

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063084.D
 Acq On : 21 Aug 2020 16:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 8/24/2020 5:52:31 PM

Quant Time: Aug 22 01:50:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	159885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	240955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	224911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106227	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	98153	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.55	113	79703	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.06	98	312316	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.38	95	103795	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	103636	49.616	ug/l	100
3) Chloromethane	2.04	50	114494	52.227	ug/l	100
4) Vinyl Chloride	2.16	62	114103	53.820	ug/l	98
5) Bromomethane	2.48	94	40843	32.457	ug/l	99
6) Chloroethane	2.59	64	38313	30.608	ug/l	99
7) Trichlorofluoromethane	2.91	101	140589	53.175	ug/l	98
8) Diethyl Ether	3.36	74	48269	51.607	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.68	101	70374	49.397	ug/l	98
10) Methyl Iodide	3.88	142	87287	48.337	ug/l	98
11) Tert butyl alcohol	4.80	59	31630	117.842	ug/l #	74
12) 1,1-Dichloroethene	3.66	96	65525	48.281	ug/l	93
13) Acrolein	3.56	56	13357	158.850	ug/l	99
14) Allyl chloride	4.25	41	120929	50.536	ug/l	100
15) Acrylonitrile	4.94	53	207251	262.707	ug/l	100
16) Acetone	3.79	43	135072	228.240	ug/l	100
17) Carbon Disulfide	3.98	76	164789	46.363	ug/l	98
18) Methyl Acetate	4.28	43	102630	54.500	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	261688	55.290	ug/l	99
20) Methylene Chloride	4.49	84	88127	52.825	ug/l	98
21) trans-1,2-Dichloroethene	4.97	96	71531	50.364	ug/l	97
22) Diisopropyl ether	5.90	45	308644	56.839	ug/l	98
23) Vinyl Acetate	5.84	43	969725	264.638	ug/l	100
24) 1,1-Dichloroethane	5.79	63	158386	52.196	ug/l	99
25) 2-Butanone	6.79	43	229668	228.292	ug/l	99
26) 2,2-Dichloropropane	6.77	77	116870	48.974	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	90940	51.084	ug/l	98
28) Bromochloromethane	7.14	49	78237	49.277	ug/l	97
29) Tetrahydrofuran	7.17	42	163164	251.297	ug/l	99
30) Chloroform	7.33	83	158640	51.910	ug/l	99
31) Cyclohexane	7.61	56	137565	49.256	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	129111	51.749	ug/l	99
36) 1,1-Dichloropropene	7.75	75	106597	50.200	ug/l	99
37) Ethyl Acetate	6.88	43	100884	50.704	ug/l	99
38) Carbon Tetrachloride	7.73	117	106391	49.628	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	119094	41.807	ug/l	98
40) Benzene	8.00	78	350725	52.077	ug/l	99
41) Methacrylonitrile	7.12	41	48818	51.497	ug/l	98
42) 1,2-Dichloroethane	8.08	62	120297	53.197	ug/l	99
43) Isopropyl Acetate	8.13	43	170575	51.748	ug/l #	90
44) Trichloroethene	8.80	130	82608	49.311	ug/l	99
45) 1,2-Dichloropropane	9.08	63	103828	53.334	ug/l	100
46) Dibromomethane	9.17	93	58949	52.417	ug/l	99
47) Bromodichloromethane	9.37	83	129585	52.609	ug/l	100
48) Methyl methacrylate	9.17	41	83153	53.316	ug/l	98
49) 1,4-Dioxane	9.17	88	9757	295.238	ug/l #	87
51) 4-Methyl-2-Pentanone	9.96	43	532475	255.563	ug/l	100
52) Toluene	10.12	92	216164	53.208	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	136990	53.780	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	152631	54.623	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	90514	52.105	ug/l	99
56) Ethyl methacrylate	10.40	69	127683	47.674	ug/l	98
57) 1,3-Dichloropropane	10.68	76	153815	53.323	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	181456	276.814	ug/l	99
59) 2-Hexanone	10.73	43	365323	251.372	ug/l	99
60) Dibromochloromethane	10.88	129	98455	51.214	ug/l	99
61) 1,2-Dibromoethane	10.98	107	89004	53.323	ug/l	99
64) Tetrachloroethene	10.60	164	72174	48.818	ug/l	99
65) Chlorobenzene	11.41	112	230915	51.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	92609	52.710	ug/l	99
67) Ethyl Benzene	11.49	91	409149	53.606	ug/l	100
68) m/p-Xylenes	11.60	106	308726	108.831	ug/l	100
69) o-Xylene	11.92	106	144653	53.102	ug/l	98
70) Styrene	11.94	104	263005	48.704	ug/l	99
71) Bromoform	12.10	173	70393	50.336	ug/l #	99
73) Isopropylbenzene	12.23	105	385020	52.928	ug/l	99
74) N-amyl acetate	12.05	43	152046	58.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	129633	55.406	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	102983m	49.875	ug/l	
77) Bromobenzene	12.50	156	102881	51.423	ug/l	98
78) n-propylbenzene	12.57	91	439809	53.043	ug/l	99
79) 2-Chlorotoluene	12.65	91	264773	50.769	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	318541	52.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	41816	55.620	ug/l	99
82) 4-Chlorotoluene	12.75	91	277487	52.252	ug/l	100
83) tert-Butylbenzene	12.97	119	259950	50.085	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	302797	51.687	ug/l	100
85) sec-Butylbenzene	13.15	105	341582	48.697	ug/l	100
86) p-Isopropyltoluene	13.26	119	290367	47.508	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	177985	51.765	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	176005	50.434	ug/l	99
89) n-Butylbenzene	13.59	91	224047	39.304	ug/l	100
90) Hexachloroethane	13.85	117	58340	44.909	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	176732	53.212	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21702	59.237	ug/l	98

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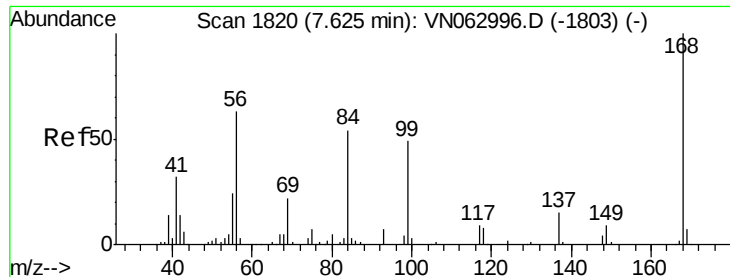
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	82548	45.307	ug/l	99
94) Hexachlorobutadiene	14.99	225	48654	39.643	ug/l	100
95) Naphthalene	15.10	128	195756	46.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	79861	44.707	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

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Instrument :

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VSTDCCC050EC

Tot Ion:168 Resp: 159885

Ion Ratio Lower Upper

168 100

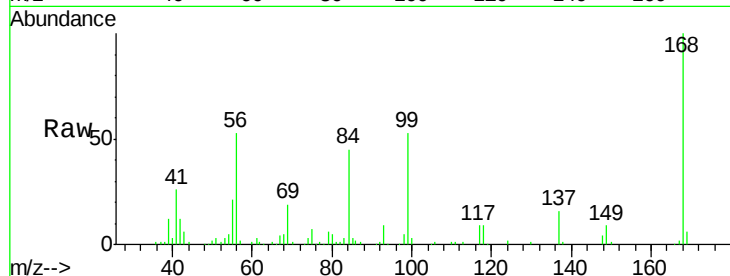
99 53.2 42.0 63.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

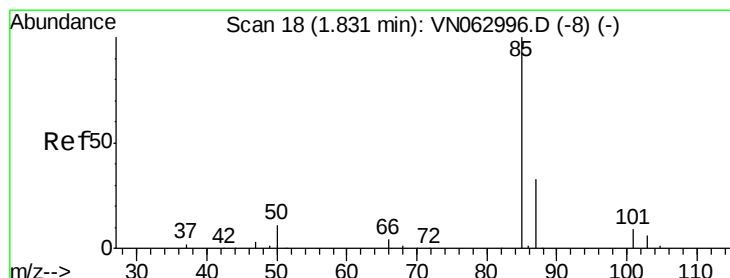
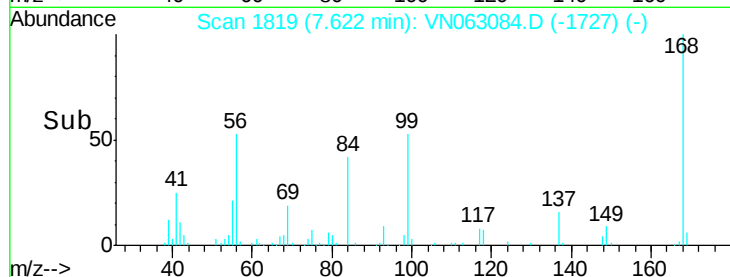
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 49.616 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN063084.D

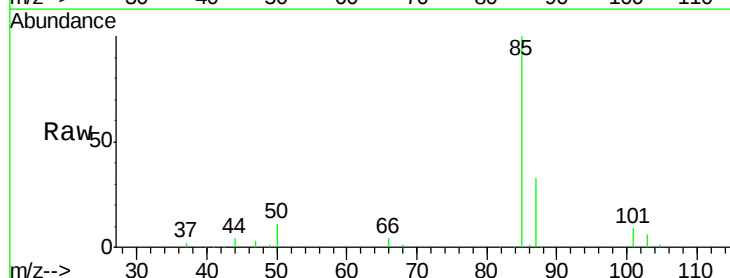
Acq: 21 Aug 2020 16:39

Tgt Ion: 85 Resp: 103636

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

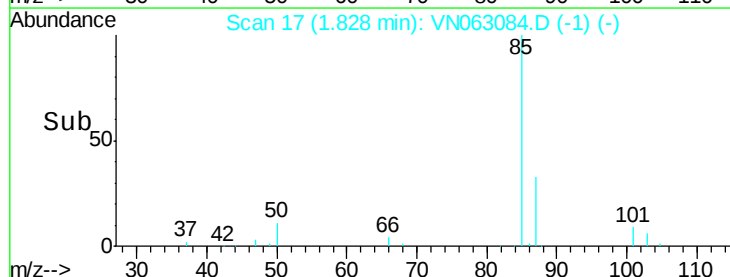
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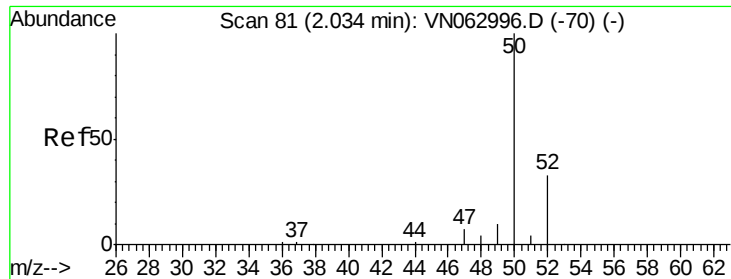
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 52.227 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 114494

Ion Ratio Lower Upper

50 100

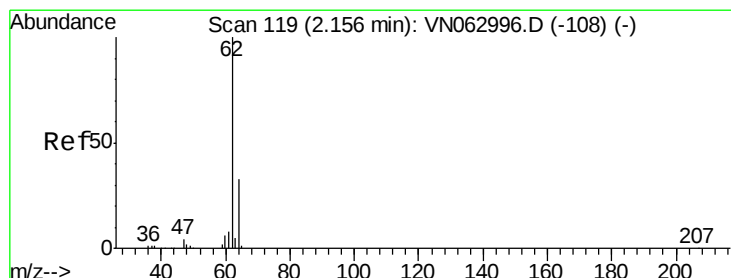
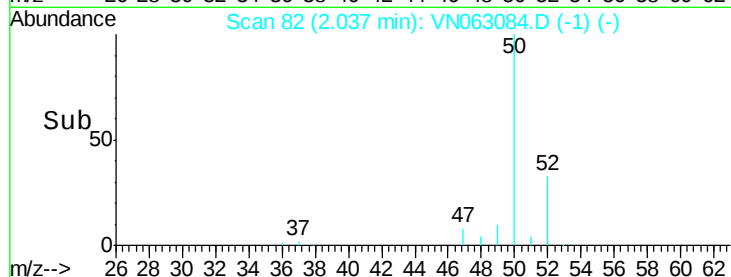
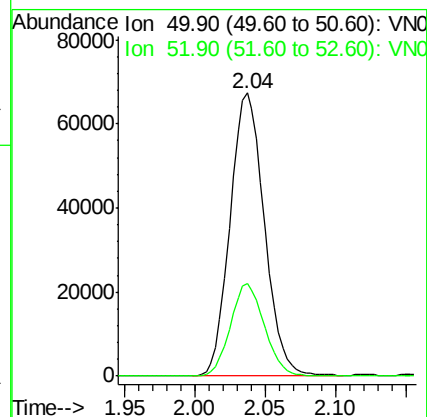
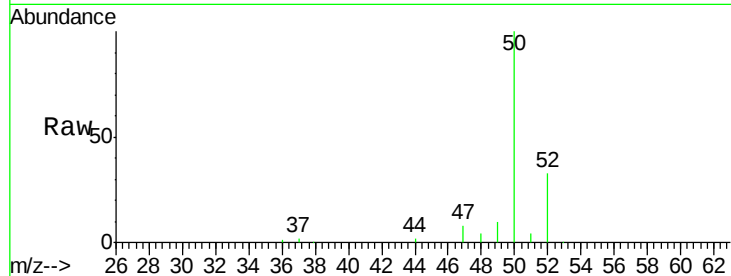
52 32.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.820 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.01 min

Lab File: VN063084.D

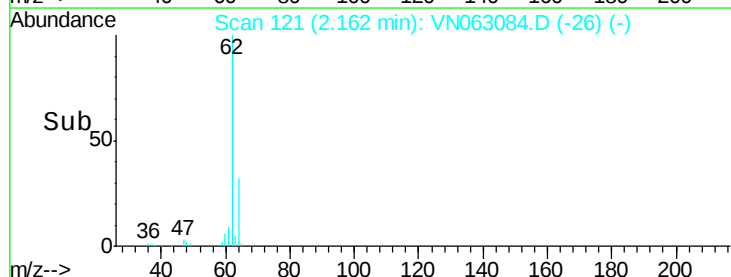
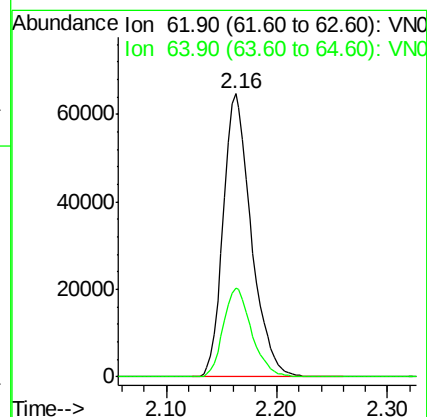
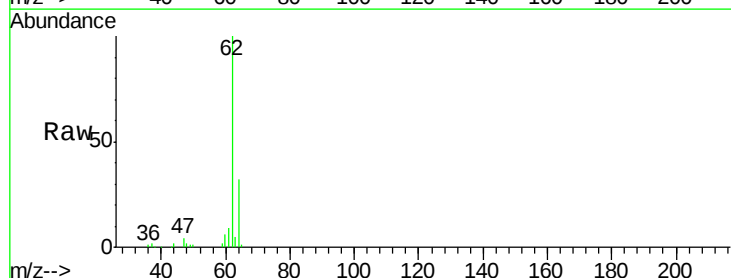
Acq: 21 Aug 2020 16:39

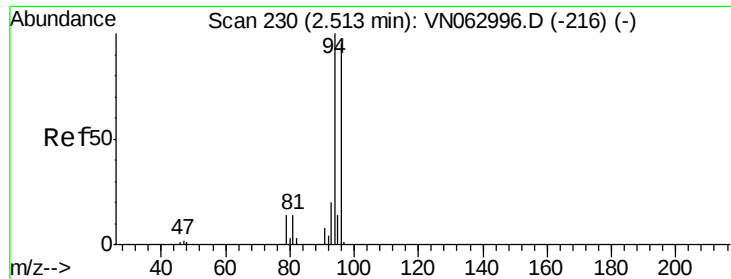
Tgt Ion: 62 Resp: 114103

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.2





#5

Bromomethane

Concen: 32.457 ug/l

RT: 2.48 min Scan# 221

Delta R.T. -0.03 min

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Acq: 21 Aug 2020 16:39

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Tot Ion: 94 Resp: 40843

Ion Ratio Lower Upper

94 100

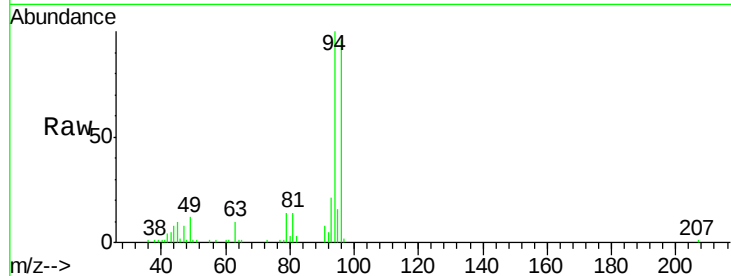
96 95.6 75.8 113.8

Manual Integrations

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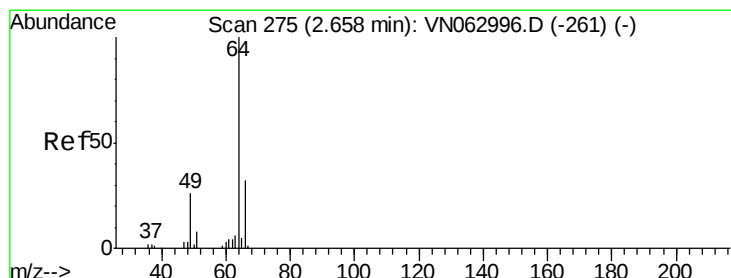
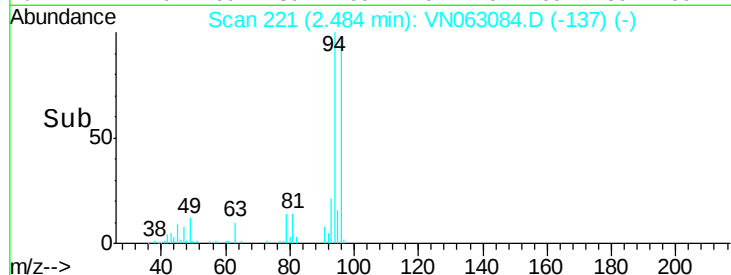
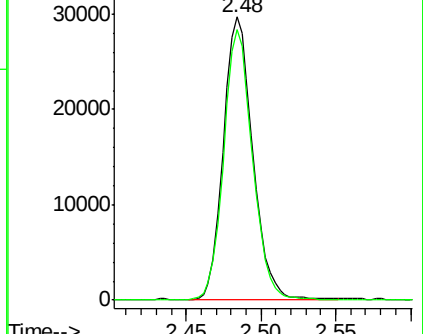
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 30.608 ug/l

RT: 2.59 min Scan# 253

Delta R.T. -0.07 min

Lab File: VN063084.D

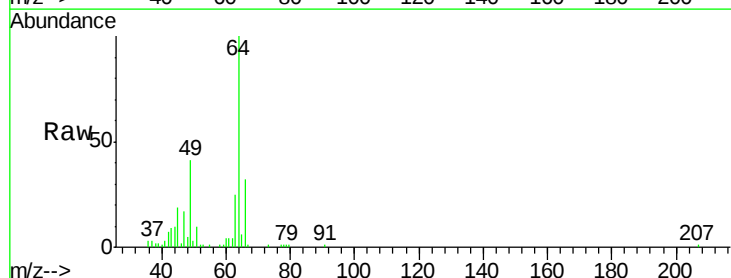
Acq: 21 Aug 2020 16:39

Tgt Ion: 64 Resp: 38313

Ion Ratio Lower Upper

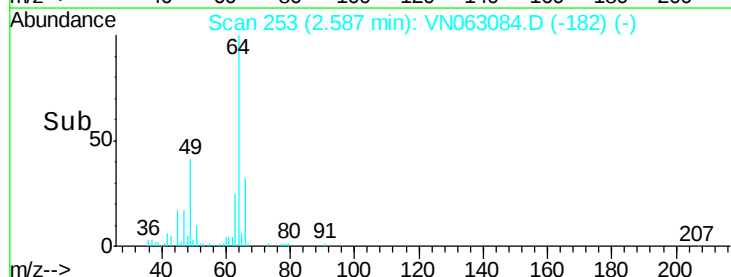
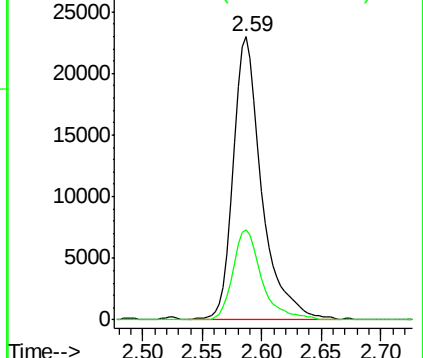
64 100

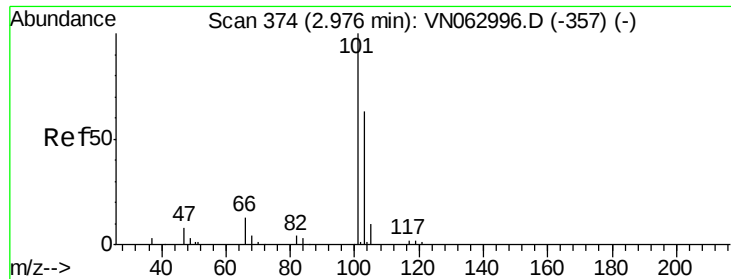
66 32.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

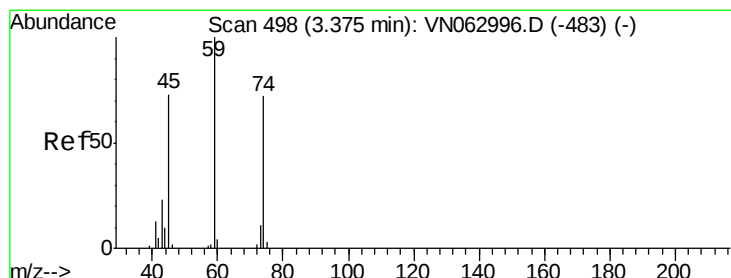
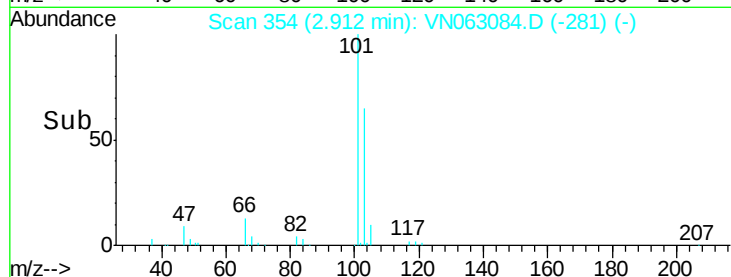
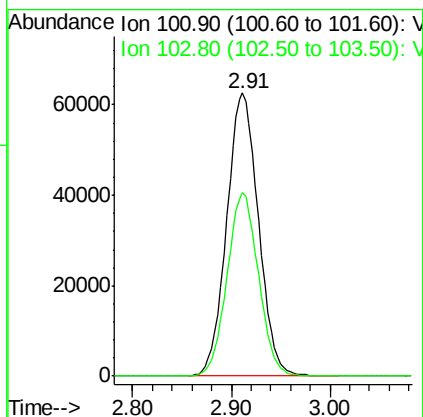
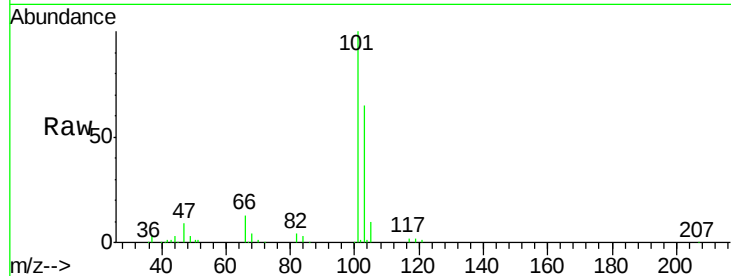
Trichlorofluoromethane
 Concen: 53.175 ug/l
 RT: 2.91 min Scan# 354
 Delta R.T. -0.06 min
 Lab File: VN063084.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.5	75.7

Manual Integrations
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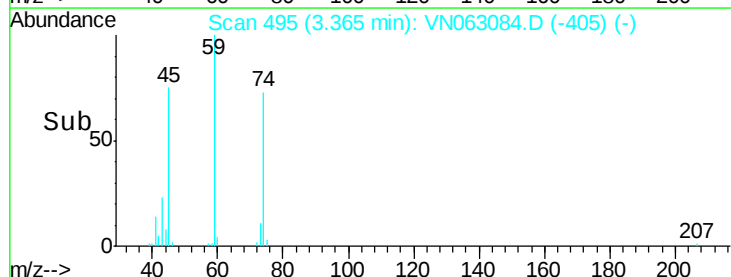
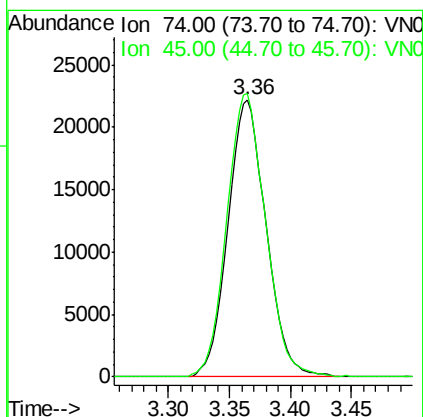
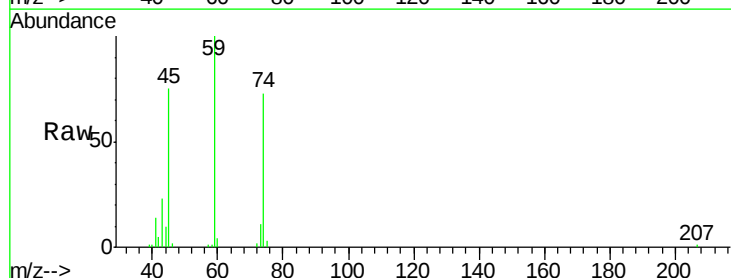
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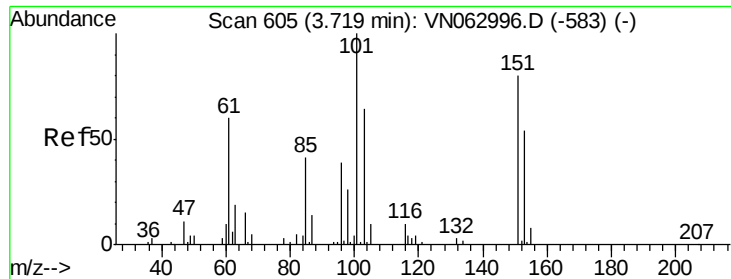


#8

Diethyl Ether
 Concen: 51.607 ug/l
 RT: 3.36 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.397 ug/l

RT: 3.68 min Scan# 593

Delta R.T. -0.04 min

Lab File: VN063084.D

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Instrument :

MSVOA_N

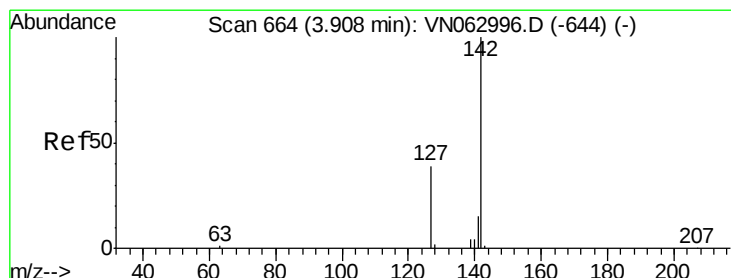
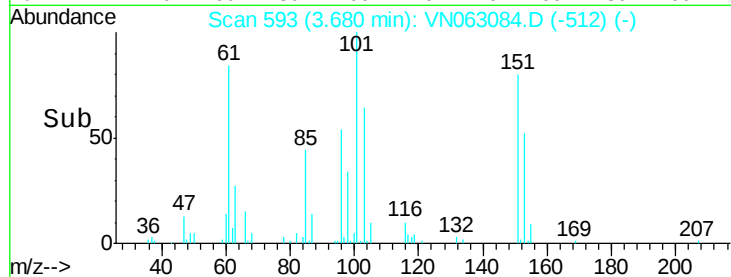
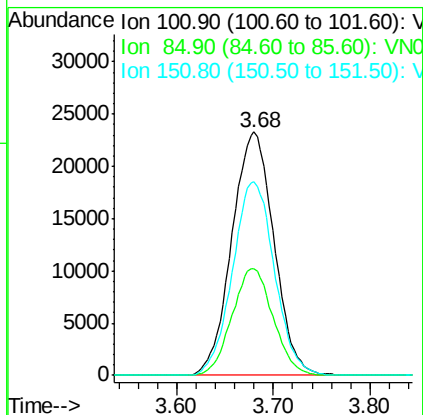
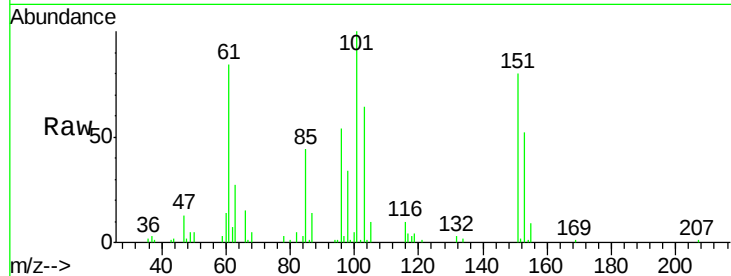
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	70374
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.0	51.0
151	79.3	65.8	98.8

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#10

Methyl Iodide

Concen: 48.337 ug/l

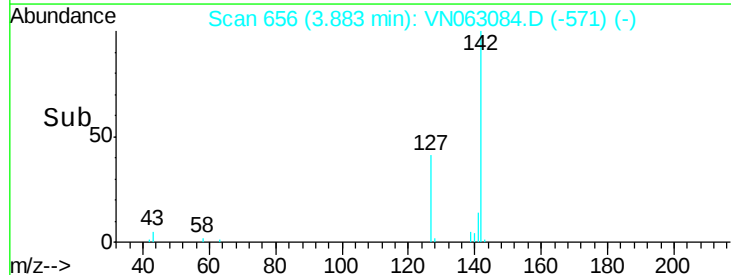
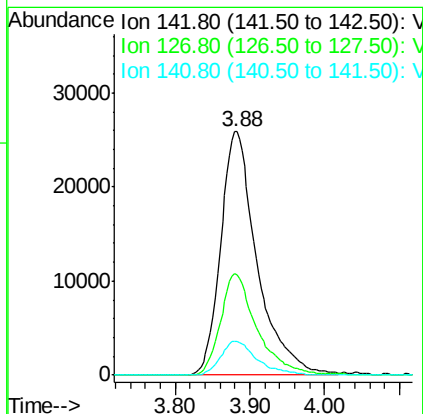
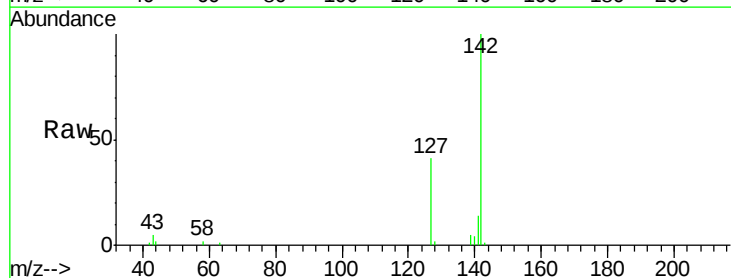
RT: 3.88 min Scan# 656

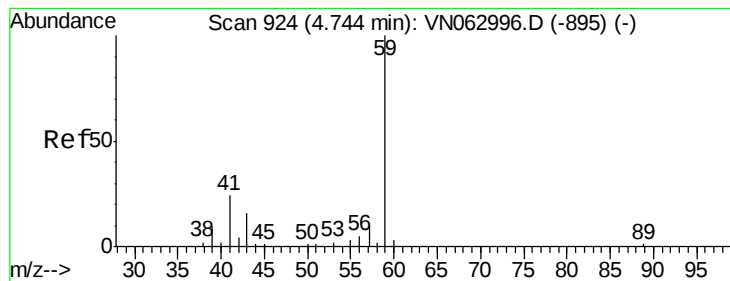
Delta R.T. -0.03 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion:	142	Resp:	87287
Ion Ratio	Lower	Upper	
142	100		
127	41.6	32.2	48.4
141	14.0	11.3	16.9





