

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062153.D
 Acq On : 26 Jun 2020 20:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/29/2020 12:35:47 PM

Quant Time: Jun 27 06:22:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	267274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	198867	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	7.55	113	156667	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.06	98	624595	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.38	95	220546	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	157930	52.276	ug/l	99
3) Chloromethane	2.03	50	229823	65.019	ug/l	98
4) Vinyl Chloride	2.16	62	245679	51.640	ug/l	100
5) Bromomethane	2.52	94	155211	50.478	ug/l	97
6) Chloroethane	2.66	64	154167	47.436	ug/l	99
7) Trichlorofluoromethane	2.98	101	261486	44.605	ug/l	99
8) Diethyl Ether	3.37	74	111276	54.360	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	148110	48.246	ug/l	98
10) Methyl Iodide	3.91	142	186292	53.883	ug/l	99
11) Tert butyl alcohol	4.73	59	150610	279.671	ug/l	100
12) 1,1-Dichloroethene	3.69	96	153912	50.151	ug/l	99
13) Acrolein	3.56	56	164760	312.491	ug/l	99
14) Allyl chloride	4.27	41	230328	55.124	ug/l	99
15) Acrylonitrile	4.93	53	394611	268.900	ug/l	99
16) Acetone	3.77	43	323241	274.964	ug/l	97
17) Carbon Disulfide	4.01	76	424406	48.283	ug/l	100
18) Methyl Acetate	4.28	43	159970	53.652	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	542636	55.334	ug/l	100
20) Methylene Chloride	4.50	84	182567	53.036	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	167156	47.812	ug/l	96
22) Diisopropyl ether	5.90	45	526978	55.392	ug/l	100
23) Vinyl Acetate	5.84	43	2200377	283.284	ug/l	98
24) 1,1-Dichloroethane	5.80	63	309263	50.482	ug/l	100
25) 2-Butanone	6.78	43	488656	266.542	ug/l	98
26) 2,2-Dichloropropane	6.77	77	212861	41.696	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	198429	50.439	ug/l	99
28) Bromochloromethane	7.15	49	137772	51.832	ug/l	95
29) Tetrahydrofuran	7.17	42	326619	271.976	ug/l	99
30) Chloroform	7.33	83	305155	48.958	ug/l	100
31) Cyclohexane	7.61	56	257995	49.787	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	257654	49.017	ug/l	99
36) 1,1-Dichloropropene	7.75	75	228449	46.661	ug/l	99
37) Ethyl Acetate	6.88	43	213502	52.663	ug/l	98
38) Carbon Tetrachloride	7.73	117	212800	46.103	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	265566	49.505	ug/l	98
40) Benzene	8.00	78	704459	47.208	ug/l	98
41) Methacrylonitrile	7.13	41	93436m	49.713	ug/l	
42) 1,2-Dichloroethane	8.08	62	244713	48.537	ug/l	100
43) Isopropyl Acetate	8.13	43	351002	53.111	ug/l #	90
44) Trichloroethene	8.80	130	171581	45.581	ug/l	98
45) 1,2-Dichloropropane	9.08	63	179372	48.723	ug/l	100
46) Dibromomethane	9.17	93	119351	47.816	ug/l	96
47) Bromodichloromethane	9.37	83	243414	48.297	ug/l	99
48) Methyl methacrylate	9.17	41	155381	52.436	ug/l	97
49) 1,4-Dioxane	9.17	88	64260	977.888	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1033666	267.702	ug/l	99
52) Toluene	10.12	92	452690	49.718	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	268587	48.439	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	293360	49.695	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	174213	48.675	ug/l	99
56) Ethyl methacrylate	10.40	69	262252	54.905	ug/l	97
57) 1,3-Dichloropropane	10.68	76	300942	48.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	503096	247.559	ug/l	99
59) 2-Hexanone	10.72	43	765666	274.608	ug/l	98
60) Dibromochloromethane	10.87	129	181145	47.805	ug/l	99
61) 1,2-Dibromoethane	10.98	107	175574	47.741	ug/l	99
64) Tetrachloroethene	10.60	164	136294	43.533	ug/l	99
65) Chlorobenzene	11.41	112	469626	46.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	164150	47.164	ug/l	100
67) Ethyl Benzene	11.48	91	856741	50.400	ug/l	99
68) m/p-Xylenes	11.60	106	652851	99.296	ug/l	98
69) o-Xylene	11.92	106	315957	50.933	ug/l	98
70) Styrene	11.94	104	539129	52.111	ug/l	98
71) Bromoform	12.10	173	119720	48.380	ug/l #	99
73) Isopropylbenzene	12.22	105	837975	48.755	ug/l	99
74) N-amyl acetate	12.04	43	319008	50.393	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	260005	45.459	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	220569m	42.199	ug/l	
77) Bromobenzene	12.50	156	317746	74.465	ug/l	54
78) n-propylbenzene	12.57	91	971747	49.428	ug/l	99
79) 2-Chlorotoluene	12.65	91	568553	47.837	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	714093	51.252	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	84072	46.973	ug/l	98
82) 4-Chlorotoluene	12.75	91	594417	48.364	ug/l	98
83) tert-Butylbenzene	12.97	119	595673	49.956	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	726289	52.193	ug/l	99
85) sec-Butylbenzene	13.15	105	800378	50.798	ug/l	100
86) p-Isopropyltoluene	13.26	119	711610	51.551	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	351848	46.957	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	351876	45.557	ug/l	99
89) n-Butylbenzene	13.59	91	613292	53.439	ug/l	100
90) Hexachloroethane	13.85	117	128506	47.448	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	343401	47.262	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	45526	49.688	ug/l	98

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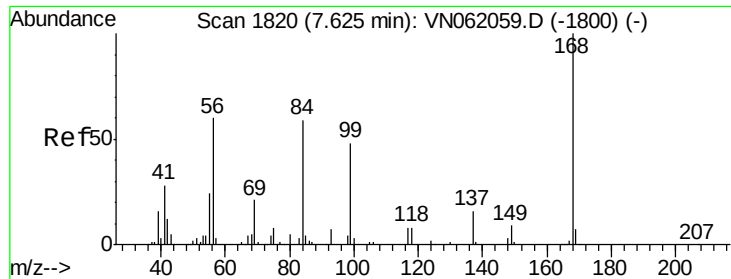
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165055	52.000	ug/l	98
94) Hexachlorobutadiene	14.98	225	65676	47.639	ug/l	99
95) Naphthalene	15.10	128	558565	52.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	162735	50.140	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 267274

Ion Ratio Lower Upper

168 100

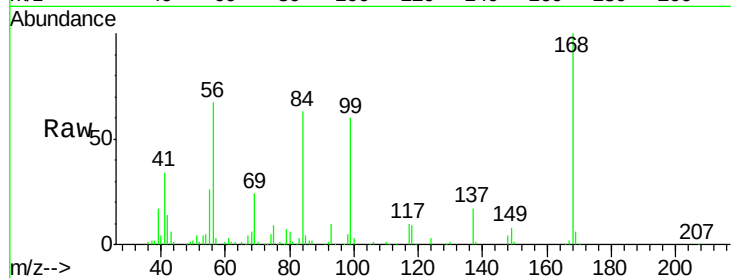
99 60.1 45.8 68.8

Manual Integrations

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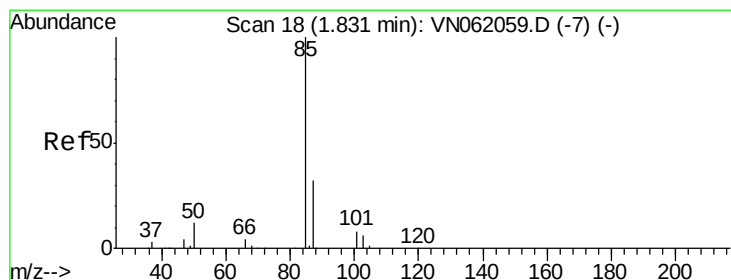
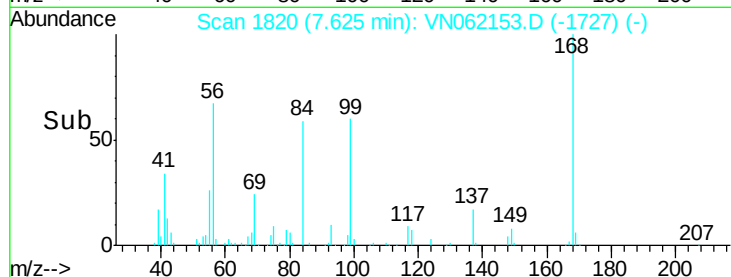
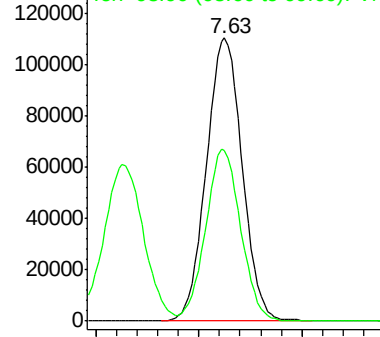
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 52.276 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062153.D

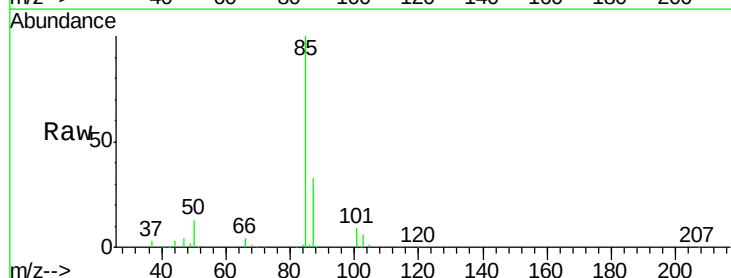
Acq: 26 Jun 2020 20:39

Tgt Ion: 85 Resp: 157930

Ion Ratio Lower Upper

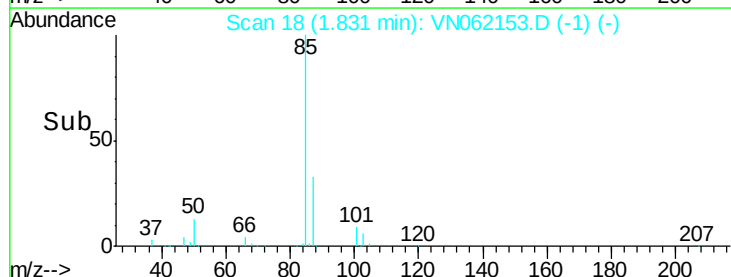
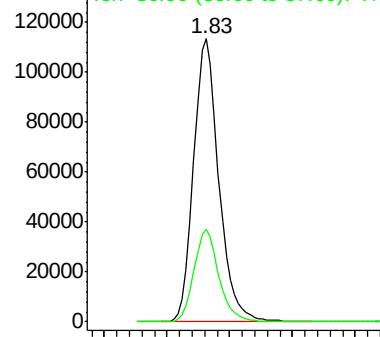
85 100

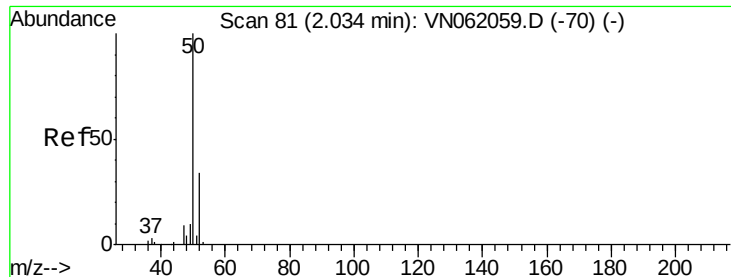
87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 65.019 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 229823

Ion Ratio Lower Upper

50 100

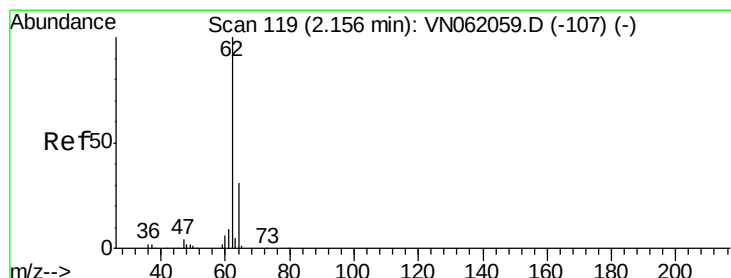
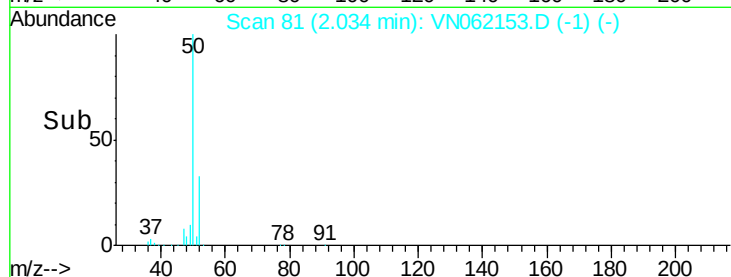
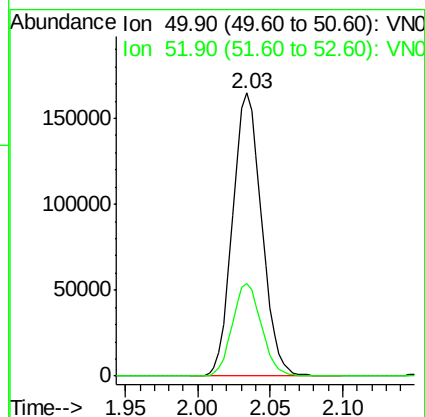
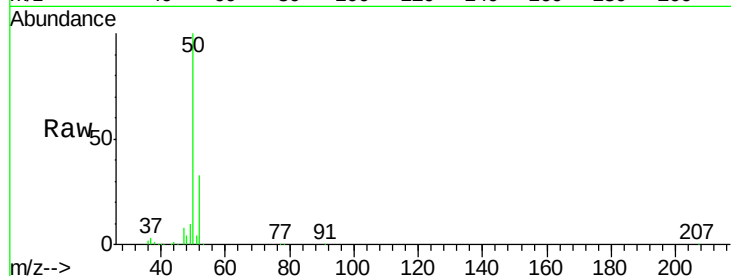
52 32.8 27.0 40.6

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#4

Vinyl Chloride

Concen: 51.640 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062153.D

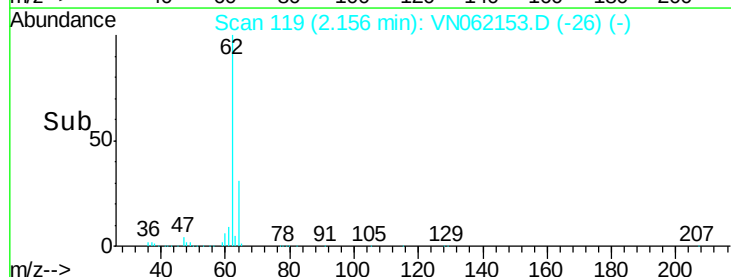
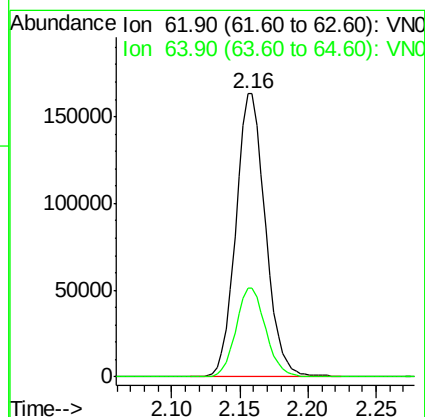
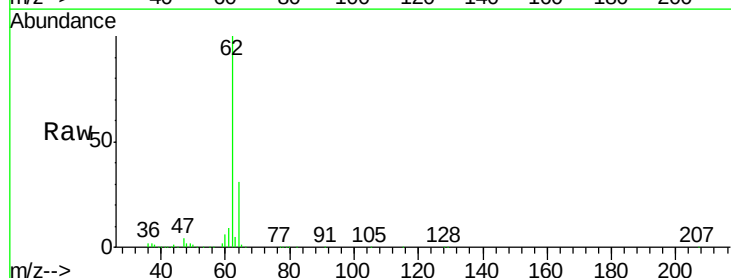
Acq: 26 Jun 2020 20:39

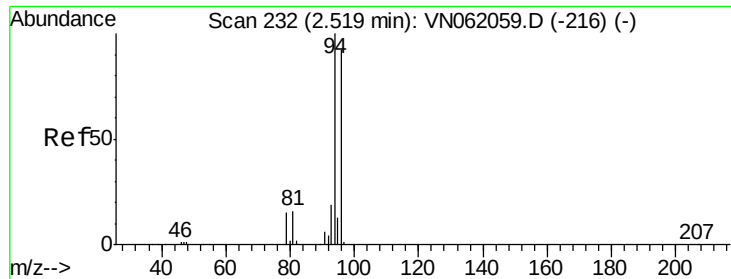
Tgt Ion: 62 Resp: 245679

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 50.478 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 155211

Ion Ratio Lower Upper

94 100

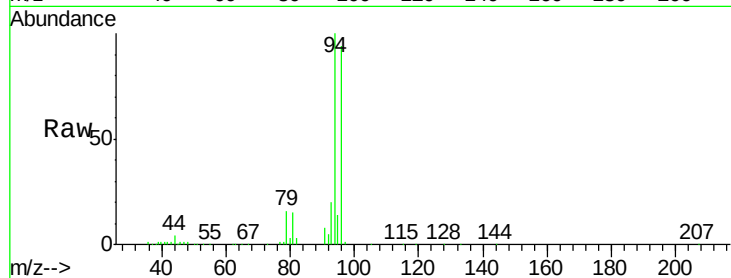
96 94.3 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

80000

60000

40000

20000

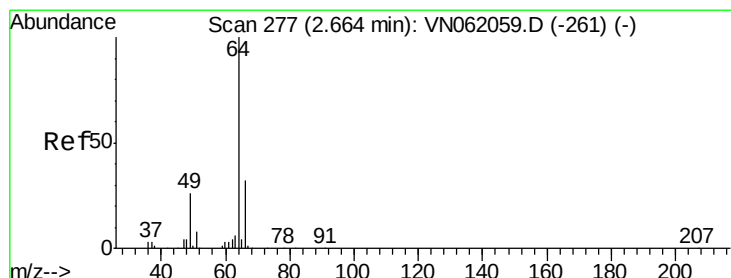
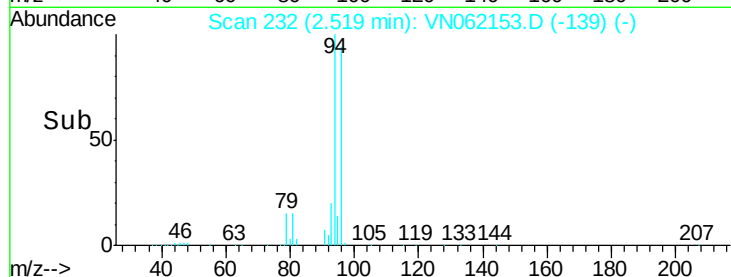
0

Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 47.436 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062153.D

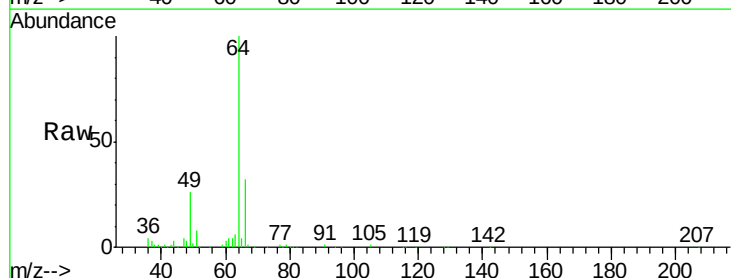
Acq: 26 Jun 2020 20:39

Tgt Ion: 64 Resp: 154167

Ion Ratio Lower Upper

64 100

66 31.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

80000

60000

40000

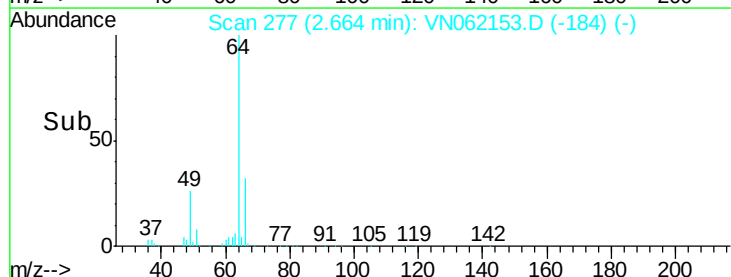
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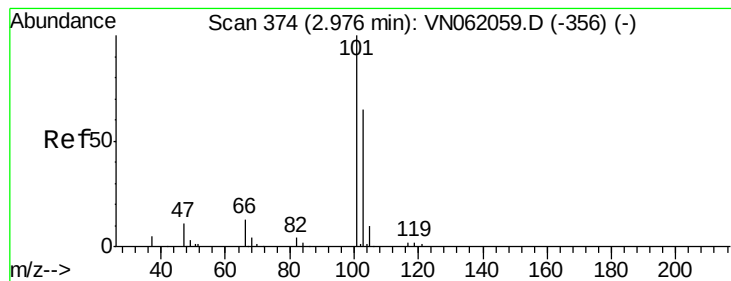
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Time-->

2.60

2.70





#7

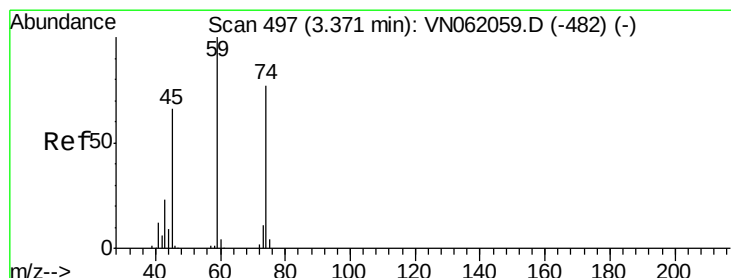
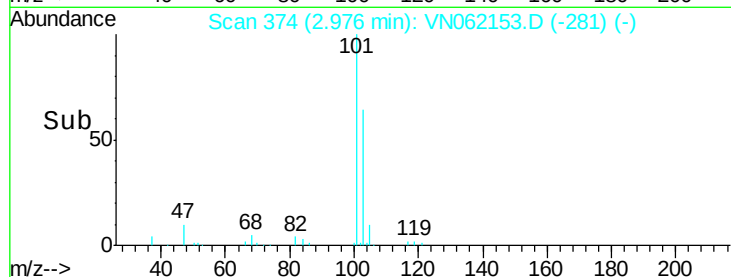
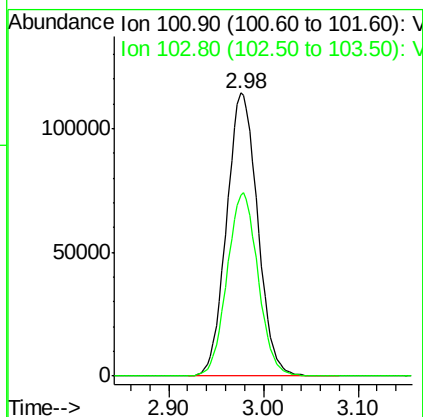
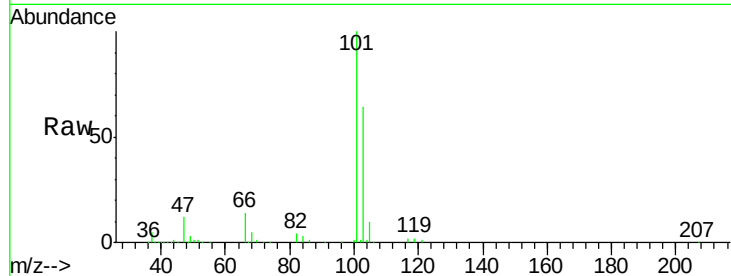
Trichlorofluoromethane
Concen: 44.605 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.8	77.6