#11

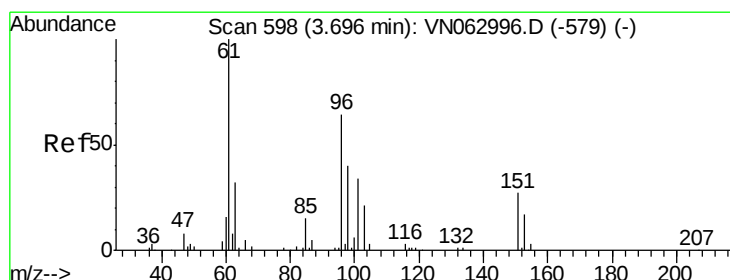
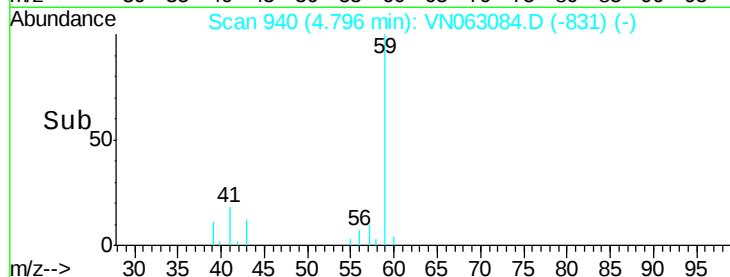
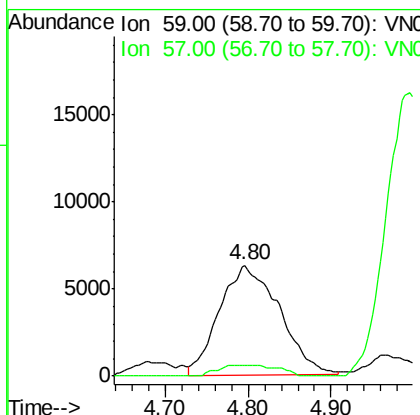
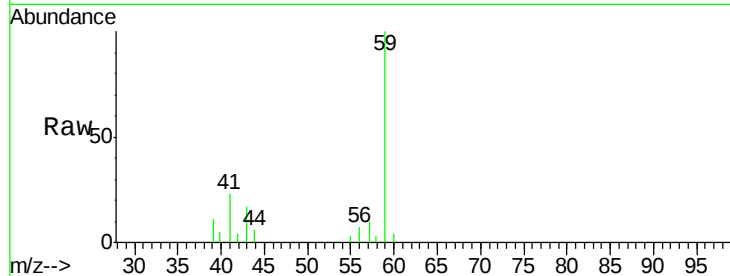
Tert butyl alcohol
 Concen: 117.842 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. 0.05 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

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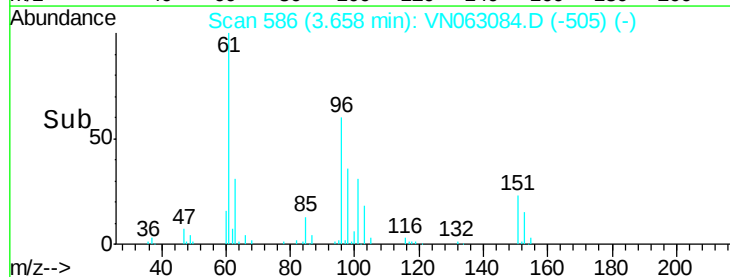
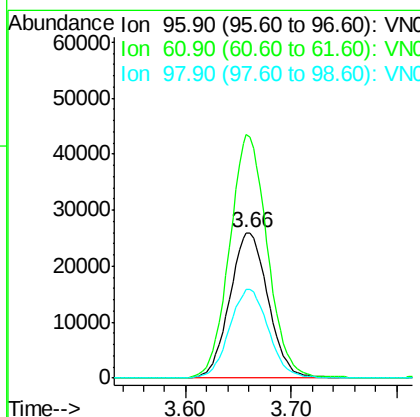
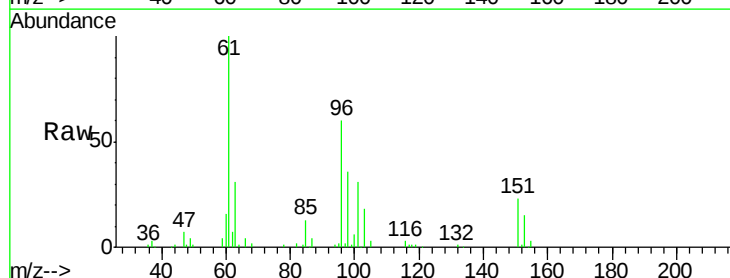
sam
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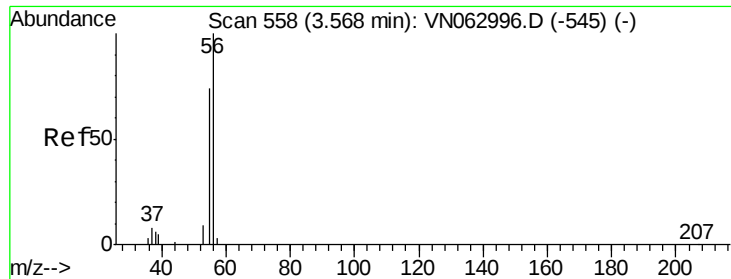


#12

1,1-Dichloroethene
 Concen: 48.281 ug/l
 RT: 3.66 min Scan# 586
 Delta R.T. -0.04 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.8	125.5	188.3
98	61.1	50.4	75.6





#13

Acrolein

Concen: 158.850 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 13357

Ion Ratio Lower Upper

56 100

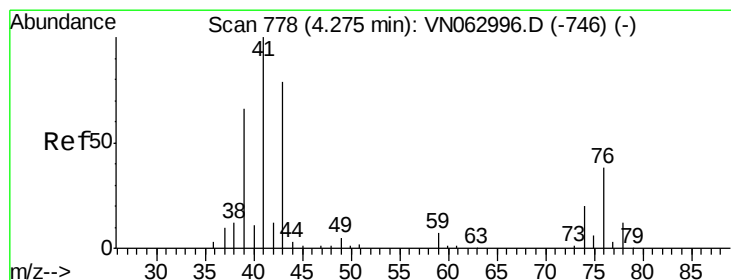
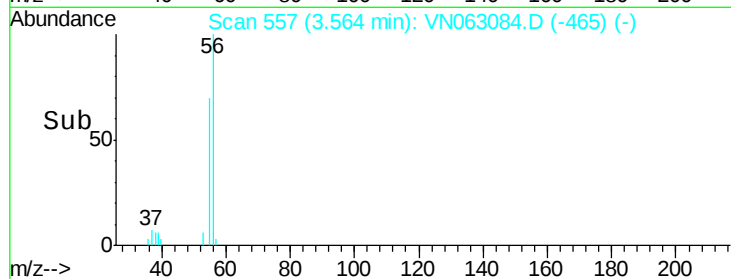
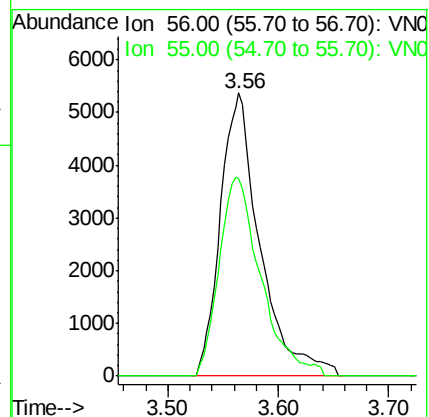
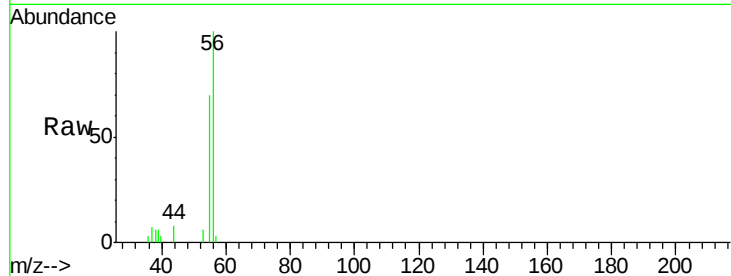
55 74.1 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 50.536 ug/l

RT: 4.25 min Scan# 771

Delta R.T. -0.02 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

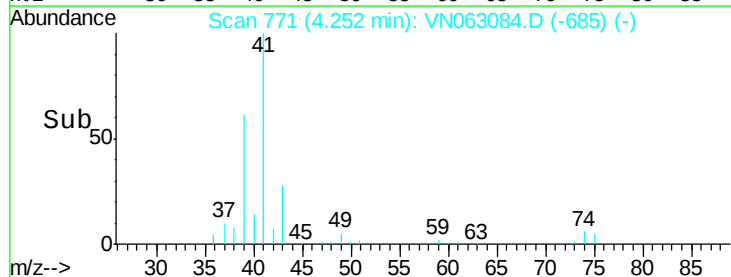
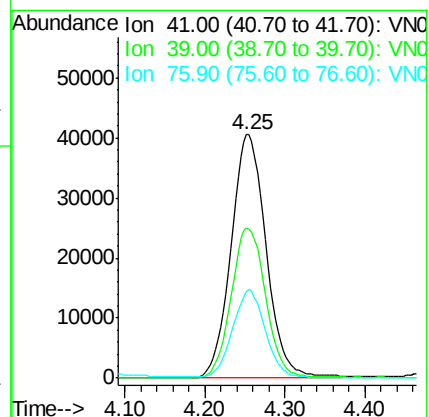
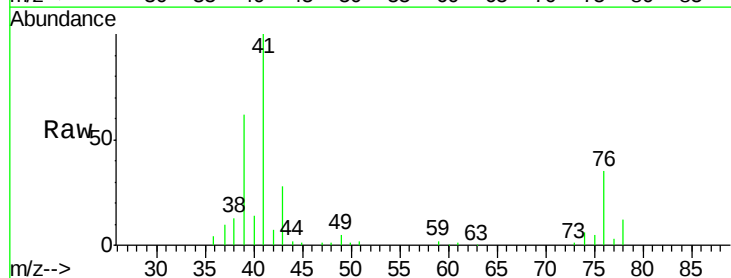
Tgt Ion: 41 Resp: 120929

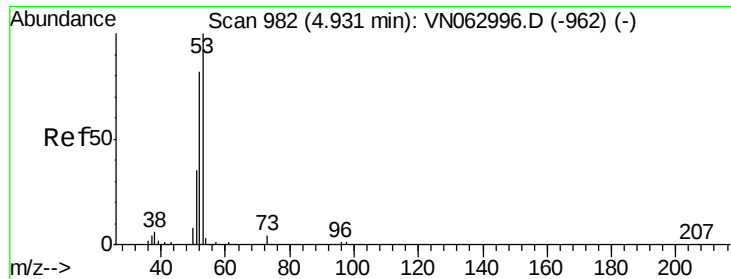
Ion Ratio Lower Upper

41 100

39 60.1 47.9 71.9

76 34.0 27.0 40.6





#15

Acrylonitrile

Concen: 262.707 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

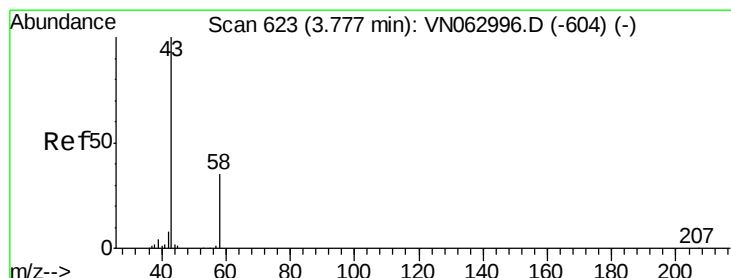
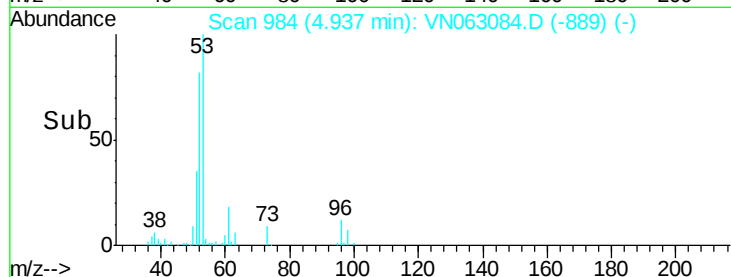
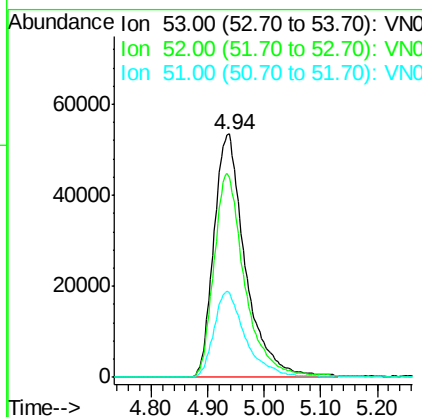
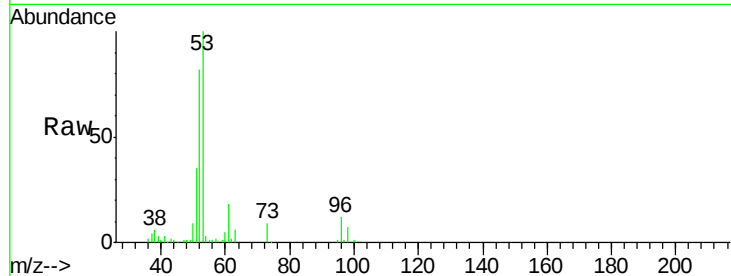
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	207251
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.6	98.4
51	35.5	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 228.240 ug/l

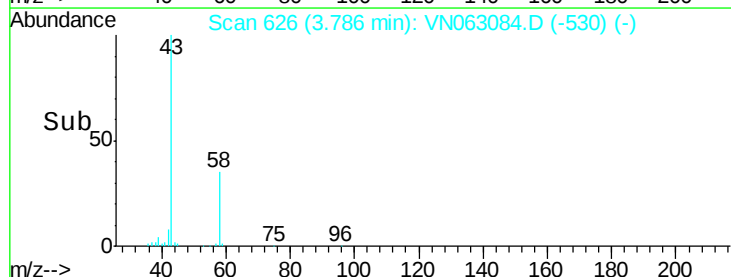
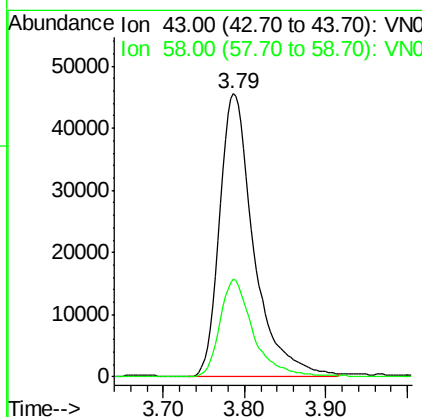
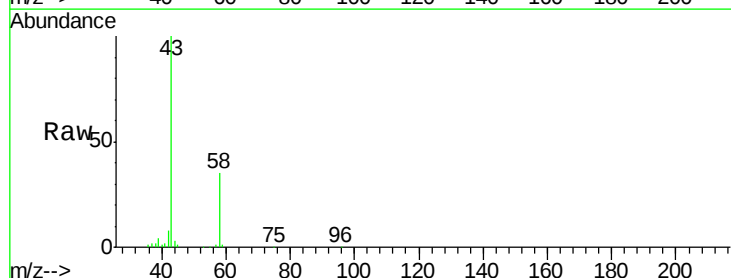
RT: 3.79 min Scan# 626

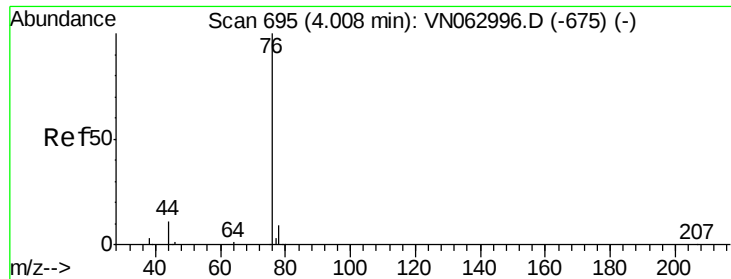
Delta R.T. 0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion:	43	Resp:	135072
Ion Ratio	Lower	Upper	
43	100		
58	34.5	27.8	41.6





#17

Carbon Disulfide

Concen: 46.363 ug/l

RT: 3.98 min Scan# 685

Delta R.T. -0.03 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 164789

Ion Ratio Lower Upper

76 100

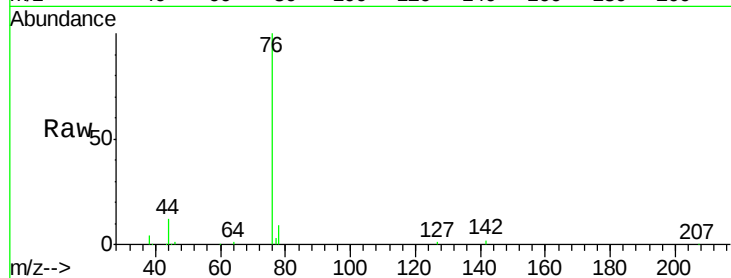
78 9.4 6.9 10.3

Manual Integrations

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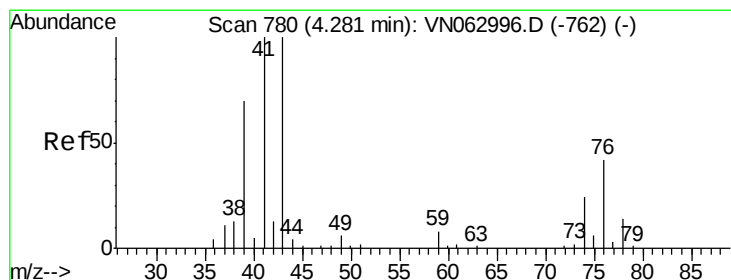
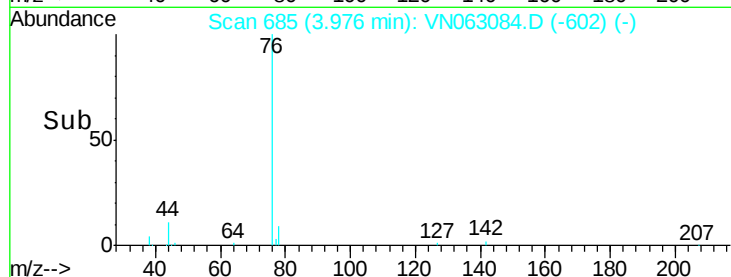
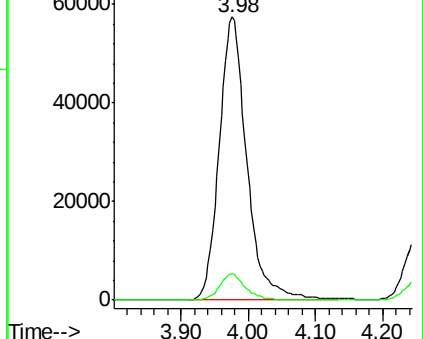
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 54.500 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN063084.D

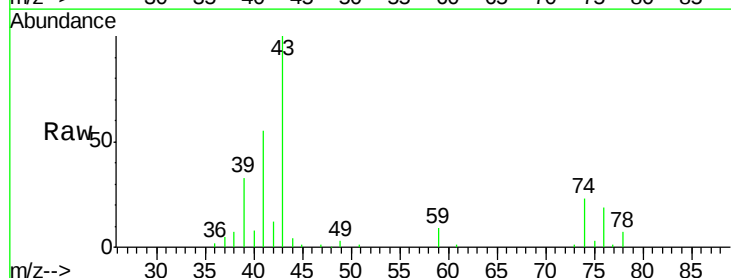
Acq: 21 Aug 2020 16:39

Tgt Ion: 43 Resp: 102630

Ion Ratio Lower Upper

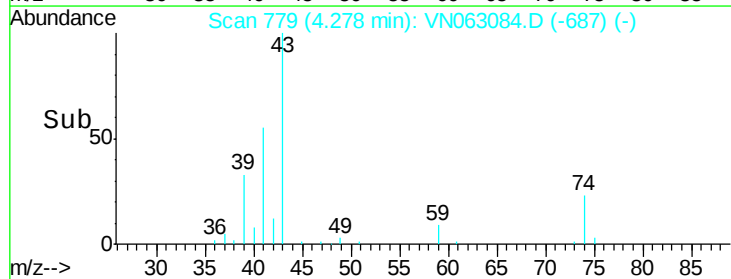
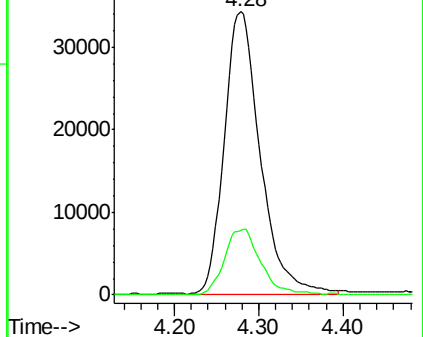
43 100

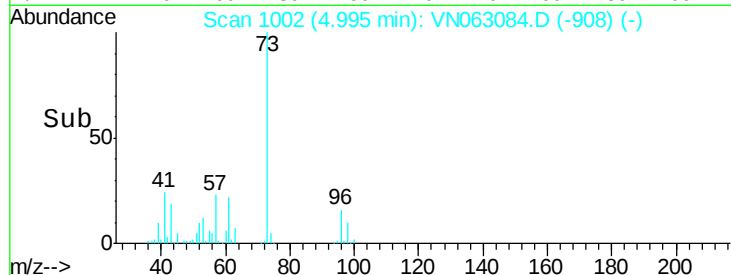
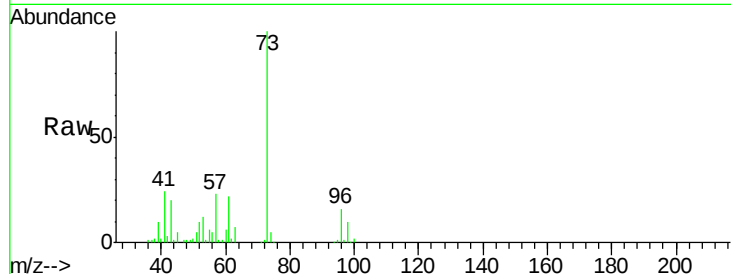
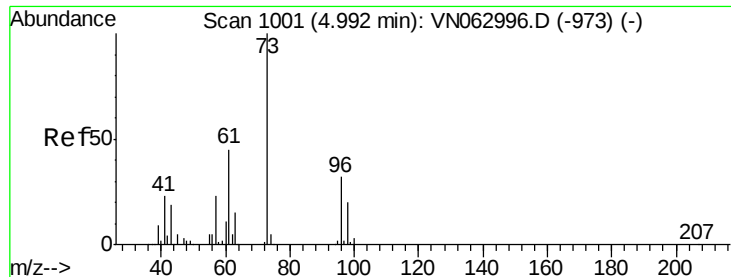
74 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





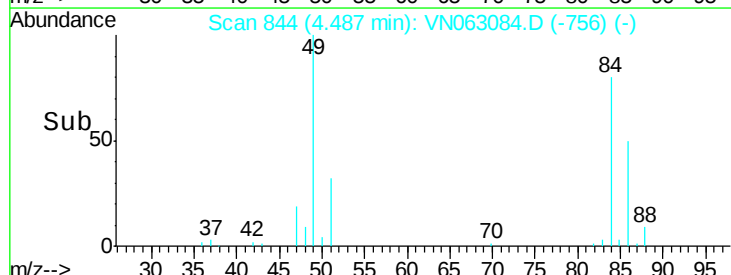
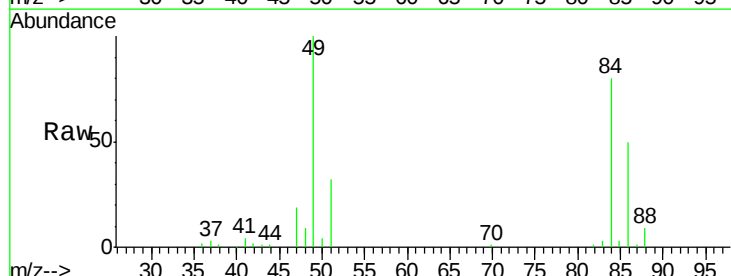
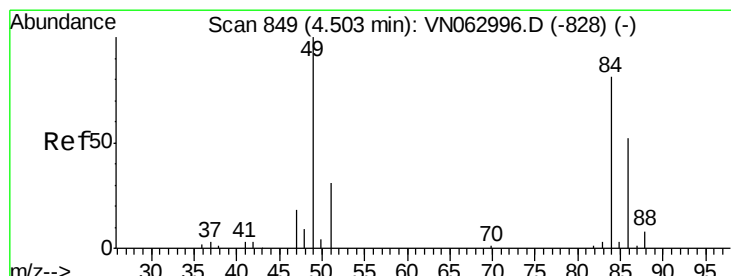
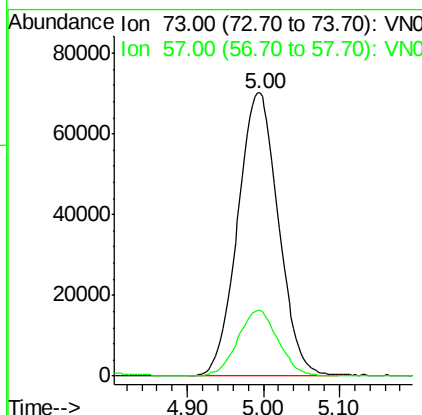
#19
Methvl tert-butvl Ether
Concen: 55.290 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tot Ion: 73 Resp: 261688
Ion Ratio Lower Upper
73 100
57 23.2 18.1 27.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

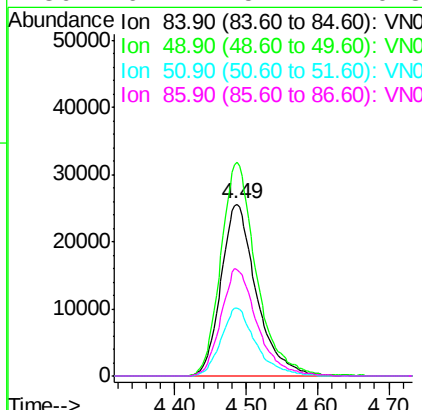
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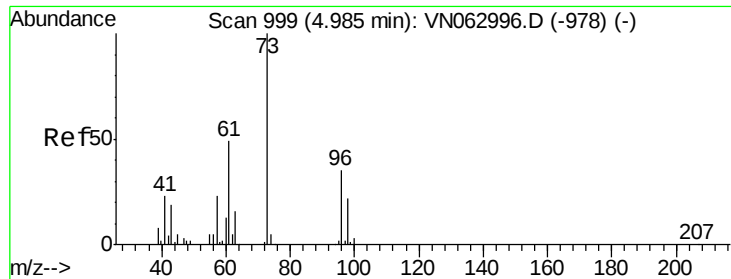
sam
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#20
Methylene Chloride
Concen: 52.825 ug/l
RT: 4.49 min Scan# 844
Delta R.T. -0.02 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 84 Resp: 88127
Ion Ratio Lower Upper
84 100
49 124.5 98.7 148.1
51 39.9 30.8 46.2
86 62.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.364 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

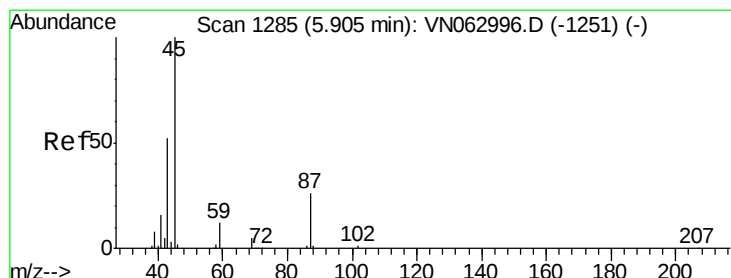
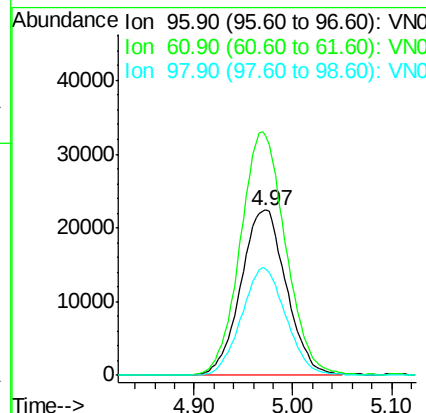
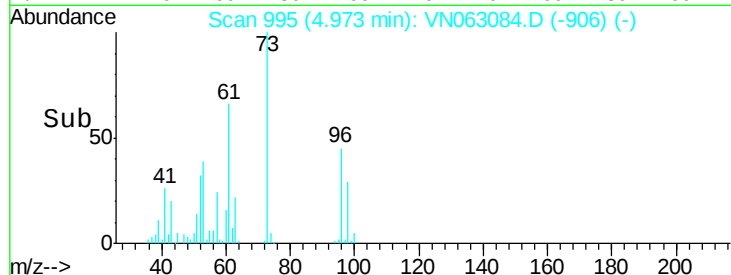
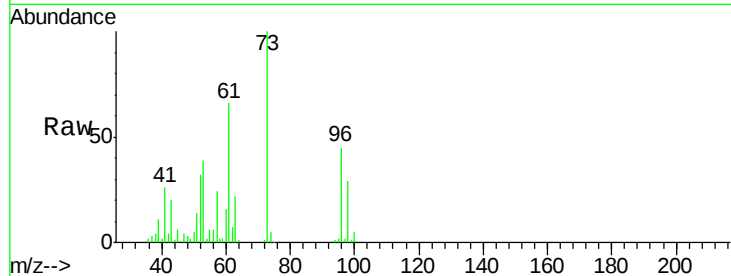
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	71531
Ion	Ratio	Lower	Upper
96	100		
61	144.7	112.5	168.7
98	64.4	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.839 ug/l

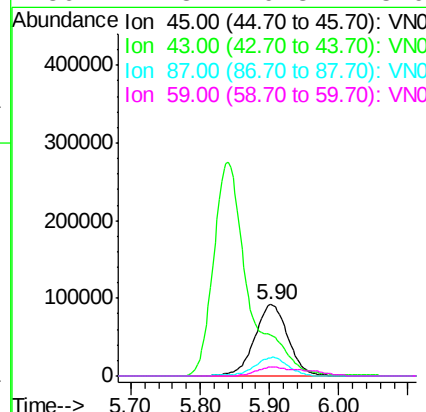
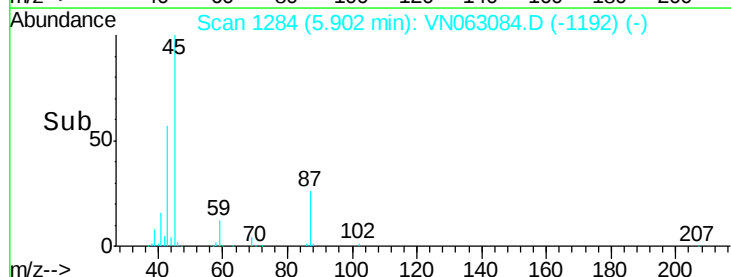
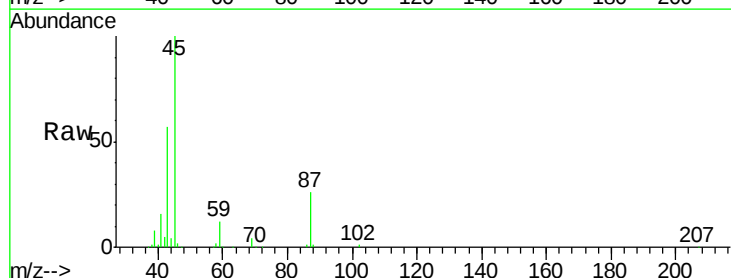
RT: 5.90 min Scan# 1284

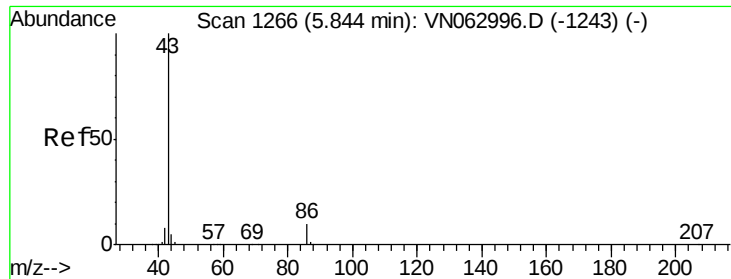
Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion:	45	Resp:	308644
Ion	Ratio	Lower	Upper
45	100		
43	55.5	45.7	68.5
87	25.9	21.8	32.6
59	11.8	9.3	13.9





#23

Vinyl Acetate

Concen: 264.638 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 969725

Ion Ratio Lower Upper

43 100

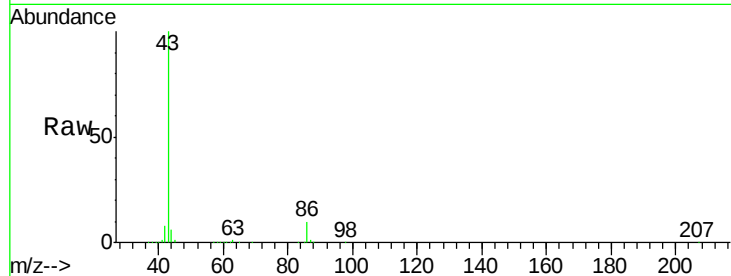
86 9.9 8.0 12.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

300000

250000

200000

150000

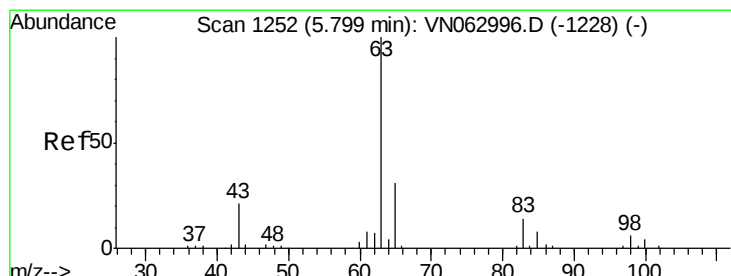
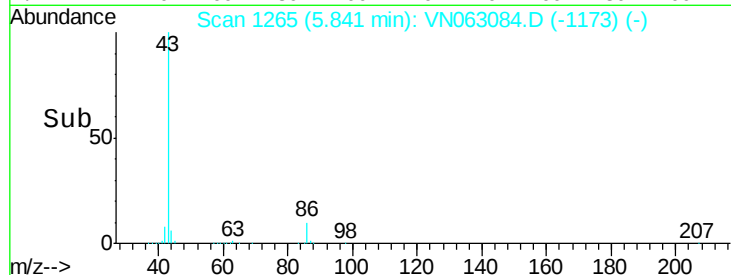
100000

50000

0

5.80 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 52.196 ug/l

RT: 5.79 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

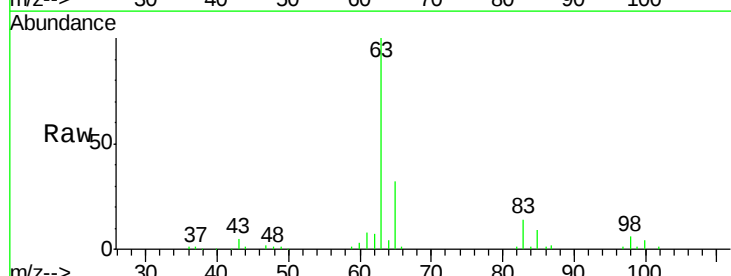
Tgt Ion: 63 Resp: 158386

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 4.3 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.79

60000

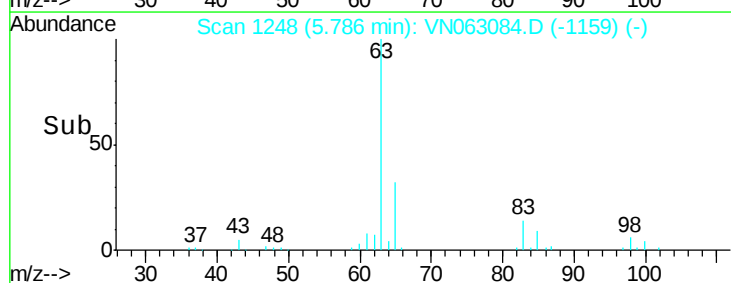
40000

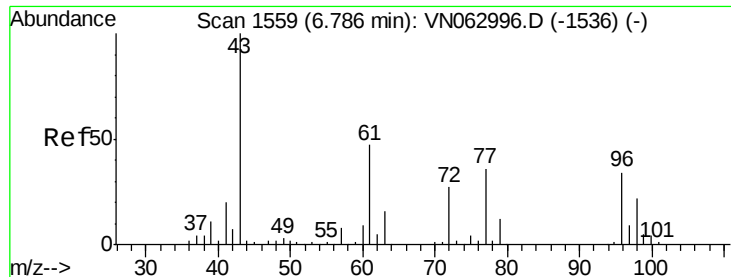
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 228.292 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 229668

Ion Ratio Lower Upper

43 100

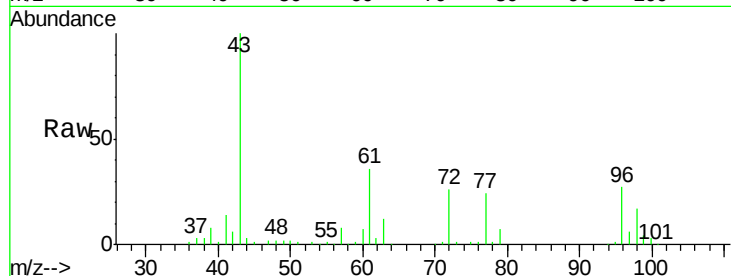
72 26.5 21.8 32.6

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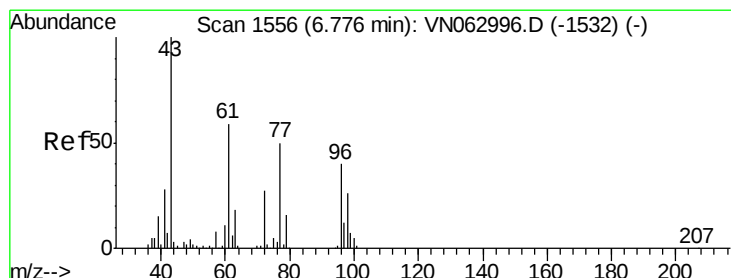
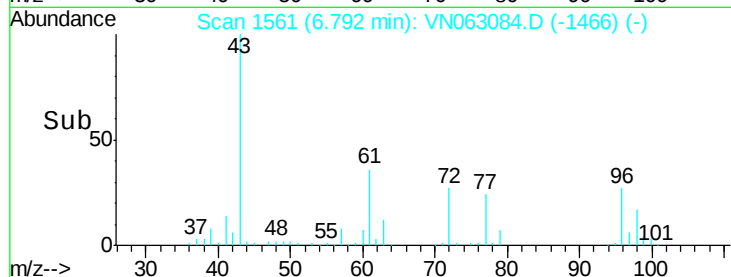
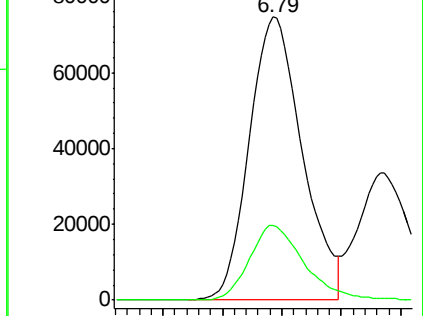
sam

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 48.974 ug/l

RT: 6.77 min Scan# 1553

Delta R.T. -0.01 min

Lab File: VN063084.D

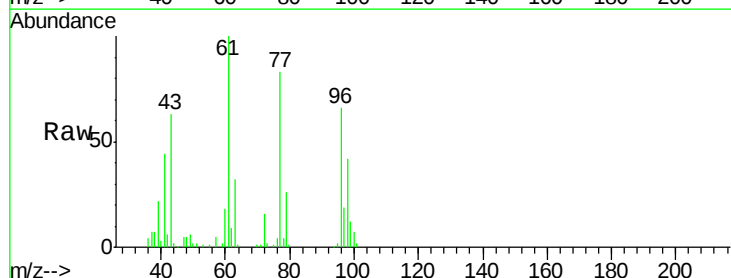
Acq: 21 Aug 2020 16:39

Tgt Ion: 77 Resp: 116870

Ion Ratio Lower Upper

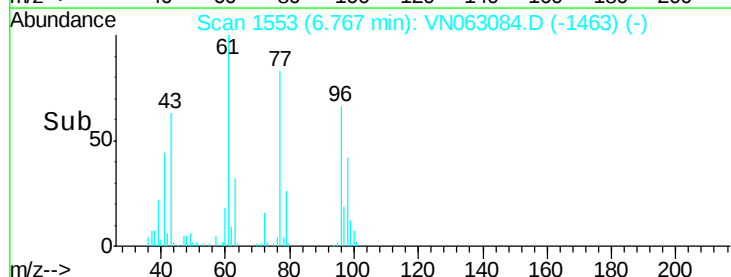
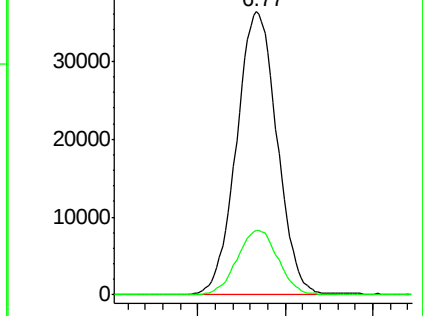
77 100

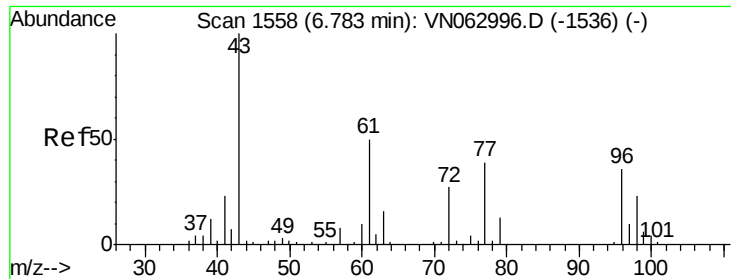
97 23.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 51.084 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

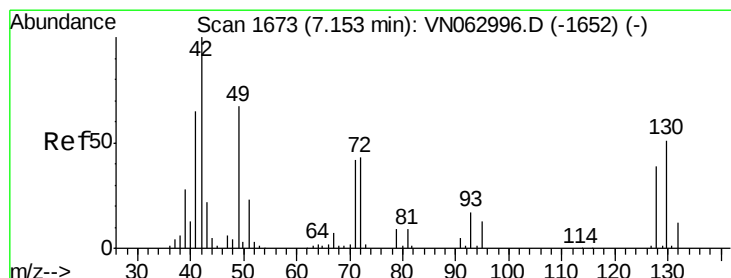
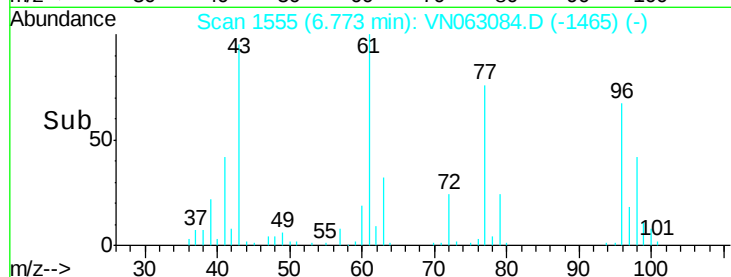
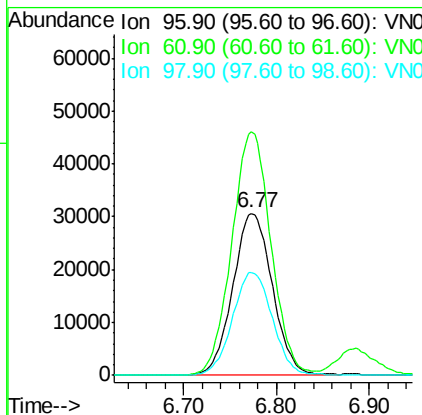
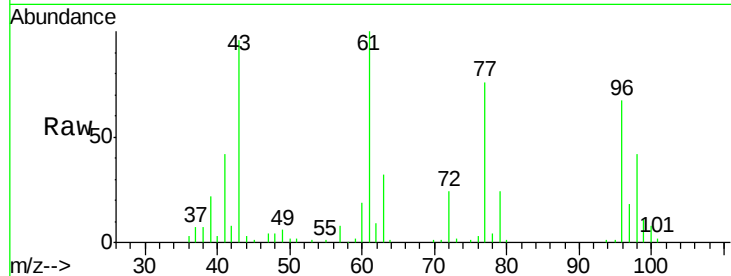
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	90940
Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	292.8
98	64.0	0.0	130.6

Manual Integrations
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sam
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#28

Bromochloromethane

Concen: 49.277 ug/l

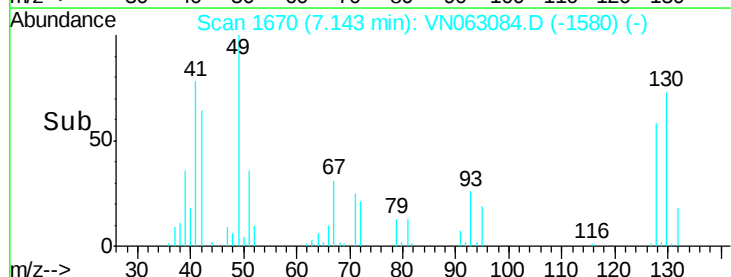
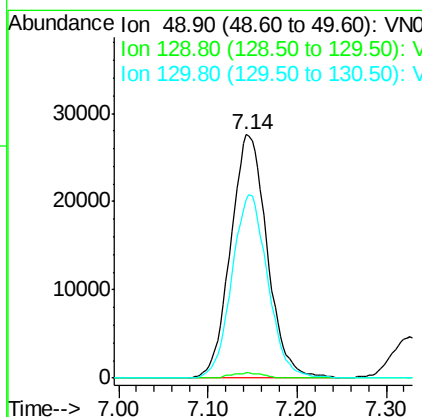
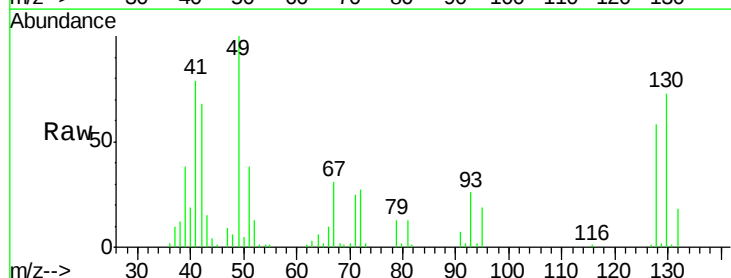
RT: 7.14 min Scan# 1670

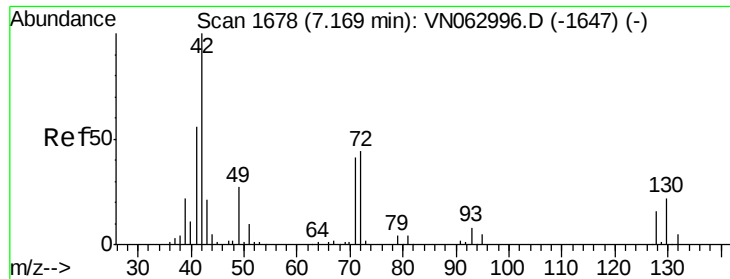
Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion:	49	Resp:	78237
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	73.9	61.1	91.7





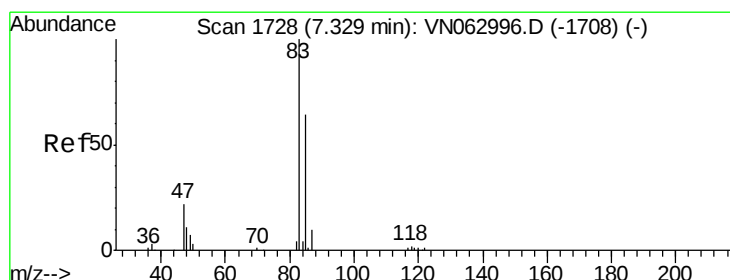
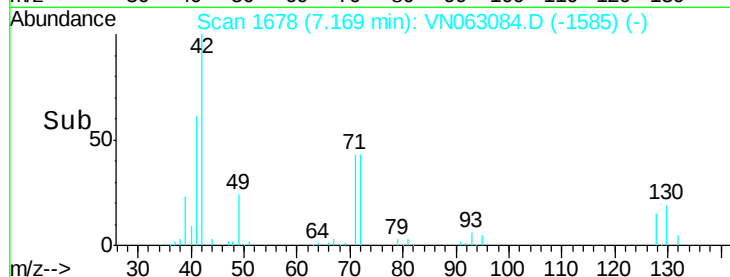
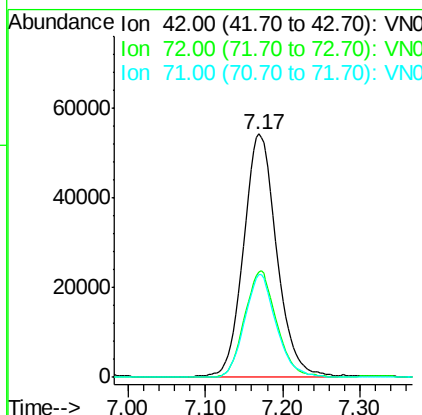
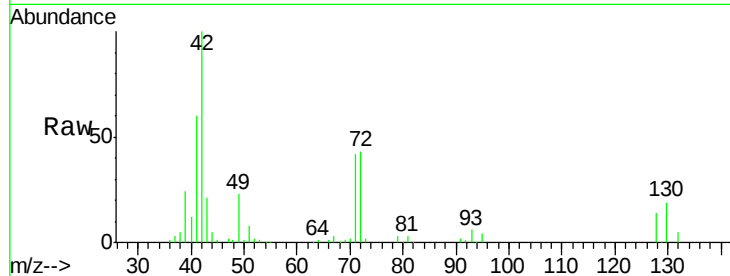
#29
Tetrahydrofuran
Concen: 251.297 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.6	52.0
71	40.2	32.3	48.5

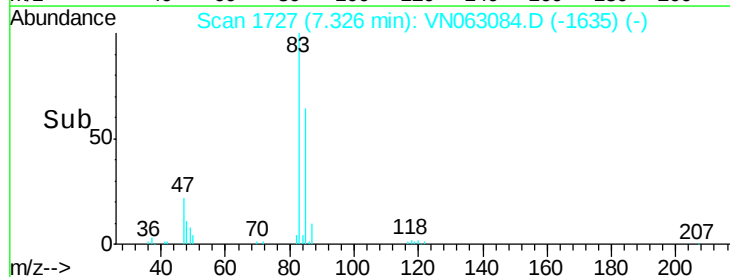
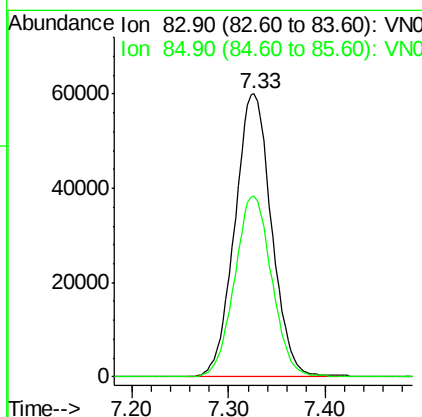
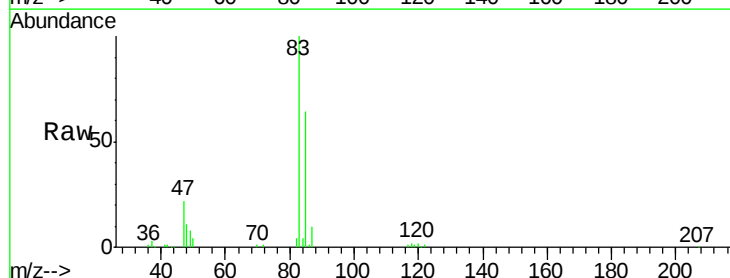
Manual Integrations
APPROVED

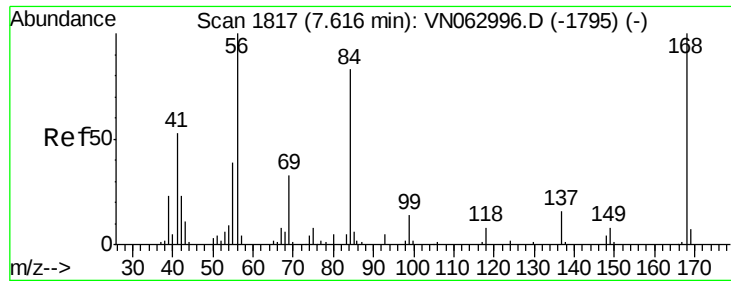
sam
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#30
Chloroform
Concen: 51.910 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.5	77.3





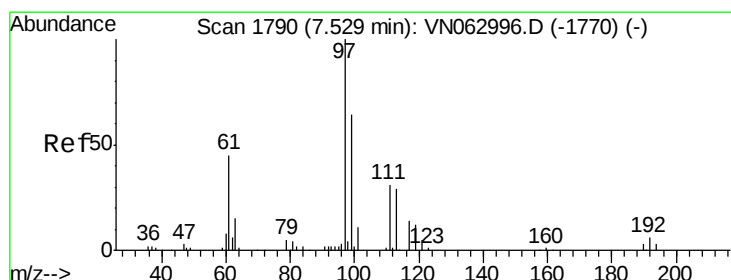
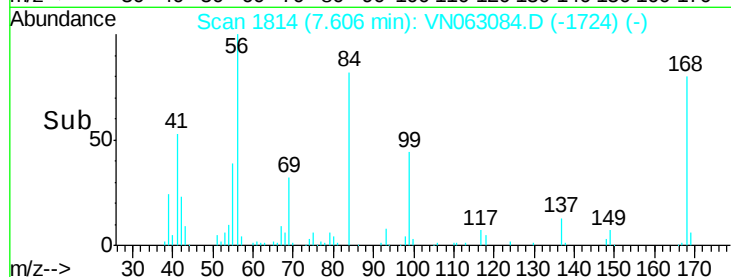
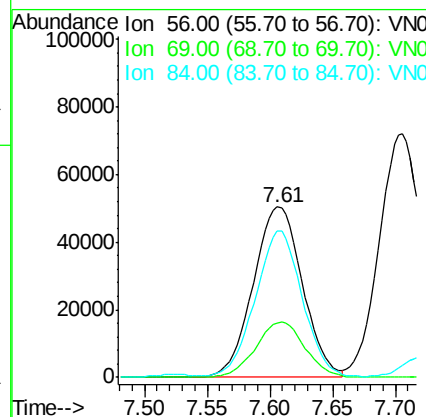
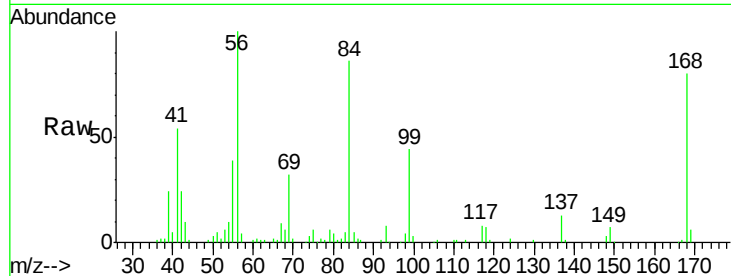
#31
Cyclohexane
Concen: 49.256 ug/l
RT: 7.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	137565
Ion Ratio	Lower	Upper	
56	100		
69	32.1	26.6	40.0
84	84.6	66.4	99.6

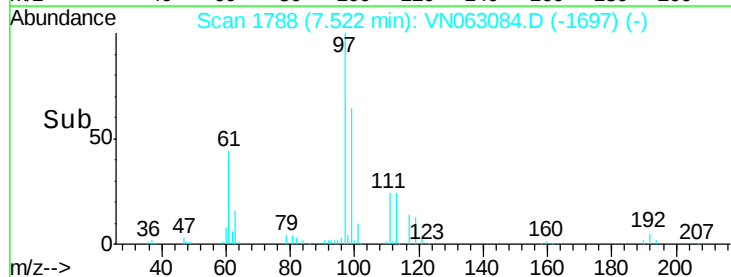
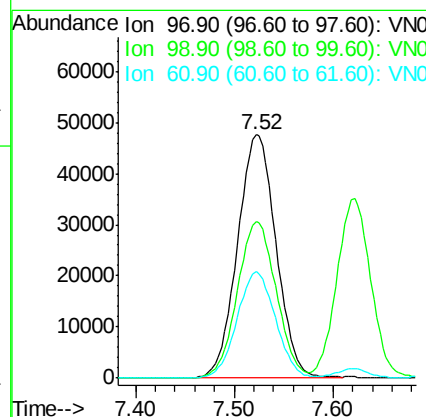
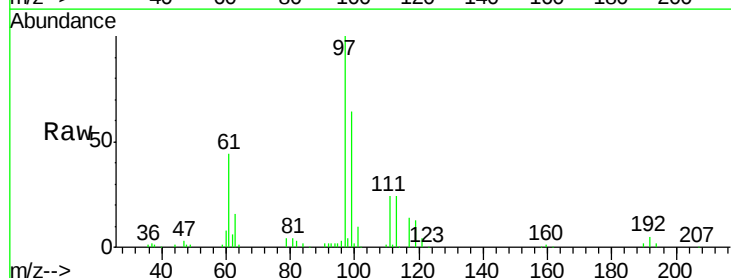
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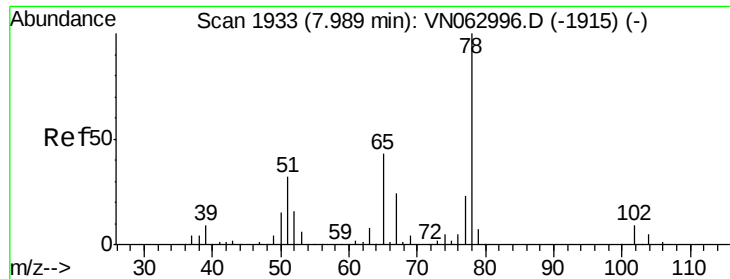
sam
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#32
1,1,1-Trichloroethane
Concen: 51.749 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	97	Resp	129111
Ion Ratio	Lower	Upper	
97	100		
99	65.0	52.0	78.0
61	43.7	36.2	54.4





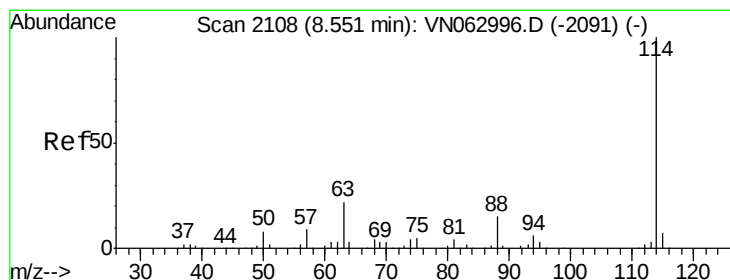
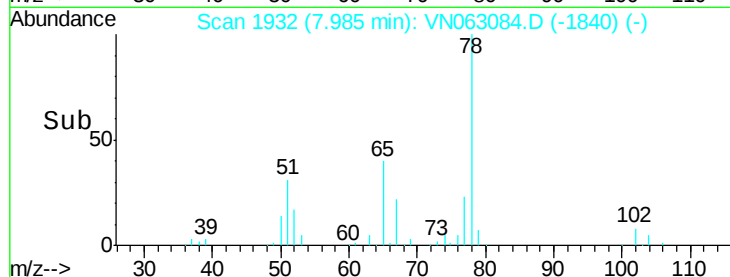
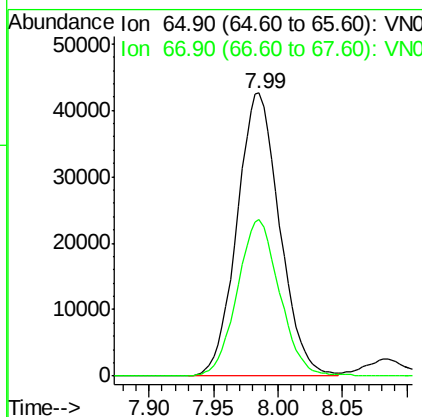
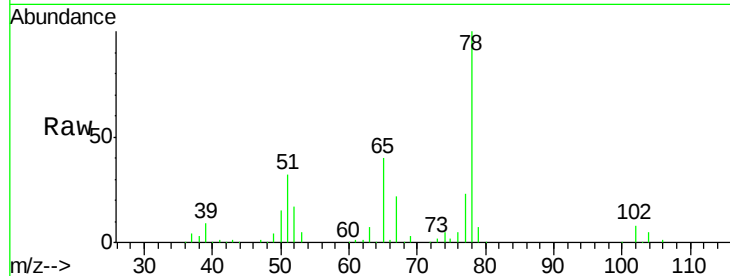
#33
 1,2-Dichloroethane-d4
 Concen: 51.798 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.9	0.0	112.0	

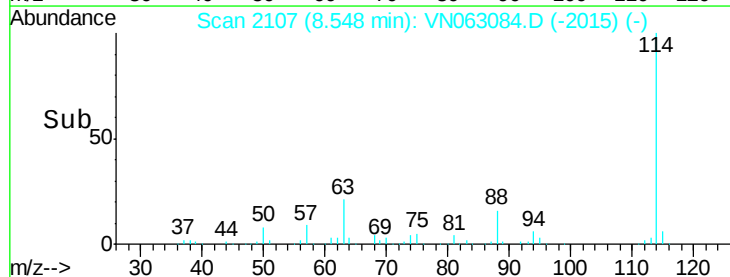
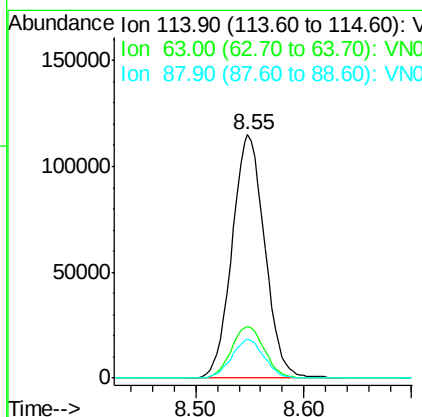
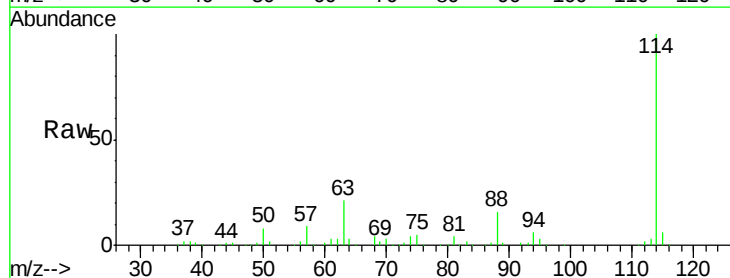
Manual Integrations
 APPROVED

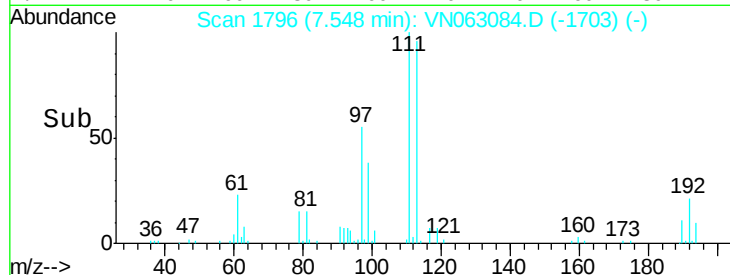
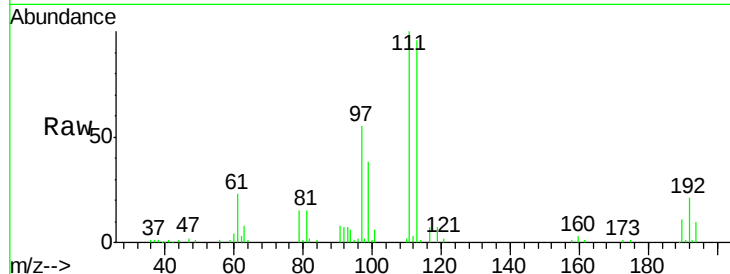
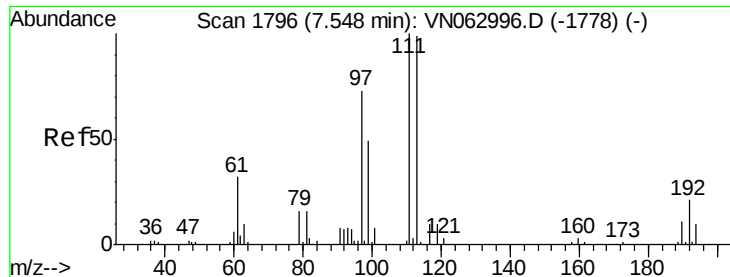
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.1	0.0	43.2	
88	15.8	0.0	30.6	