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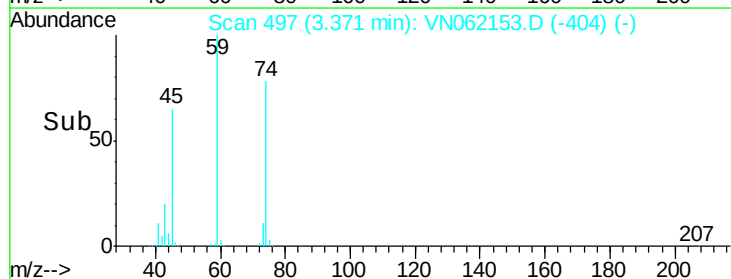
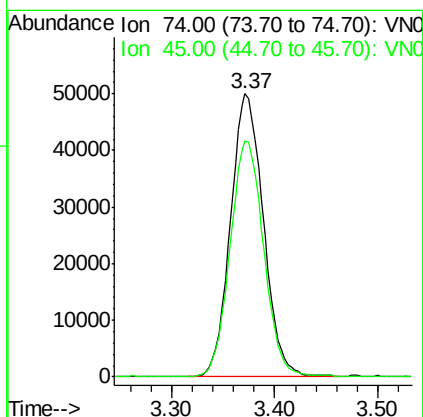
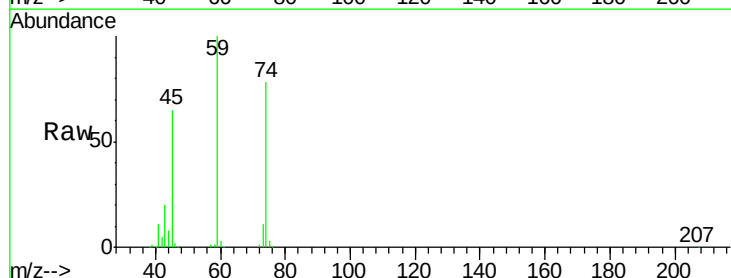
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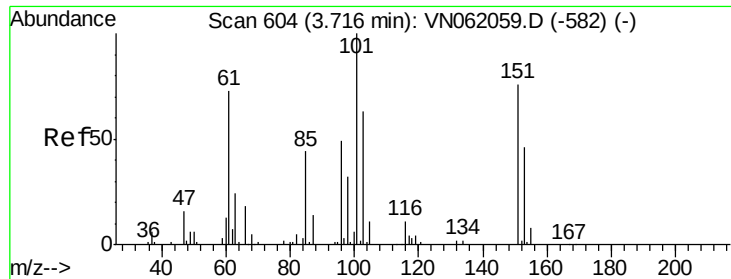


#8

Diethyl Ether
Concen: 54.360 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.1	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.246 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

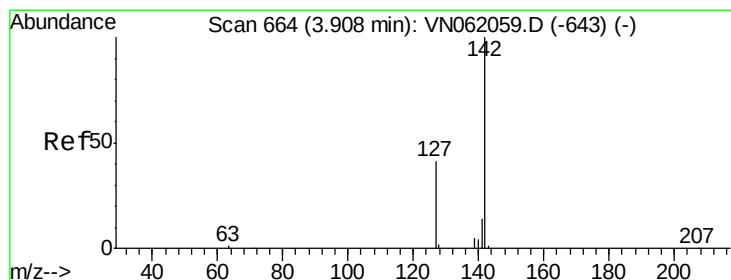
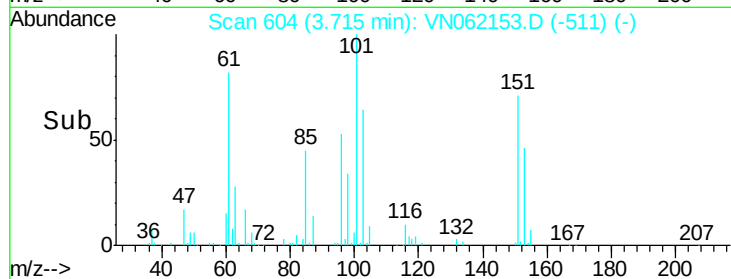
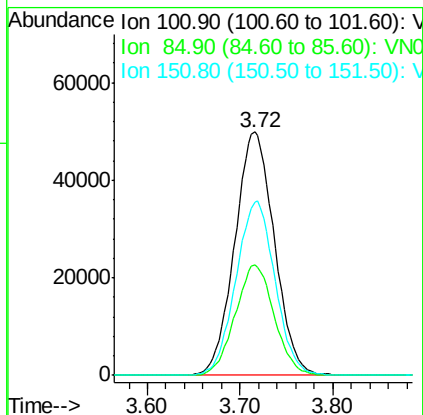
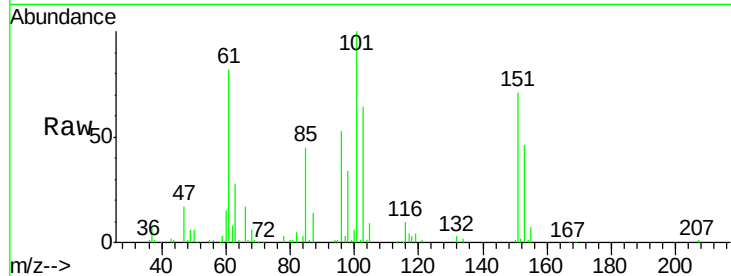
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	148110
Ion Ratio	Lower	Upper	
101	100		
85	44.6	34.5	51.7
151	70.6	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 53.883 ug/l

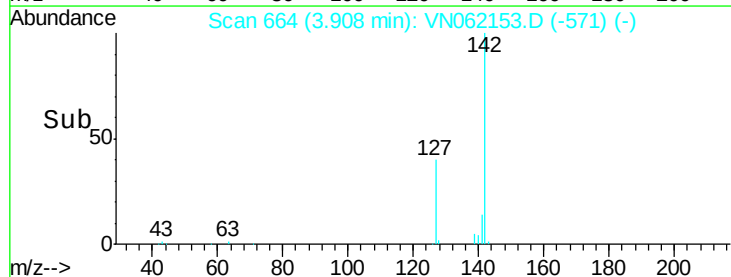
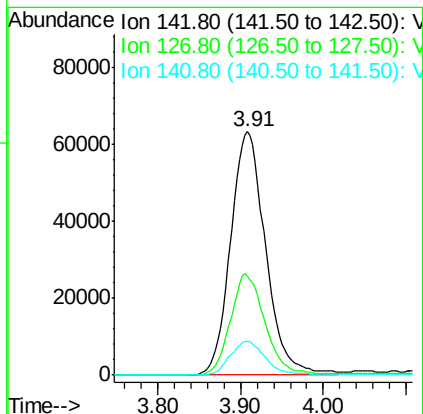
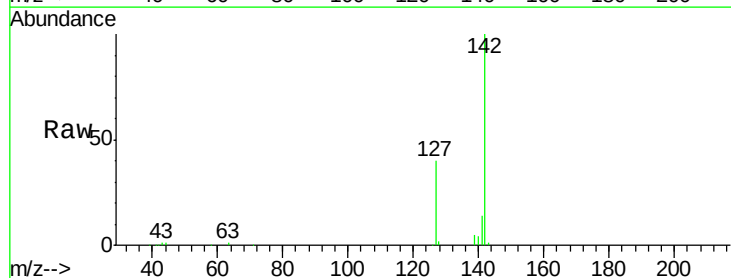
RT: 3.91 min Scan# 664

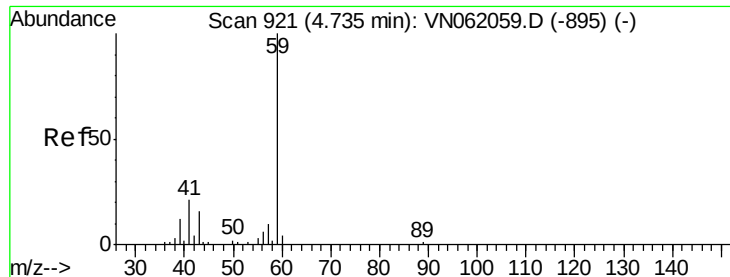
Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion:	142	Resp:	186292
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.6	50.4
141	13.9	11.3	16.9





#11

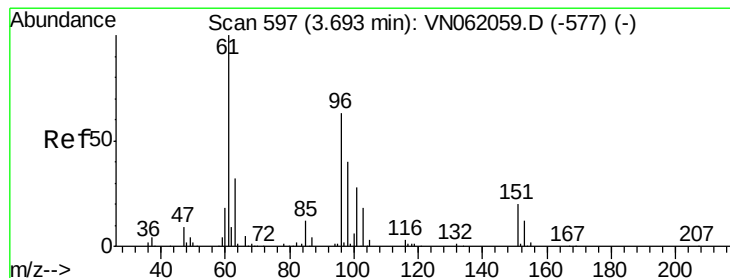
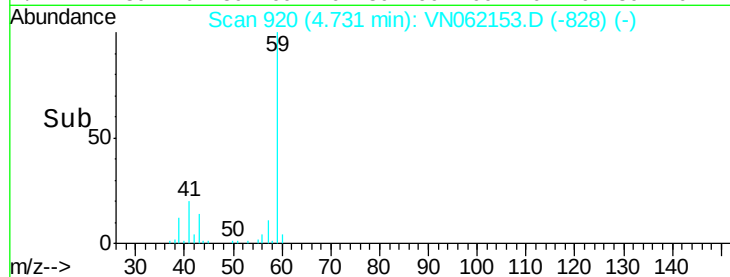
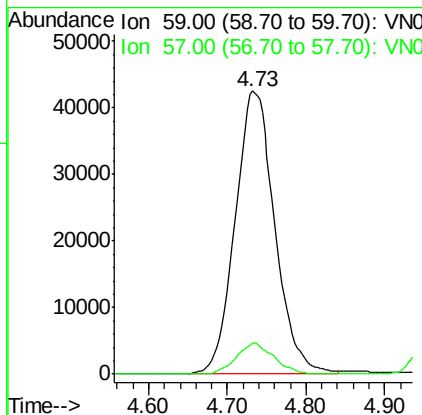
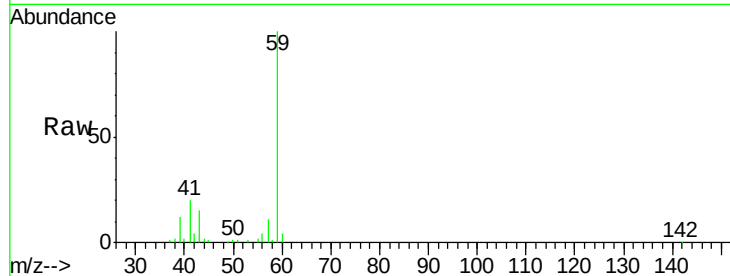
Tert butyl alcohol
 Concen: 279.671 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

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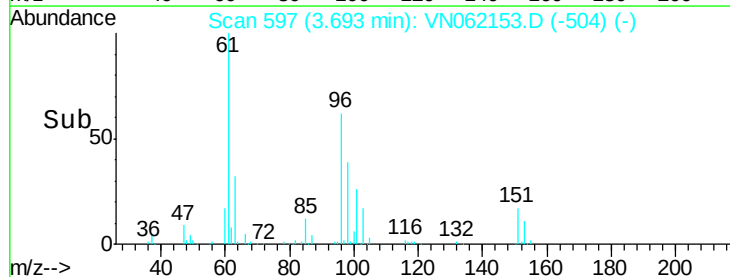
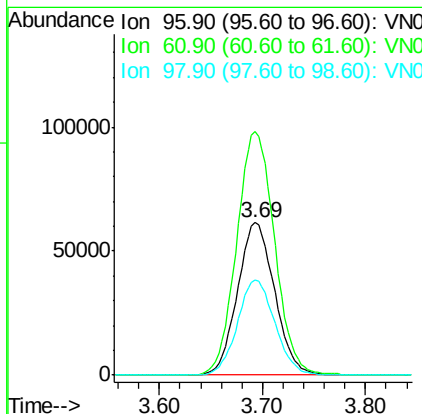
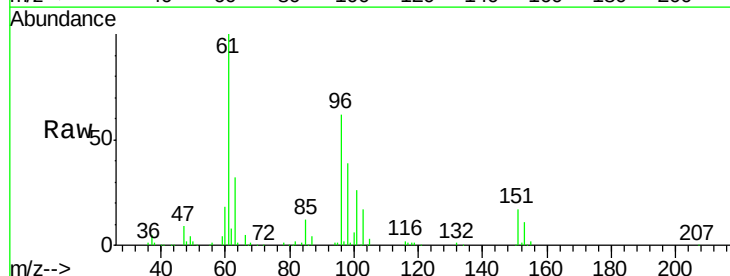
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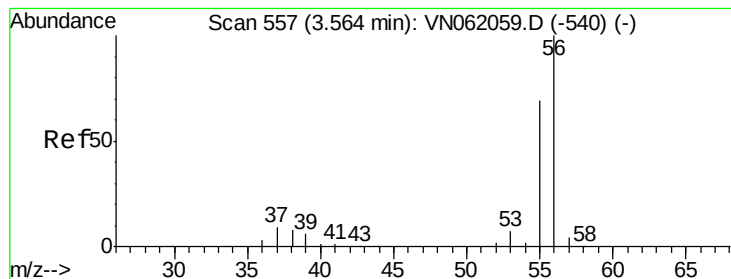


#12

1,1-Dichloroethene
 Concen: 50.151 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	126.7	190.1
98	62.6	51.0	76.4





#13

Acrolein

Concen: 312.491 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 164760

Ion Ratio Lower Upper

56 100

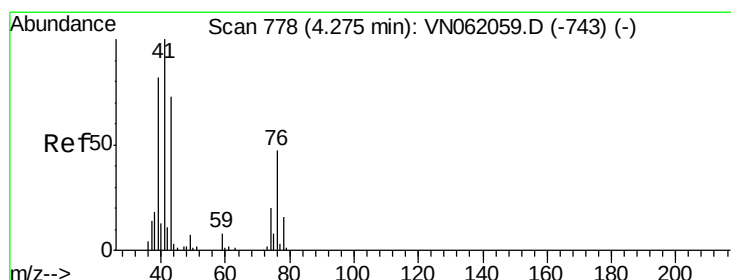
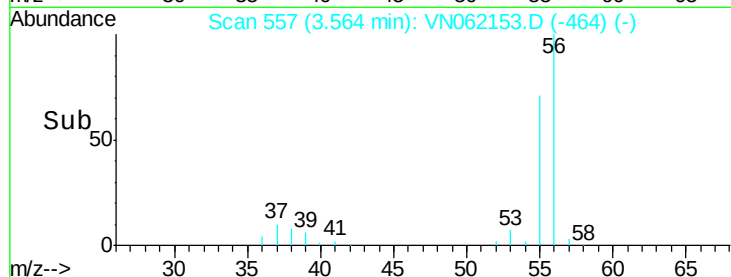
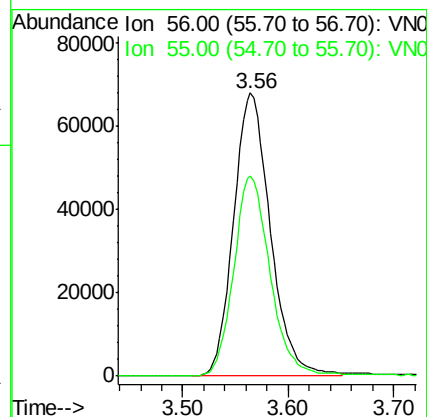
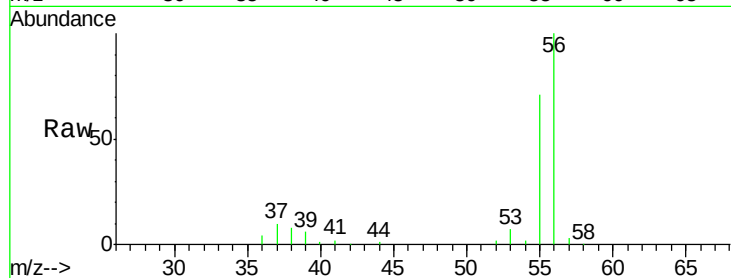
55 70.0 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 55.124 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

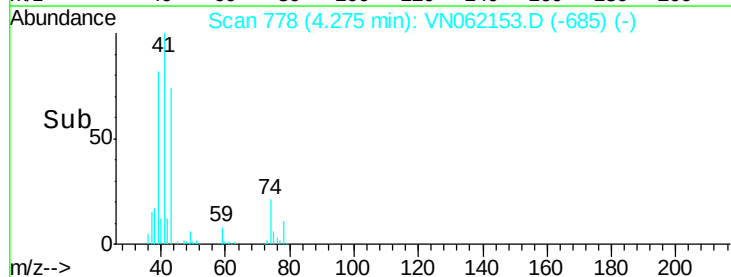
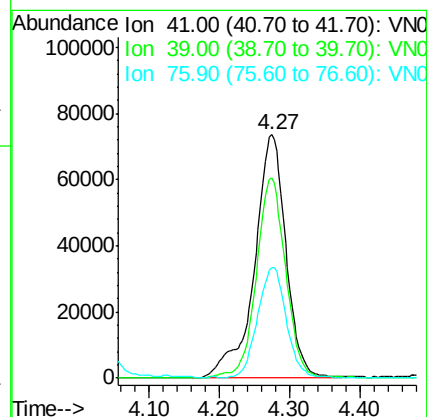
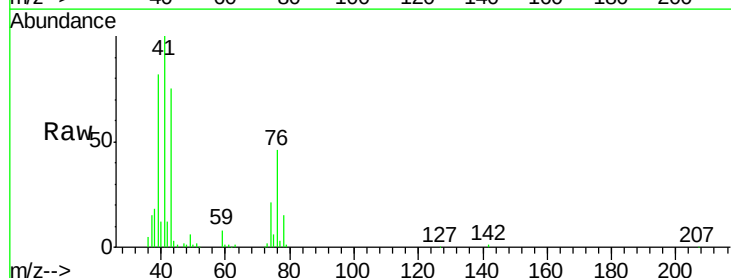
Tgt Ion: 41 Resp: 230328

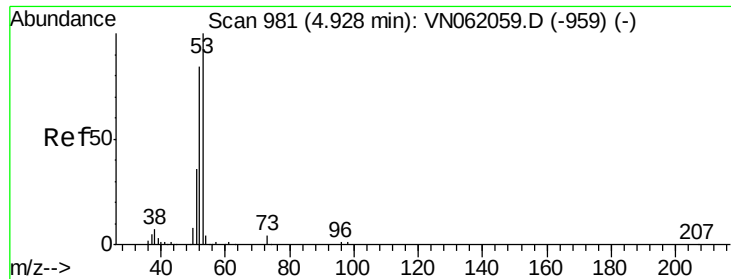
Ion Ratio Lower Upper

41 100

39 75.9 60.0 90.0

76 41.4 34.1 51.1





#15

Acrylonitrile

Concen: 268.900 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

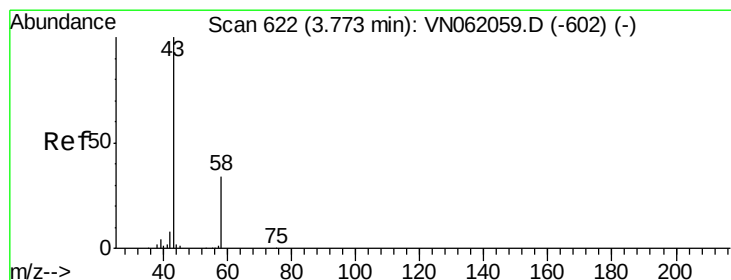
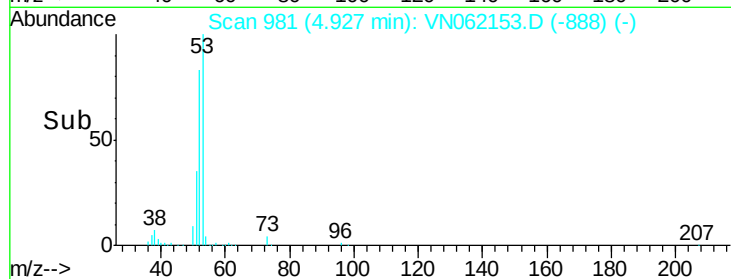
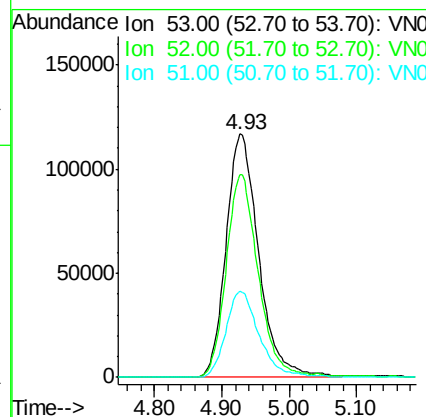
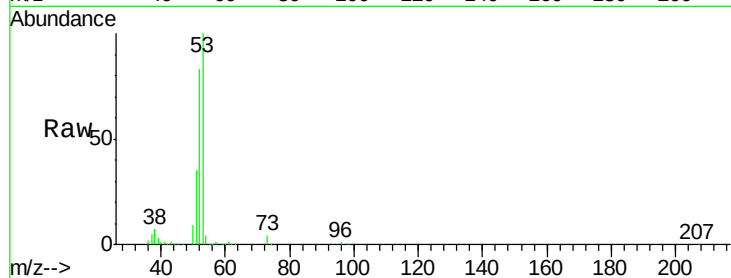
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	394611
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.2	99.4
51	35.9	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 274.964 ug/l

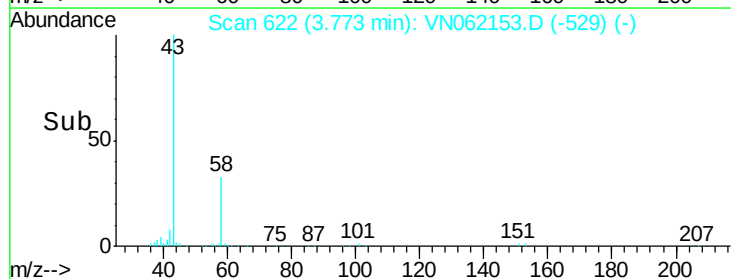
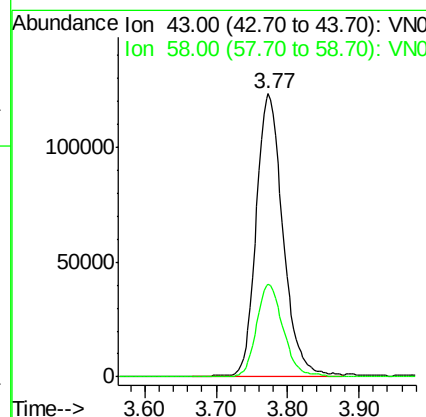
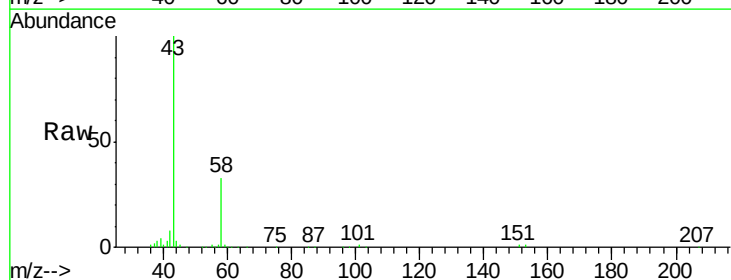
RT: 3.77 min Scan# 622

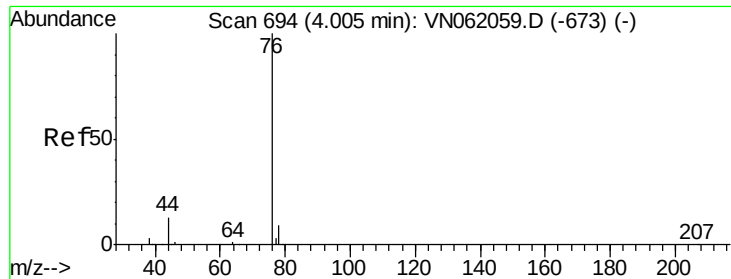
Delta R.T. 0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion:	43	Resp:	323241
Ion Ratio	Lower	Upper	
43	100		
58	32.6	27.5	41.3





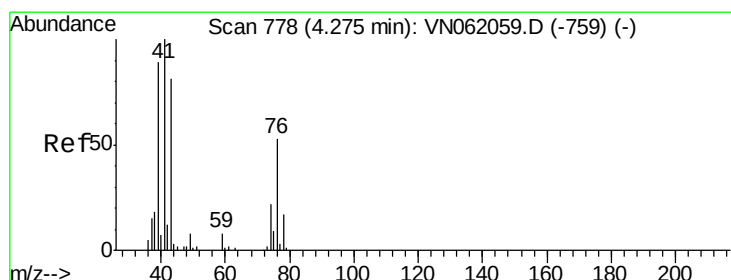
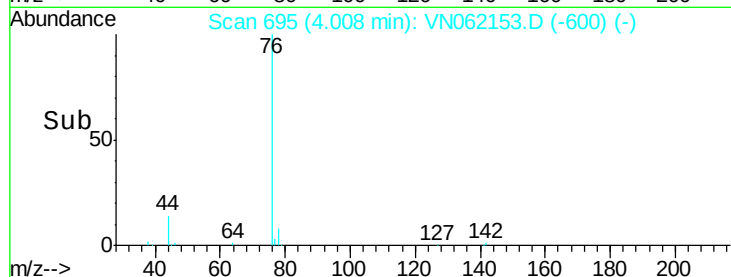
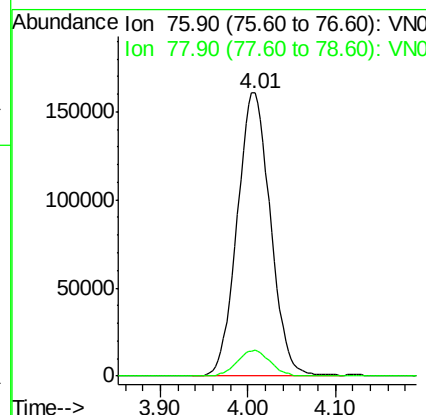
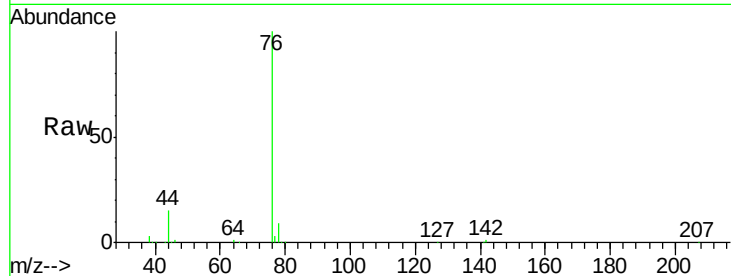
#17
Carbon Disulfide
Concen: 48.283 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

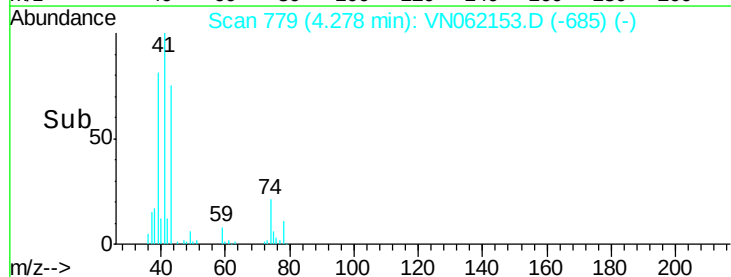
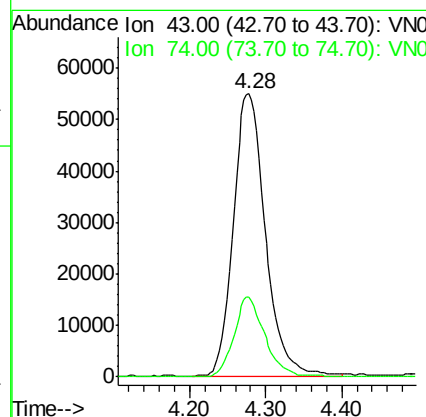
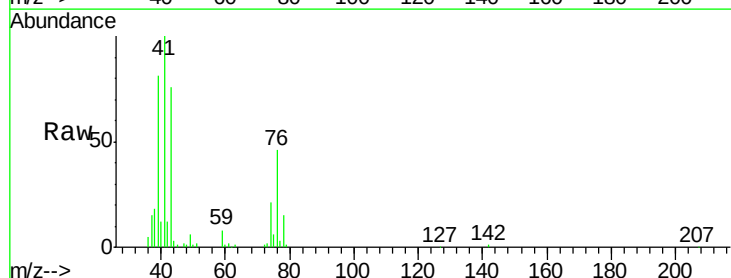
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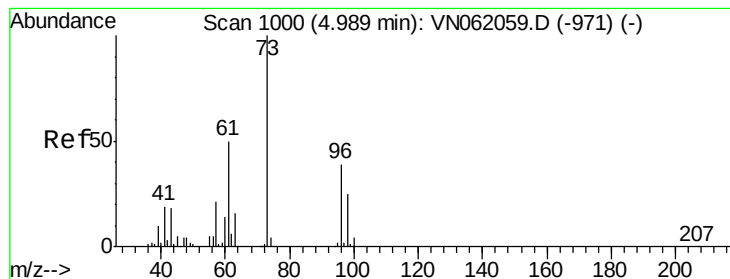
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#18
Methyl Acetate
Concen: 53.652 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	22.9	34.3





#19

Methvl tert-butyl Ether

Concen: 55.334 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 73 Resp: 542636

Ion Ratio Lower Upper

73 100

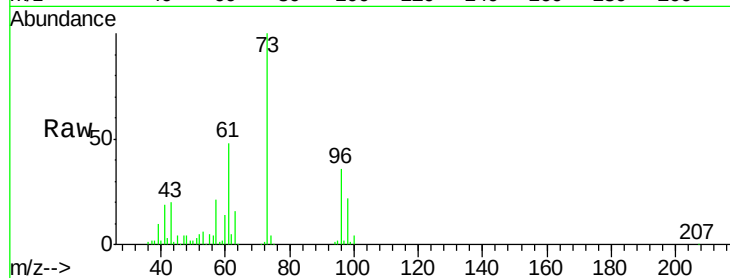
57 20.7 16.6 24.8

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Abundance Ion 73.00 (72.70 to 73.70): VN062153.D (-907) (-)

Ion 57.00 (56.70 to 57.70): VN062153.D (-907) (-)

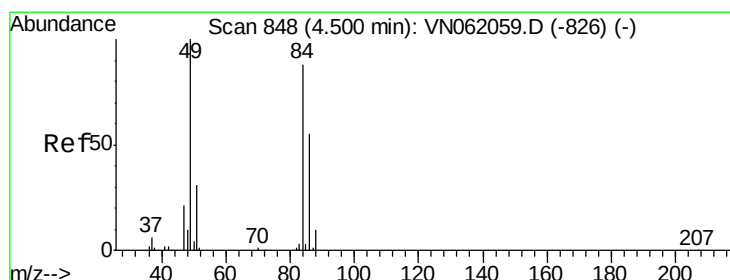
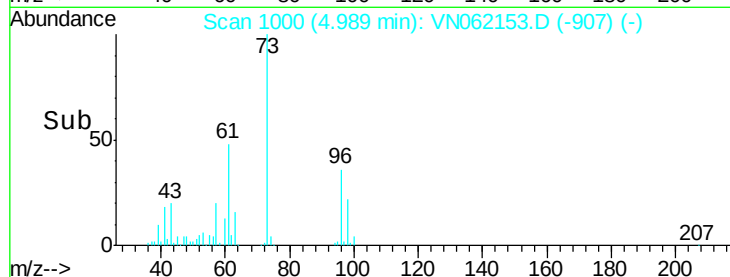
150000

100000

50000

0

Time--> 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 53.036 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion: 84 Resp: 182567

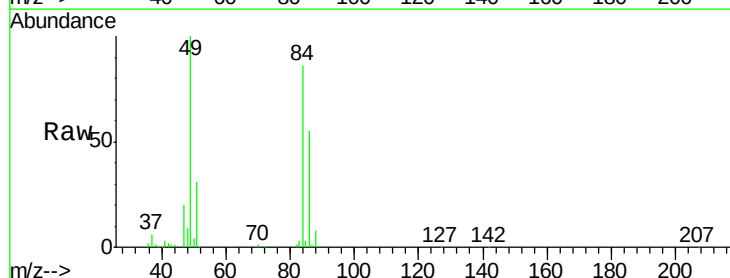
Ion Ratio Lower Upper

84 100

49 115.8 90.6 136.0

51 36.4 27.8 41.8

86 63.7 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VN062153.D (-755) (-)

Ion 48.90 (48.60 to 49.60): VN062153.D (-755) (-)

Ion 50.90 (50.60 to 51.60): VN062153.D (-755) (-)

Ion 85.90 (85.60 to 86.60): VN062153.D (-755) (-)

100000

80000

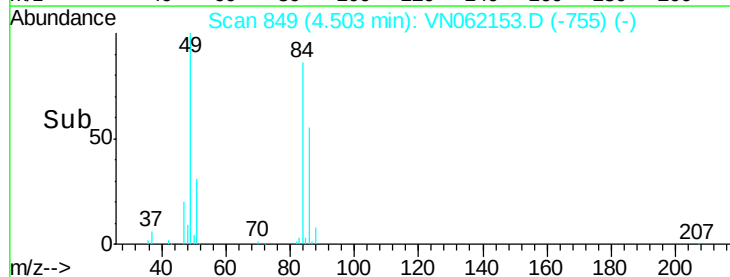
60000

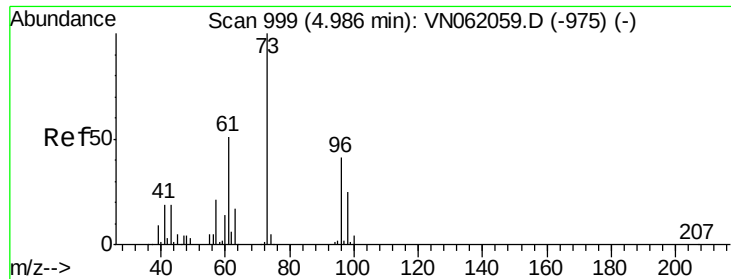
40000

20000

0

Time--> 4.40 4.50 4.60 4.70





#21

trans-1,2-Dichloroethene

Concen: 47.812 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

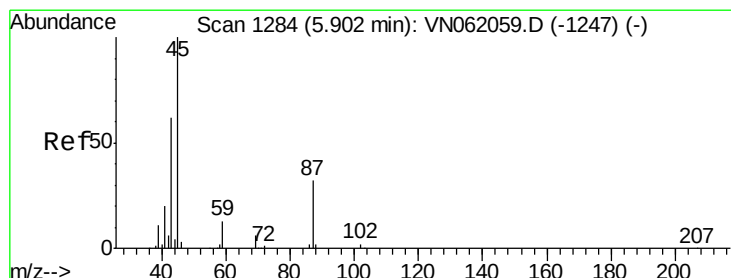
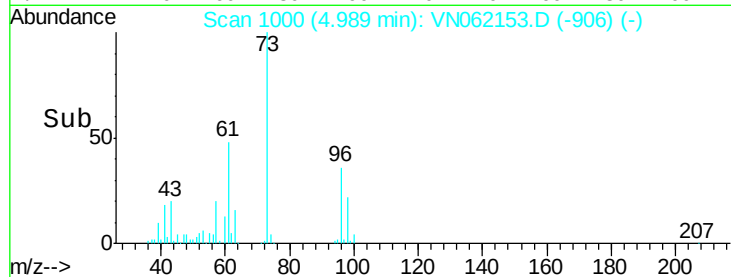
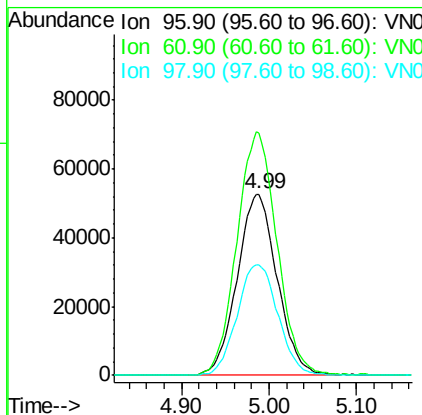
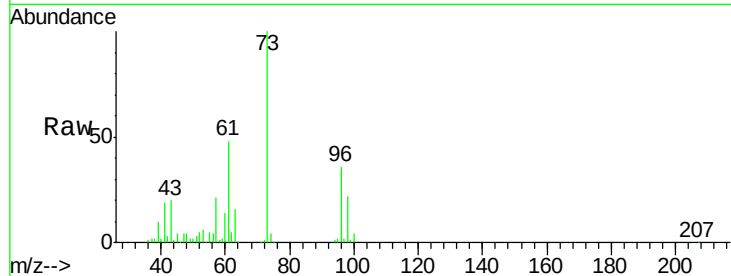
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	167156
Ion	Ratio	Lower	Upper
96	100		
61	133.8	101.4	152.2
98	61.0	49.3	73.9

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#22

Diisopropyl ether

Concen: 55.392 ug/l

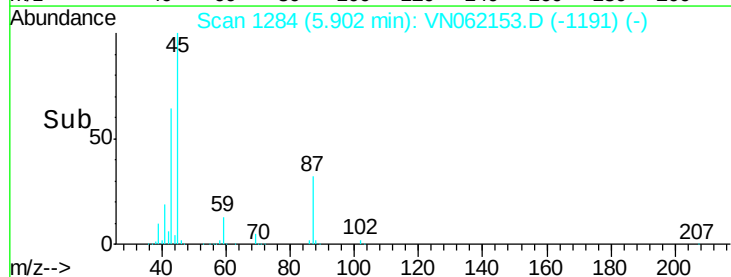
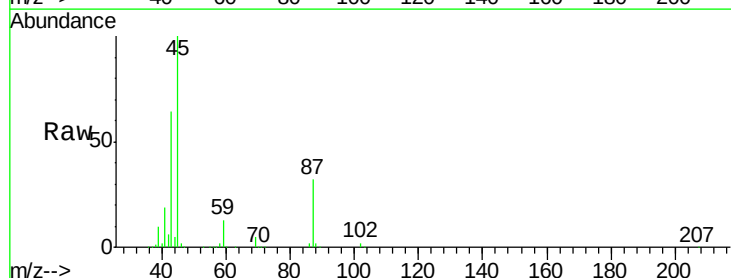
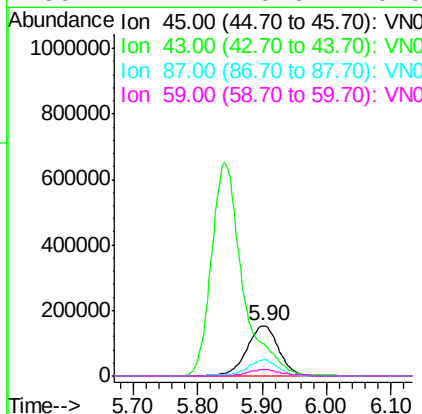
RT: 5.90 min Scan# 1284

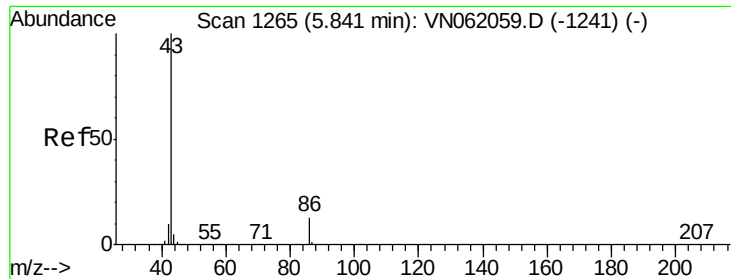
Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion:	45	Resp:	526978
Ion	Ratio	Lower	Upper
45	100		
43	62.4	49.7	74.5
87	32.2	25.9	38.9
59	12.7	10.6	16.0





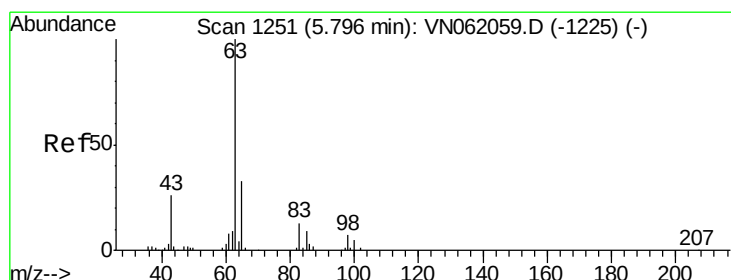
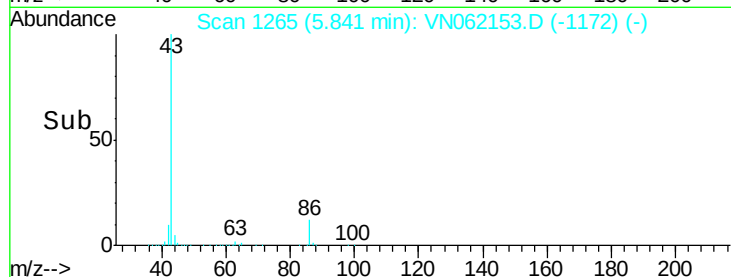
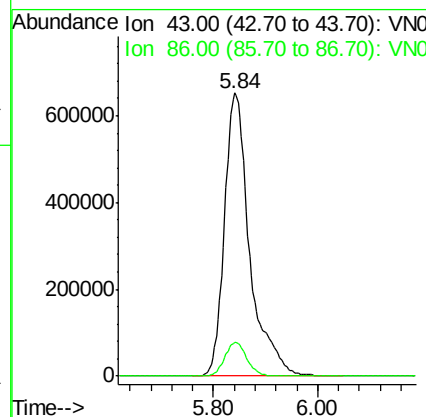
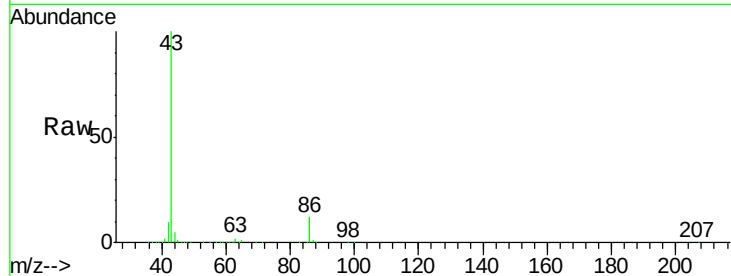
#23
 Vinyl Acetate
 Concen: 283.284 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2200377
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.1 15.1

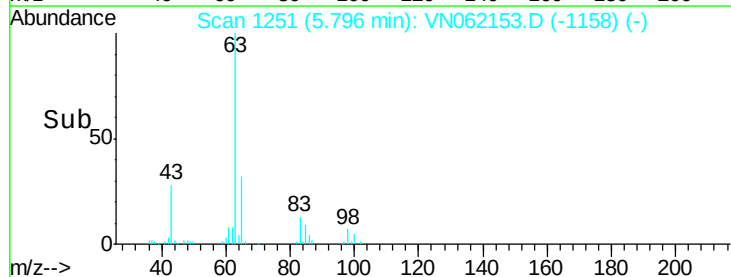
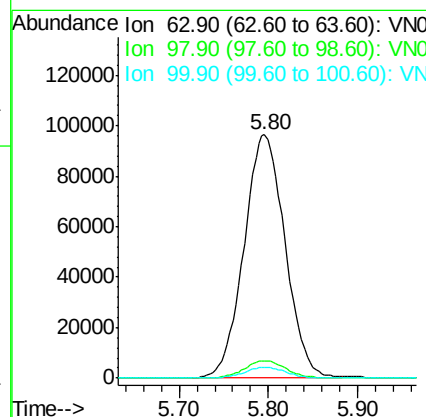
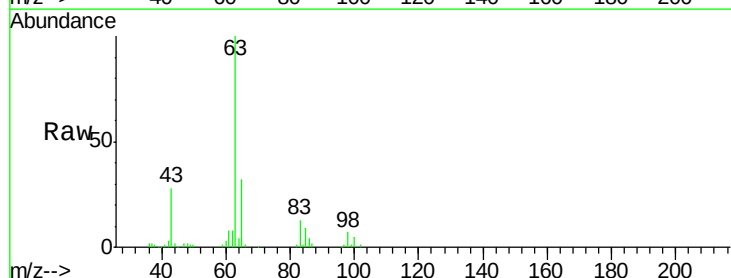
Manual Integrations
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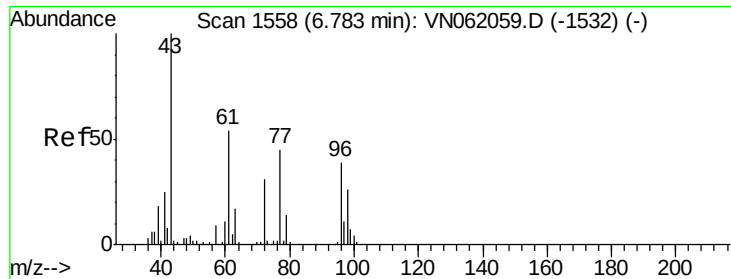
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#24
 1,1-Dichloroethane
 Concen: 50.482 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion: 63 Resp: 309263
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.6 2.4 7.1





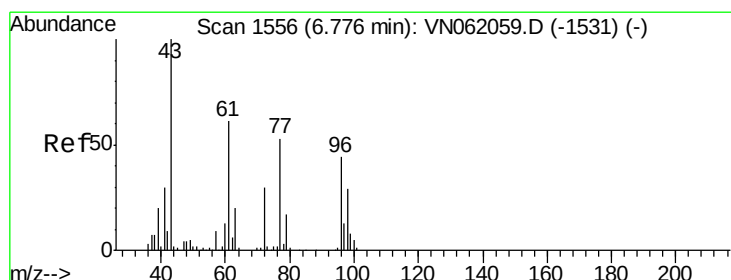
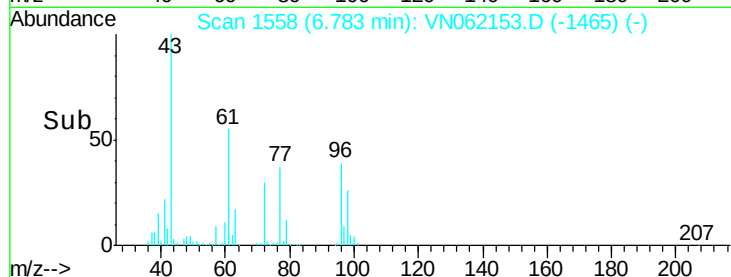
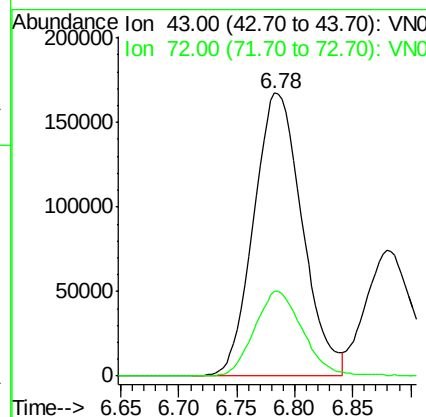
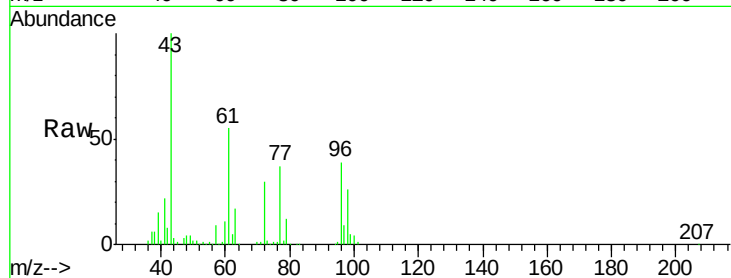
#25
2-Butanone
Concen: 266.542 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 488656
Ion Ratio Lower Upper
43 100
72 29.9 24.8 37.2