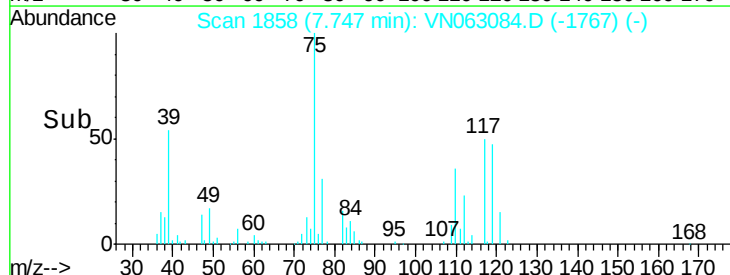
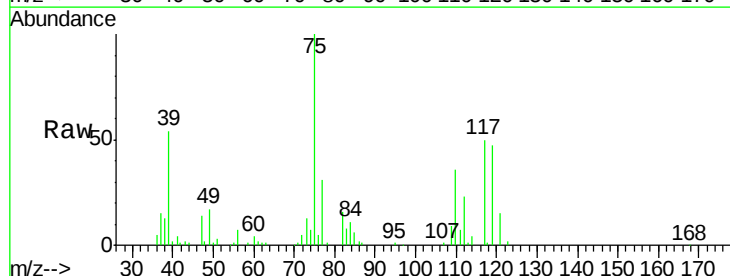
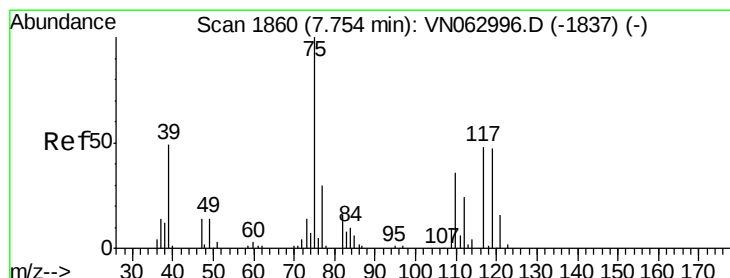
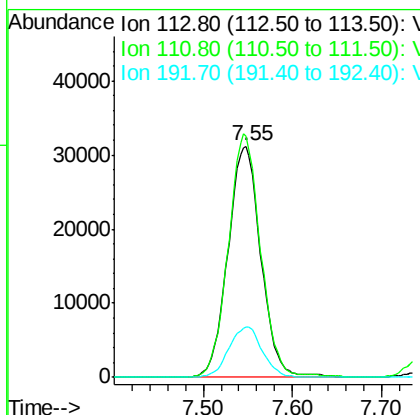
#35
Dibromofluoromethane
Concen: 50.764 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tot Ion	Ratio	Resp	Lower	Upper
113	100	79703		
111	102.8		81.7	122.5
192	22.1		17.5	26.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

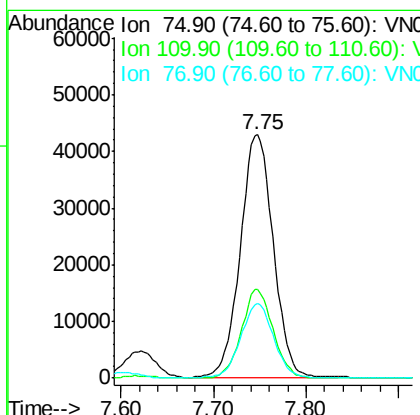
Manual Integrations
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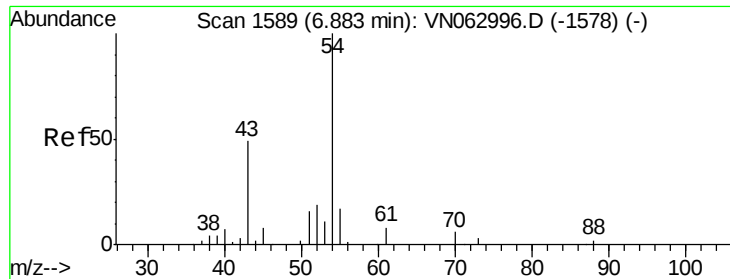
sam
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#36
1,1-Dichloropropene
Concen: 50.200 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	106597		
110	34.6		17.5	52.6
77	30.6		24.2	36.4





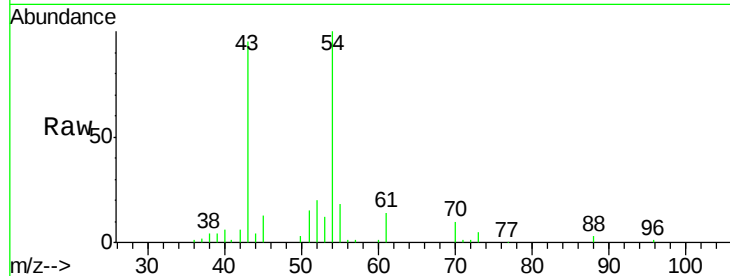
#37
Ethyl Acetate
Concen: 50.704 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

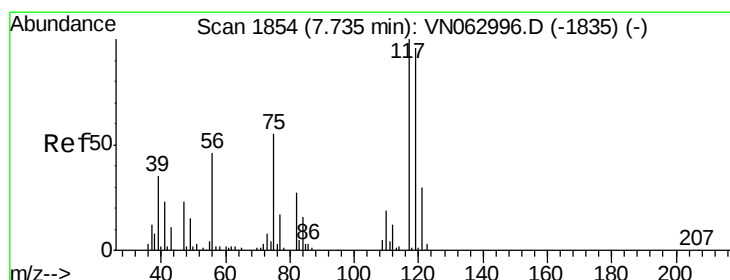
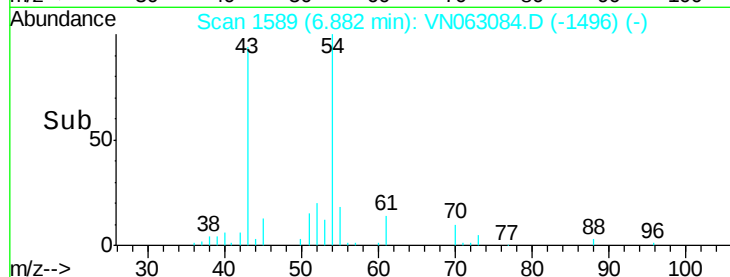
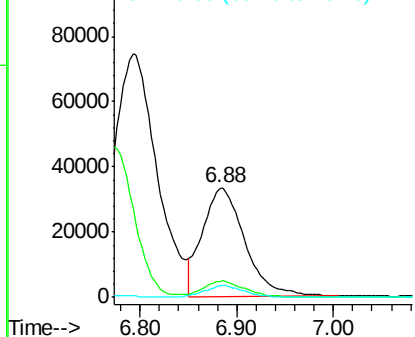
Tot Ion	43	Resp	100884
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.8	17.8
70	10.0	8.2	12.2

Manual Integrations
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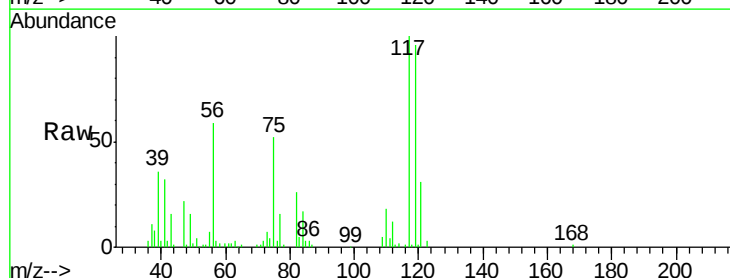


Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1578) (-)
Ion 60.90 (60.60 to 61.60): VN062996.D (-1578) (-)
Ion 70.00 (69.70 to 70.70): VN062996.D (-1578) (-)

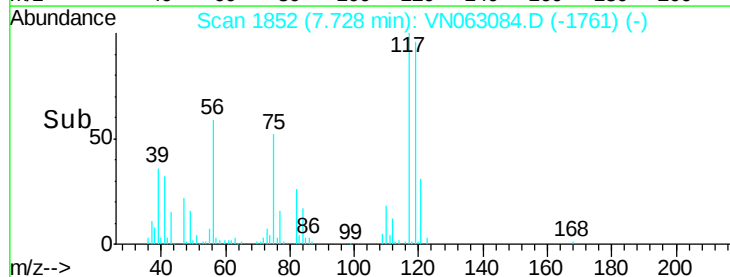
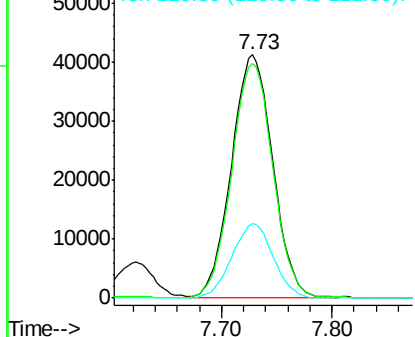


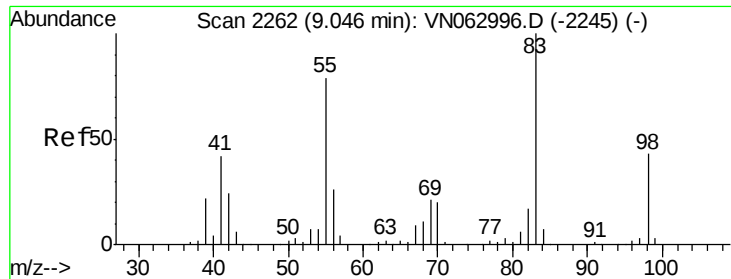
#38
Carbon Tetrachloride
Concen: 49.628 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	117	Resp	106391
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.2	114.4
121	30.7	24.2	36.2



Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-1835) (-)
Ion 118.80 (118.50 to 119.50): VN062996.D (-1835) (-)
Ion 120.80 (120.50 to 121.50): VN062996.D (-1835) (-)





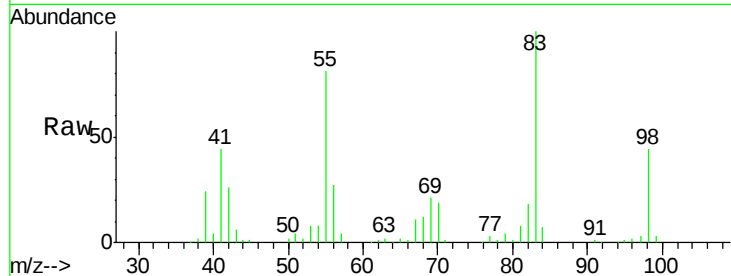
#39
Methvlcvclohexane
Concen: 41.807 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

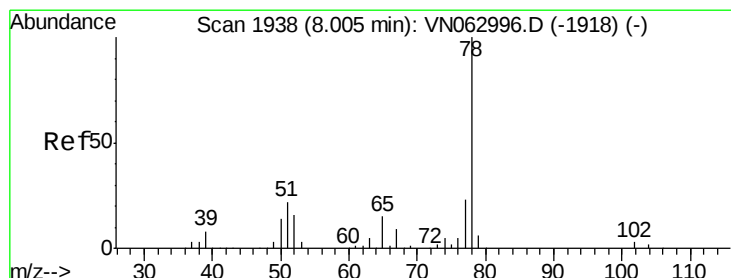
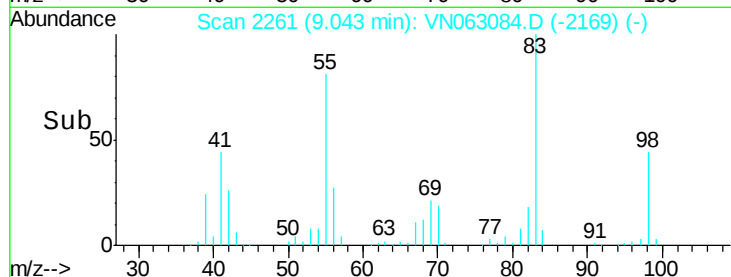
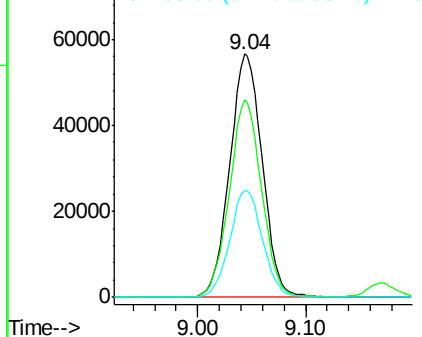
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	63.3	94.9
98	44.0	34.2	51.4

Manual Integrations
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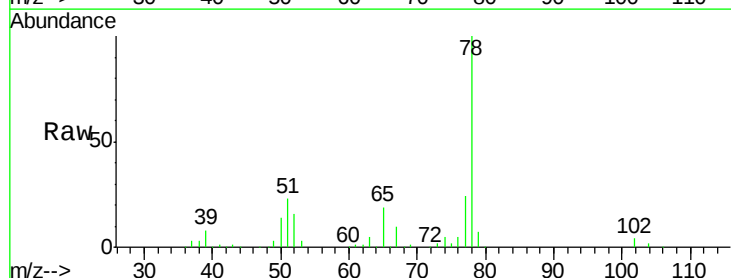


Abundance Ion 83.00 (82.70 to 83.70): VN062996.D (-2245) (-)

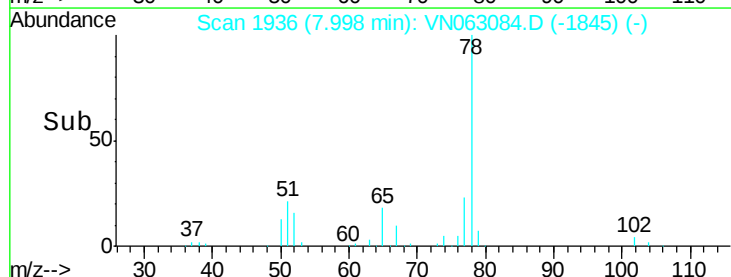
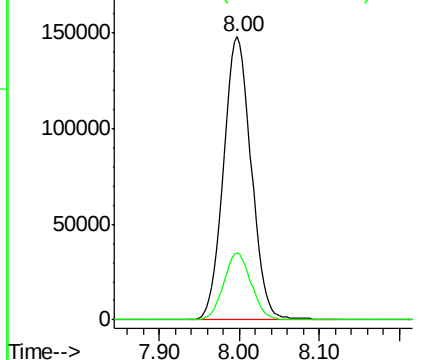


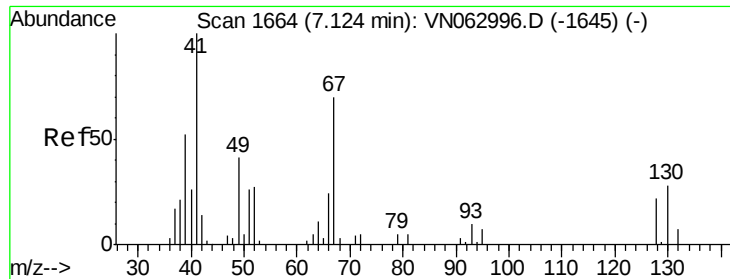
#40
Benzene
Concen: 52.077 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN062996.D (-1918) (-)





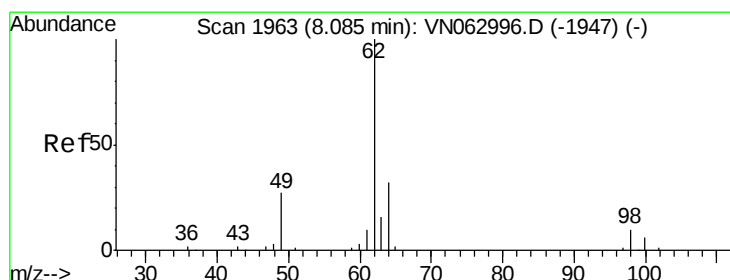
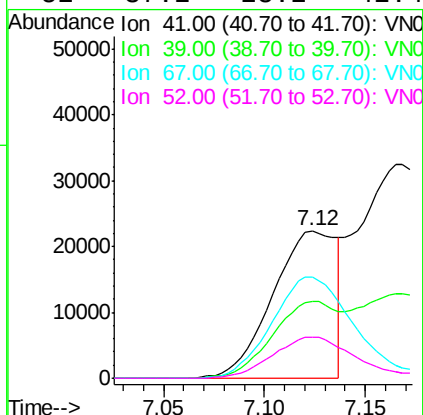
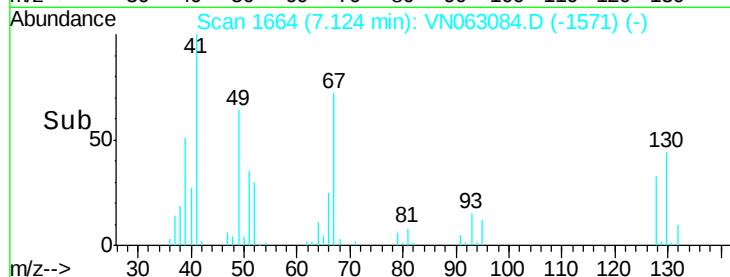
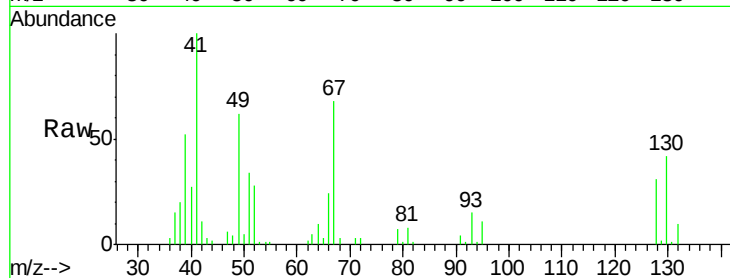
#41
Methacrylonitrile
Concen: 51.497 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	41.6	62.4	
67	90.0	71.8	107.8	
52	37.2	28.2	42.4	

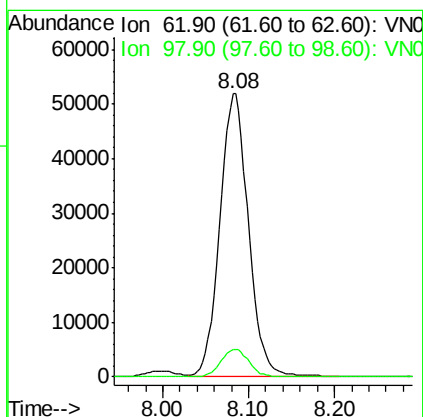
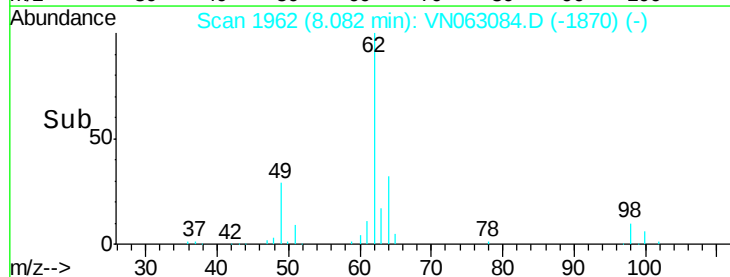
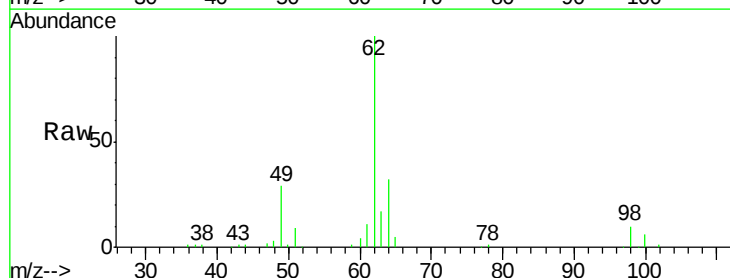
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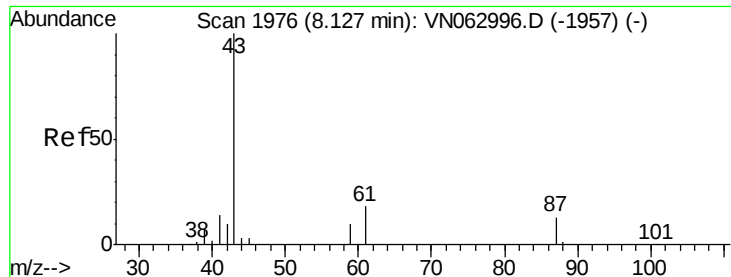
sam
8/24/2020 5:52:31 PM



#42
1,2-Dichloroethane
Concen: 53.197 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	18.4	





#43

Isopropyl Acetate

Concen: 51.748 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

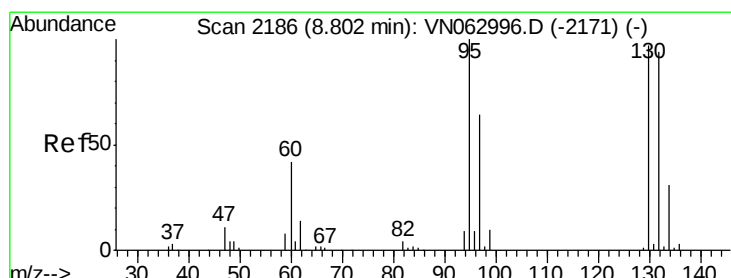
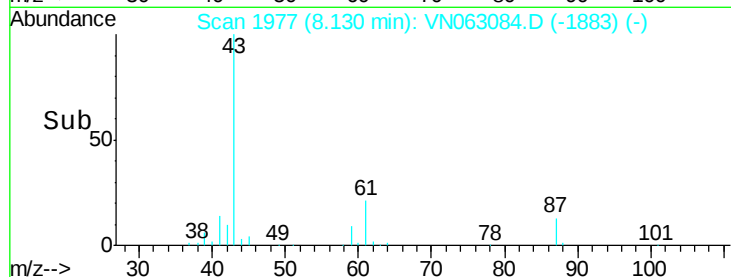
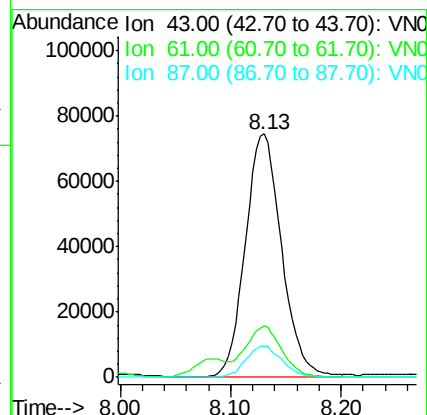
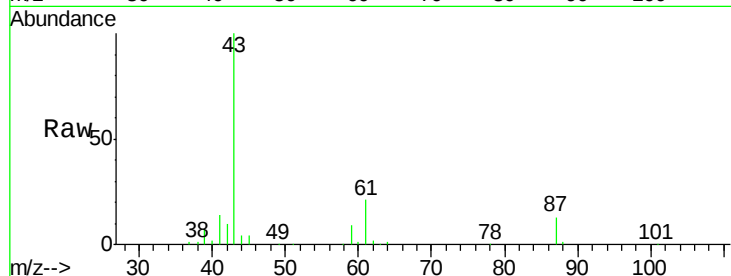
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	170575
Ion	Ratio	Lower	Upper
43	100		
61	21.0	22.6	33.8#
87	12.9	10.5	15.7

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sam
8/24/2020 5:52:31 PM



#44

Trichloroethene

Concen: 49.311 ug/l

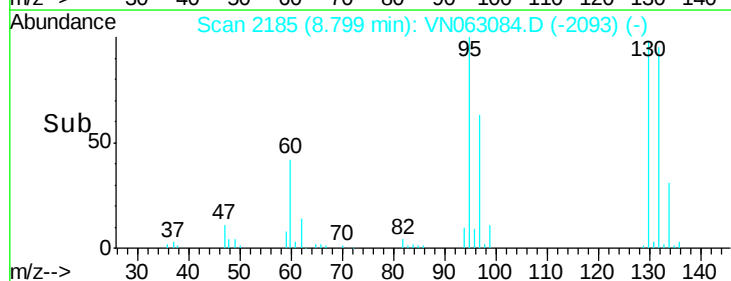
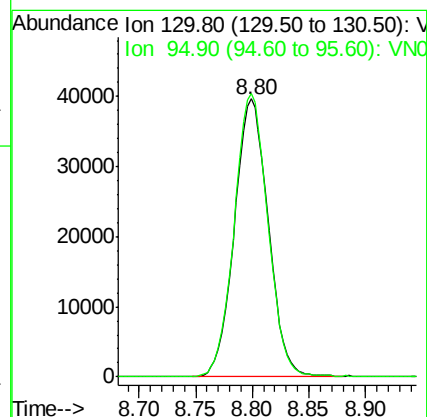
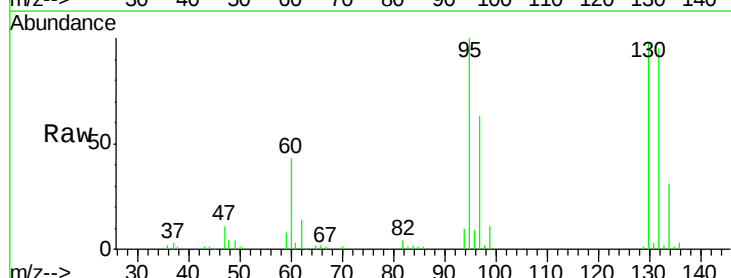
RT: 8.80 min Scan# 2185

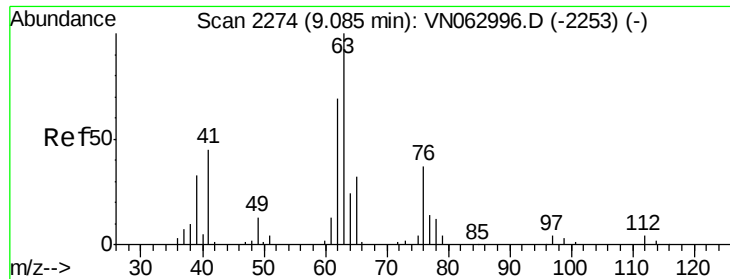
Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion:	130	Resp:	82608
Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	205.6





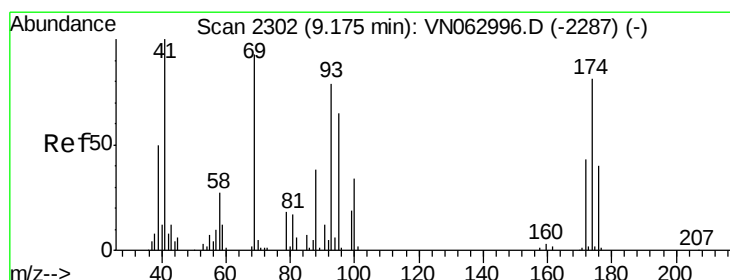
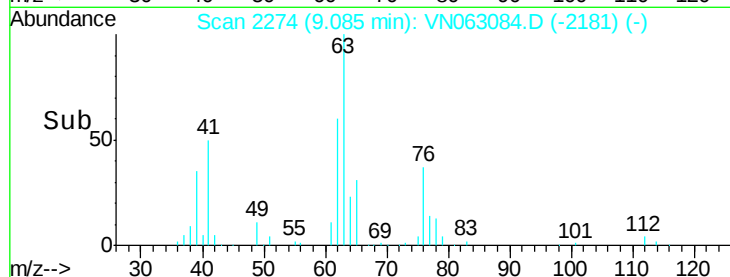
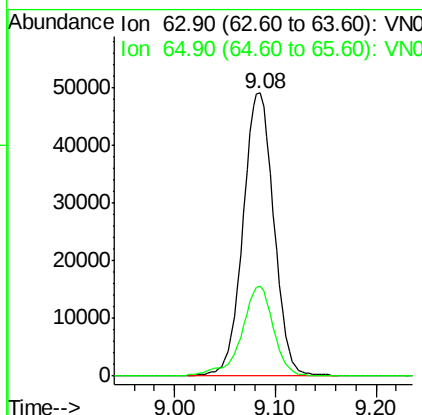
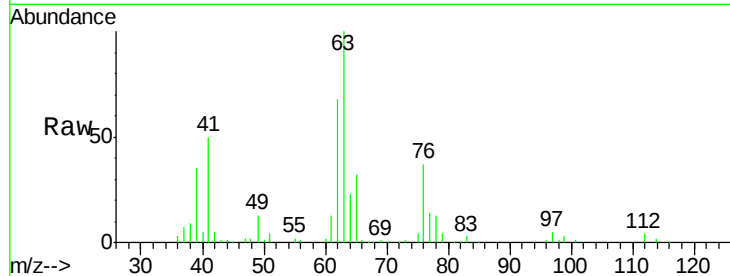
#45
 1,2-Dichloropropane
 Concen: 53.334 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.6	38.4

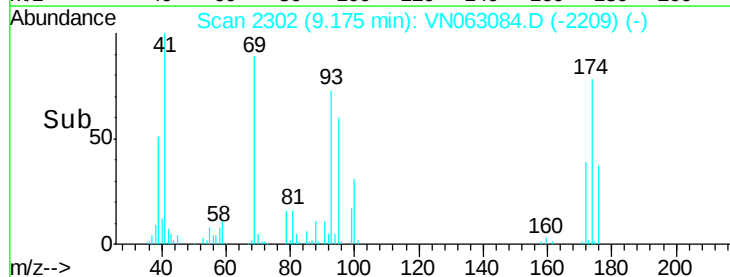
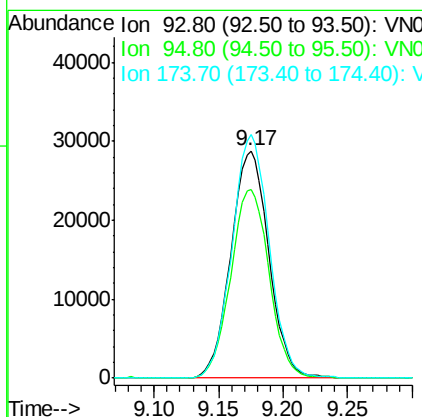
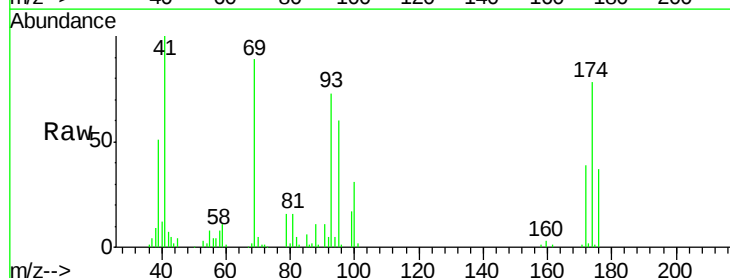
Manual Integrations
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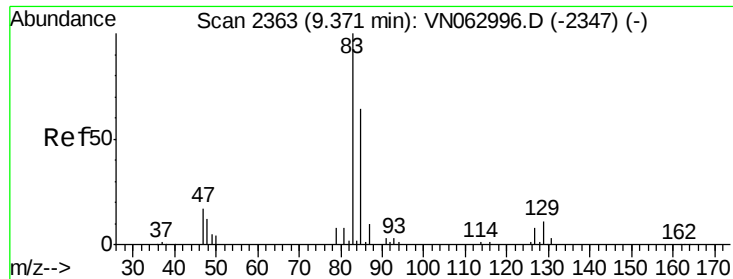
sam
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#46
 Dibromomethane
 Concen: 52.417 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.2	99.4
174	105.2	84.6	127.0





#47

Bromodichloromethane

Concen: 52.609 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

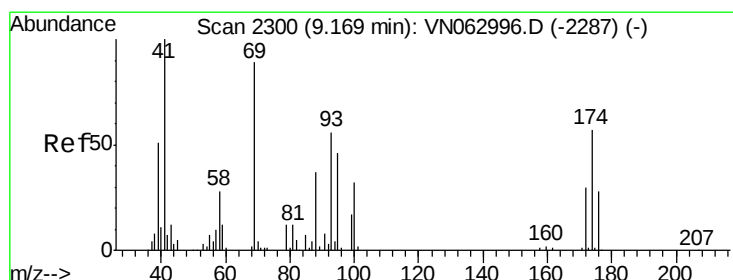
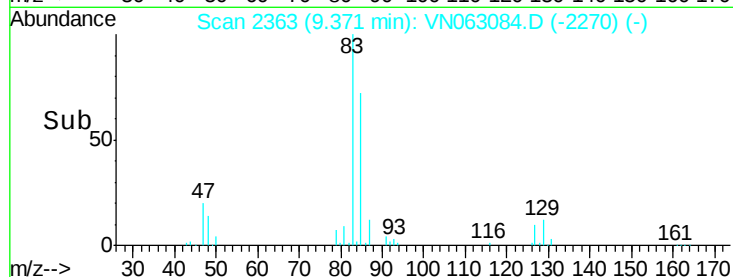
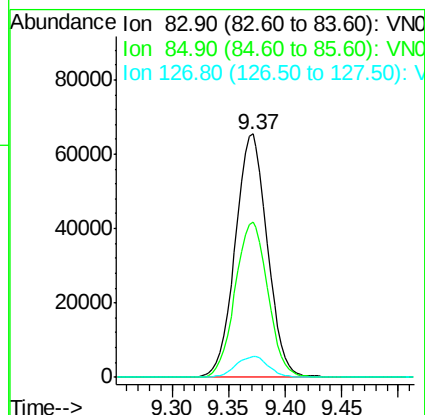
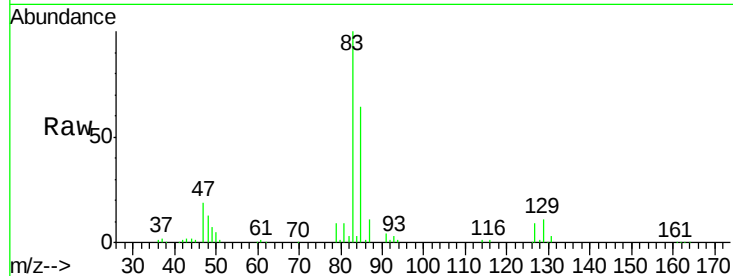
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	129585
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.1	76.7
127	8.5	6.6	9.8

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 53.316 ug/l

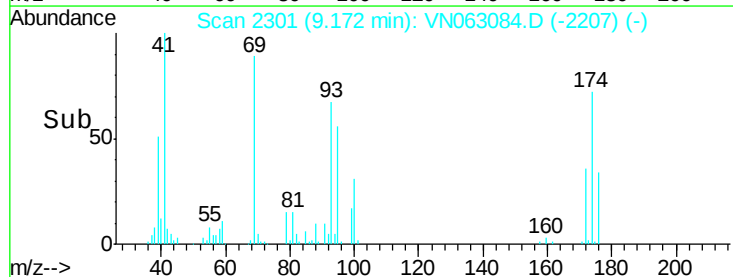
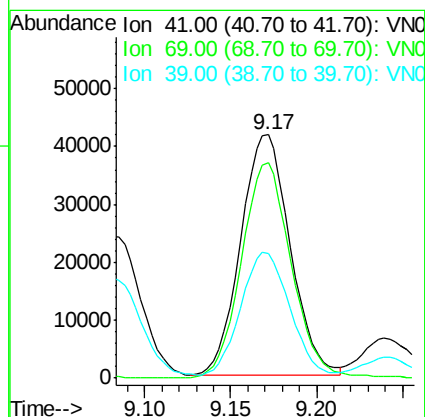
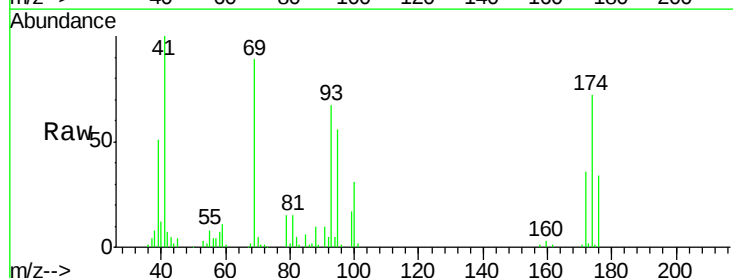
RT: 9.17 min Scan# 2301

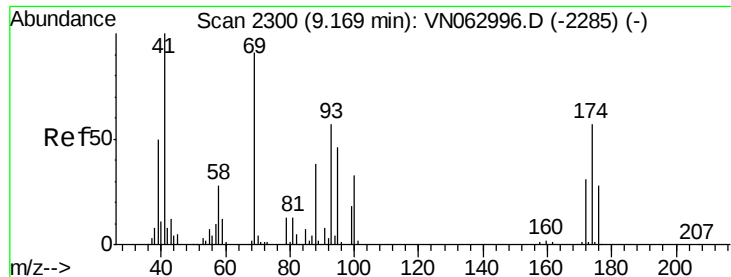
Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion:	41	Resp:	83153
Ion Ratio	Lower	Upper	
41	100		
69	90.6	74.2	111.4
39	52.9	42.5	63.7





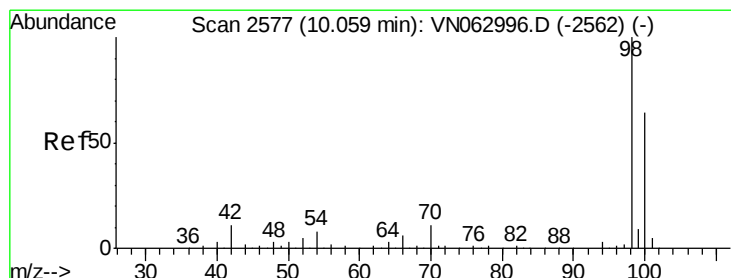
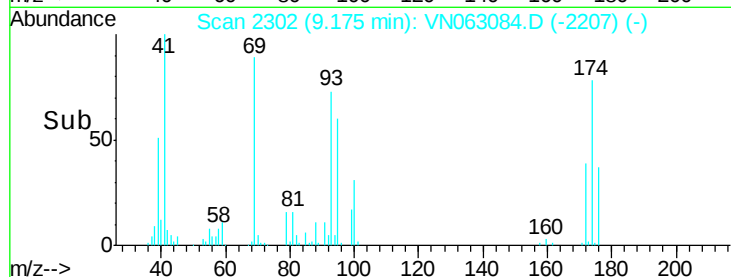
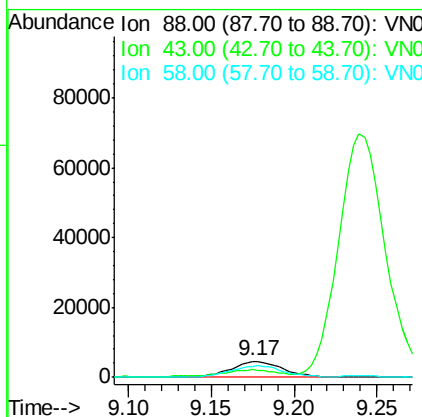
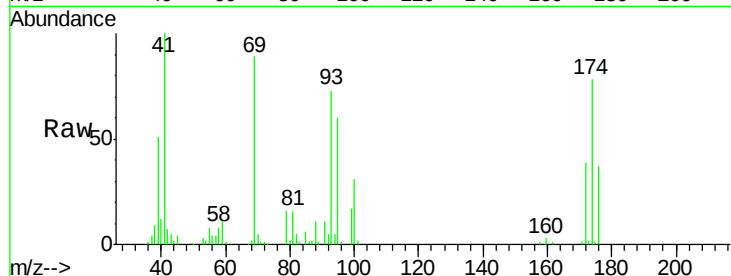
#49
1,4-Dioxane
Concen: 295.238 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. 0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	9757
Ion	Ratio	Lower	Upper
88	100		
43	44.7	25.2	37.8#
58	77.1	56.7	85.1

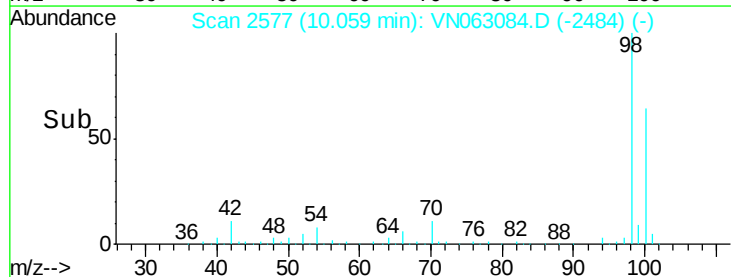
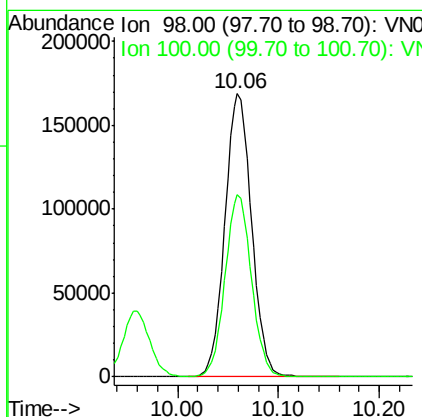
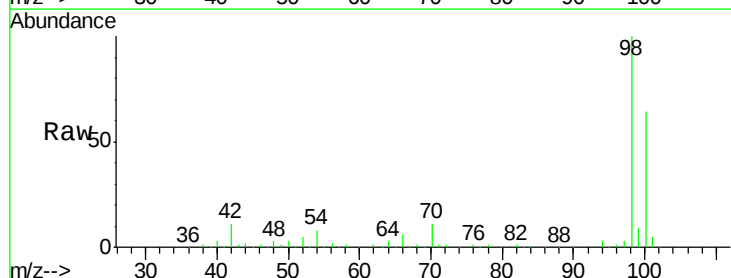
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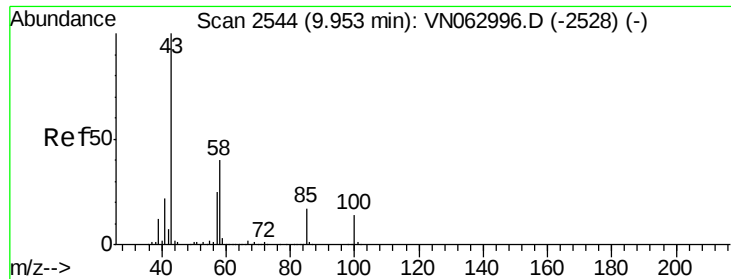
Sam
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#50
Toluene-d8
Concen: 51.788 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	98	Resp	312316
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 255.563 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 532475

Ion Ratio Lower Upper

43 100

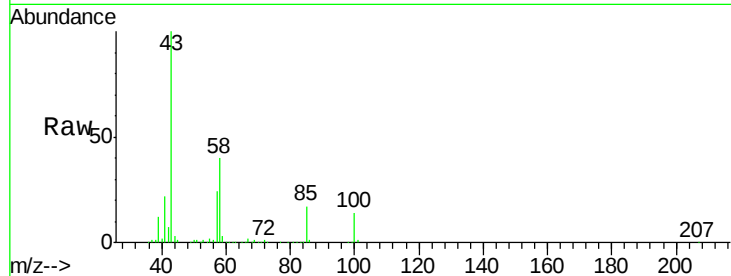
58 39.9 32.2 48.2

Manual Integrations

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Sam

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Abundance Ion 43.00 (42.70 to 43.70): VN063084.D (-2545) (-)

Ion 58.00 (57.70 to 58.70): VN063084.D (-2545) (-)

9.96

300000

250000

200000

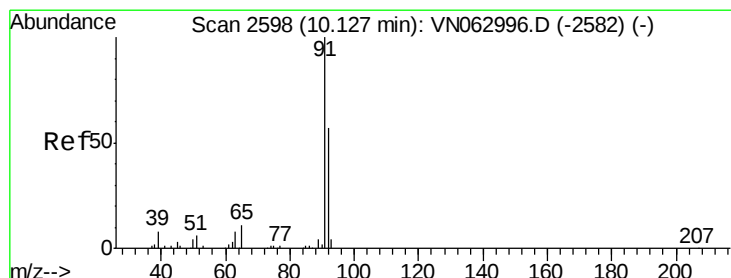
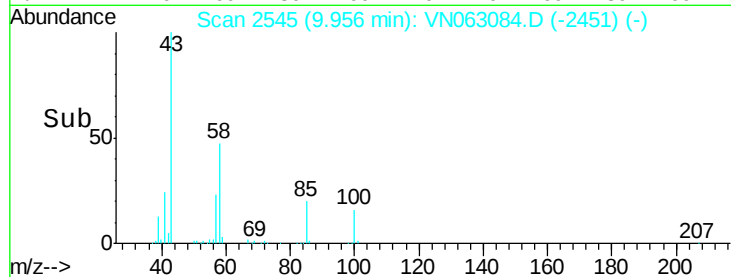
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 53.208 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063084.D

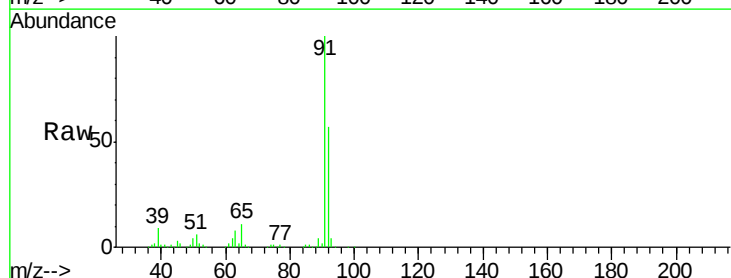
Acq: 21 Aug 2020 16:39

Tgt Ion: 92 Resp: 216164

Ion Ratio Lower Upper

92 100

91 176.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN063084.D (-2597) (-)

Ion 91.00 (90.70 to 91.70): VN063084.D (-2597) (-)

10.12

250000

200000

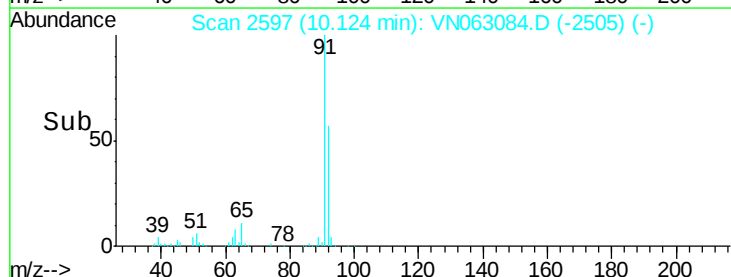
150000

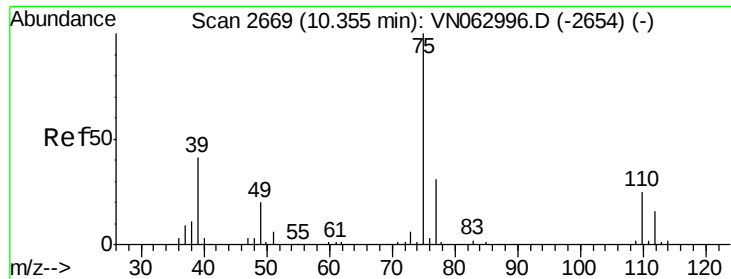
100000

50000

0

Time-->





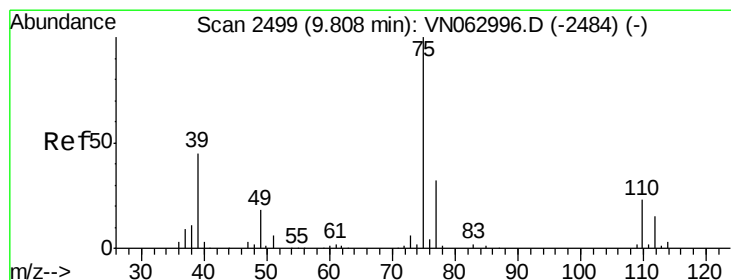
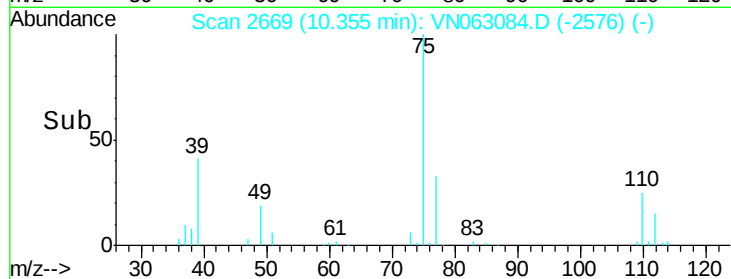
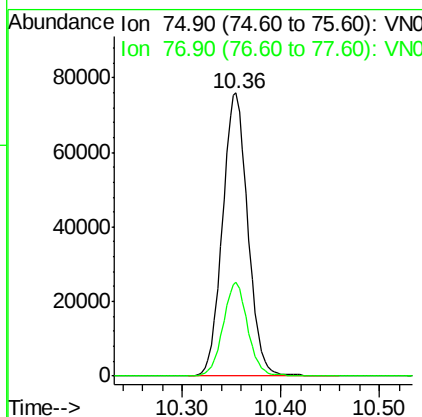
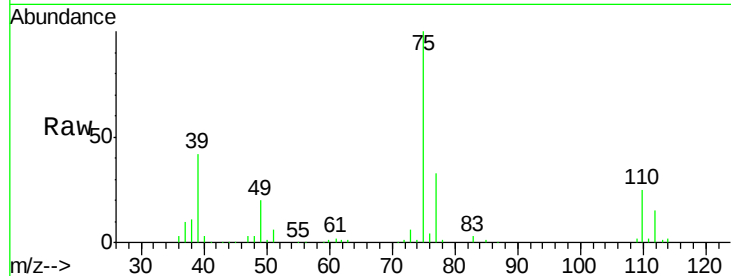
#53
 t-1,3-Dichloropropene
 Concen: 53.780 ug/l
 RT: 10.36 min Scan# 2669
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.6	37.0

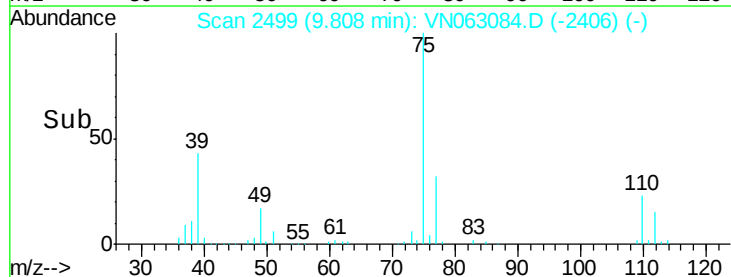
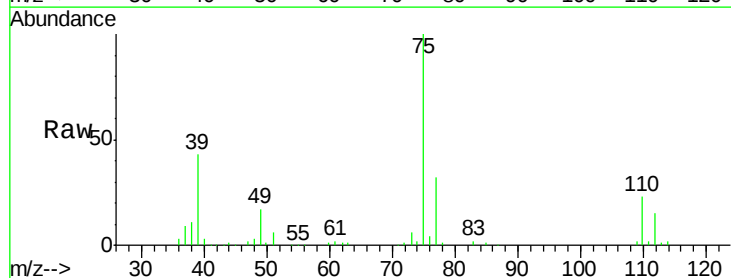
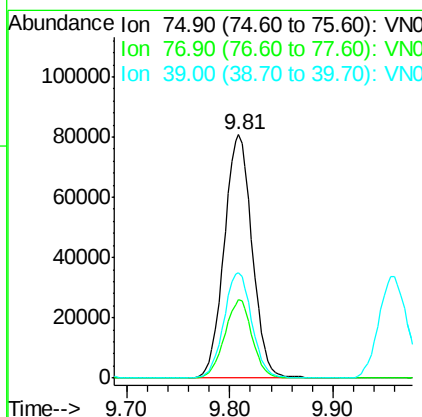
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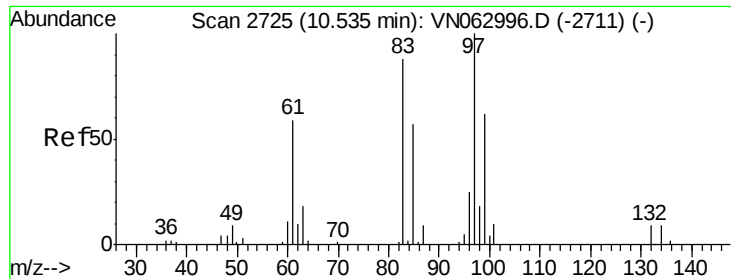
sam
 8/24/2020 5:52:31 PM



#54
 cis-1,3-Dichloropropene
 Concen: 54.623 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.2
39	43.5	35.7	53.5





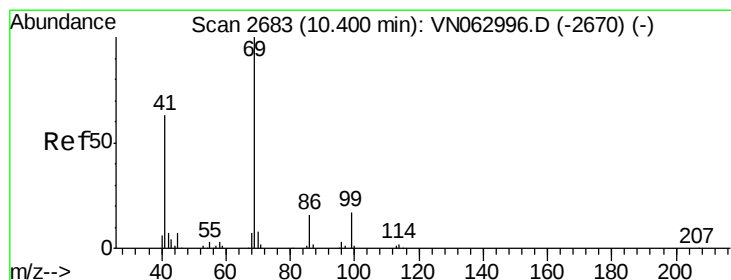
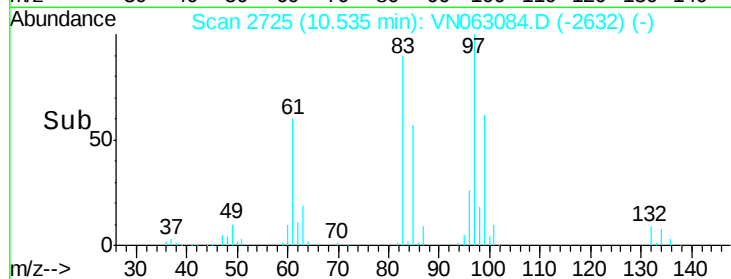
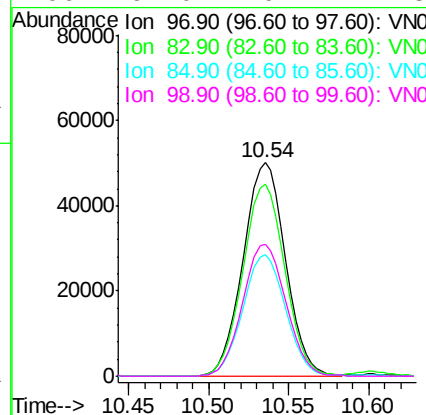
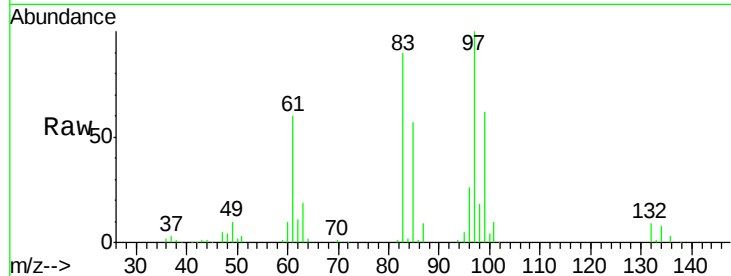
#55
 1,1,2-Trichloroethane
 Concen: 52.105 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	90514
Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.5	105.7
85	57.0	45.8	68.6
99	62.0	49.7	74.5

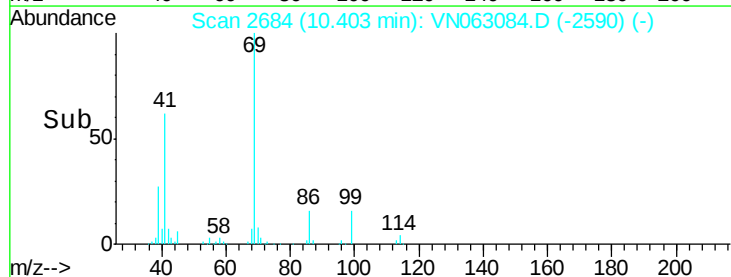
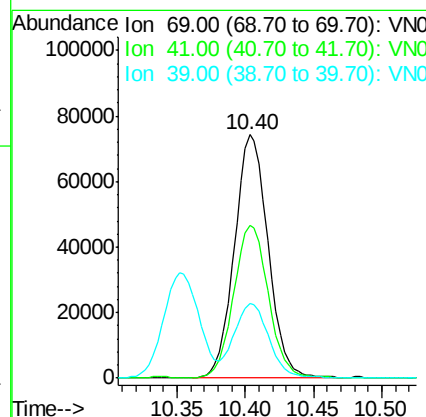
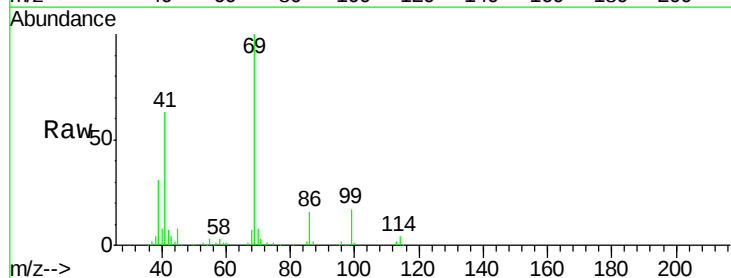
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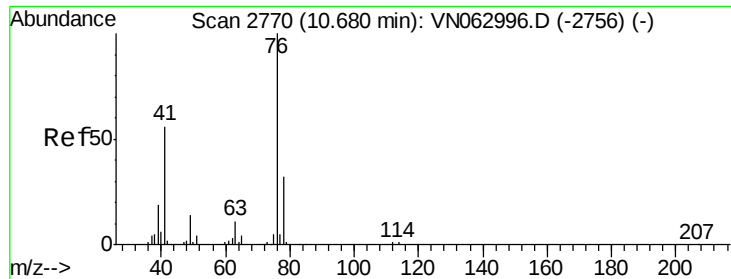
sam
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#56
 Ethyl methacrylate
 Concen: 47.674 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	69	Resp	127683
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.2	75.2
39	31.3	24.2	36.4





#57

1,3-Dichloropropane

Concen: 53.323 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 153815

Ion Ratio Lower Upper

76 100

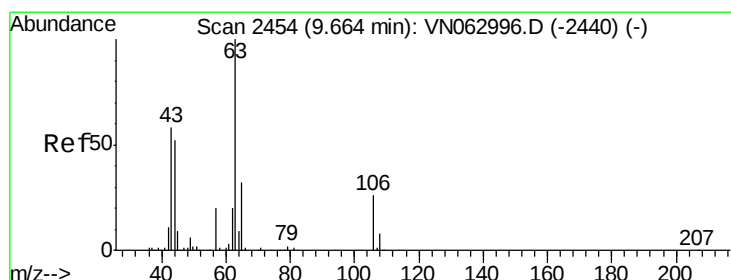
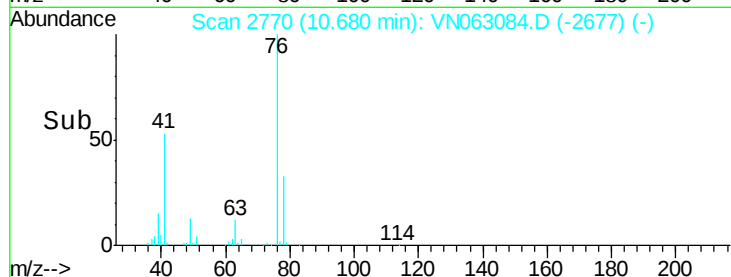
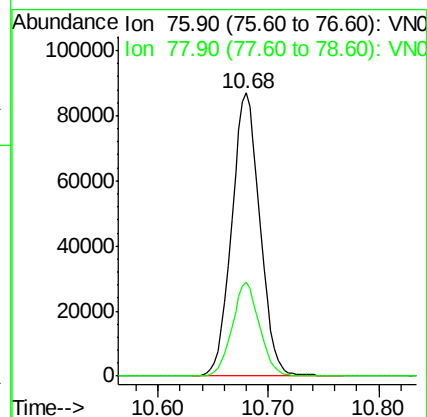
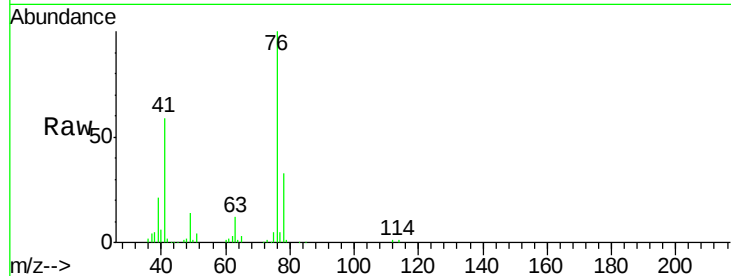
78 32.0 26.1 39.1

Manual Integrations

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sam

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#58

2-Chloroethyl Vinyl ether

Concen: 276.814 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VN063084.D

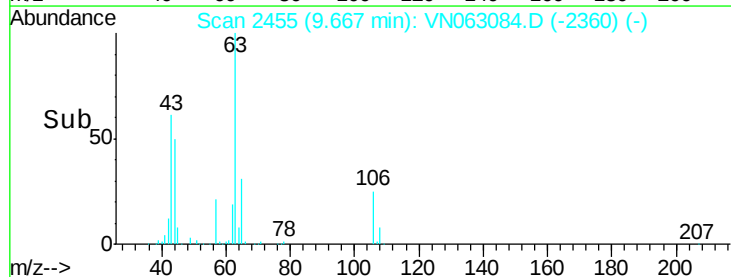
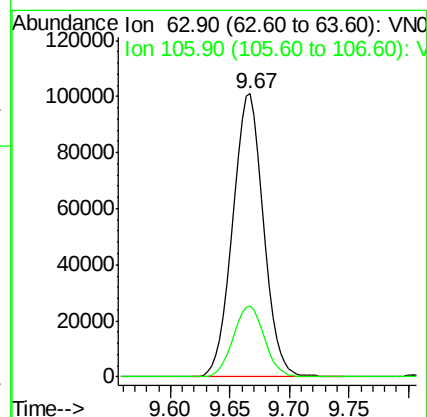
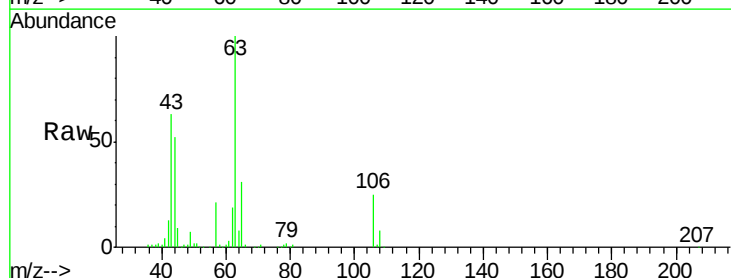
Acq: 21 Aug 2020 16:39

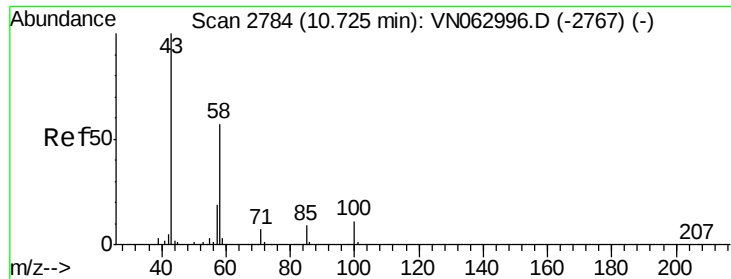
Tgt Ion: 63 Resp: 181456

Ion Ratio Lower Upper

63 100

106 25.3 20.7 31.1





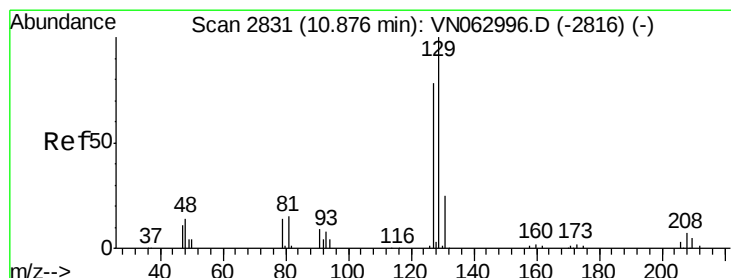
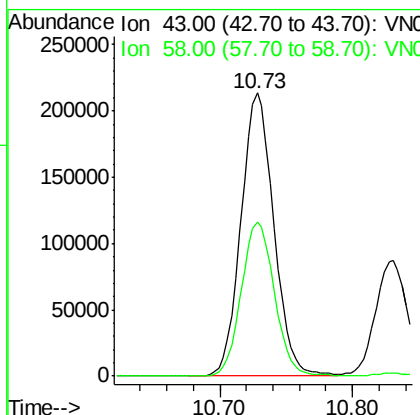
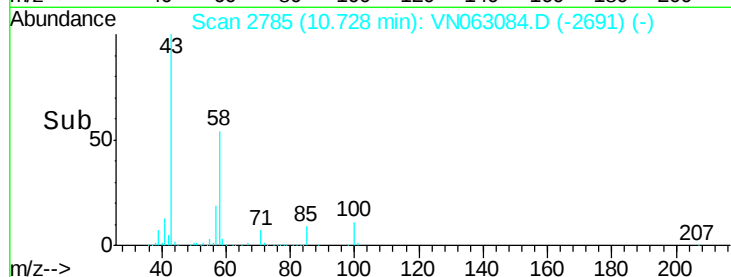
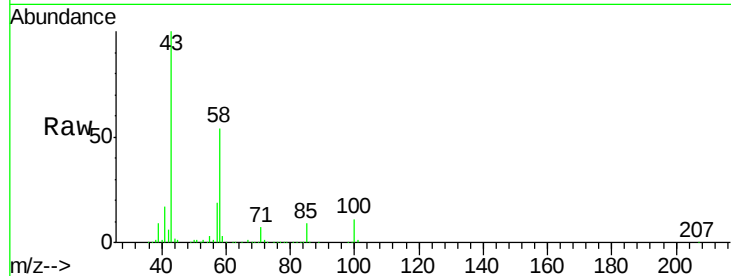
#59
2-Hexanone
Concen: 251.372 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 365323
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.3