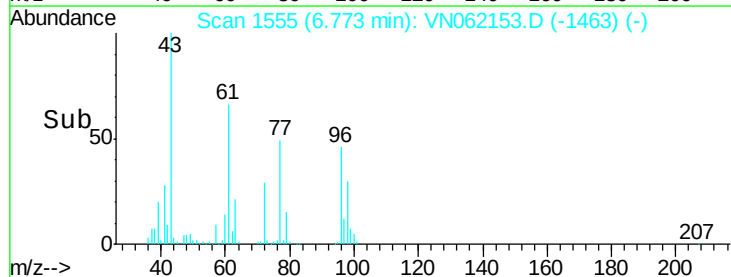
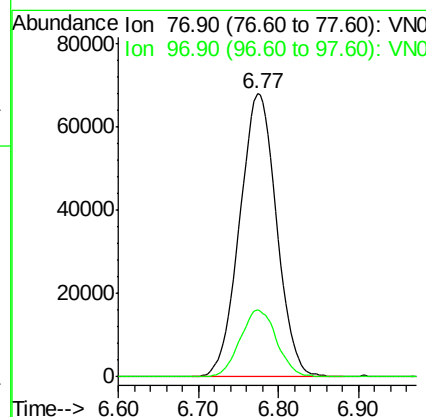
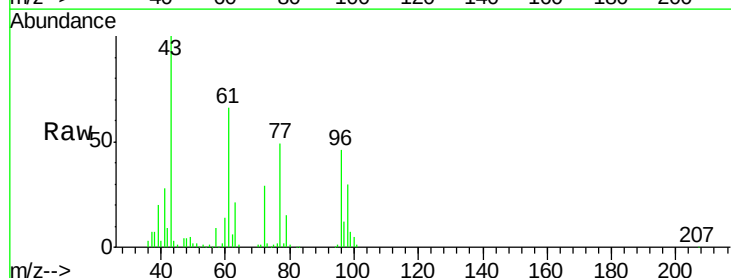
Manual Integrations
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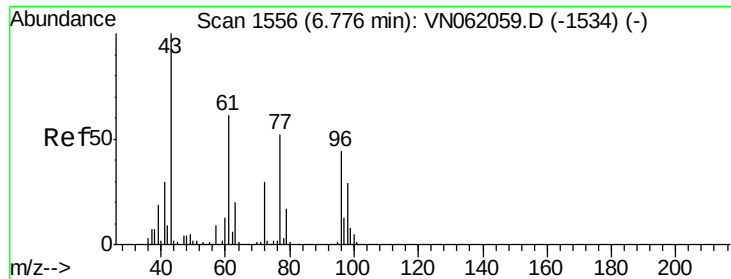
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#26
2,2-Dichloropropane
Concen: 41.696 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion: 77 Resp: 212861
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.439 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

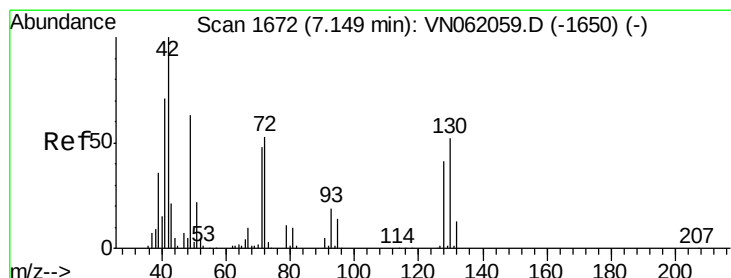
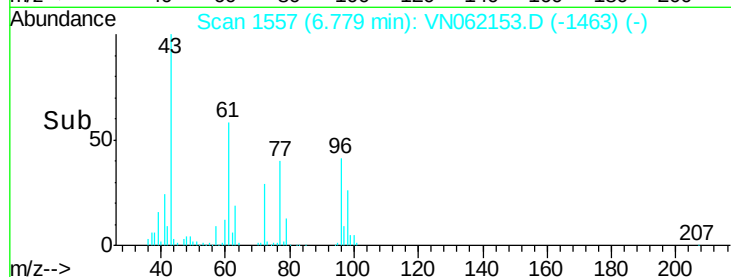
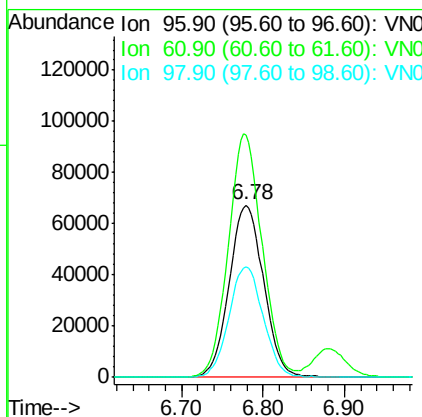
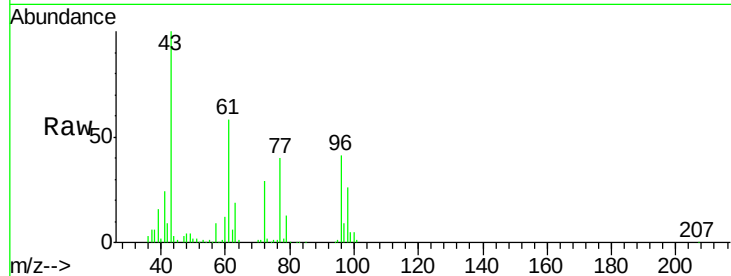
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	198429		
61	138.6	0.0	280.4	
98	63.9	0.0	129.4	

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#28

Bromochloromethane

Concen: 51.832 ug/l

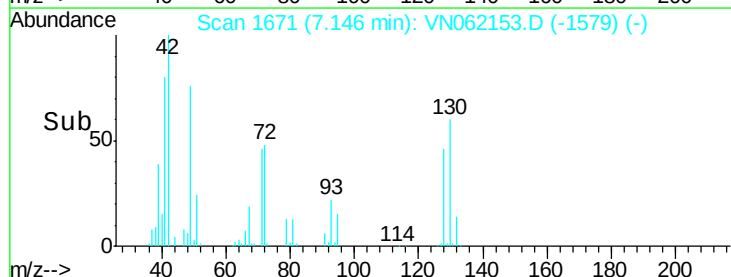
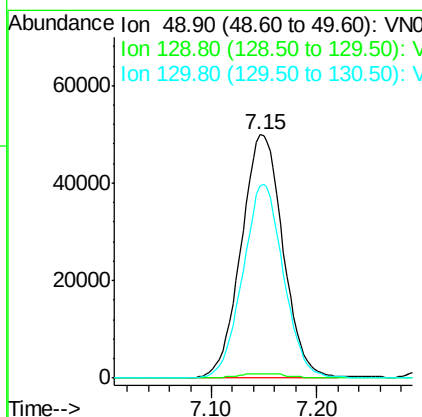
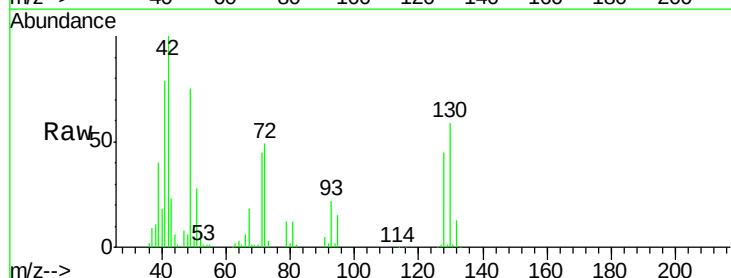
RT: 7.15 min Scan# 1671

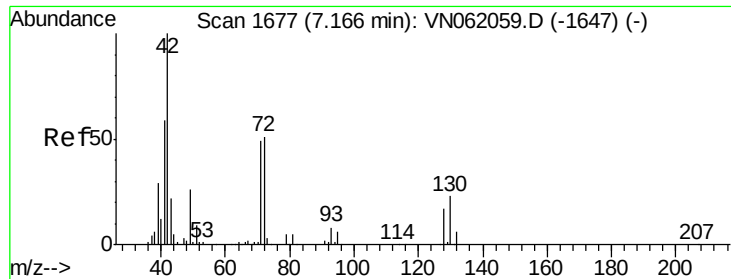
Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137772		
129	1.3	0.0	4.4	
130	77.4	65.5	98.3	





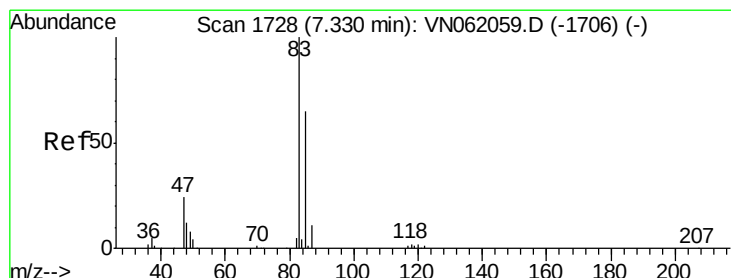
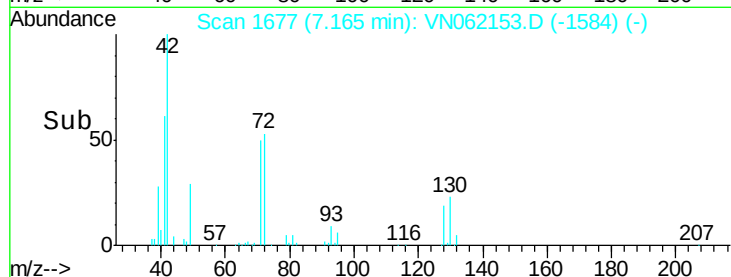
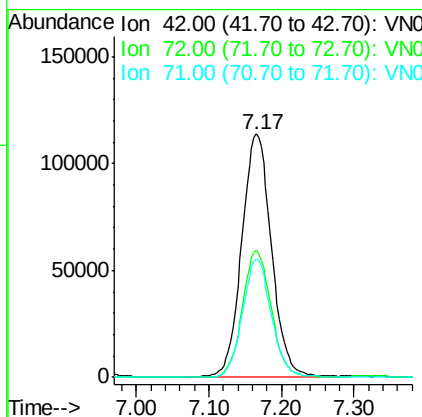
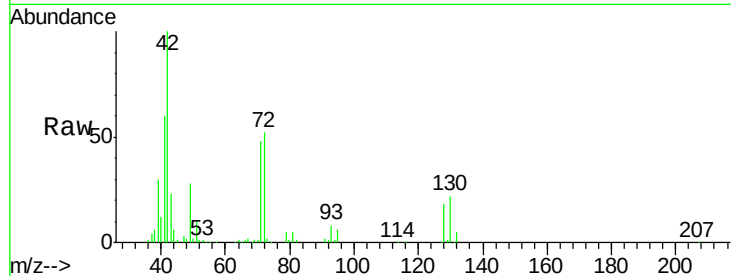
#29
Tetrahydrofuran
Concen: 271.976 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.5	41.1	61.7
71	46.9	38.2	57.4

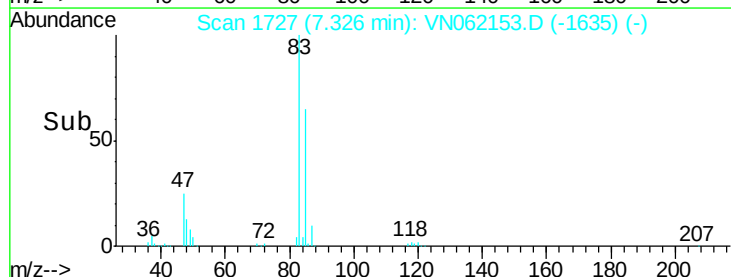
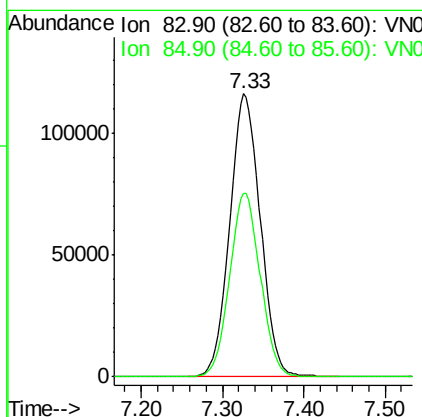
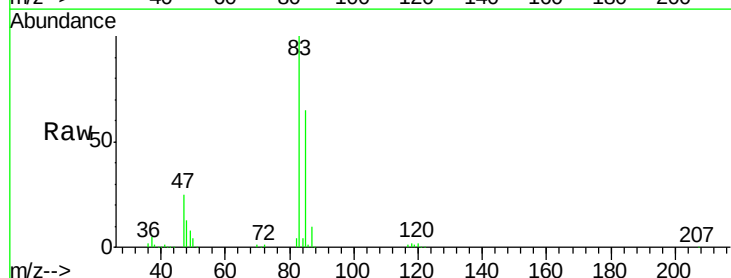
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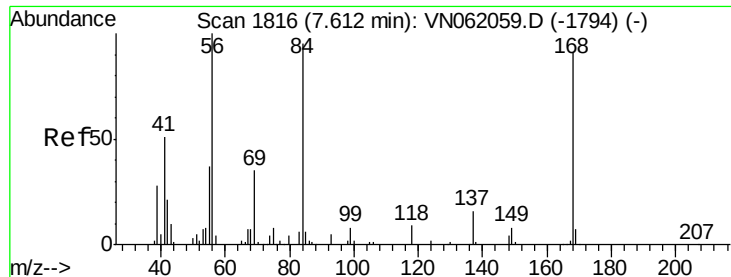
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#30
Chloroform
Concen: 48.958 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.3	78.5





#31

Cyclohexane

Concen: 49.787 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

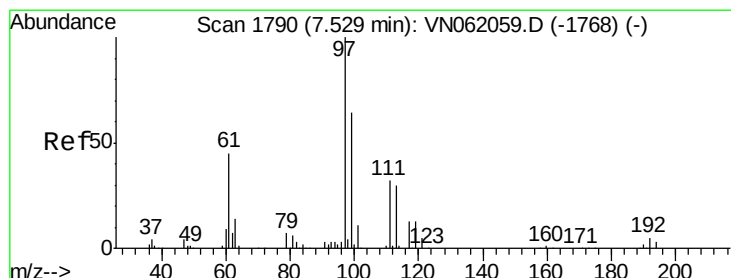
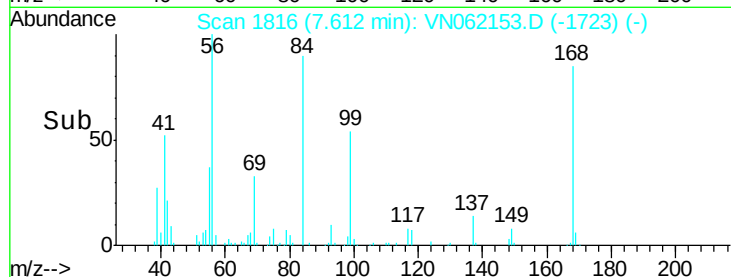
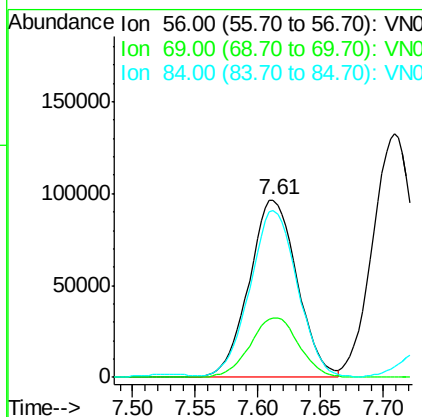
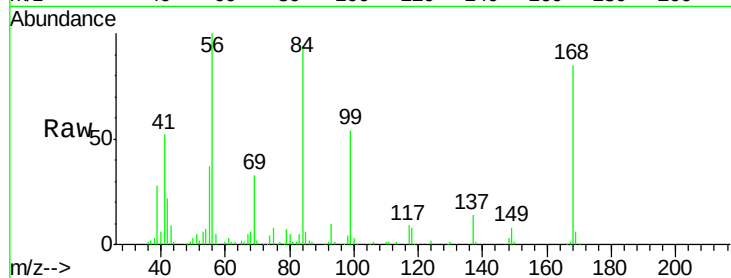
ClientSampled :

VSTDCCC050EC

Tot Ion	56	Resp	257995
Ion Ratio	Lower	Upper	
56	100		
69	33.3	28.0	42.0
84	92.8	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 49.017 ug/l

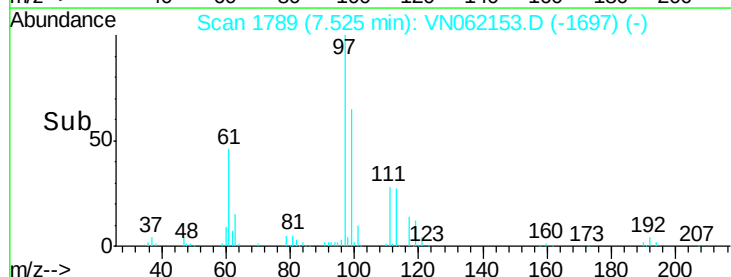
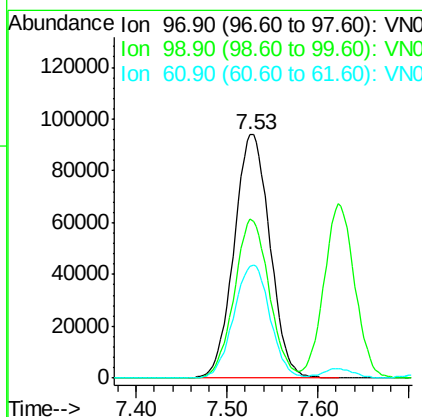
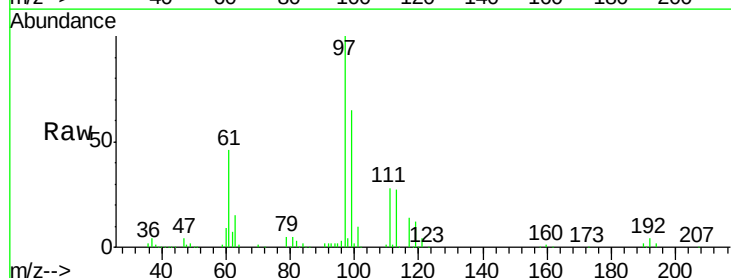
RT: 7.53 min Scan# 1789

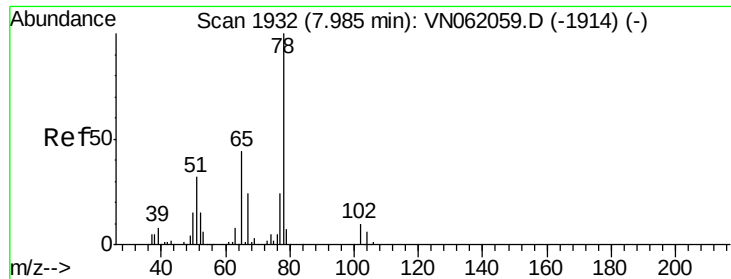
Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion	97	Resp	257654
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.0	76.4
61	46.9	36.2	54.2





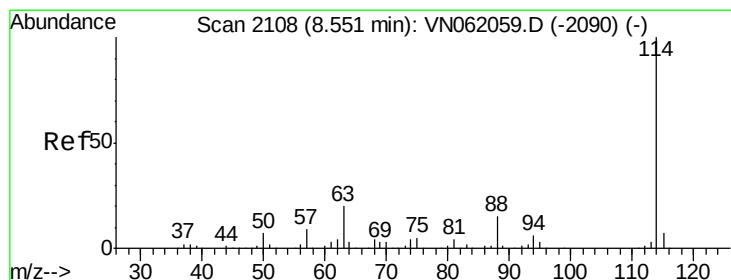
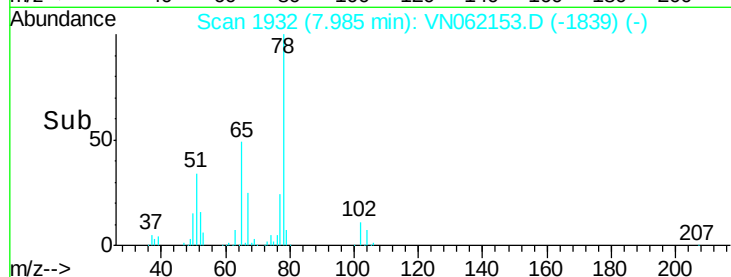
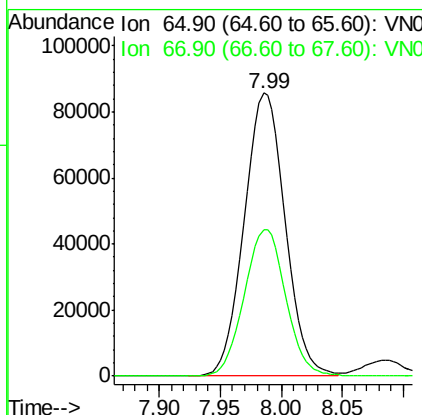
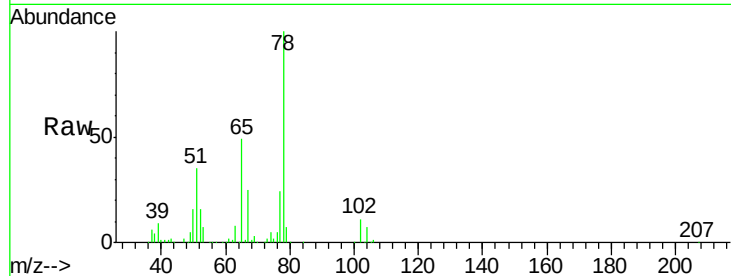
#33
 1,2-Dichloroethane-d4
 Concen: 53.021 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	198867		
67	52.5	0.0	106.2	

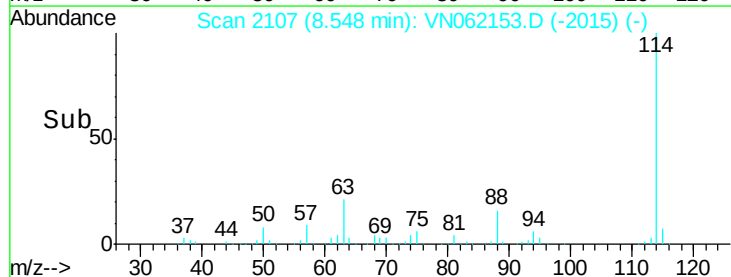
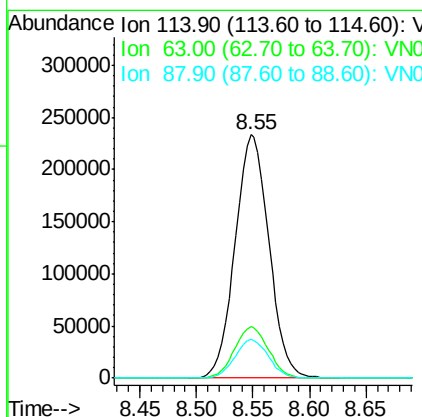
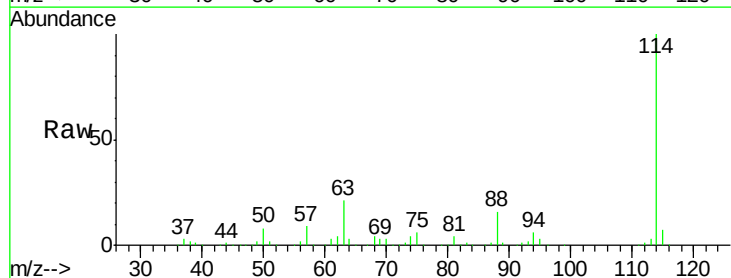
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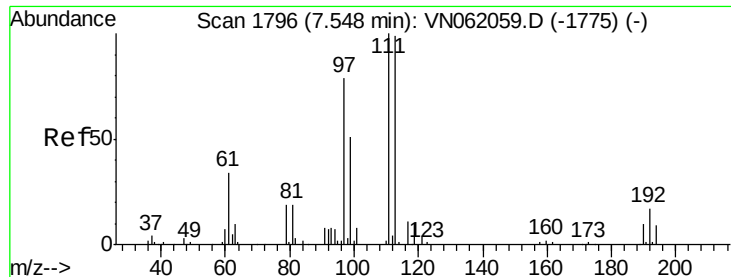
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	487085		
63	21.0	0.0	39.2	
88	15.7	0.0	30.8	