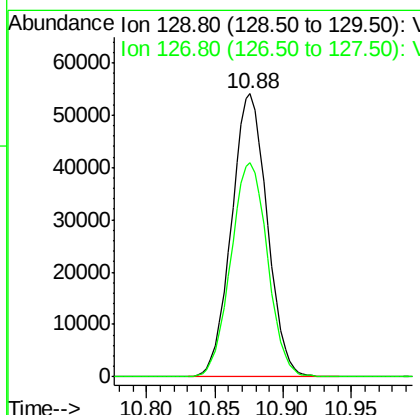
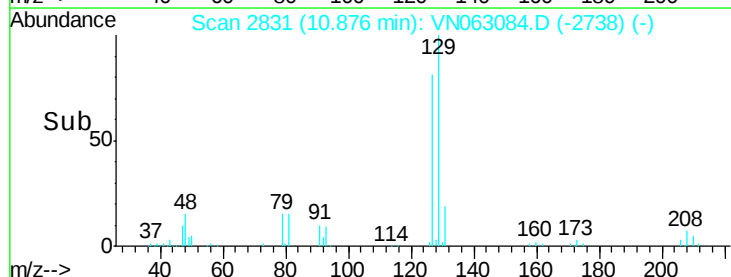
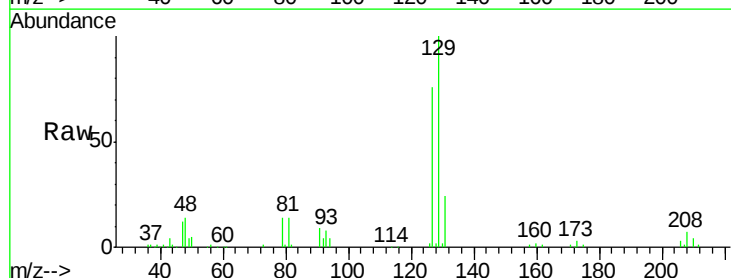
Manual Integrations
APPROVED

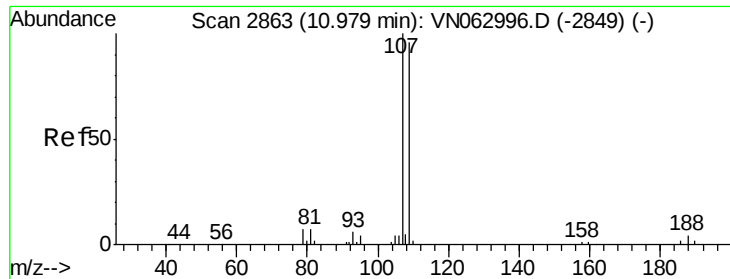
sam
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#60
Dibromochloromethane
Concen: 51.214 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 129 Resp: 98455
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





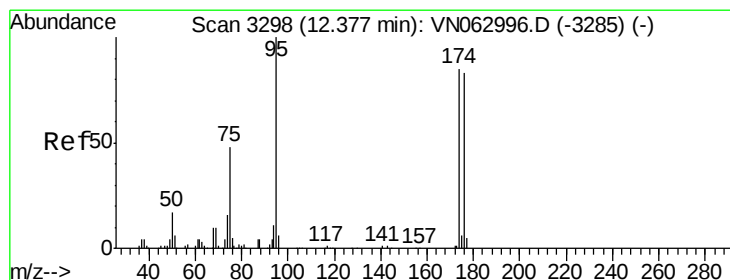
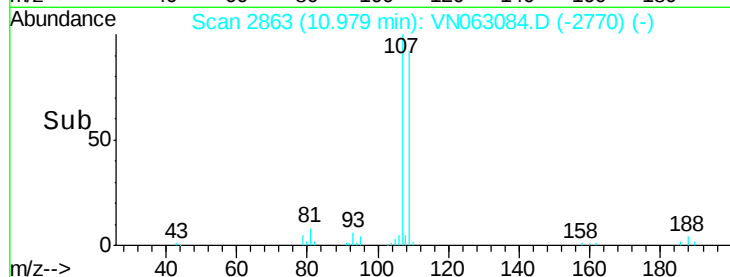
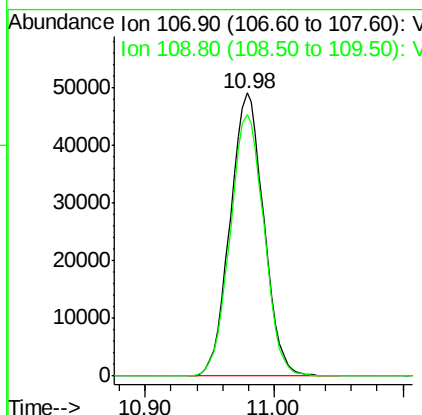
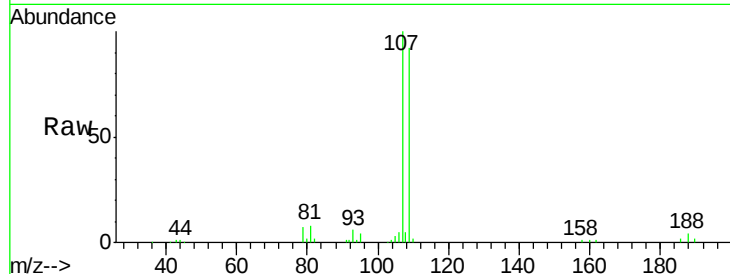
#61
 1,2-Dibromoethane
 Concen: 53.323 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.7	113.5

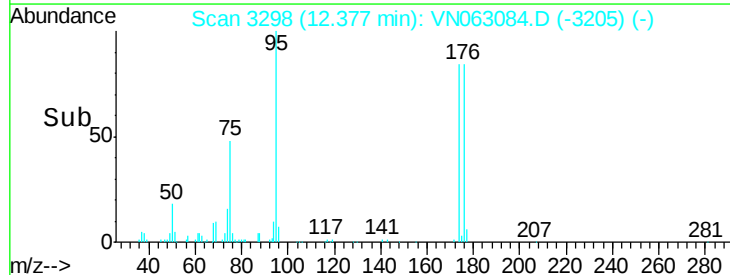
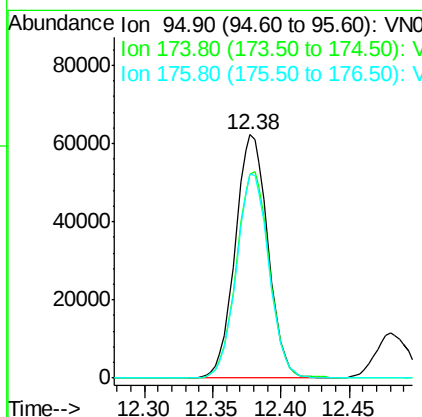
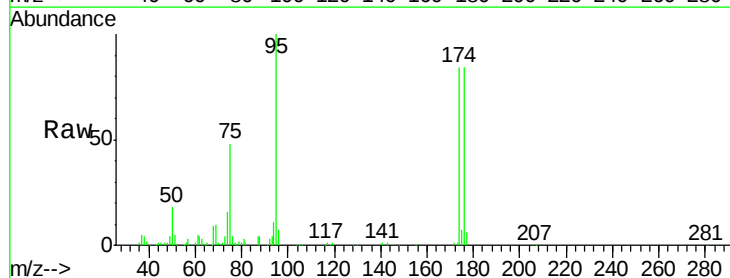
Manual Integrations
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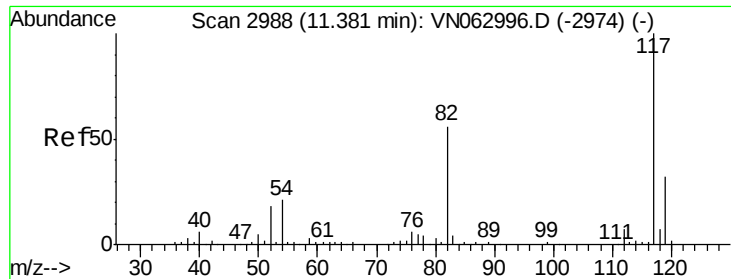
sam
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#62
 4-Bromofluorobenzene
 Concen: 48.773 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	170.8
176	82.9	0.0	164.8





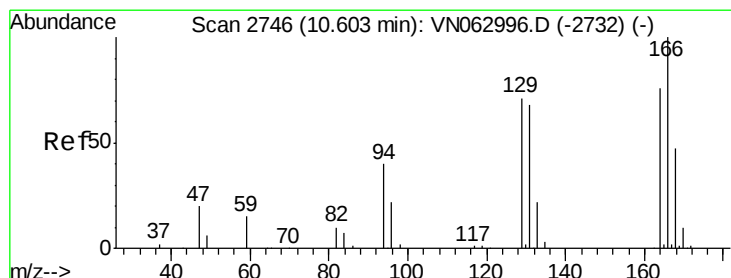
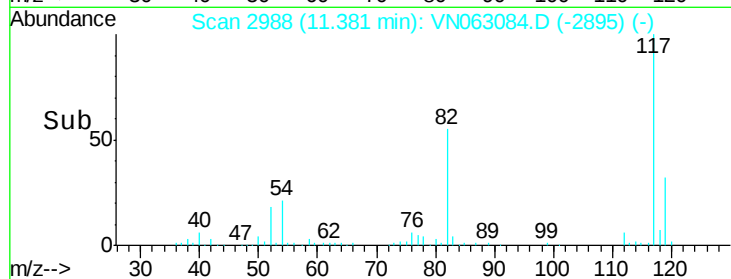
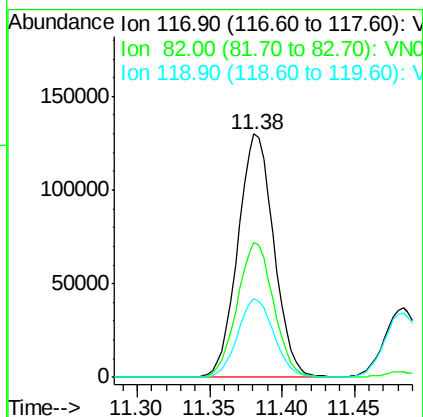
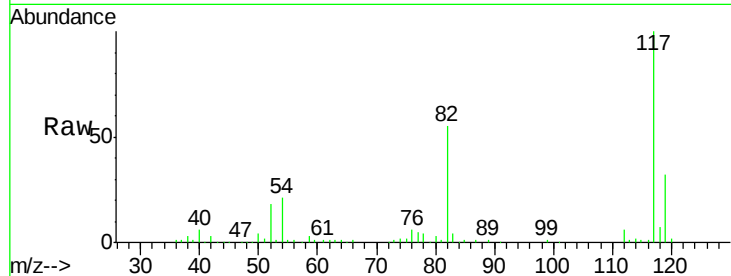
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.5	66.7
119	32.4	25.5	38.3

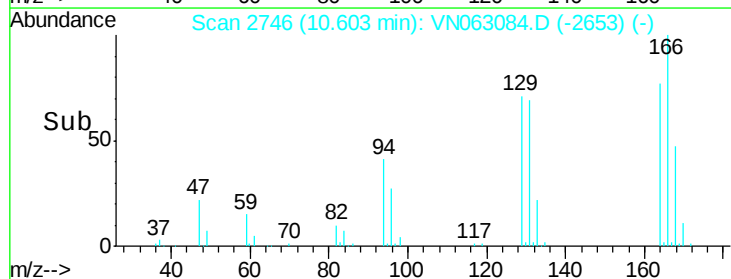
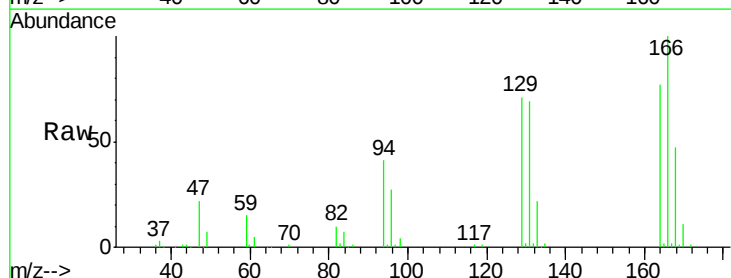
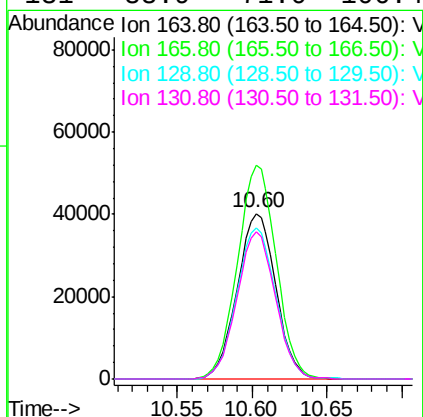
Manual Integrations
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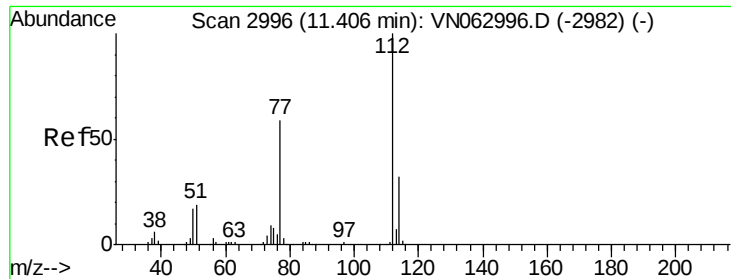
sam
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#64
Tetrachloroethene
Concen: 48.818 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	105.0	157.6
129	91.3	74.7	112.1
131	88.9	71.0	106.4





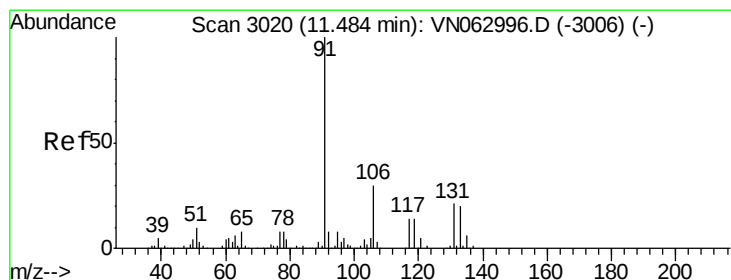
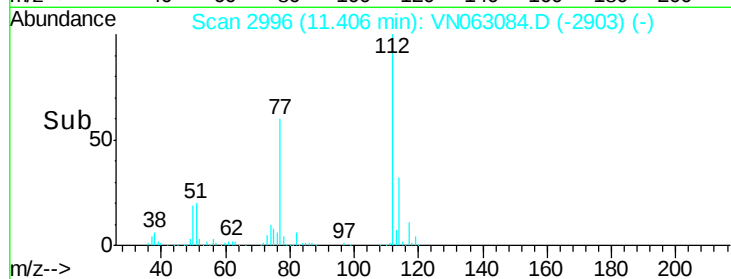
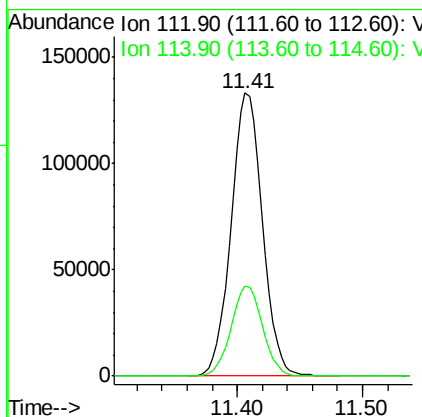
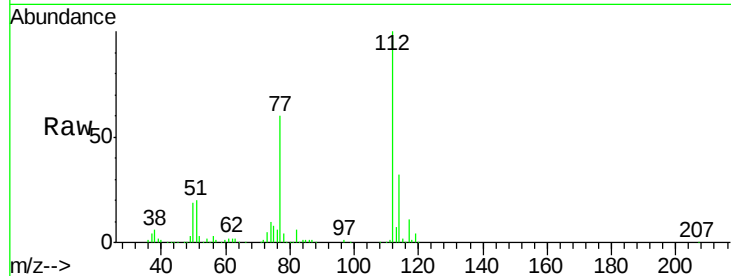
#65
Chlorobenzene
Concen: 51.121 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.3	37.9

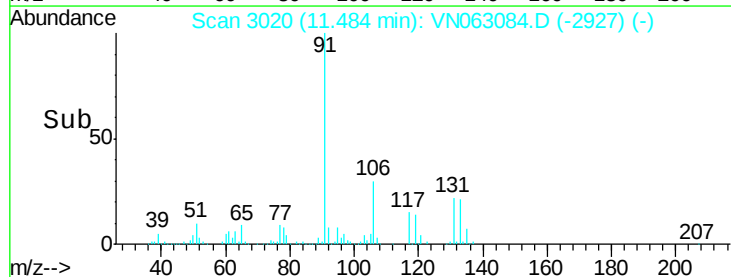
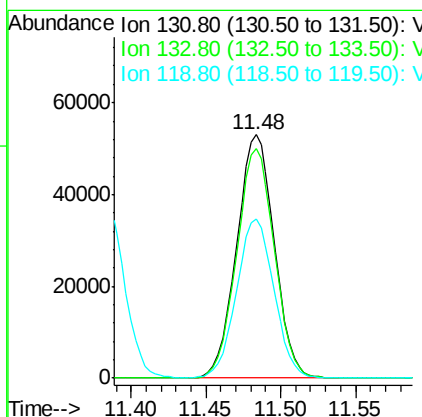
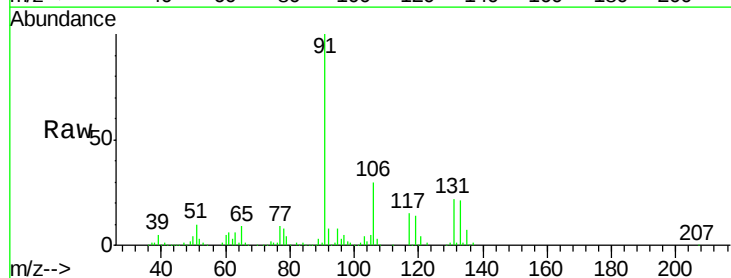
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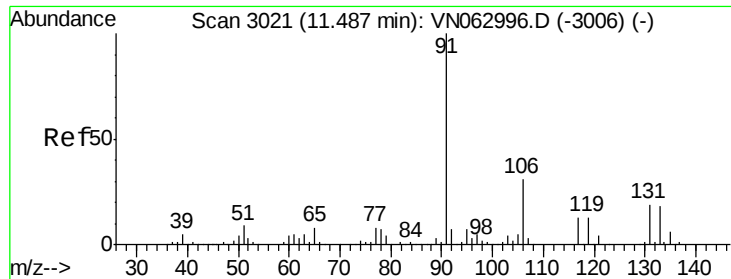
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.710 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.5	142.6
119	65.4	33.1	99.3





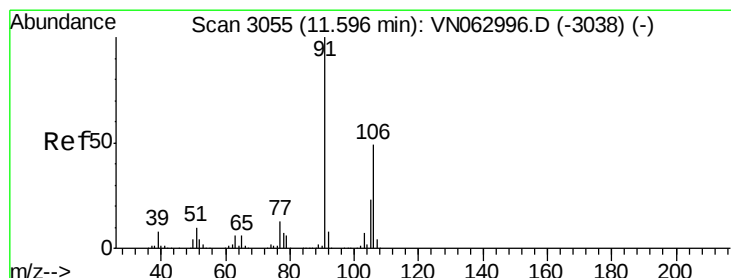
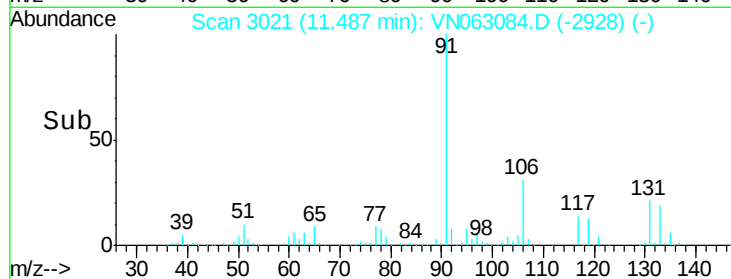
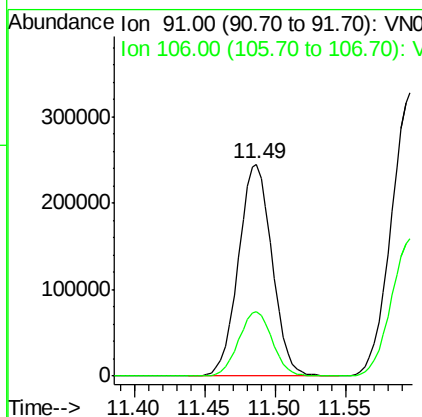
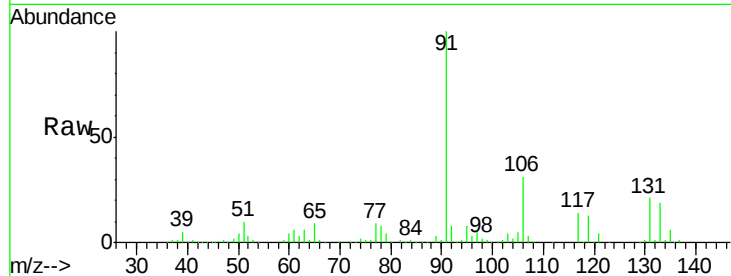
#67
Ethyl Benzene
Concen: 53.606 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 409149
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

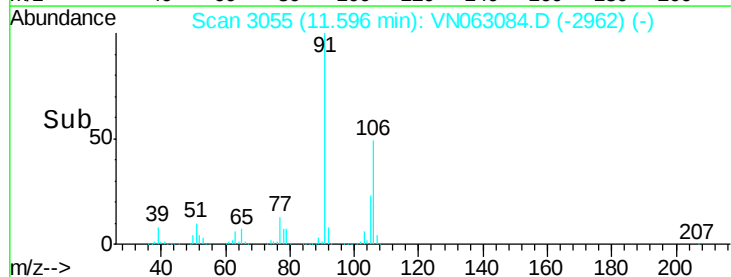
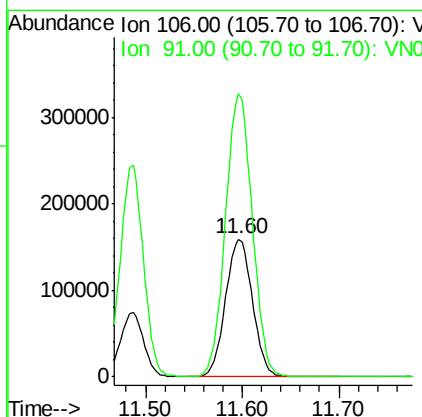
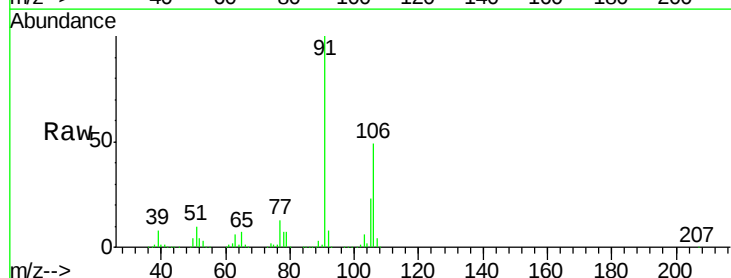
Manual Integrations
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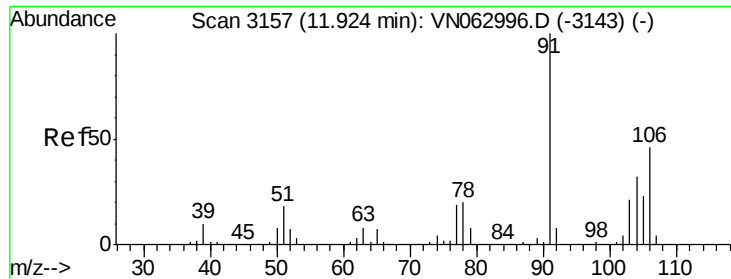
sam
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#68
m/p-Xylenes
Concen: 108.831 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 106 Resp: 308726
Ion Ratio Lower Upper
106 100
91 204.1 163.0 244.4





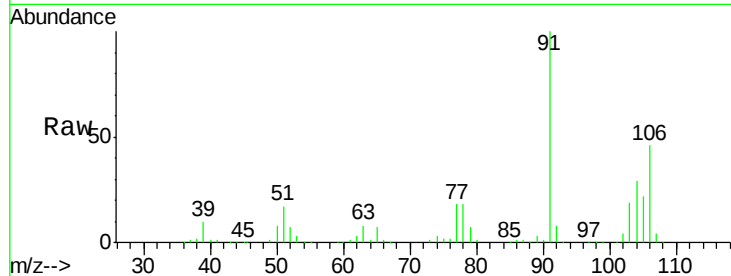
#69
o-Xylene
Concen: 53.102 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

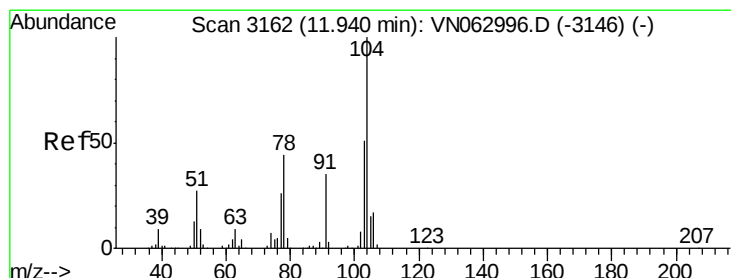
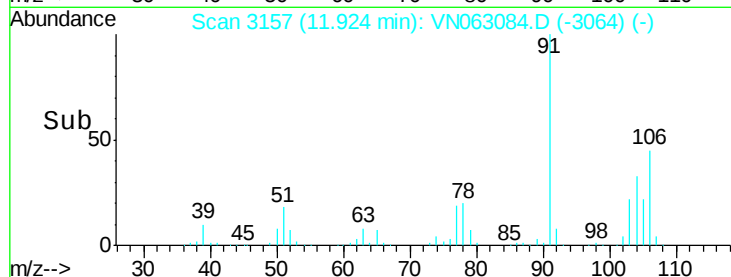
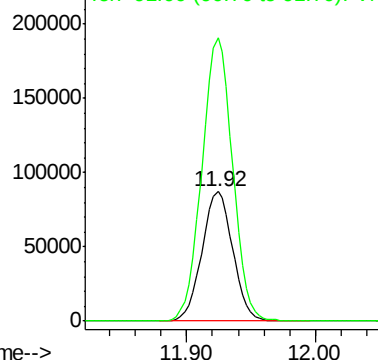
Tot Ion:106 Resp: 144653
Ion Ratio Lower Upper
106 100
91 218.2 107.3 321.9

Manual Integrations
APPROVED

sam
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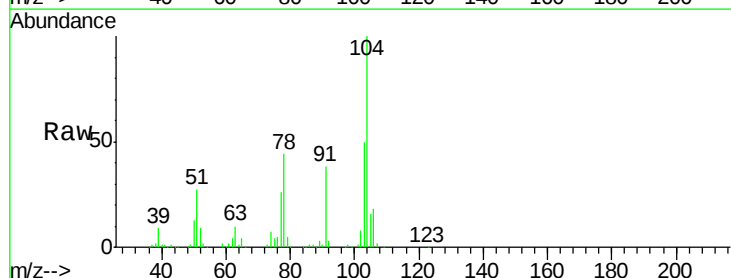


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

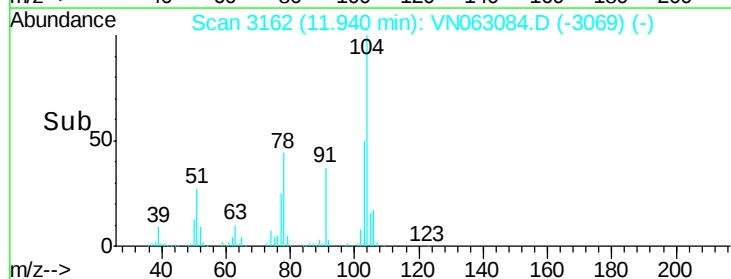
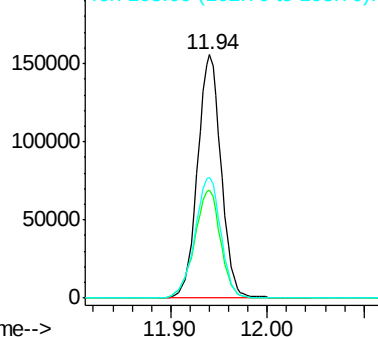


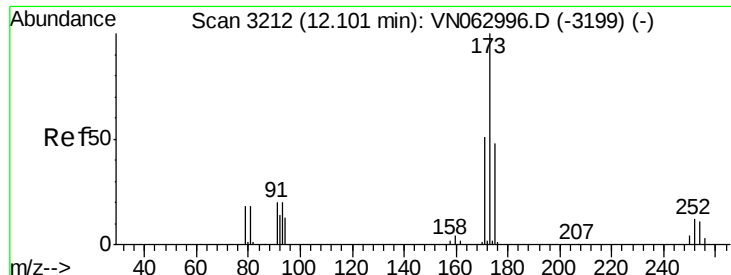
#70
Styrene
Concen: 48.704 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion:104 Resp: 263005
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 54.6 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.336 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 70393

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.8

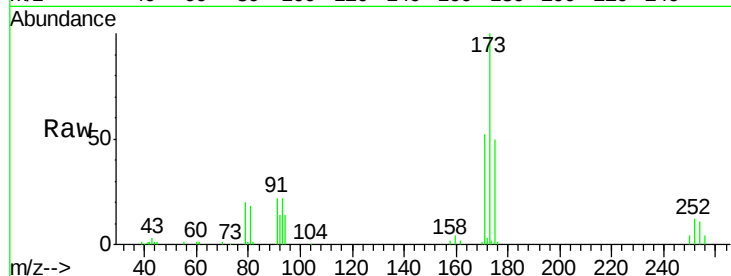
254 0.0 0.0 0.0

Manual Integrations

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sam

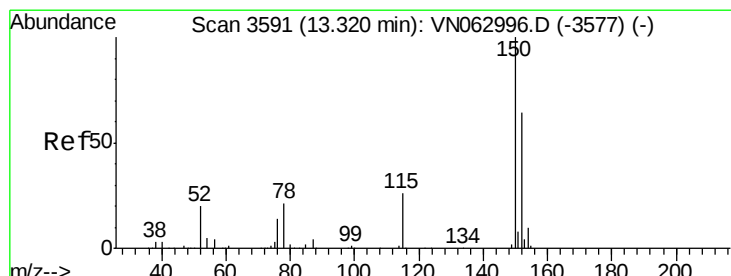
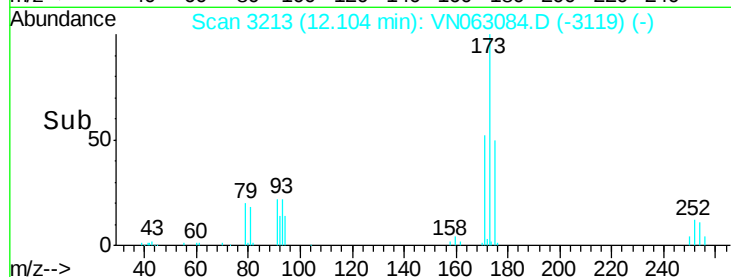
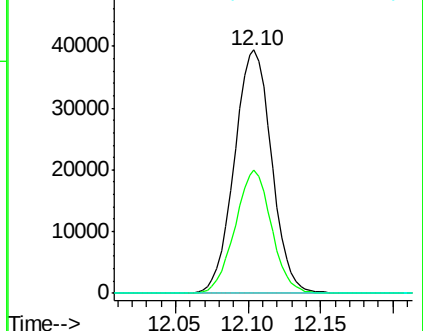
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