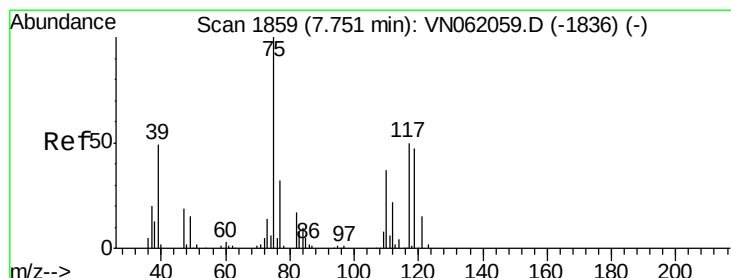
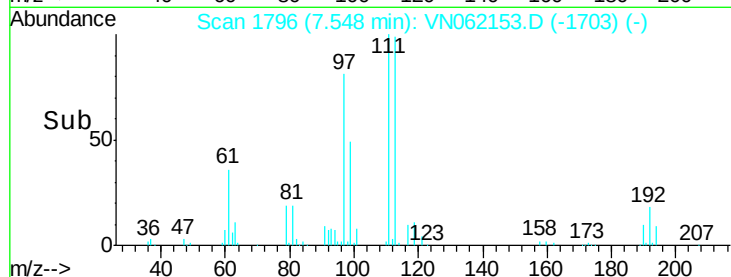
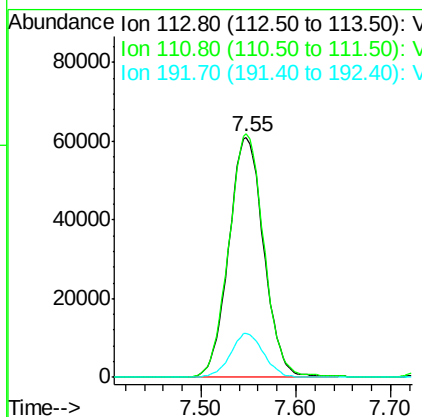
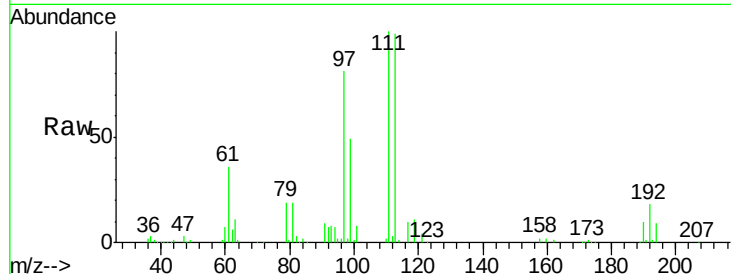
#35
 Dibromofluoromethane
 Concen: 50.135 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	156667		
111	102.1	82.2	123.4	
192	17.3	14.0	21.0	

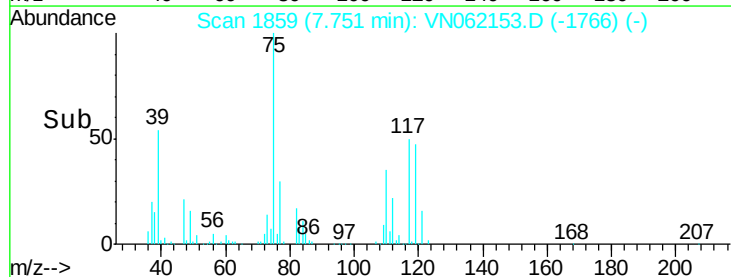
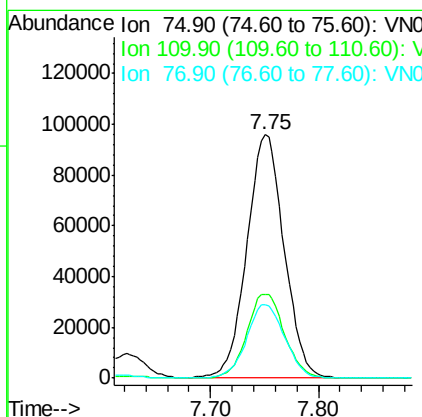
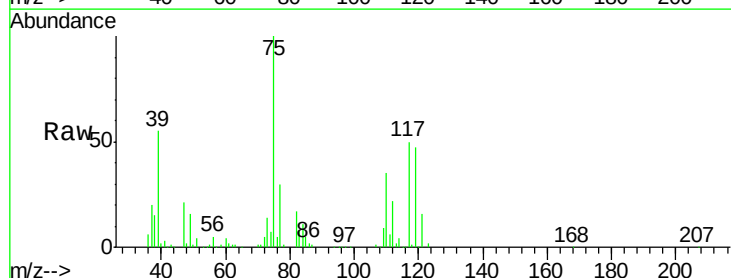
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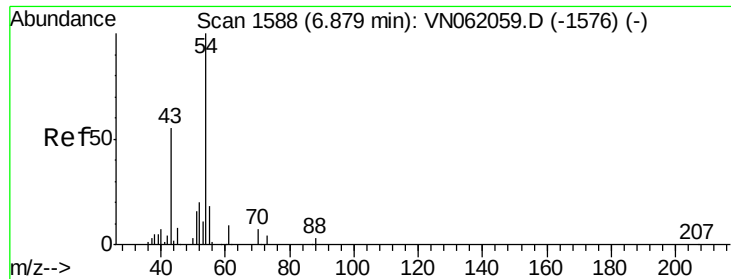
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#36
 1,1-Dichloropropene
 Concen: 46.661 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	228449		
110	34.9	17.9	53.8	
77	31.2	24.9	37.3	





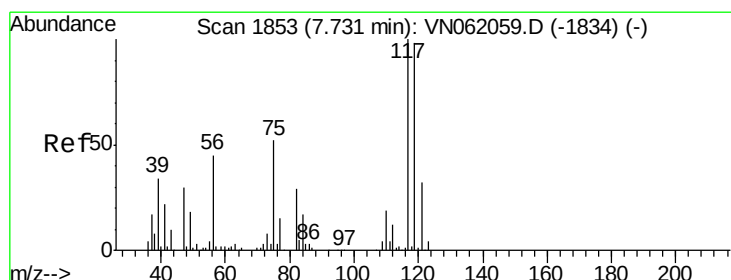
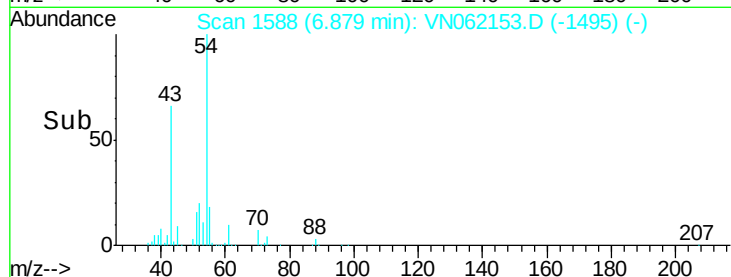
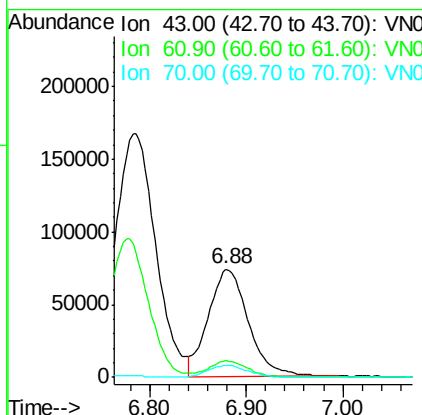
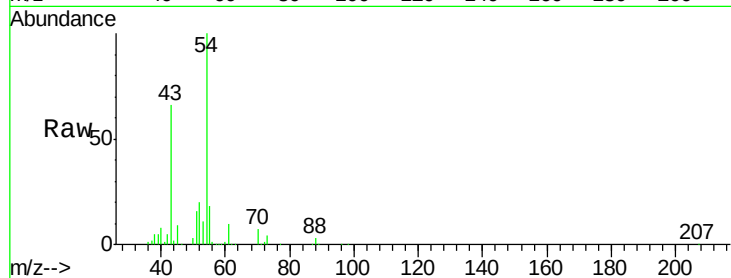
#37
Ethyl Acetate
Concen: 52.663 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.0	18.0
70	11.0	9.6	14.4

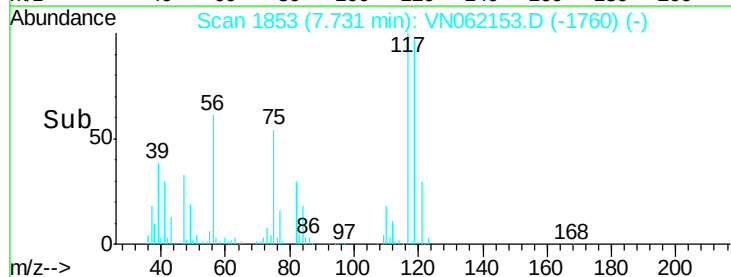
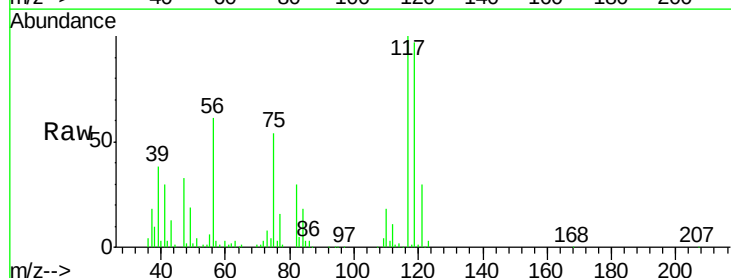
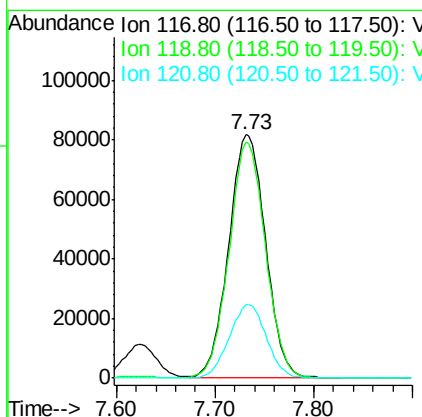
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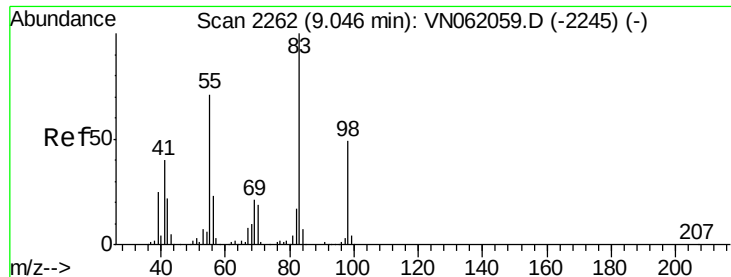
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#38
Carbon Tetrachloride
Concen: 46.103 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.2
121	30.0	25.8	38.6





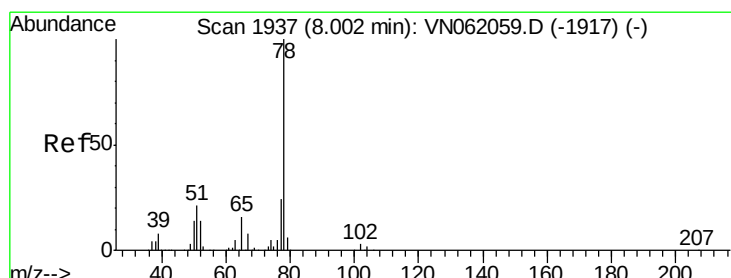
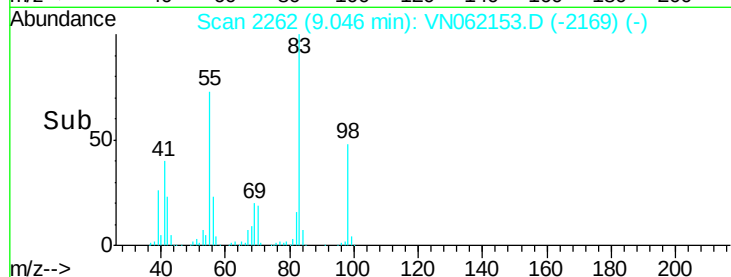
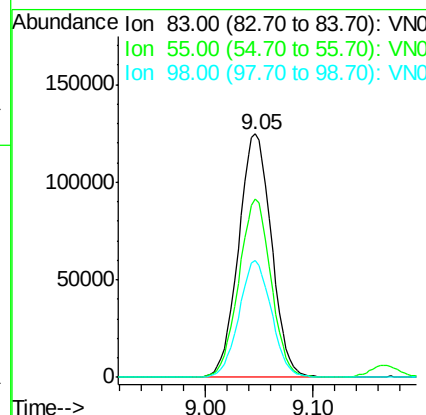
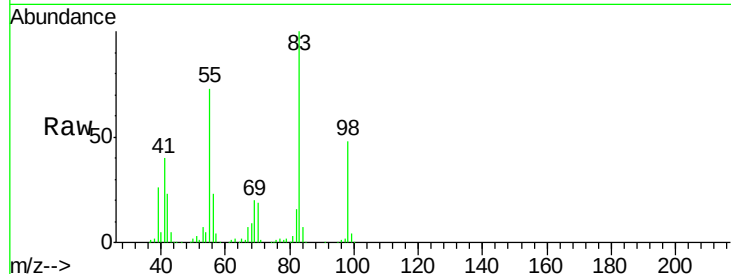
#39
Methylvlcyclohexane
Concen: 49.505 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	265566		
55	73.3		57.0	85.6
98	47.8		39.0	58.6

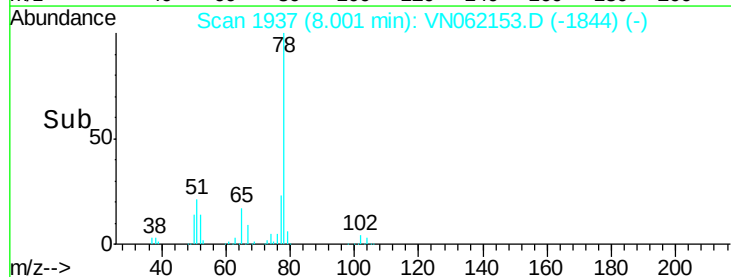
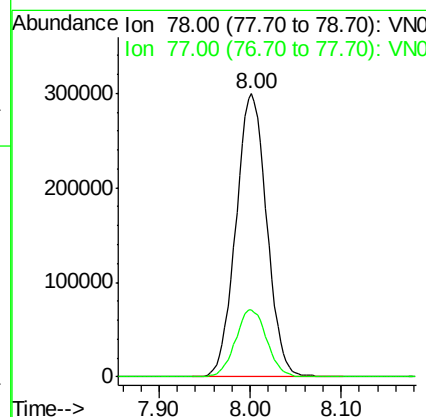
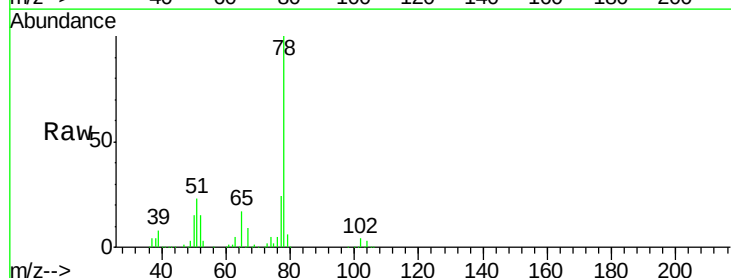
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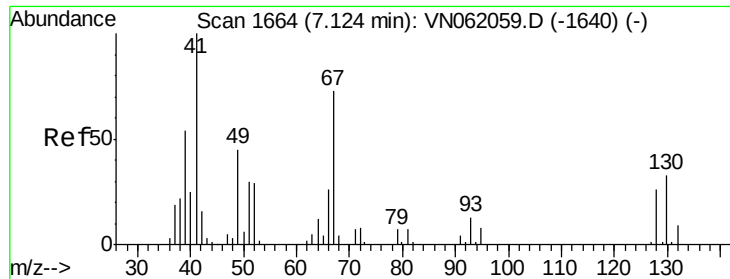
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#40
Benzene
Concen: 47.208 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	704459		
77	23.5		19.5	29.3





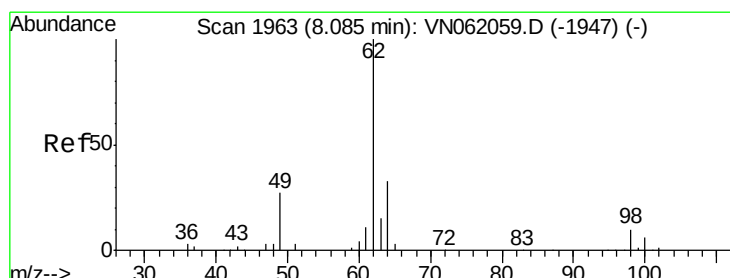
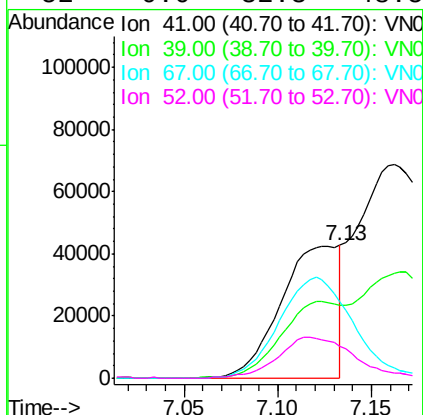
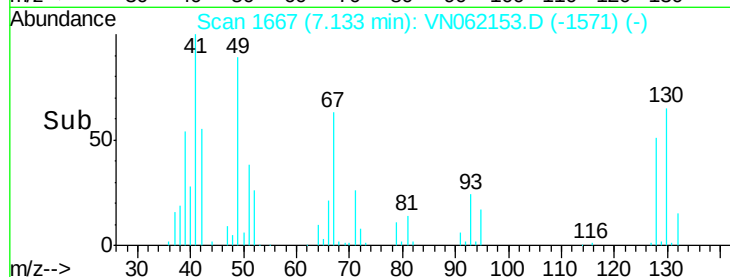
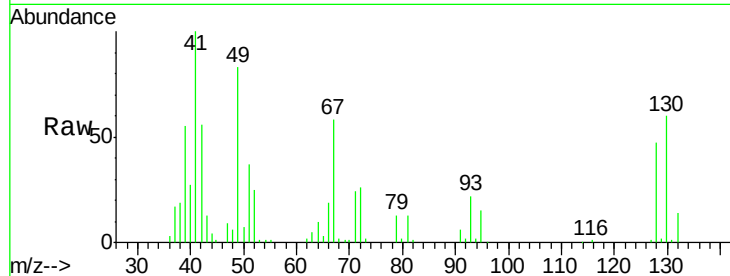
#41
Methacrylonitrile
Concen: 49.713 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

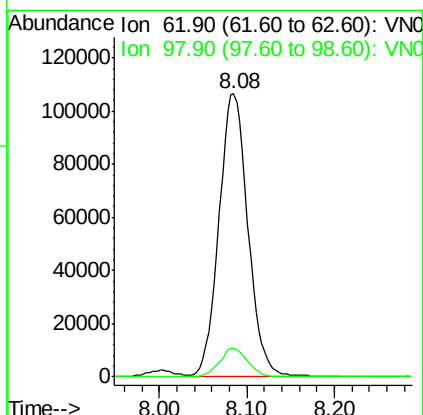
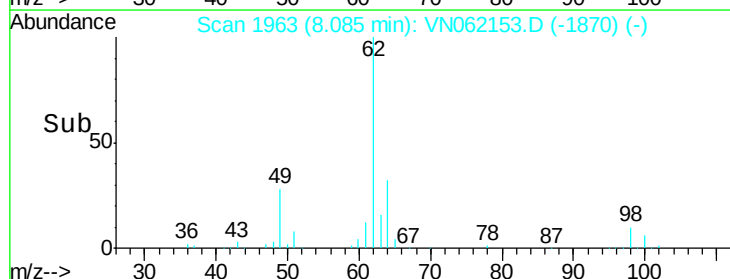
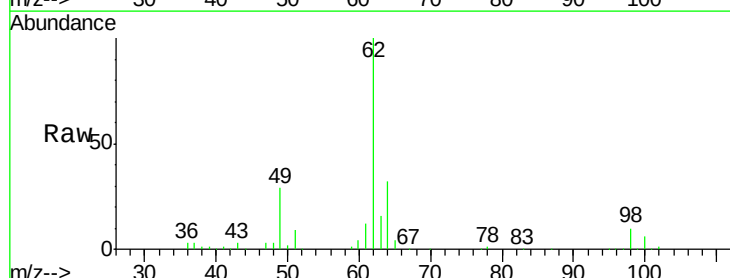
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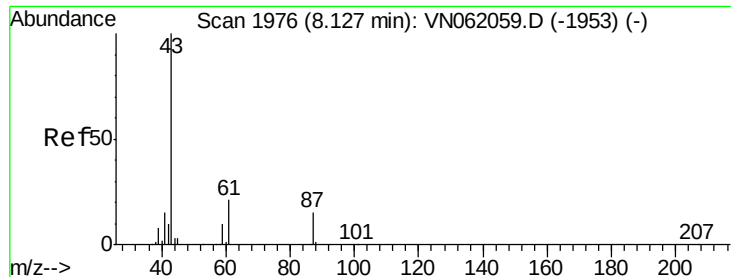
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#42
1,2-Dichloroethane
Concen: 48.537 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 53.111 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

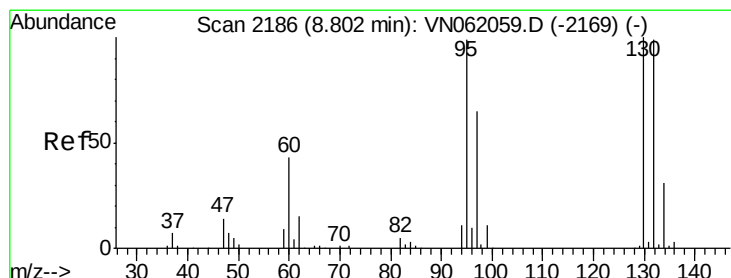
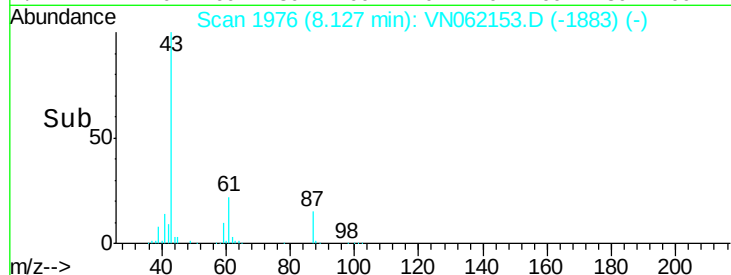
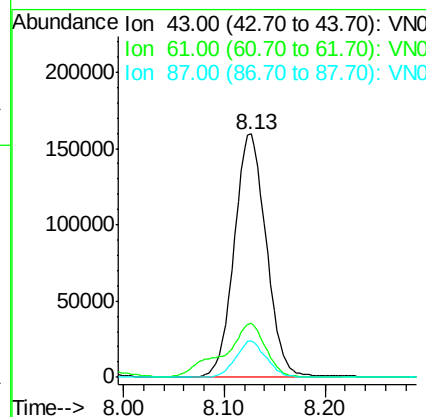
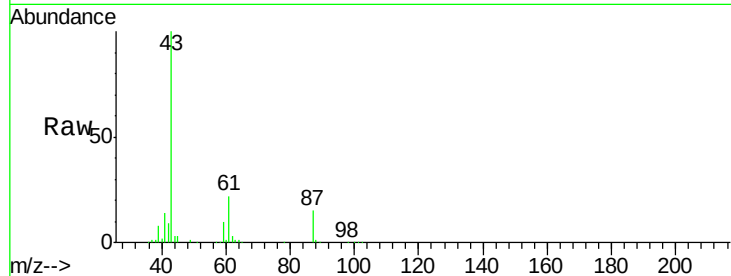
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	351002
Ion	Ratio	Lower	Upper
43	100		
61	28.8	17.2	25.8#
87	14.4	12.1	18.1

Manual Integrations
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#44

Trichloroethene

Concen: 45.581 ug/l

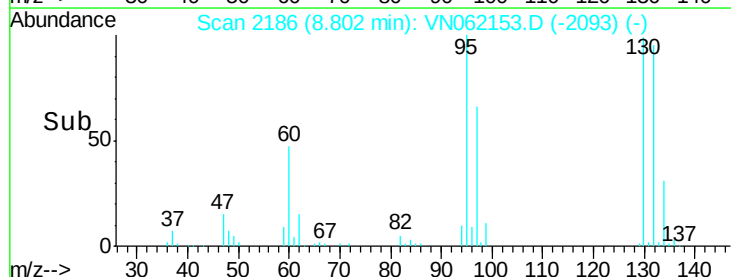
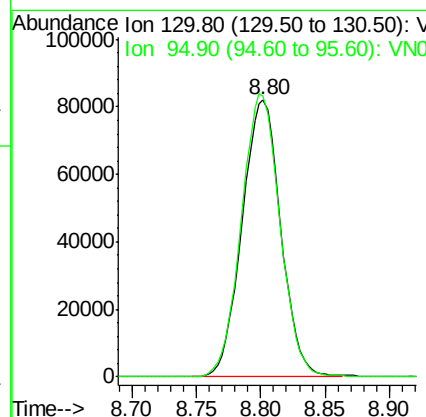
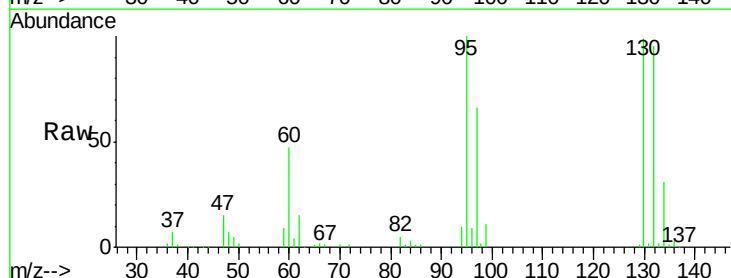
RT: 8.80 min Scan# 2186

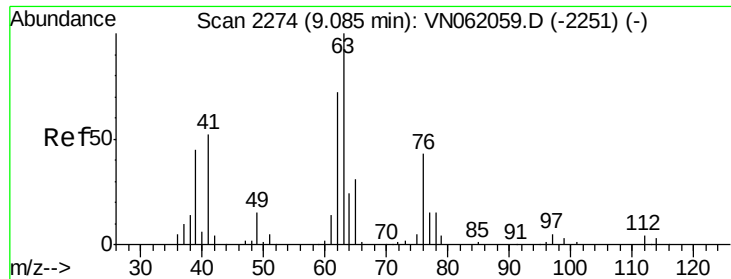
Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion:	130	Resp:	171581
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	197.8





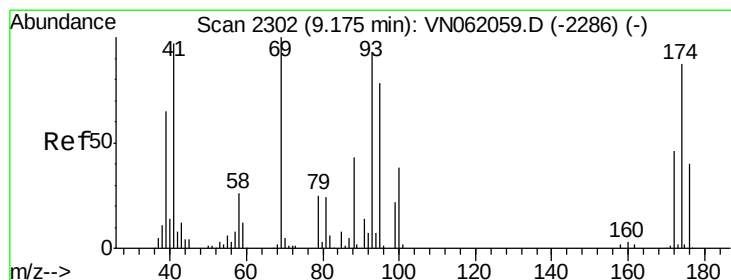
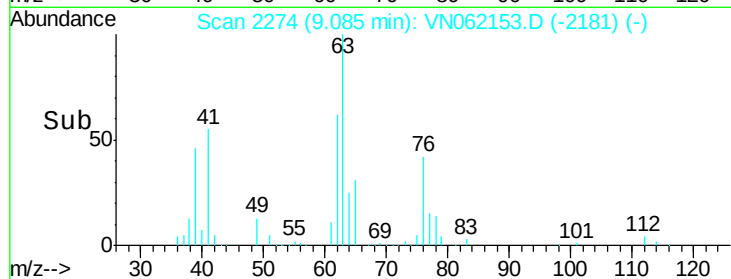
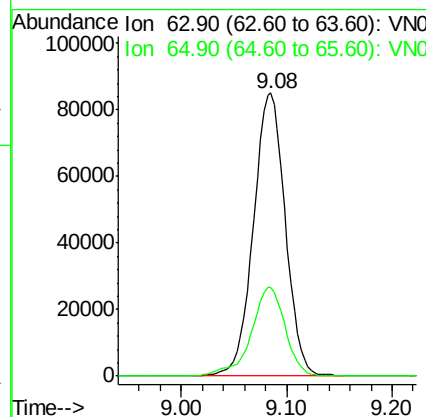
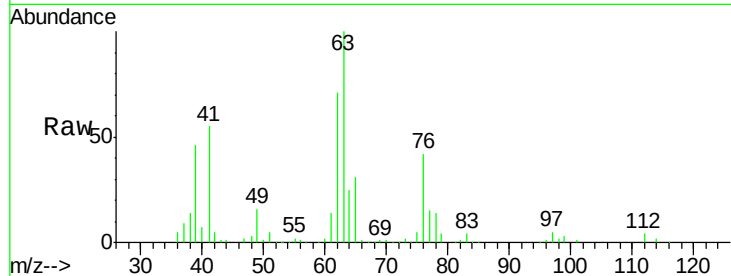
#45
 1,2-Dichloropropane
 Concen: 48.723 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 179372
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4

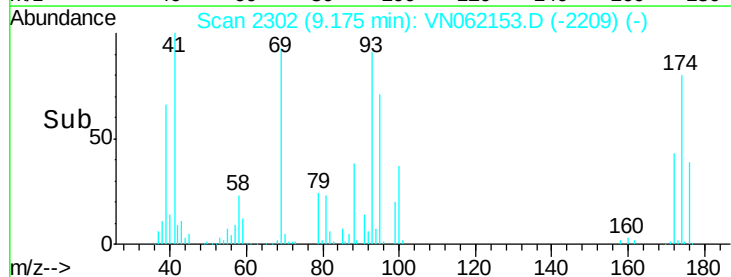
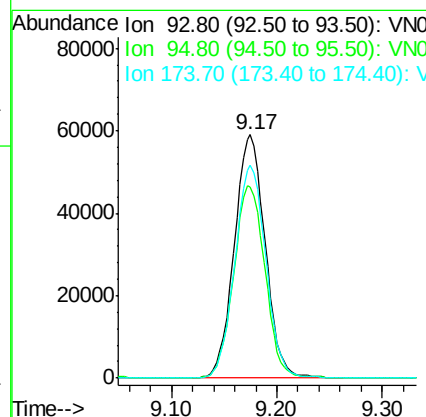
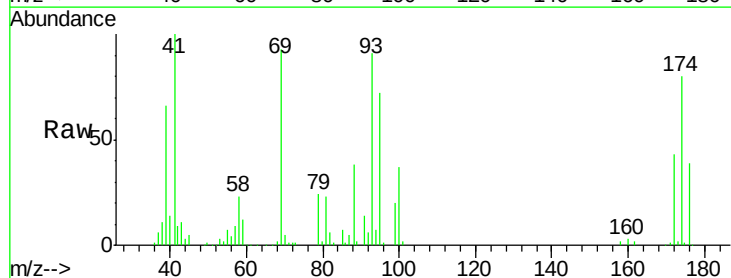
Manual Integrations
 APPROVED

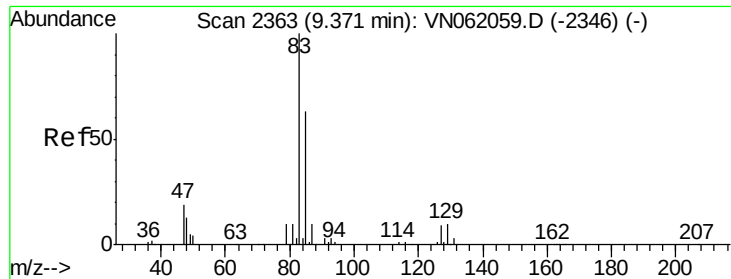
MMDadoda
 6/29/2020 12:35:47 PM



#46
 Dibromomethane
 Concen: 47.816 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion: 93 Resp: 119351
 Ion Ratio Lower Upper
 93 100
 95 80.5 67.0 100.6
 174 88.3 74.4 111.6





#47

Bromodichloromethane

Concen: 48.297 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

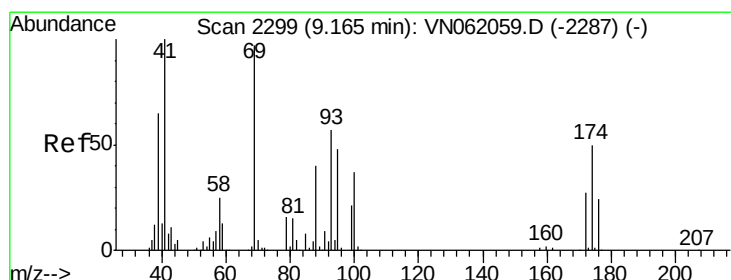
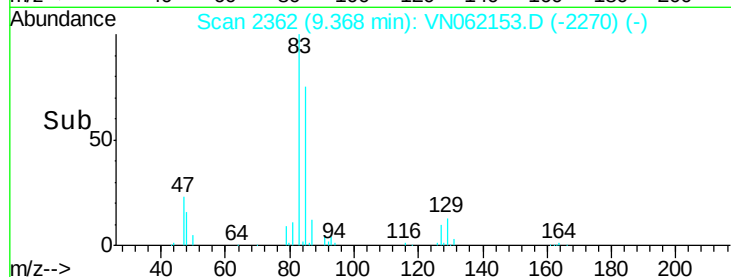
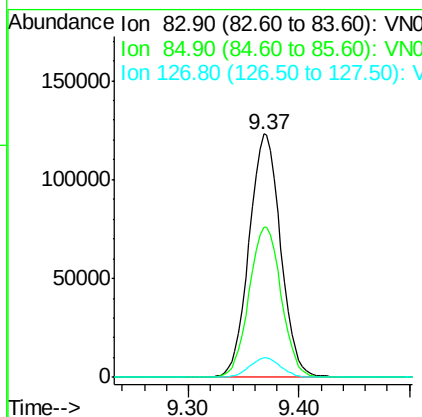
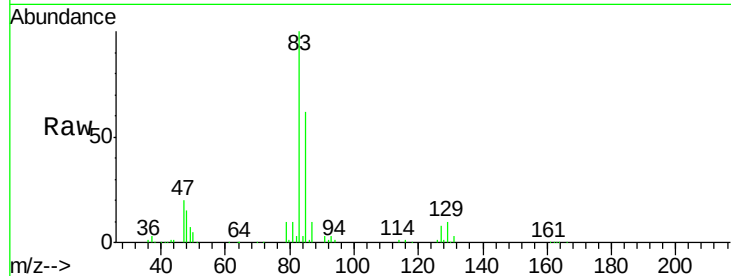
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	243414
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.3	75.5
127	7.9	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.436 ug/l

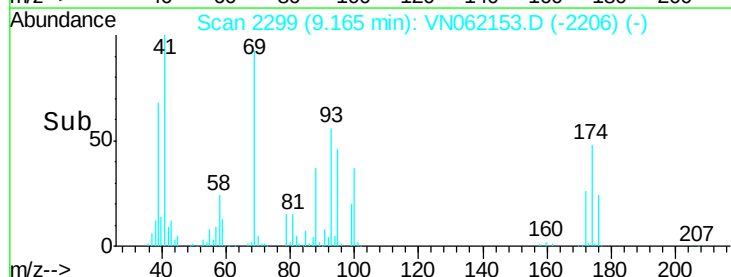
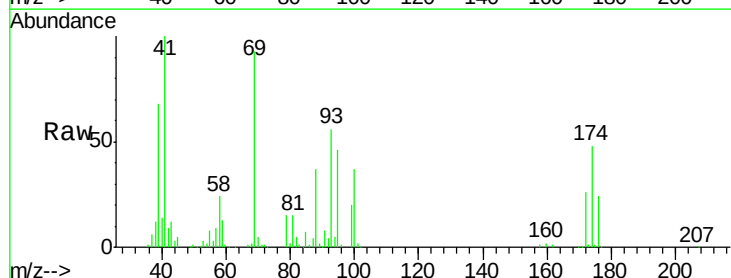
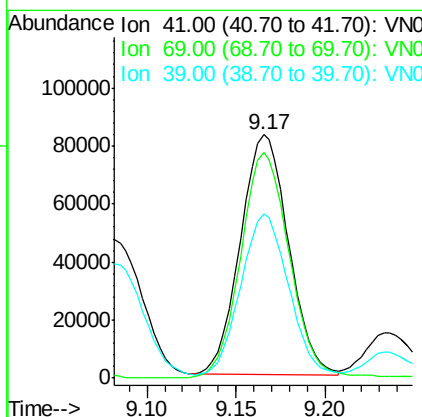
RT: 9.17 min Scan# 2299

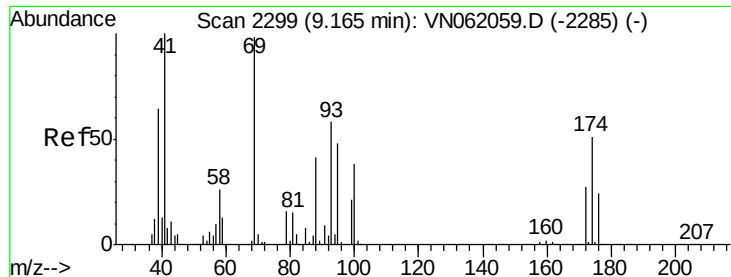
Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion:	41	Resp:	155381
Ion	Ratio	Lower	Upper
41	100		
69	96.2	80.7	121.1
39	69.1	54.5	81.7





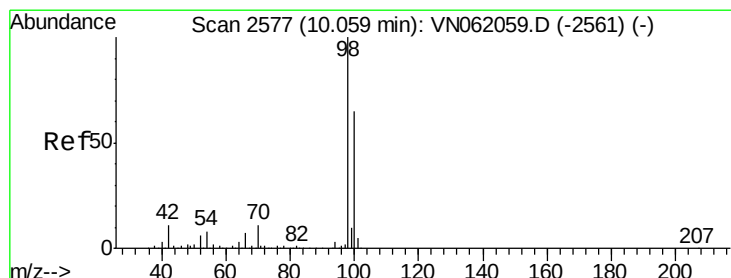
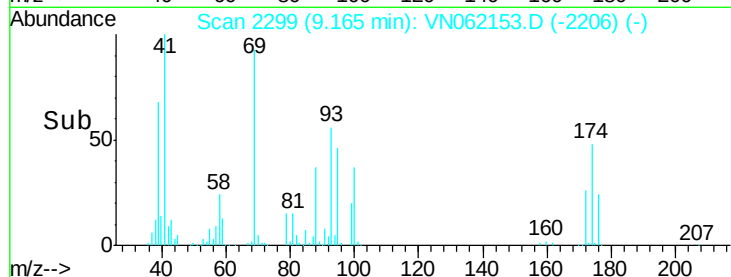
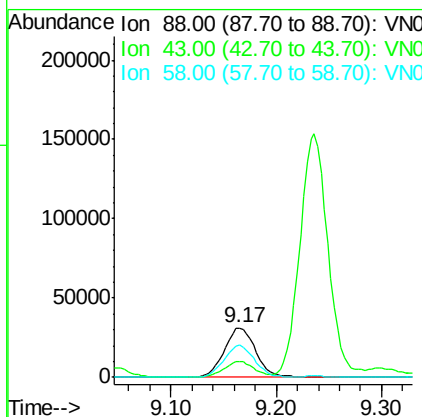
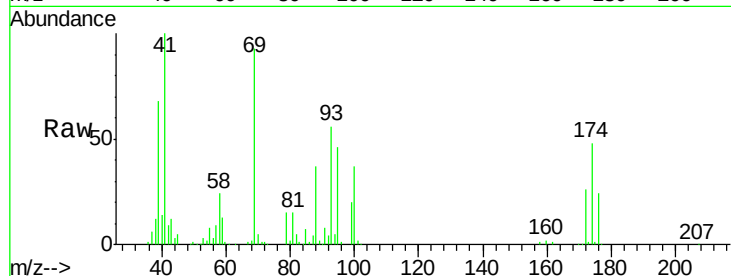
#49
1,4-Dioxane
Concen: 977.888 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	22.0	33.0
58	63.5	49.2	73.8

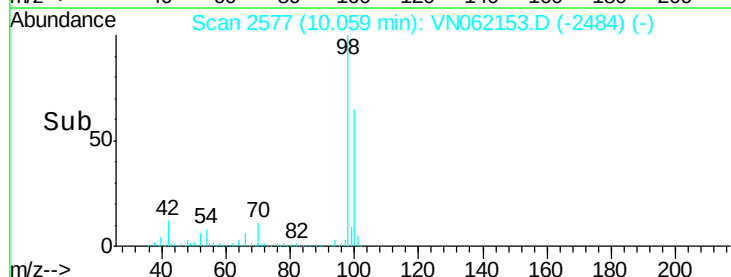
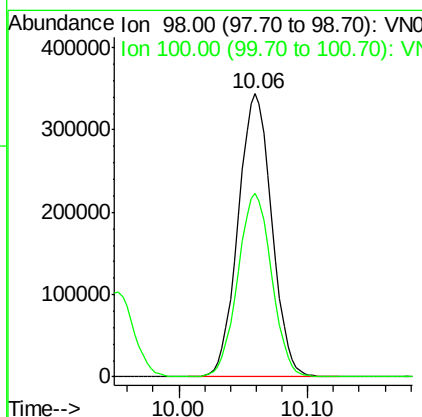
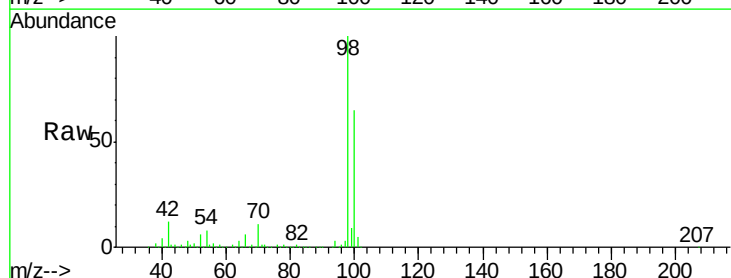
Manual Integrations
APPROVED

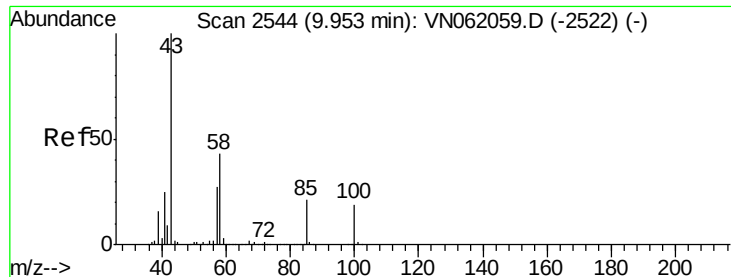
MMDadoda
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#50
Toluene-d8
Concen: 50.003 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 267.702 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1033666

Ion Ratio Lower Upper

43 100

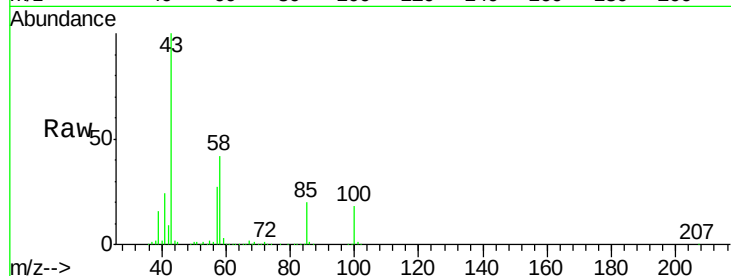
58 42.1 34.2 51.2

Manual Integrations

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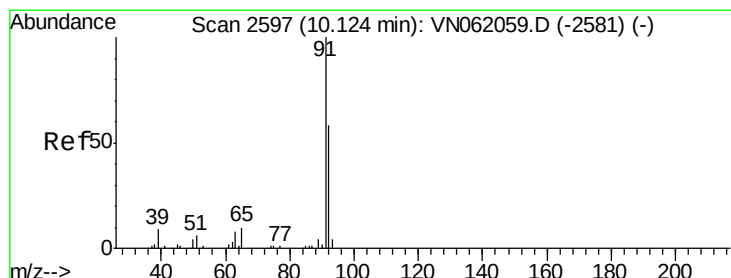
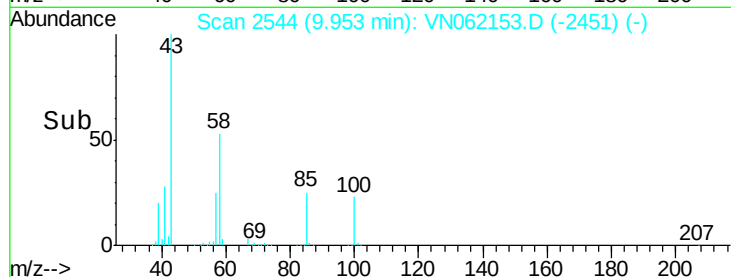
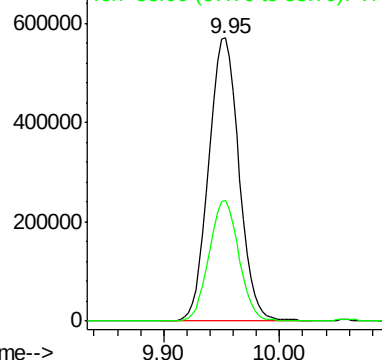
MMDadoda

6/29/2020 12:35:47 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.718 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062153.D

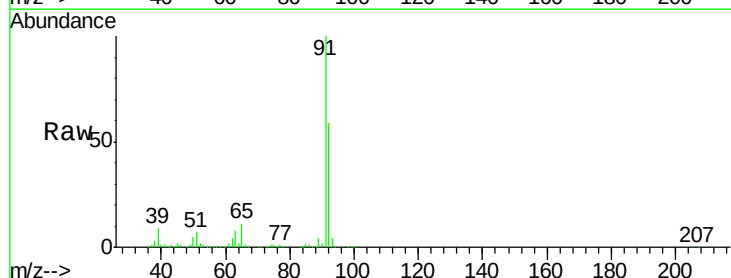
Acq: 26 Jun 2020 20:39

Tgt Ion: 92 Resp: 452690

Ion Ratio Lower Upper

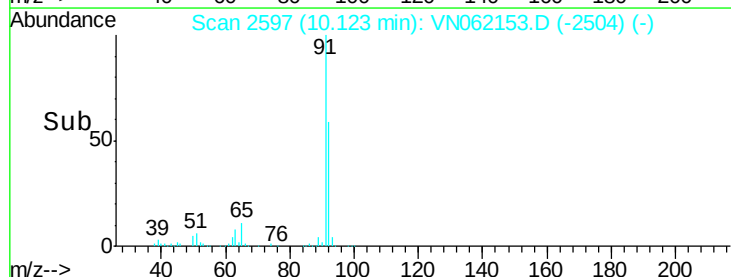
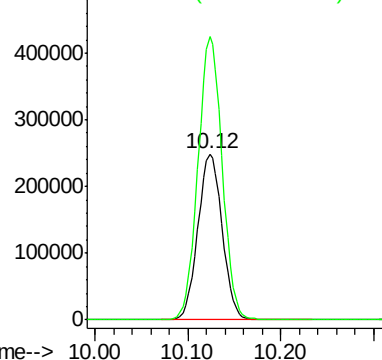
92 100

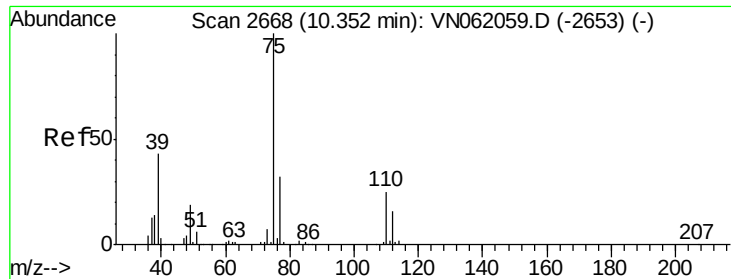
91 169.7 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