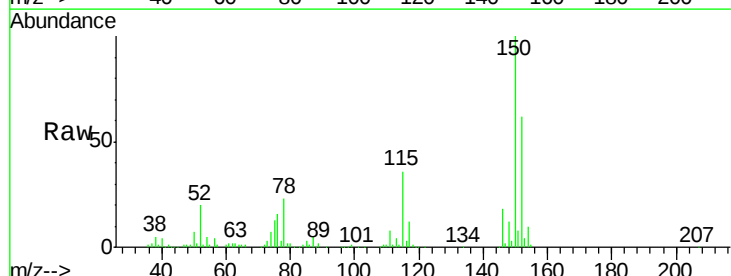
Tgt Ion:152 Resp: 106227

Ion Ratio Lower Upper

152 100

115 58.3 28.7 86.3

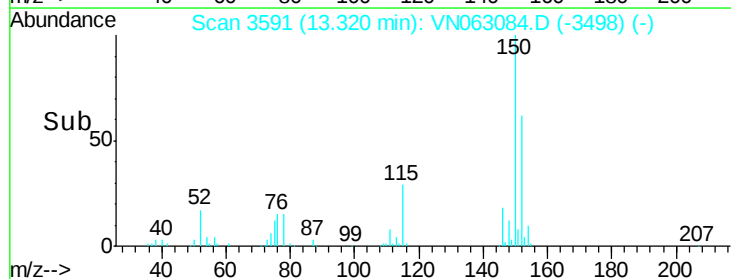
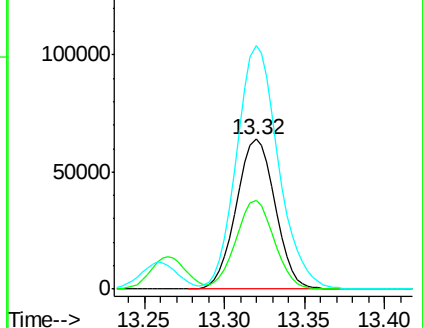
150 174.1 0.0 348.8

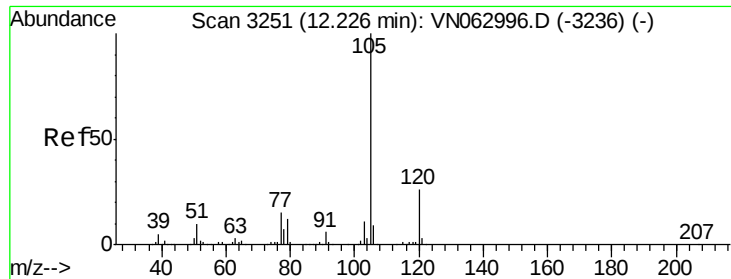


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.928 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 385020

Ion Ratio Lower Upper

105 100

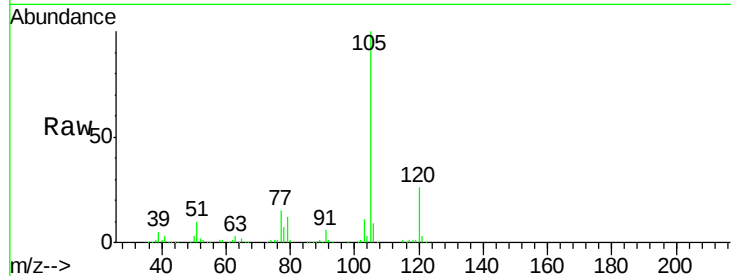
120 25.8 13.2 39.6

Manual Integrations

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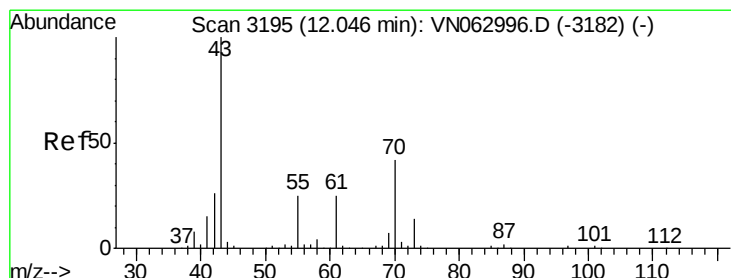
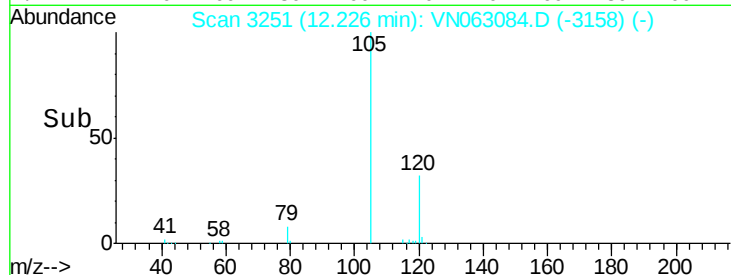
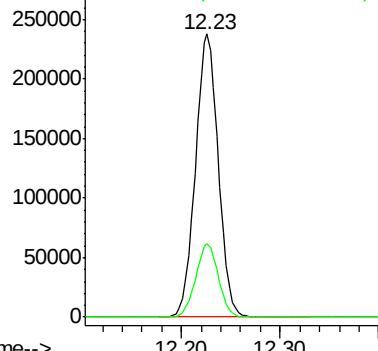
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 58.359 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion: 43 Resp: 152046

Ion Ratio Lower Upper

43 100

70 41.5 33.4 50.0

55 25.6 20.2 30.2

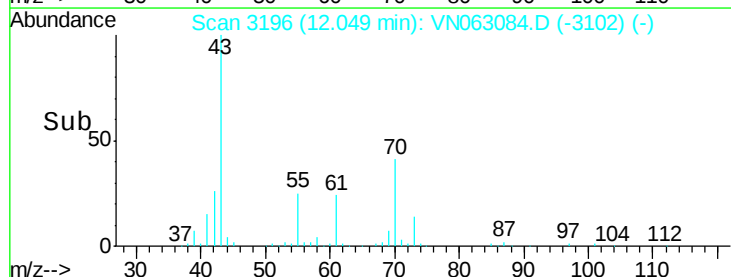
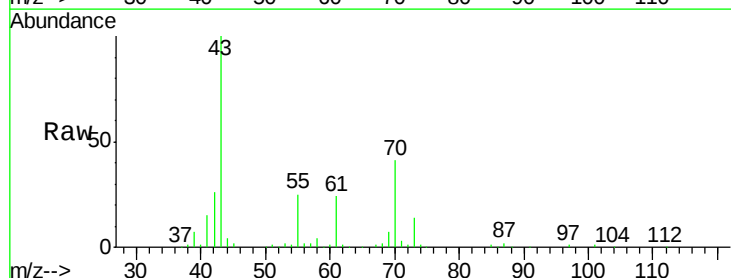
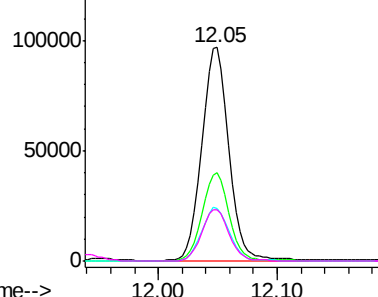
61 24.7 19.9 29.9

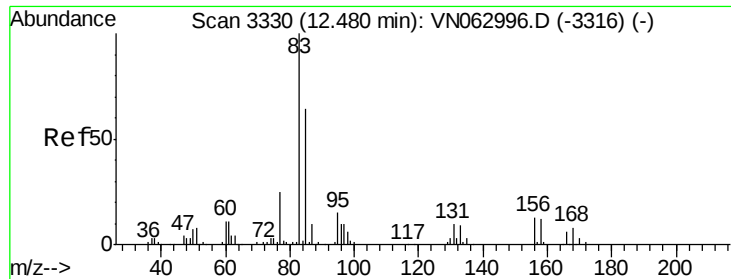
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 55.406 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 129633

Ion Ratio Lower Upper

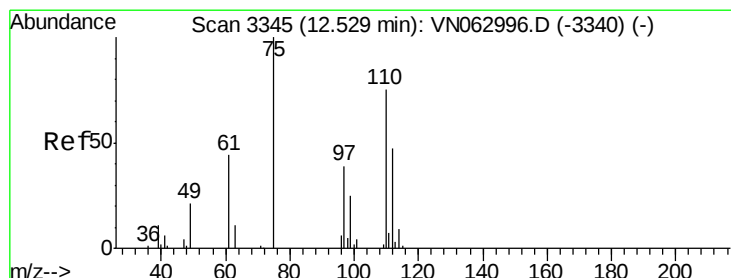
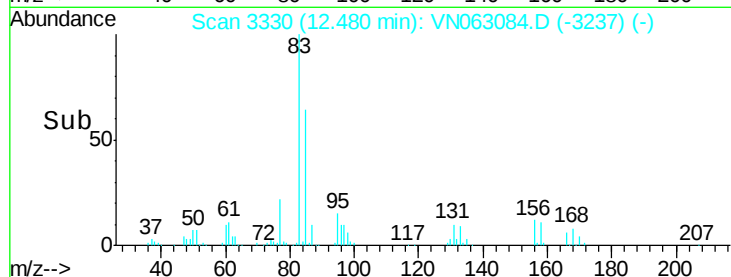
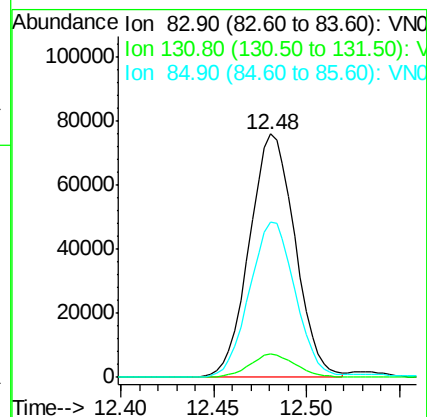
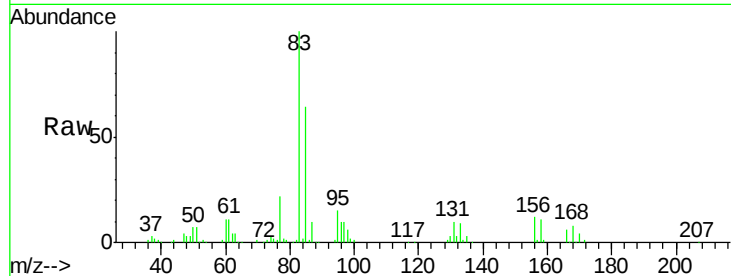
83 100

131 9.6 4.9 14.7

85 63.8 31.9 95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.875 ug/l m

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063084.D

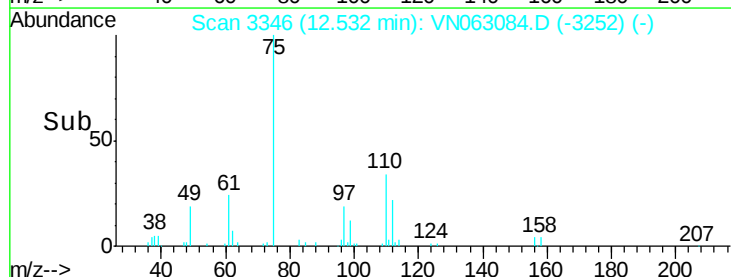
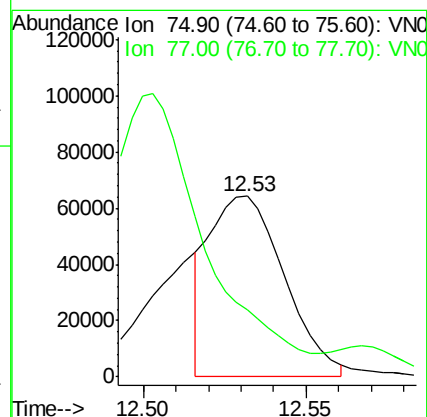
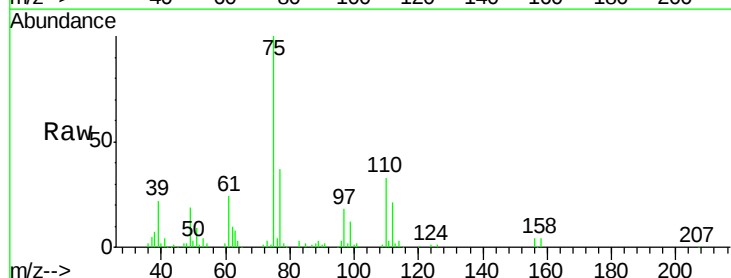
Acq: 21 Aug 2020 16:39

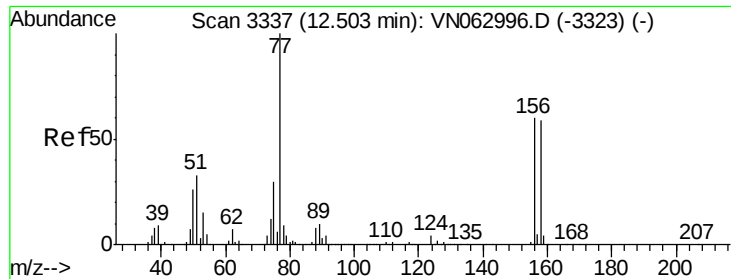
Tgt Ion: 75 Resp: 102983

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.423 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

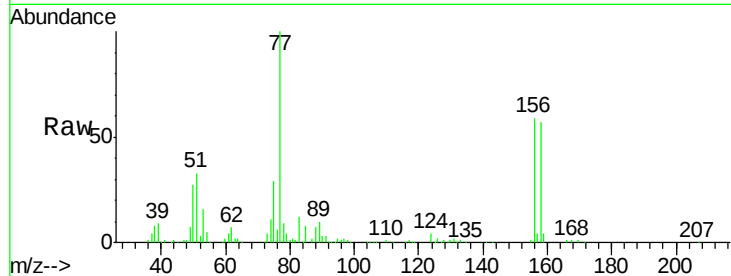
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	102881
Ion Ratio	Lower	Upper	
156	100		
77	206.5	101.0	302.9
158	97.7	49.4	148.0

Manual Integrations
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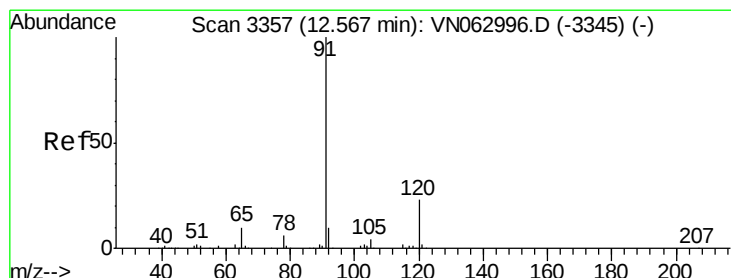
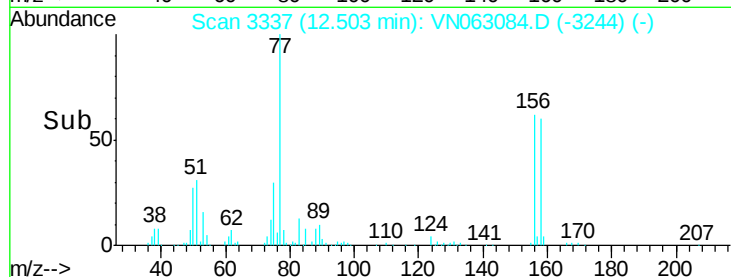
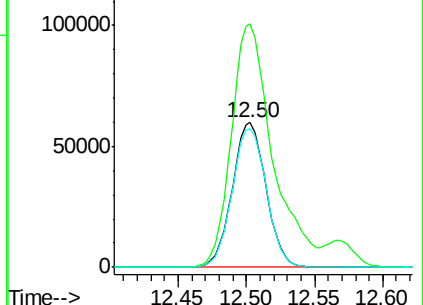
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.043 ug/l

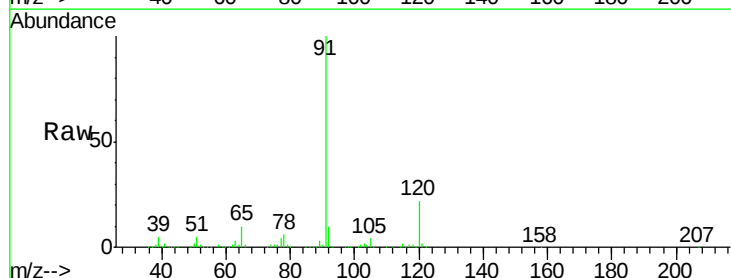
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063084.D

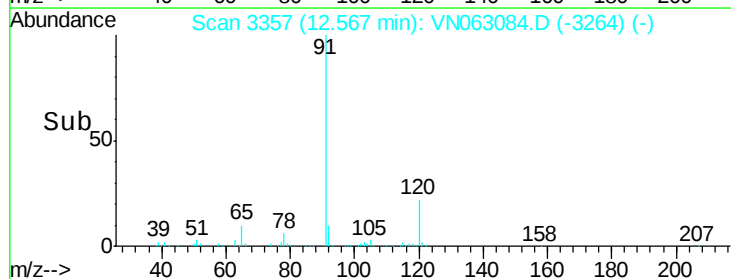
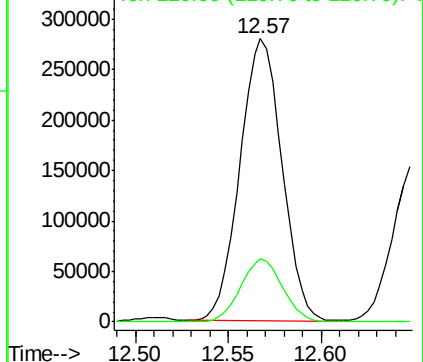
Acq: 21 Aug 2020 16:39

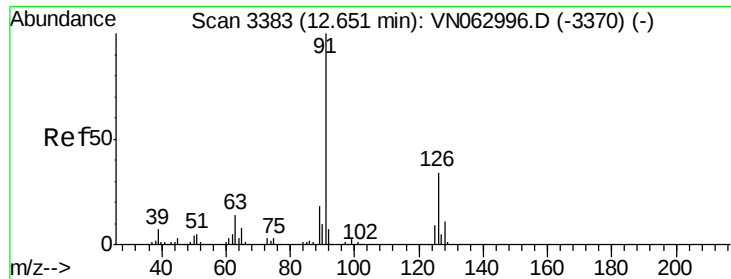
Tgt Ion:	91	Resp:	439809
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.769 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 264773

Ion Ratio Lower Upper

91 100

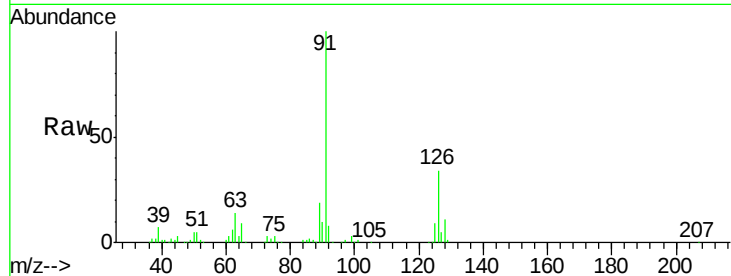
126 34.3 17.1 51.2

Manual Integrations

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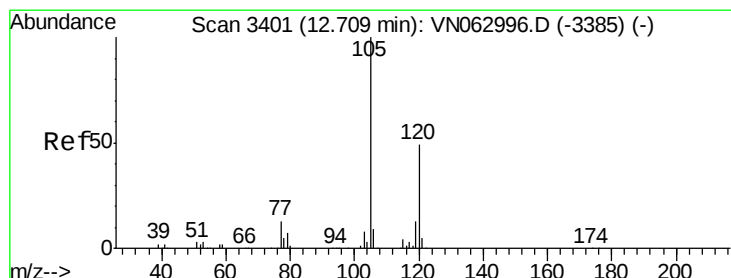
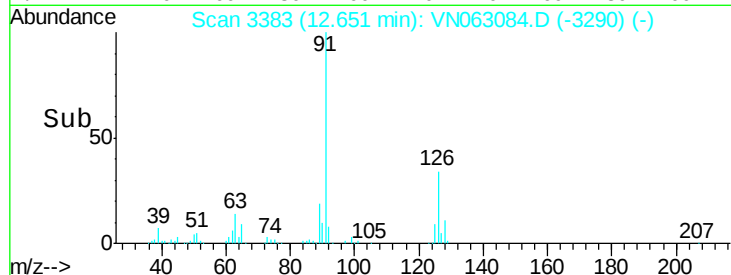
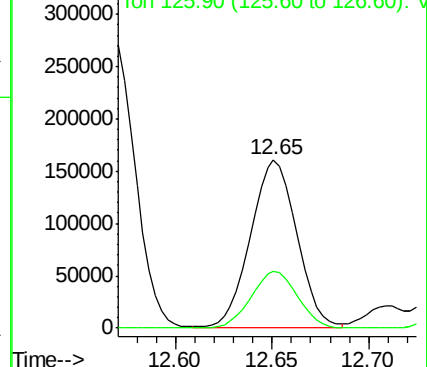
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Abundance Ion 91.00 (90.70 to 91.70): VN063084.D (-3290) (-)

Ion 125.90 (125.60 to 126.60): VN063084.D (-3290) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.972 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063084.D

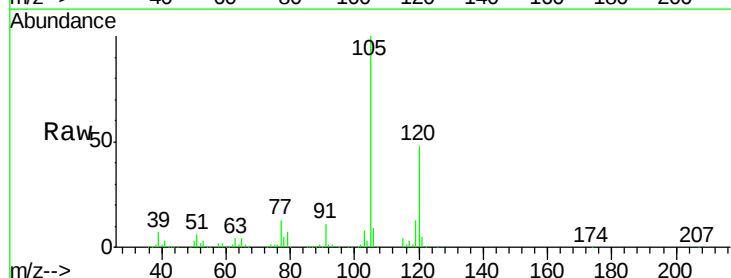
Acq: 21 Aug 2020 16:39

Tgt Ion: 105 Resp: 318541

Ion Ratio Lower Upper

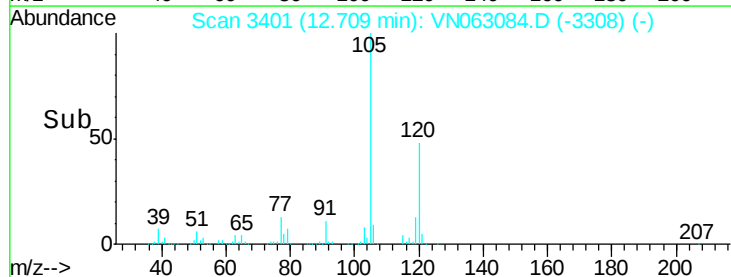
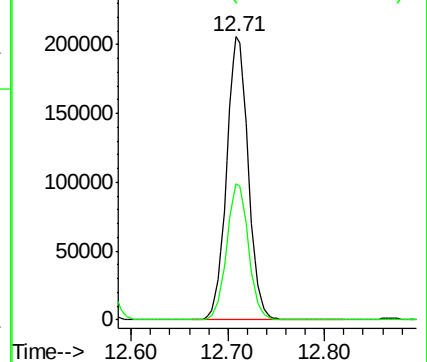
105 100

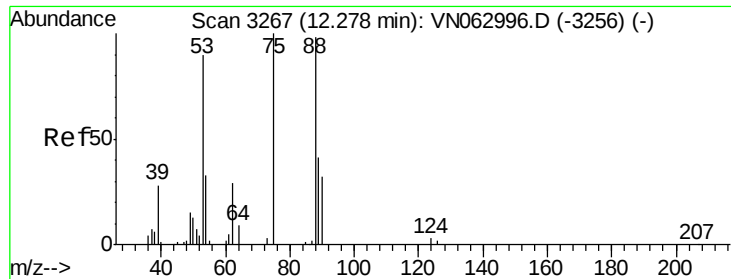
120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN063084.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN063084.D (-3308) (-)





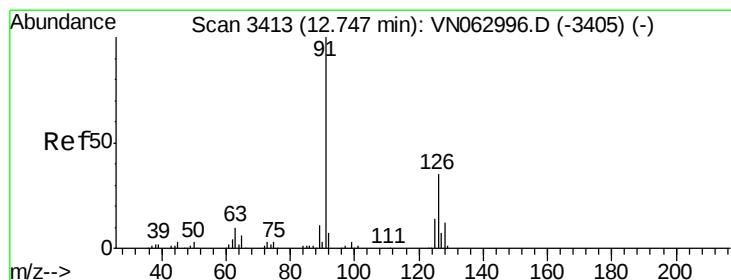
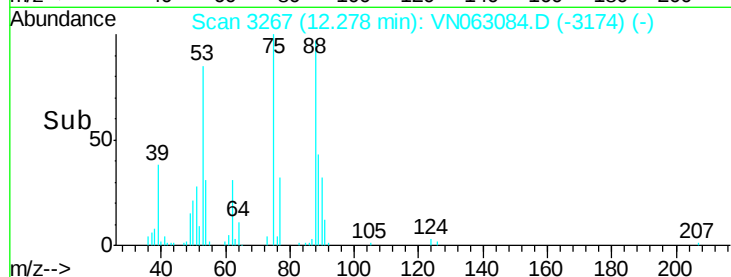
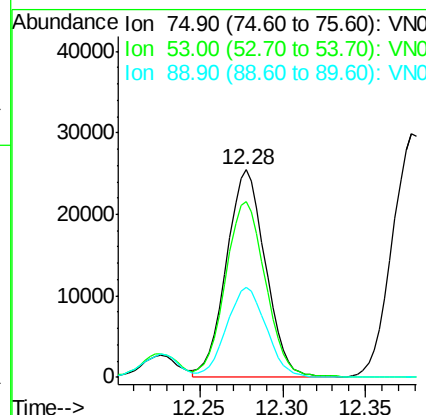
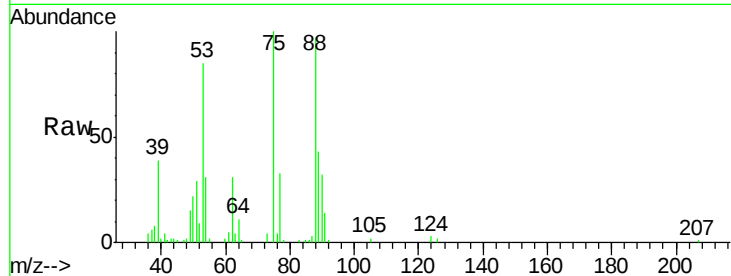
#81
trans-1,4-Dichloro-2-butene
Concen: 55.620 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.0	69.2	103.8
89	43.8	34.2	51.4

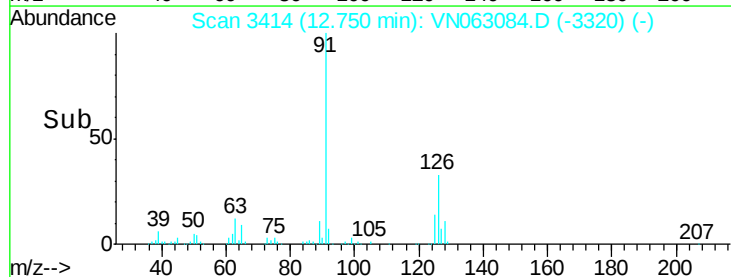
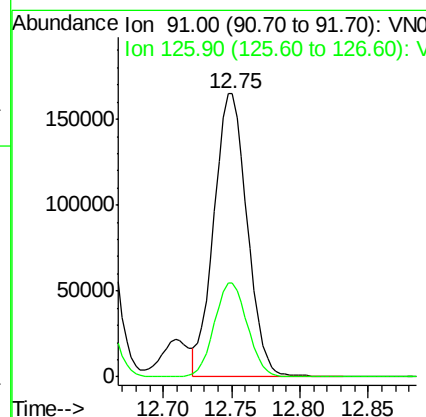
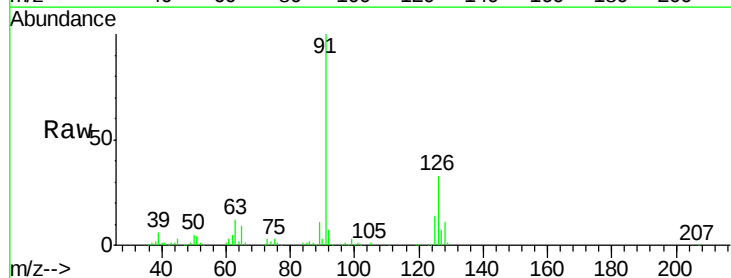
Manual Integrations
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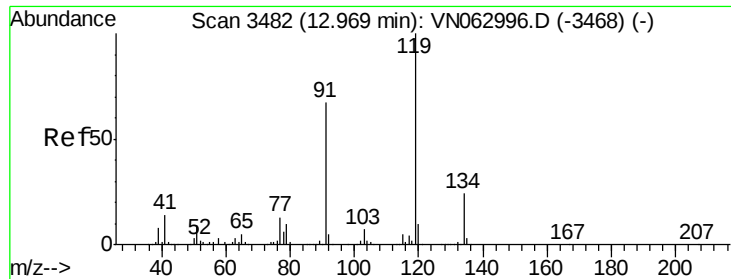
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#82
4-Chlorotoluene
Concen: 52.252 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.5	49.5





#83

tert-Butylbenzene

Concen: 50.085 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

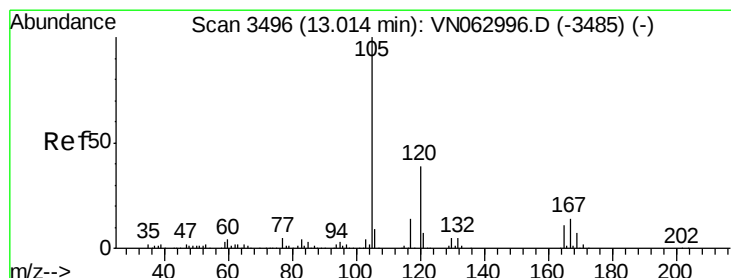
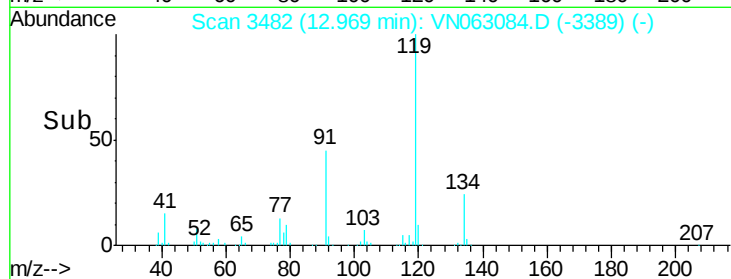
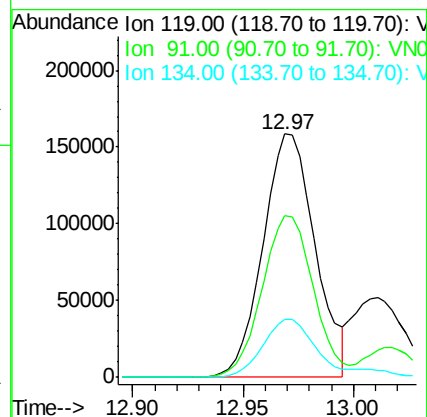
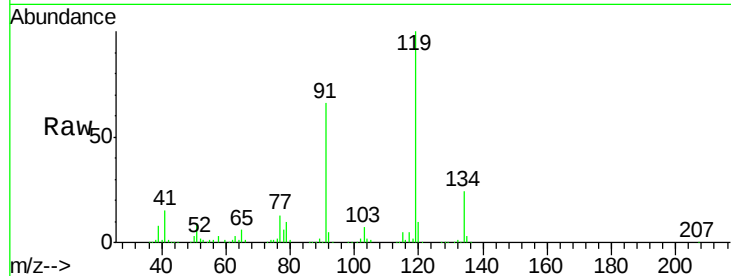
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	259950
Ion Ratio	Lower	Upper	
119	100		
91	65.1	32.5	97.4
134	24.2	13.1	39.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 51.687 ug/l

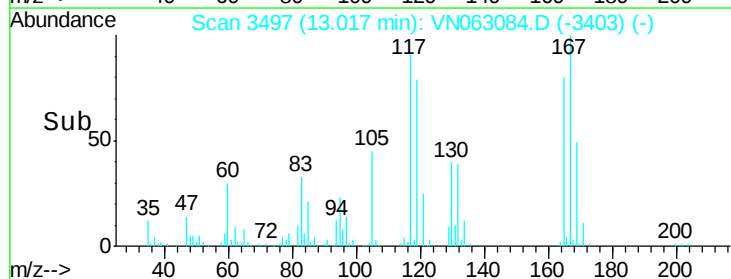
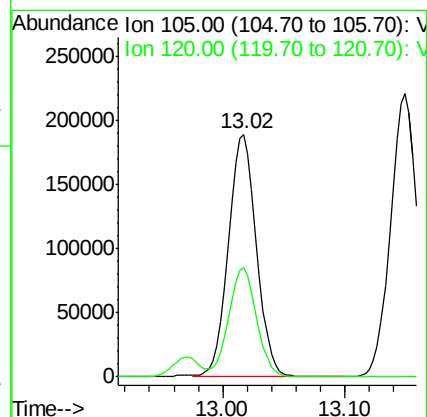
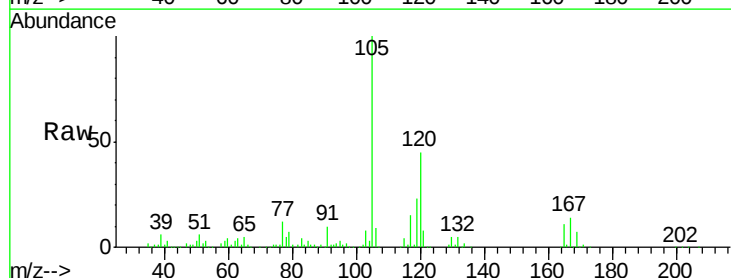
RT: 13.02 min Scan# 3497

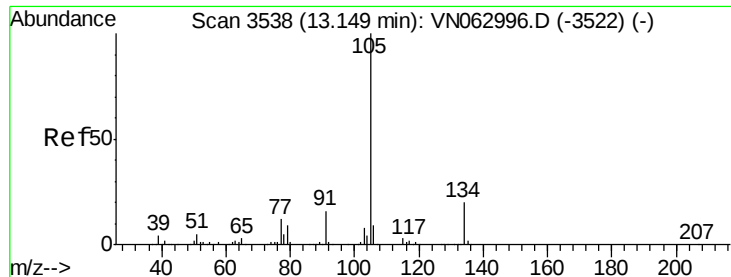
Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion:	105	Resp:	302797
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.5	67.5





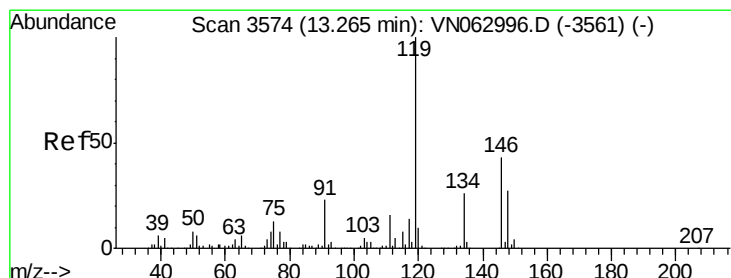
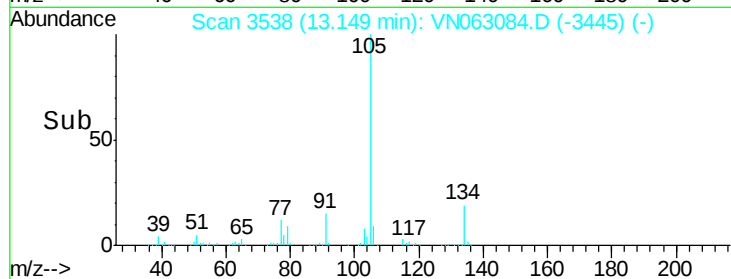
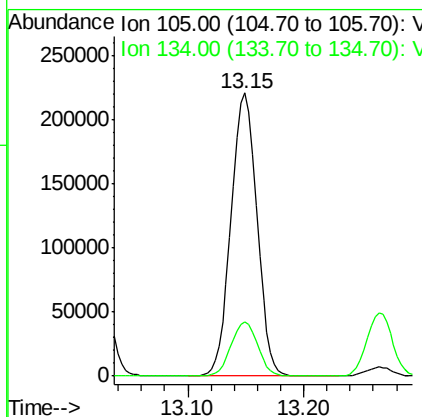
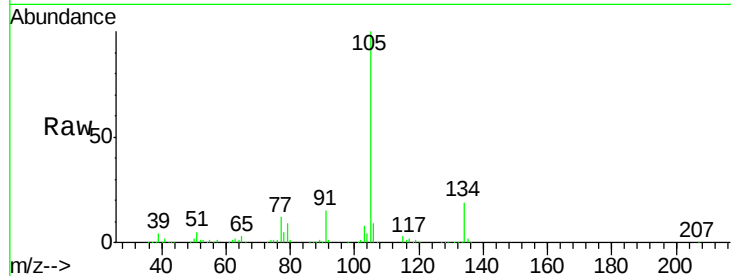
#85
 sec-Butylbenzene
 Concen: 48.697 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	341582		
134	19.7	9.8	29.4	

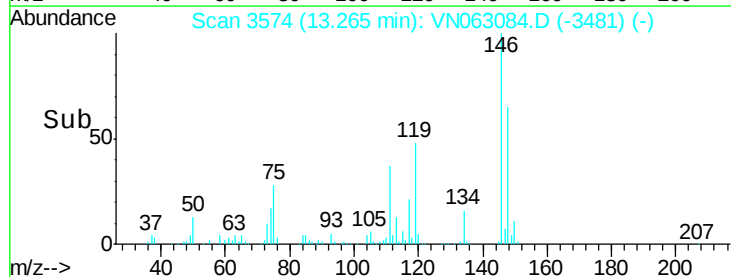
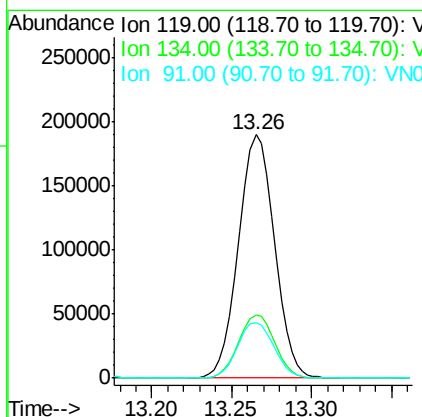
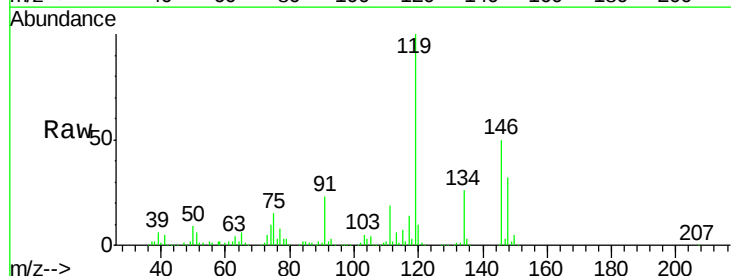
Manual Integrations
 APPROVED

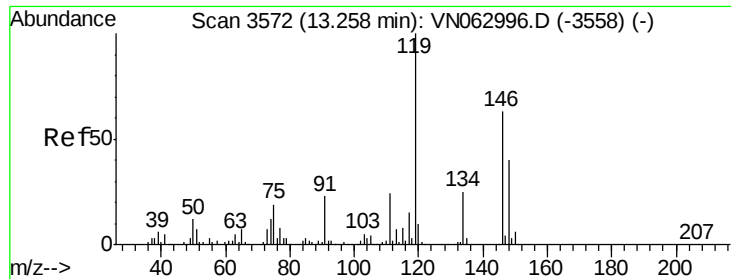
sam
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#86
 p-Isopropyltoluene
 Concen: 47.508 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	290367		
134	26.3	13.1	39.3	
91	23.0	11.5	34.4	





#87

1,3-Dichlorobenzene

Concen: 51.765 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

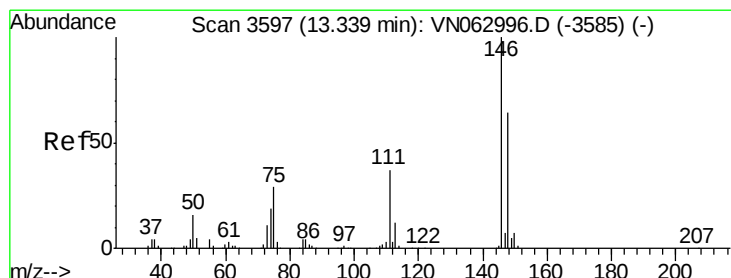
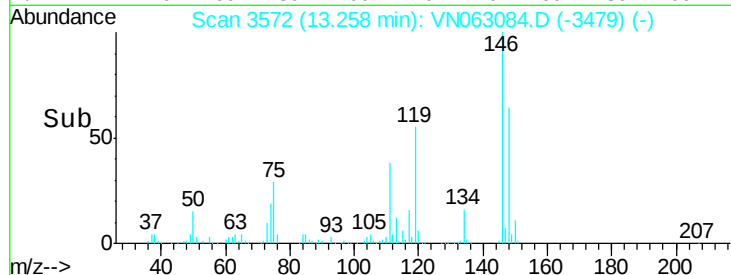
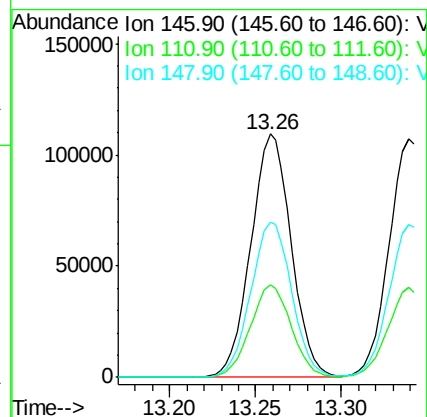
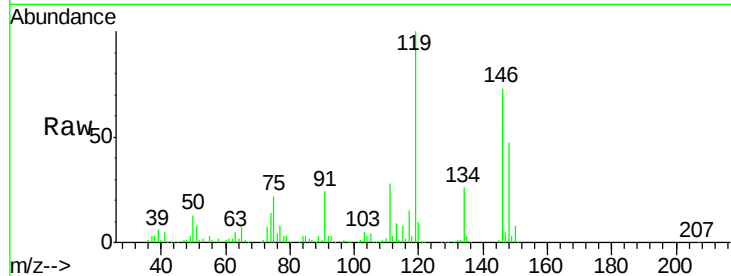
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	177985
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.4	58.1
148	64.6	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.434 ug/l

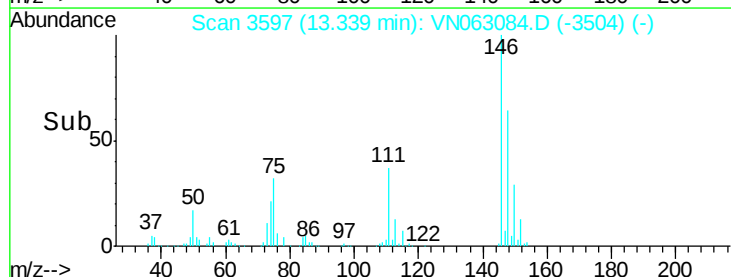
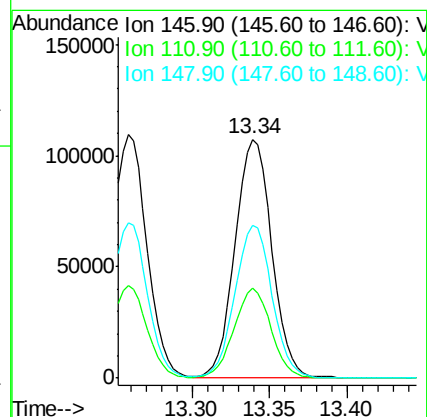
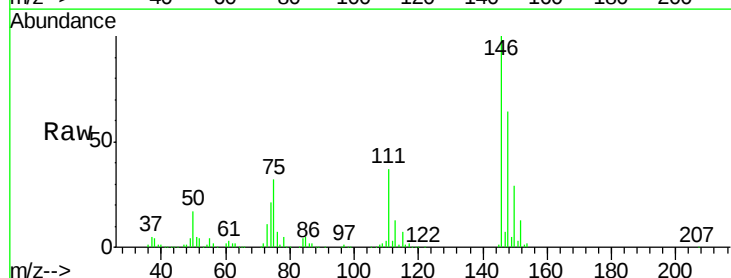
RT: 13.34 min Scan# 3597

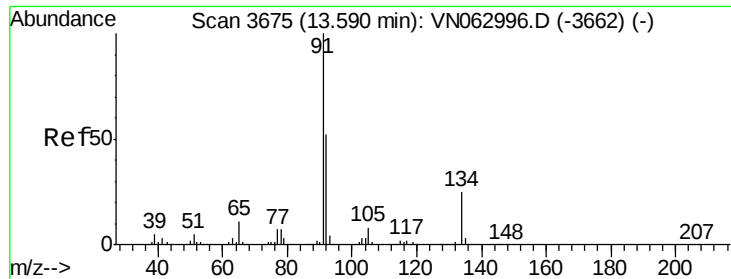
Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion:	146	Resp:	176005
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.8	56.4
148	65.3	32.4	97.0





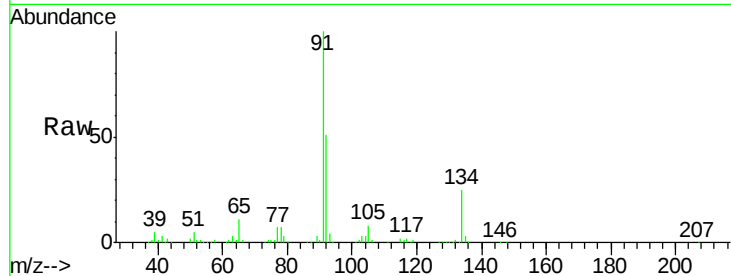
#89
n-Butylbenzene
Concen: 39.304 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

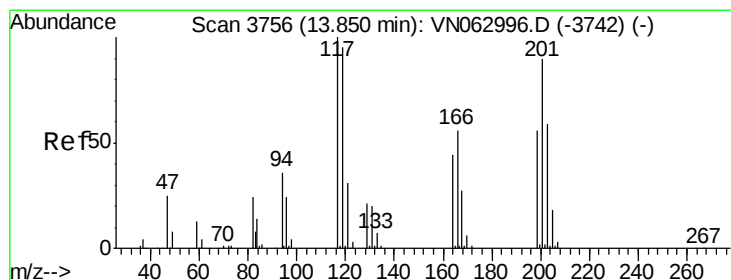
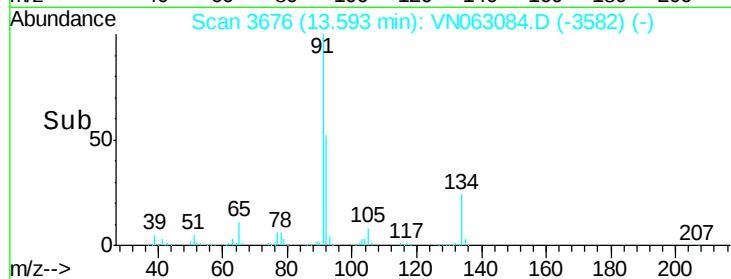
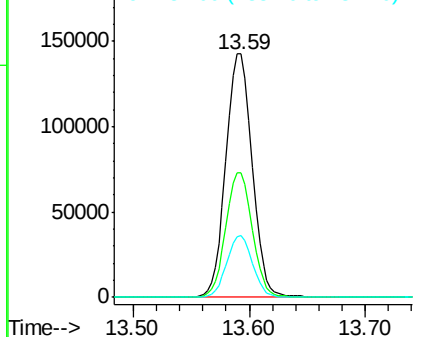
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.6
134	24.7	12.4	37.0

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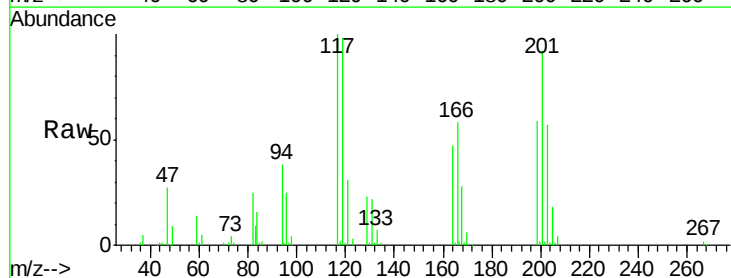


Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3662) (-)
Ion 92.00 (91.70 to 92.70): VN062996.D (-3662) (-)
Ion 134.00 (133.70 to 134.70): VN062996.D (-3662) (-)

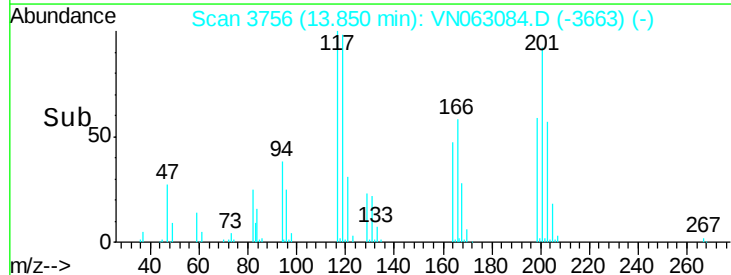
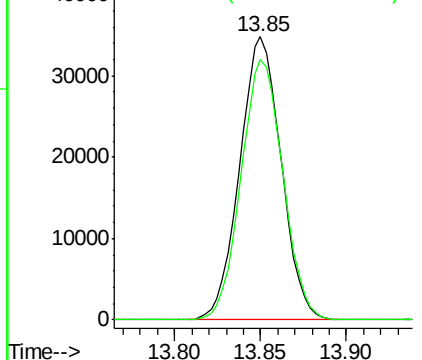


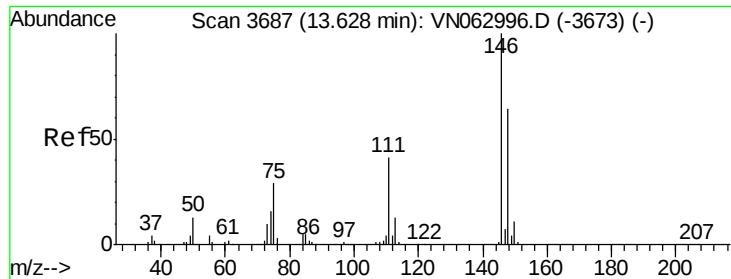
#90
Hexachloroethane
Concen: 44.909 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.7	44.1	132.4



Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN062996.D (-3742) (-)





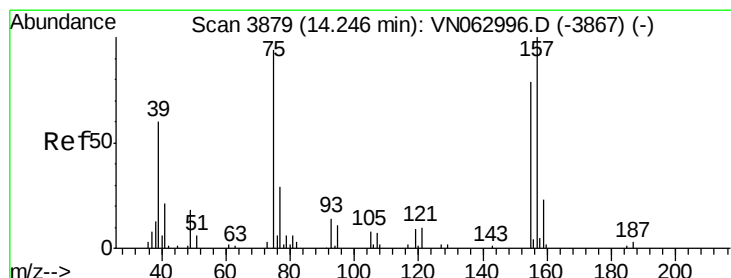
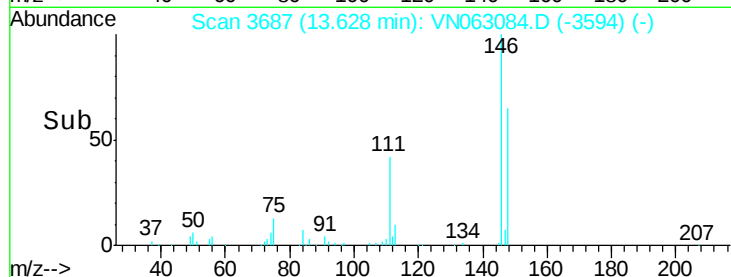
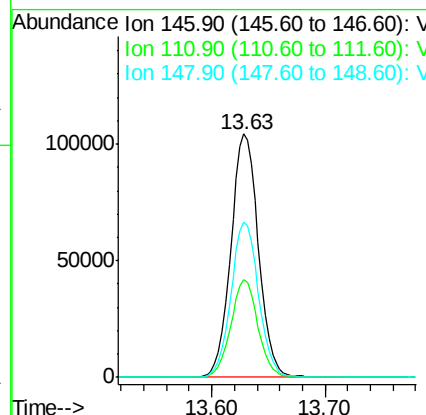
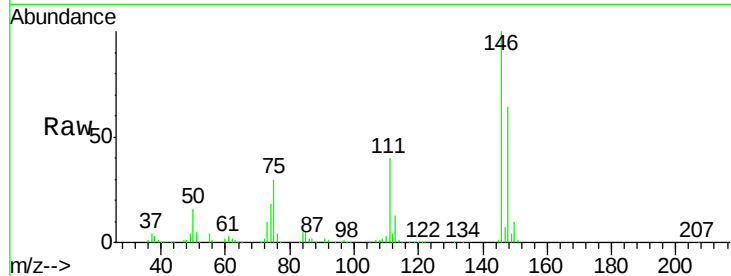
#91
 1,2-Dichlorobenzene
 Concen: 53.212 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.2	60.5
148	63.9	31.9	95.5

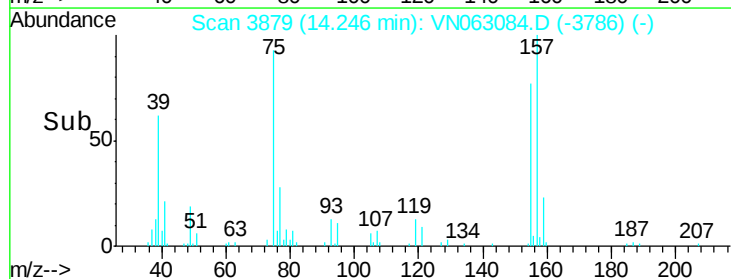
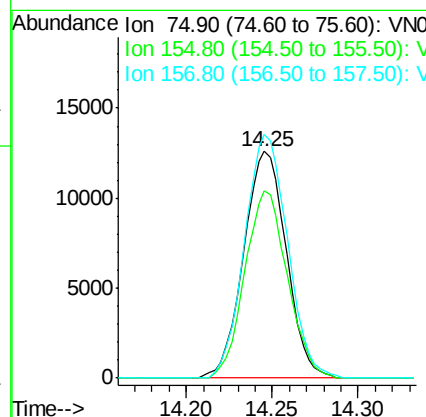
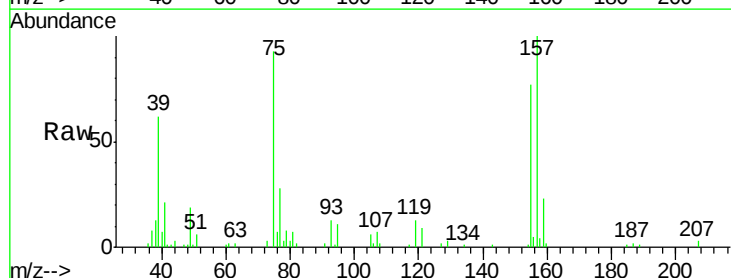
Manual Integrations
 APPROVED

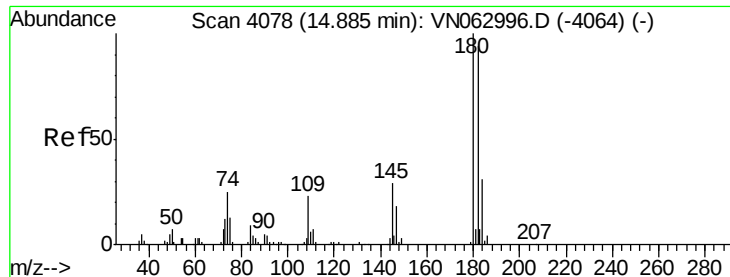
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.237 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.1	42.4	127.1
157	108.4	55.2	165.6





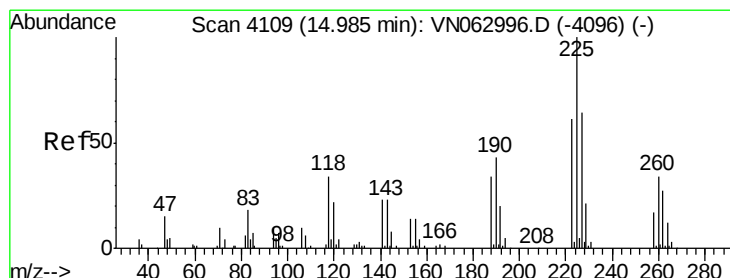
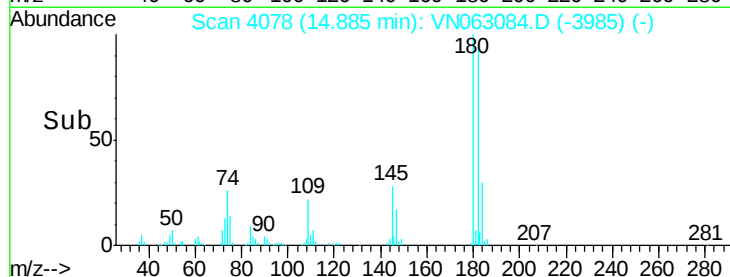
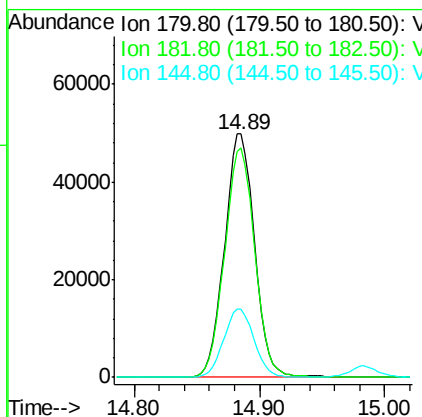
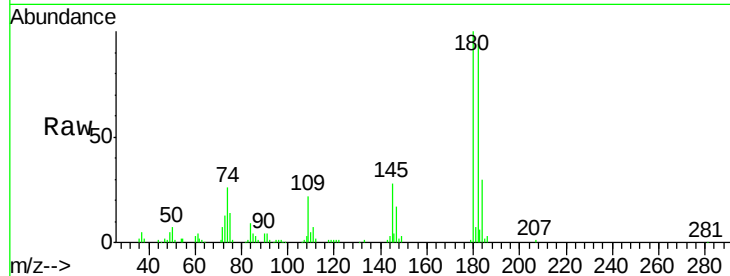
#93
 1,2,4-Trichlorobenzene
 Concen: 45.307 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	47.0	141.2	
145	28.3	14.1	42.4	

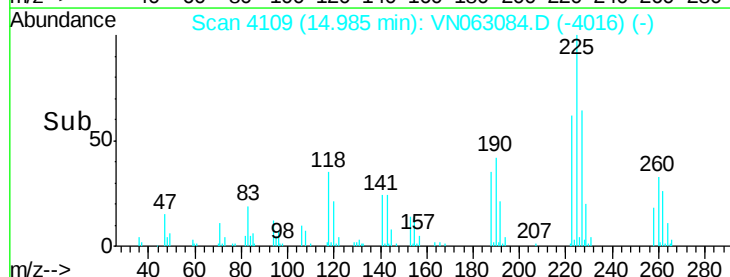
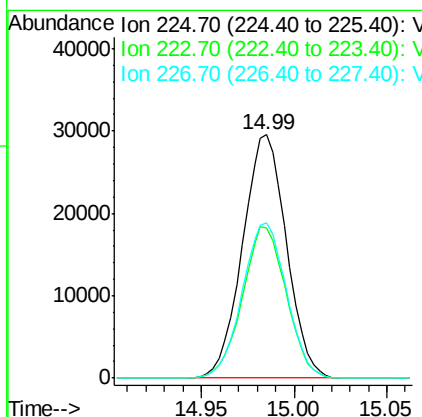
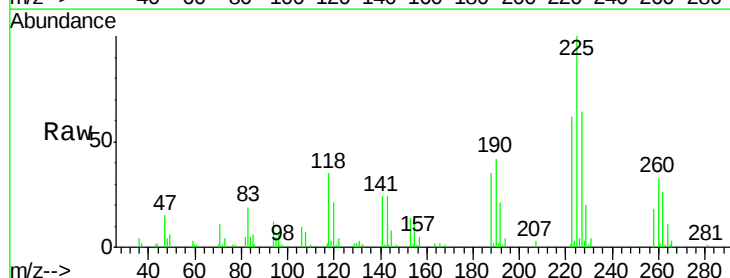
Manual Integrations
 APPROVED

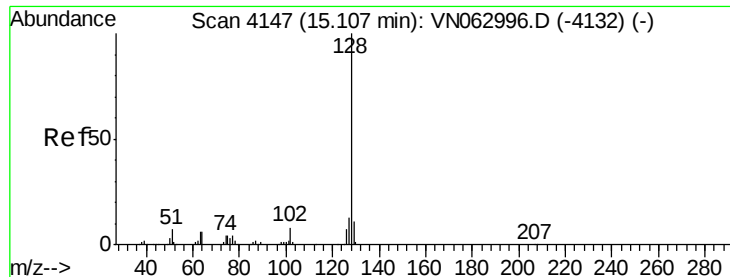
sam
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#94
 Hexachlorobutadiene
 Concen: 39.643 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	30.9	92.5	
227	64.4	31.9	95.9	





#95

Naphthalene

Concen: 46.617 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

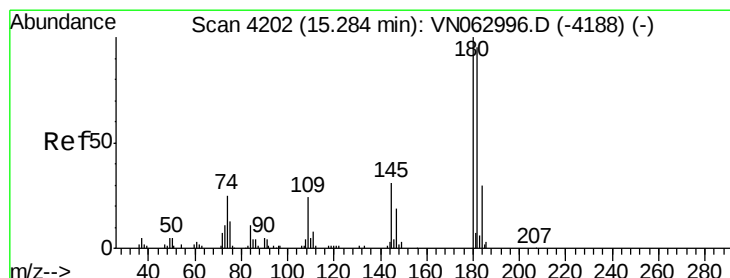
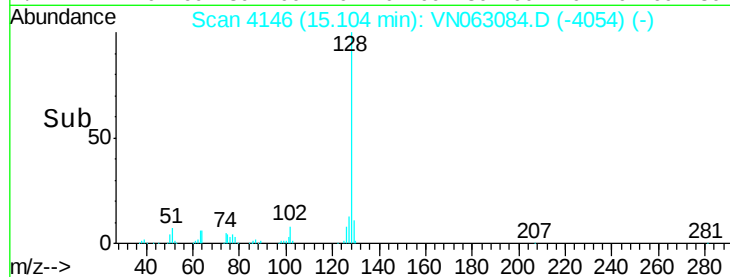
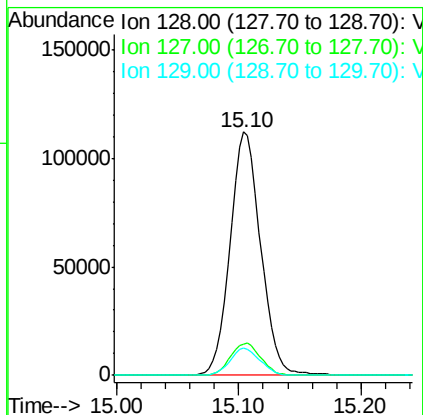
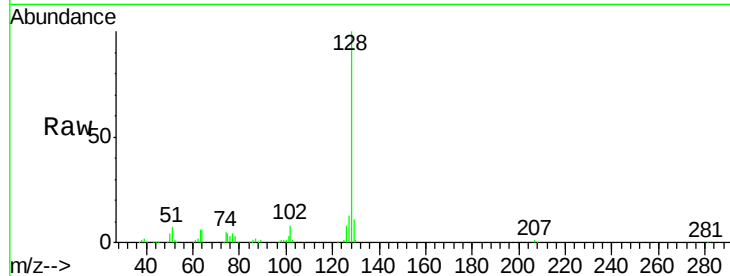
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		195756		
127	13.2		10.6	16.0	
129	11.1		8.9	13.3	

Manual Integrations
APPROVED

sam
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#96

1,2,3-Trichlorobenzene

Concen: 44.707 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		79861		
182	97.3		47.3	141.9	
145	30.9		15.6	46.7	