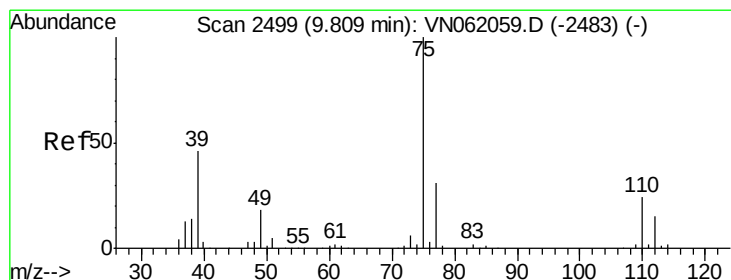
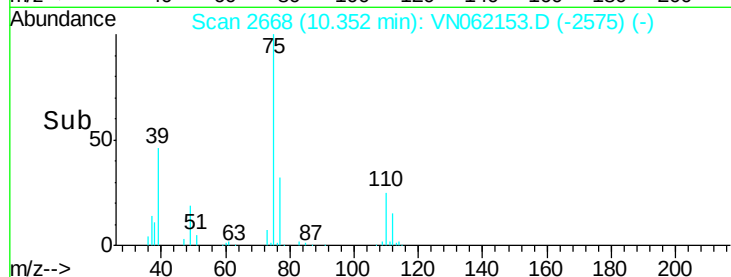
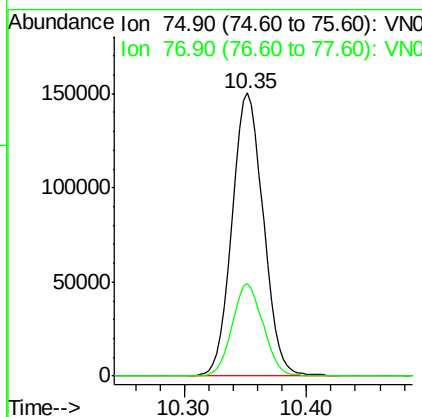
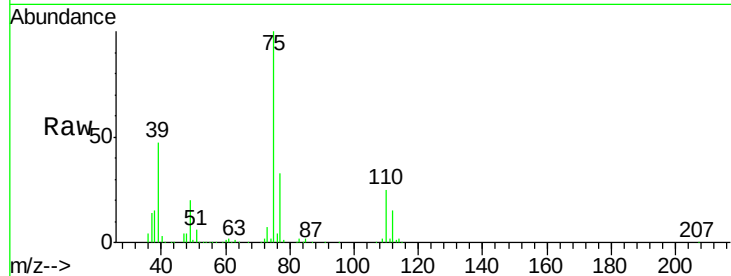
#53
t-1,3-Dichloropropene
Concen: 48.439 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 268587
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3

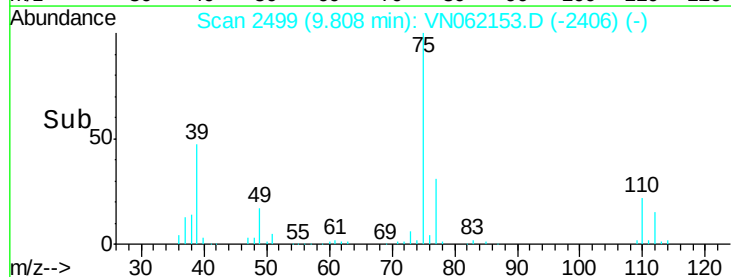
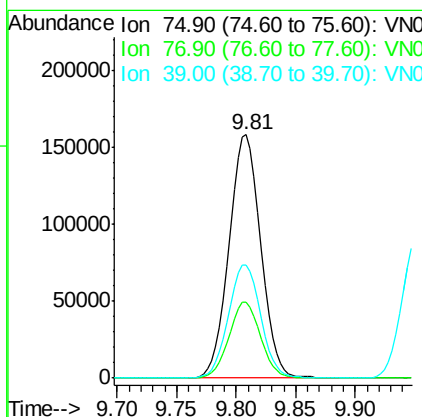
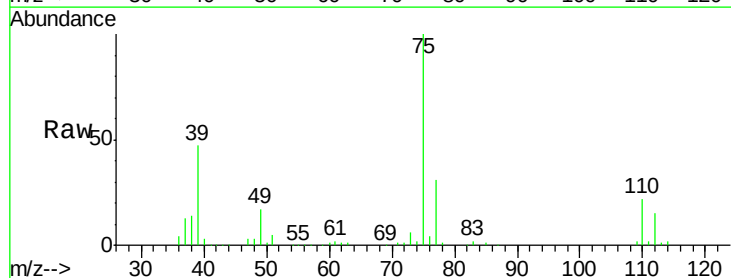
Manual Integrations
APPROVED

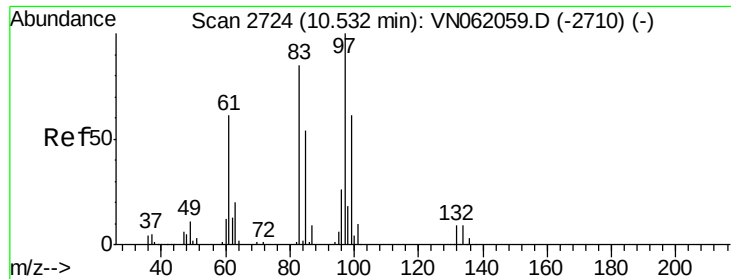
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.695 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion: 75 Resp: 293360
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 46.5 36.9 55.3





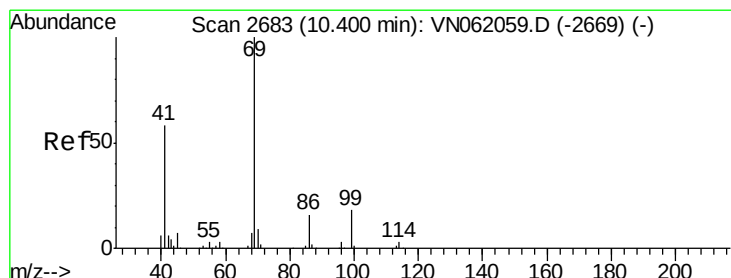
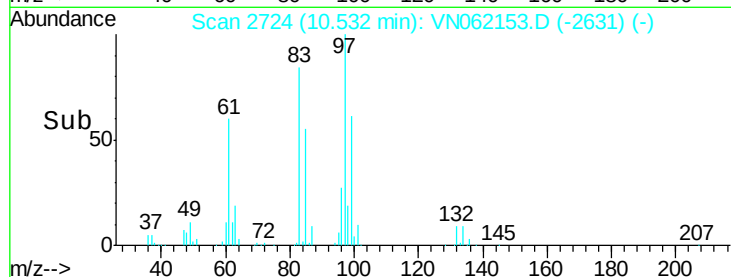
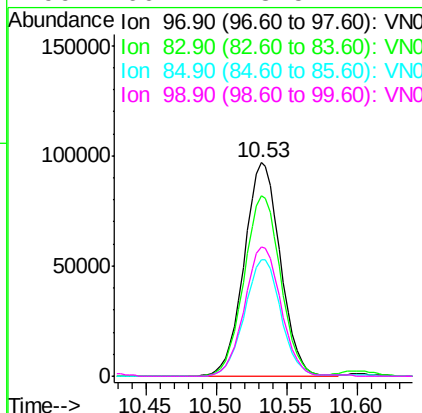
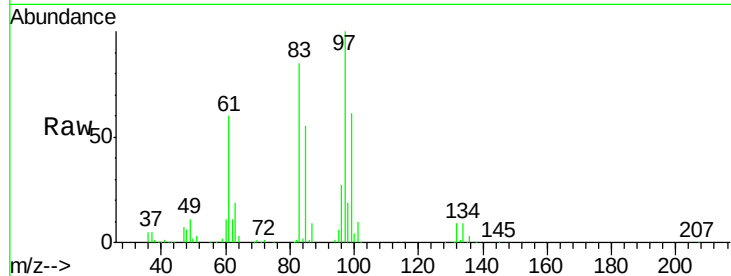
#55
 1,1,2-Trichloroethane
 Concen: 48.675 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.2	102.2
85	54.7	43.2	64.8
99	60.7	48.5	72.7

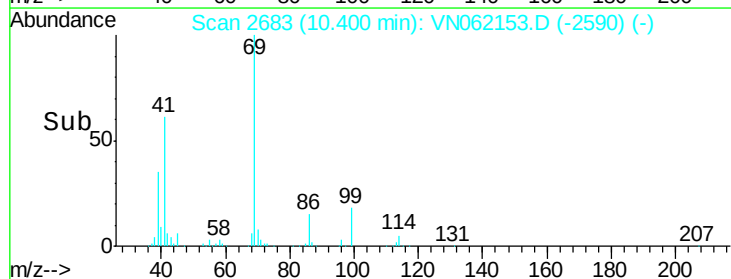
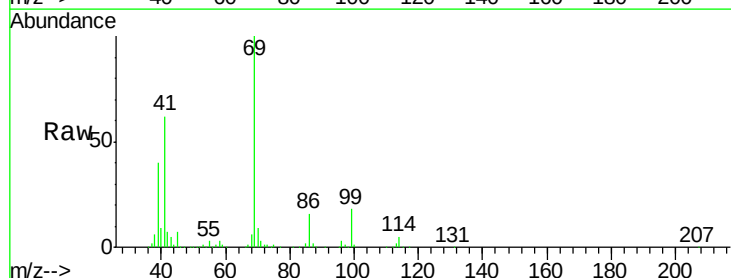
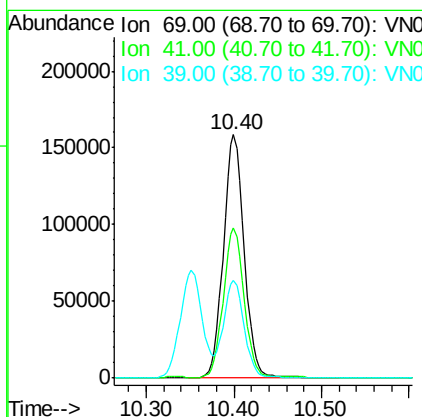
Manual Integrations
 APPROVED

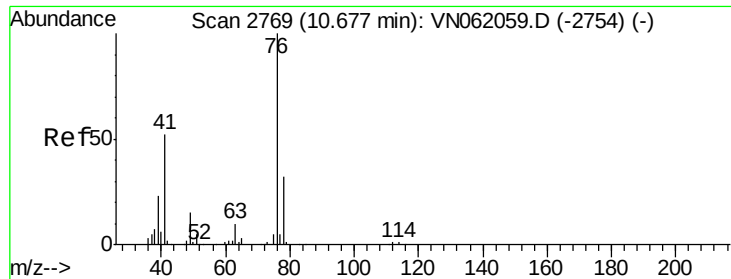
MMDadoda
 6/29/2020 12:35:47 PM



#56
 Ethyl methacrylate
 Concen: 54.905 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.8	46.6	70.0
39	39.5	31.0	46.4





#57

1,3-Dichloropropane

Concen: 48.850 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 300942

Ion Ratio Lower Upper

76 100

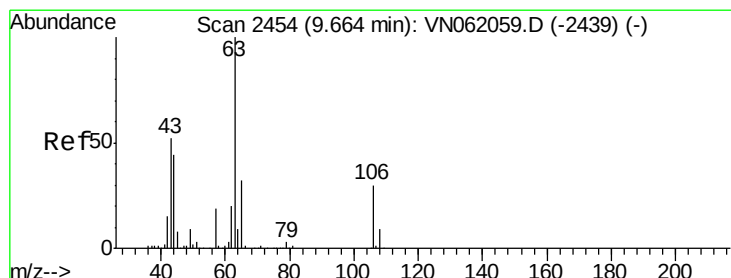
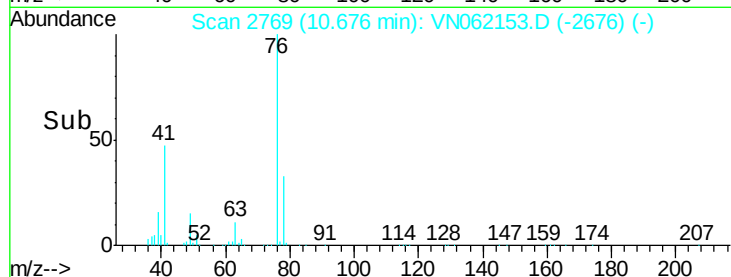
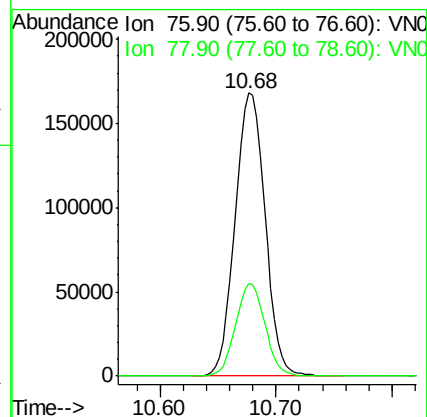
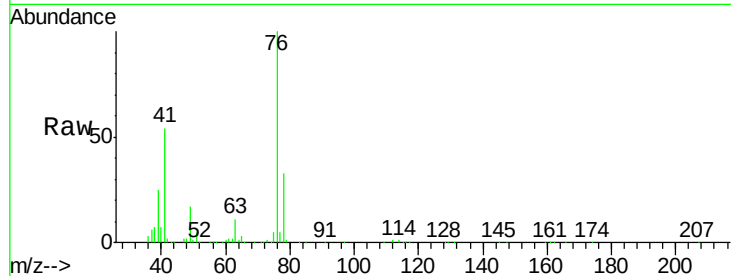
78 32.0 25.8 38.8

Manual Integrations

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6/29/2020 12:35:47 PM



#58

2-Chloroethyl Vinyl ether

Concen: 247.559 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062153.D

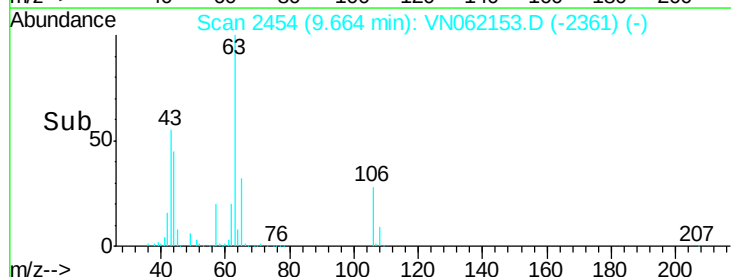
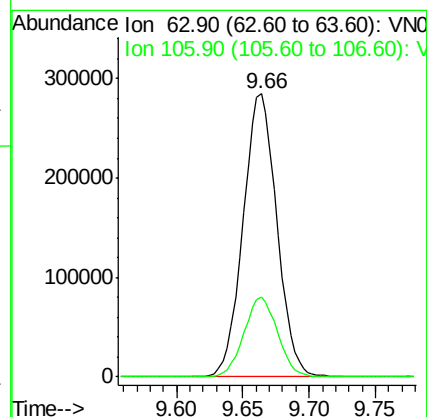
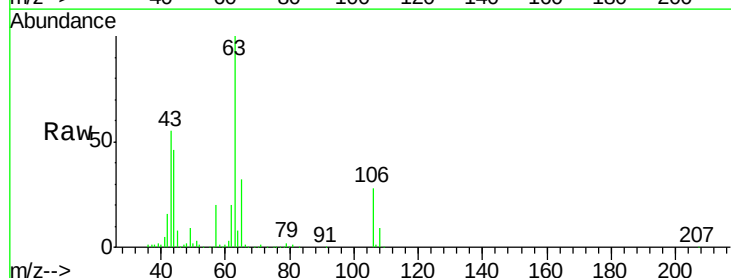
Acq: 26 Jun 2020 20:39

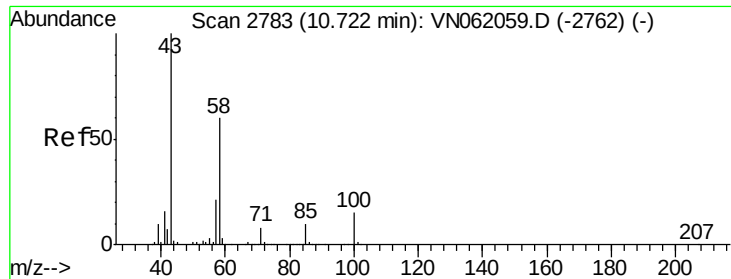
Tgt Ion: 63 Resp: 503096

Ion Ratio Lower Upper

63 100

106 28.2 23.2 34.8





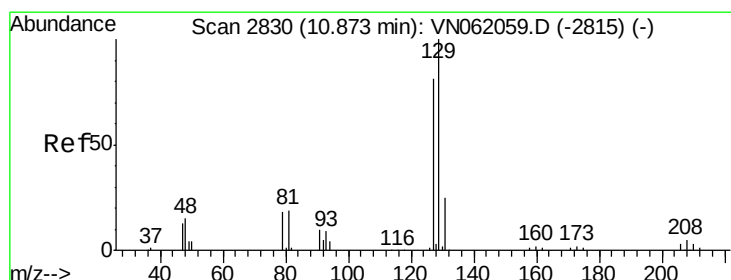
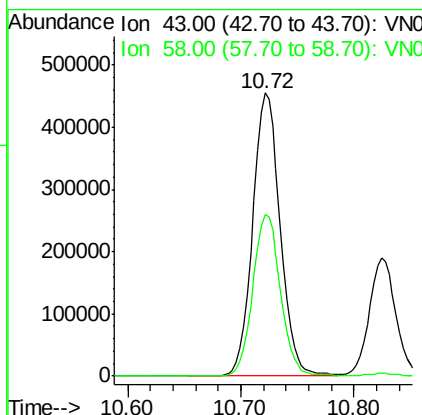
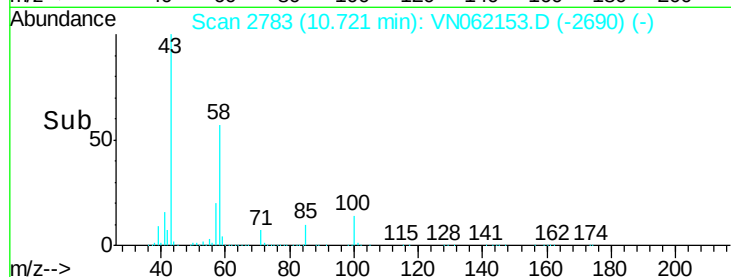
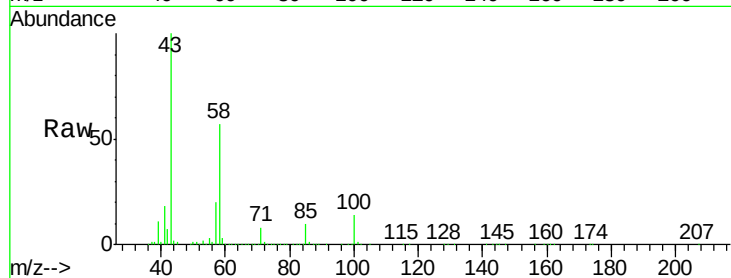
#59
2-Hexanone
Concen: 274.608 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 765666
Ion Ratio Lower Upper
43 100
58 57.7 29.5 88.5

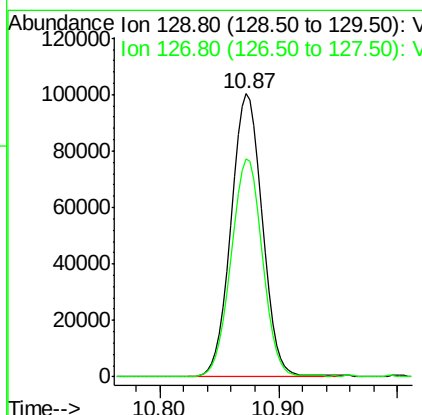
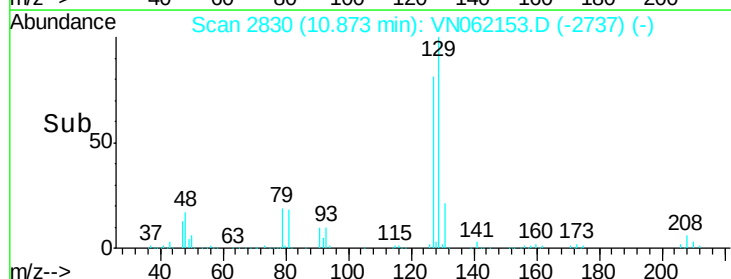
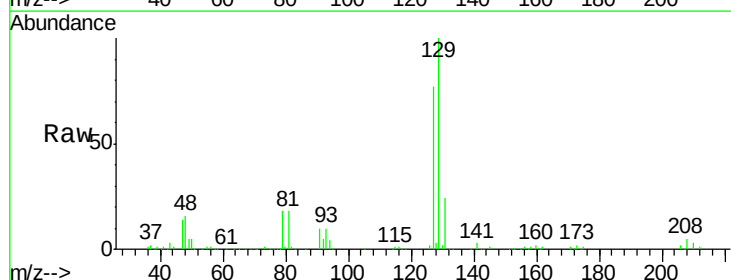
Manual Integrations
APPROVED

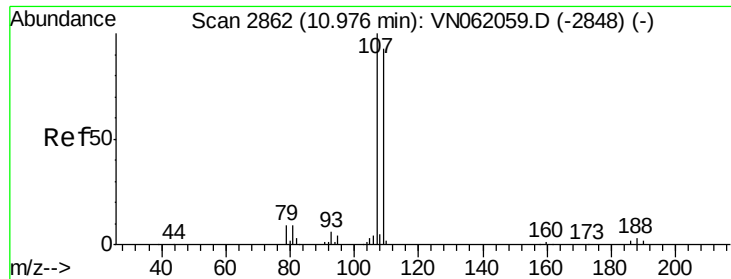
MMDadoda
6/29/2020 12:35:47 PM



#60
Dibromochloromethane
Concen: 47.805 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion: 129 Resp: 181145
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.5





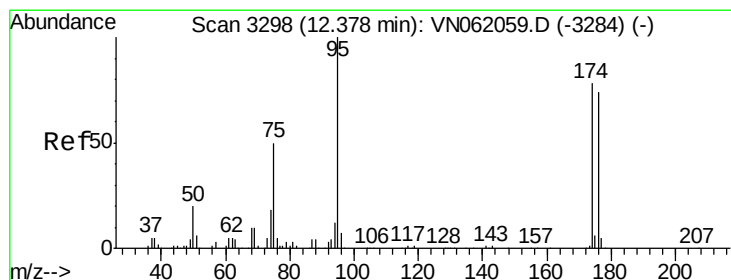
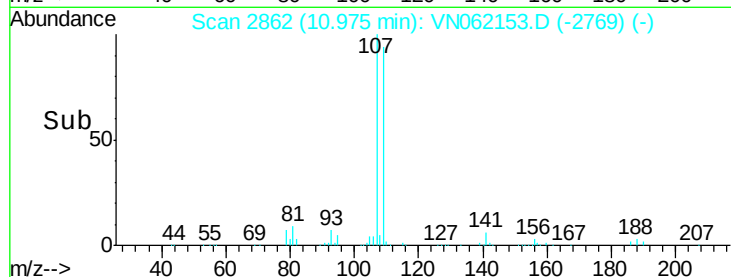
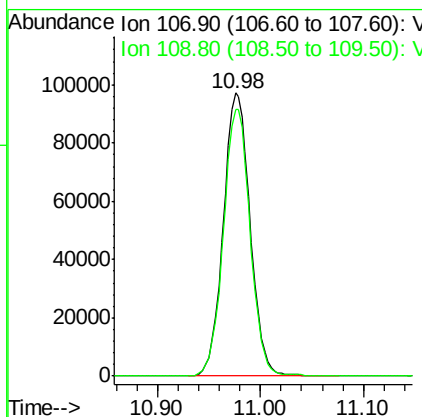
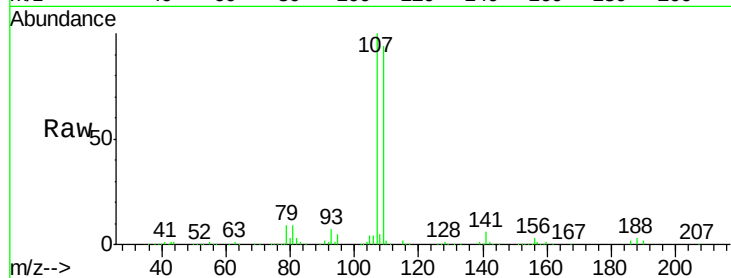
#61
 1,2-Dibromoethane
 Concen: 47.741 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.0	112.6

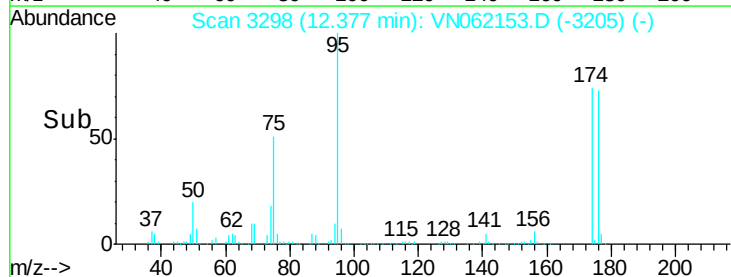
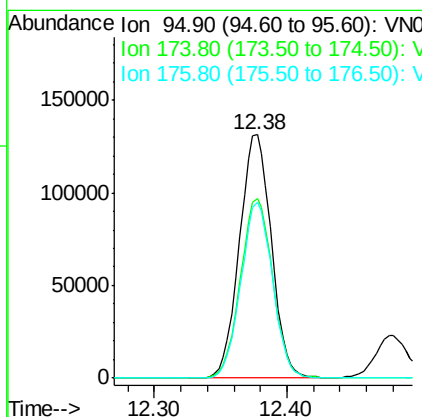
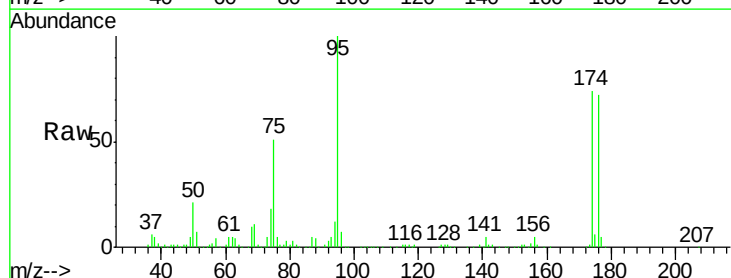
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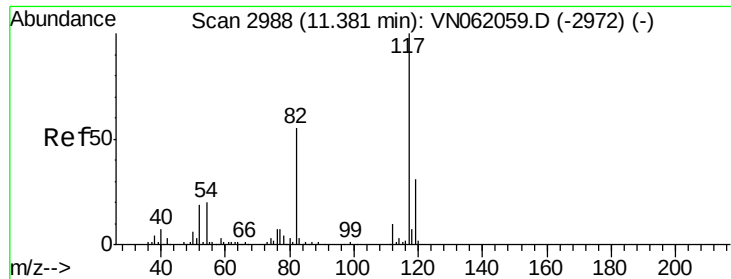
MMDadoda
 6/29/2020 12:35:47 PM



#62
 4-Bromofluorobenzene
 Concen: 52.259 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	154.8
176	71.5	0.0	147.4





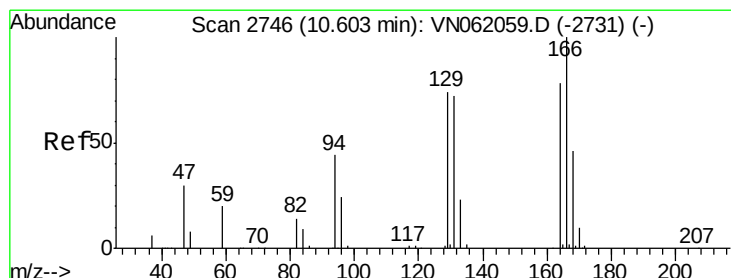
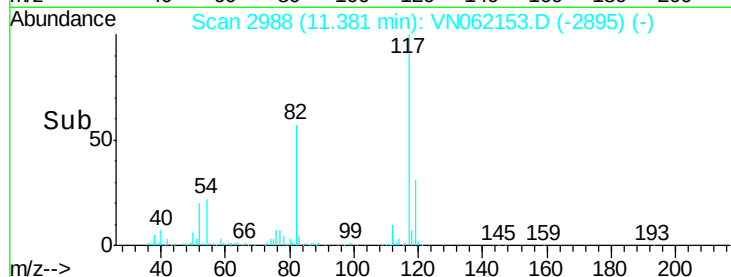
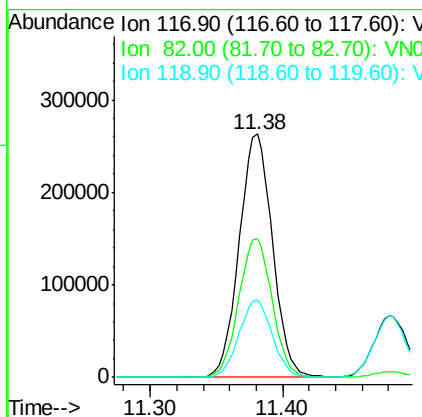
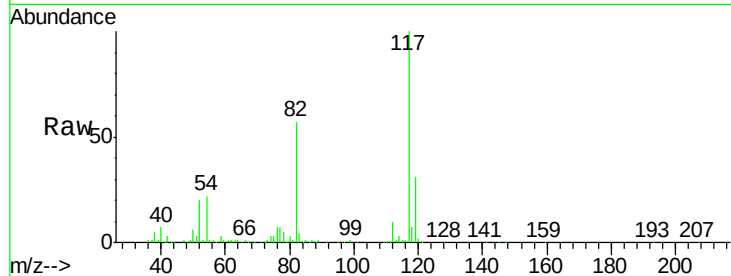
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.8	65.8
119	31.5	25.2	37.8

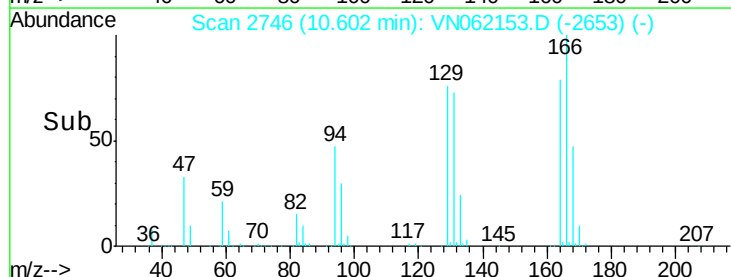
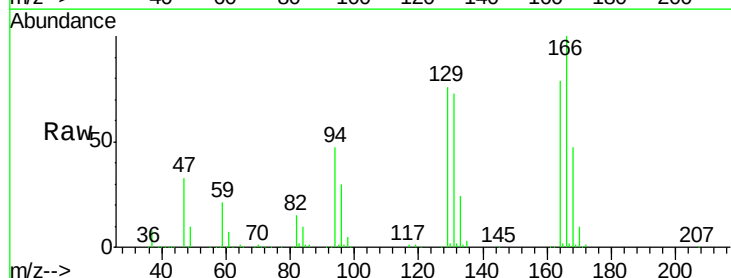
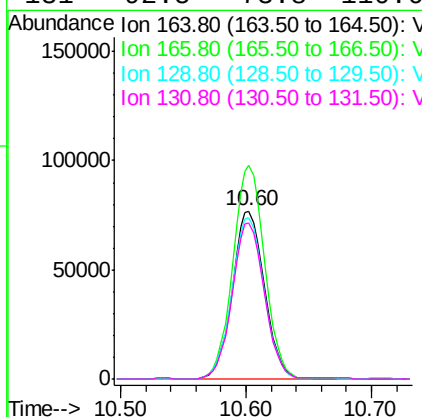
Manual Integrations
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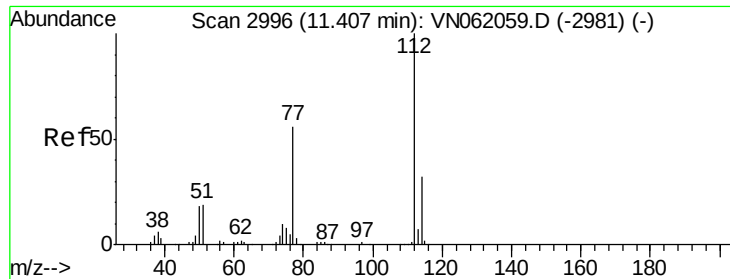
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#64
Tetrachloroethene
Concen: 43.533 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.9	154.3
129	96.3	75.8	113.8
131	92.5	73.8	110.6





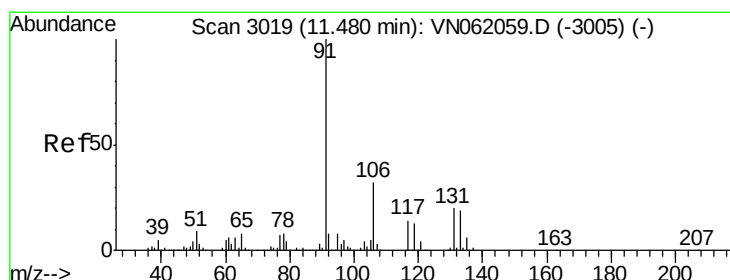
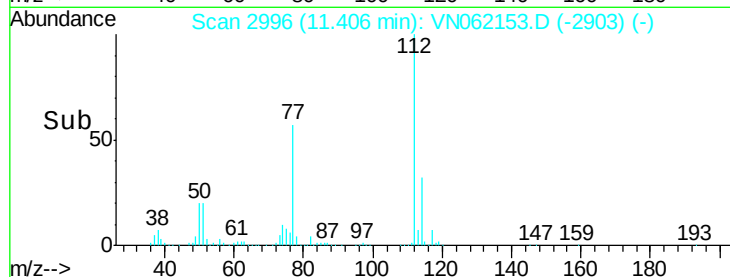
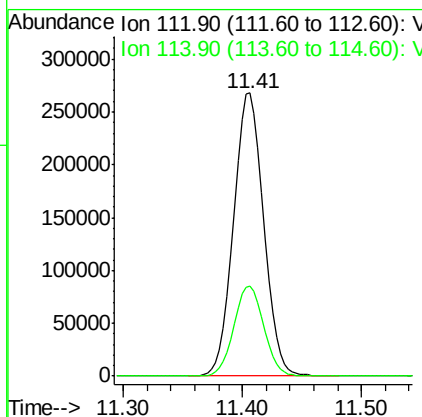
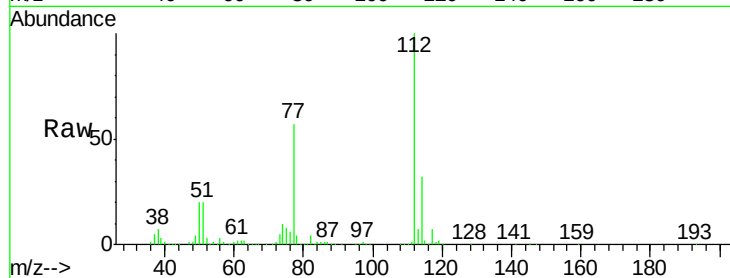
#65
Chlorobenzene
Concen: 46.659 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.8	38.8

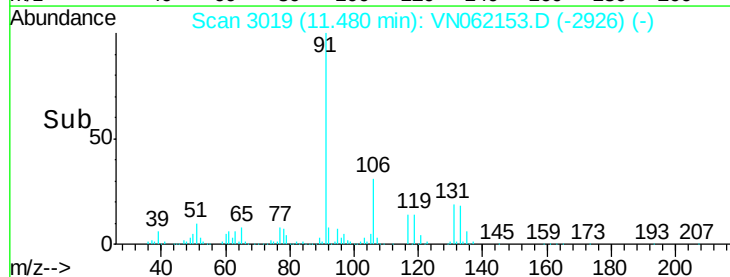
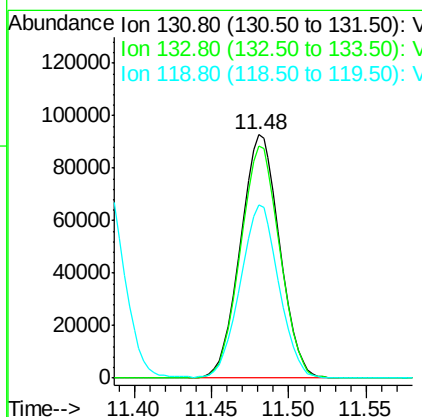
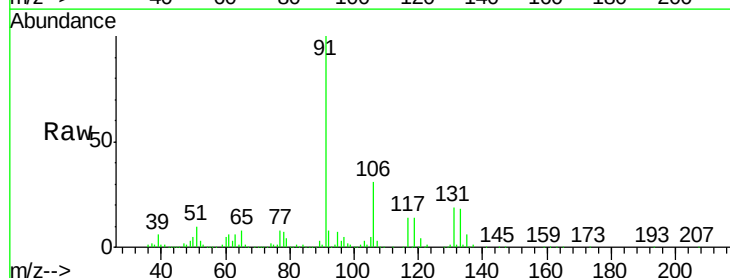
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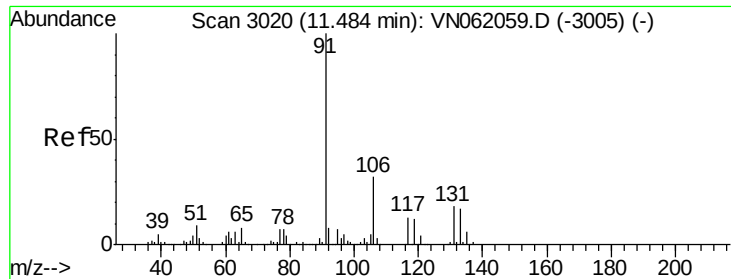
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.164 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.6	142.9
119	69.4	34.4	103.3





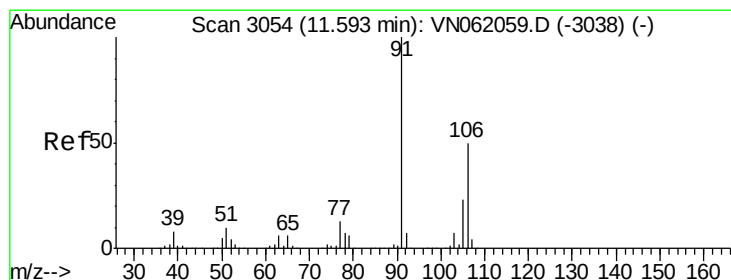
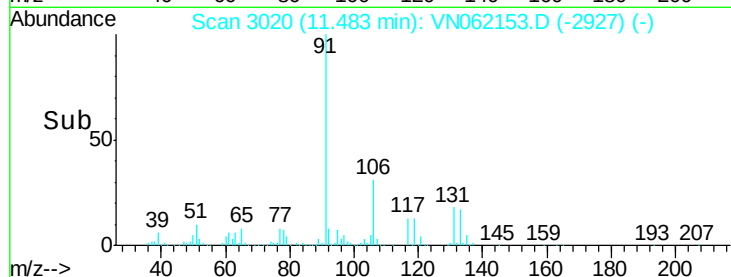
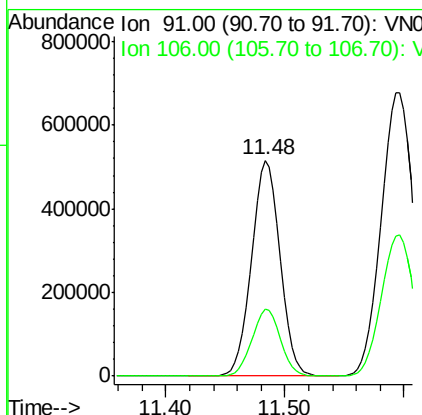
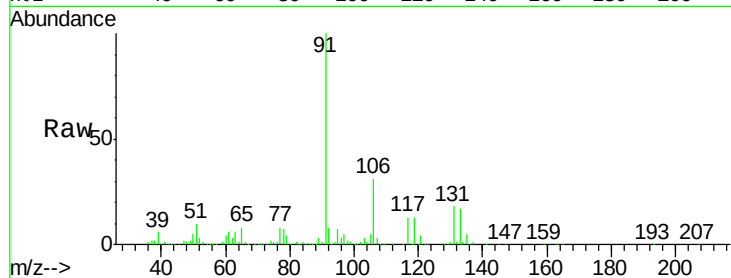
#67
Ethyl Benzene
Concen: 50.400 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 856741
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9

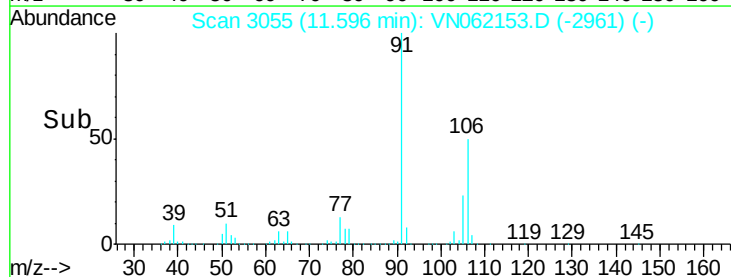
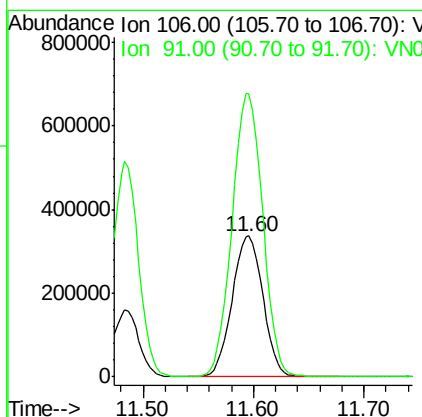
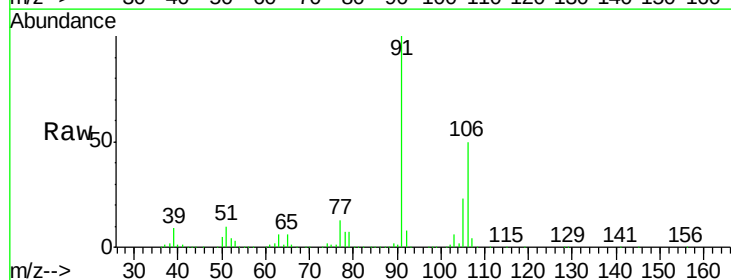
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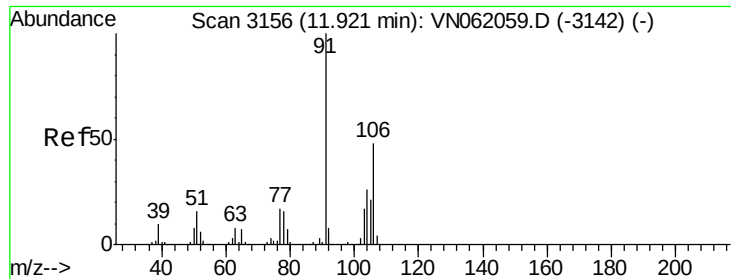
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#68
m/p-Xylenes
Concen: 99.296 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion: 106 Resp: 652851
Ion Ratio Lower Upper
106 100
91 199.9 157.8 236.8





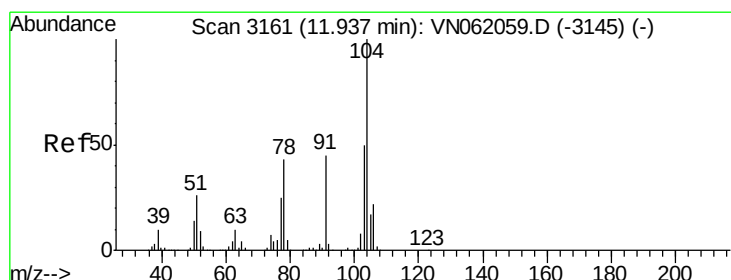
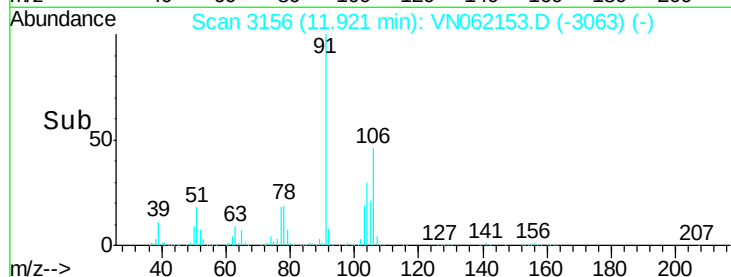
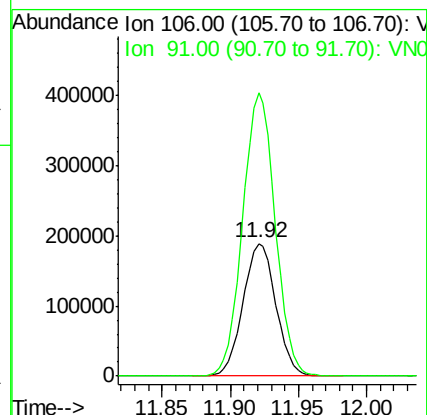
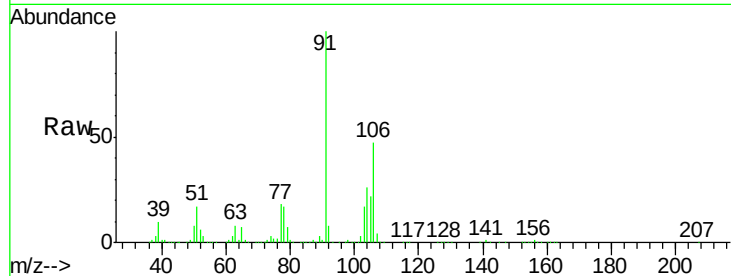
#69
o-Xylene
Concen: 50.933 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 315957
Ion Ratio Lower Upper
106 100
91 211.0 104.0 311.9

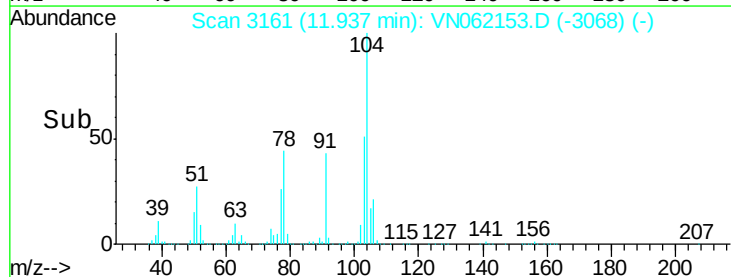
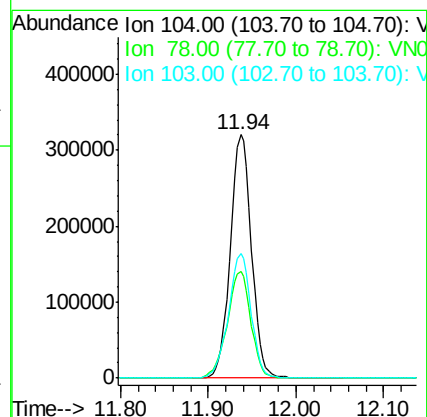
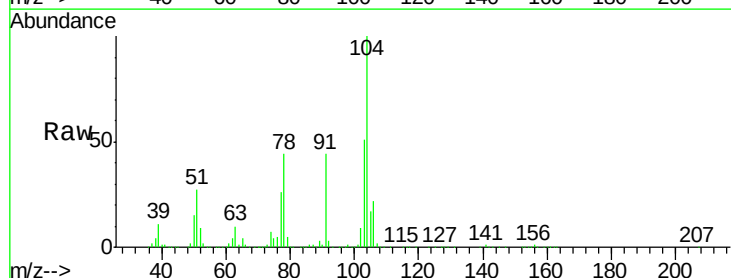
Manual Integrations
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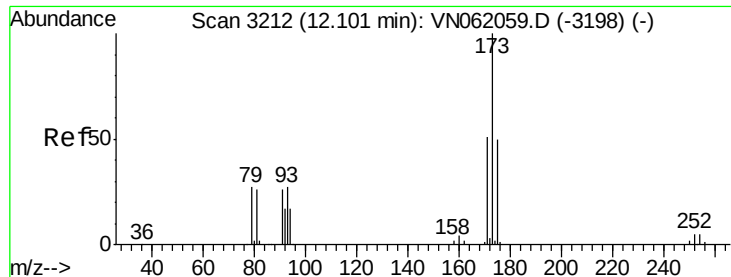
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#70
Styrene
Concen: 52.111 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion:104 Resp: 539129
Ion Ratio Lower Upper
104 100
78 48.5 37.7 56.5
103 54.7 43.0 64.6





#71

Bromoform

Concen: 48.380 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 119720

Ion Ratio Lower Upper

173 100

175 48.8 24.7 74.1

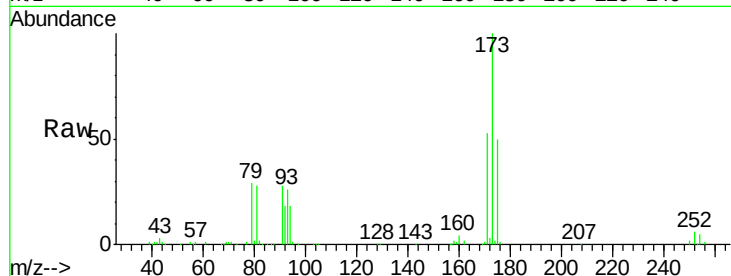
254 0.0 0.0 0.0

Manual Integrations

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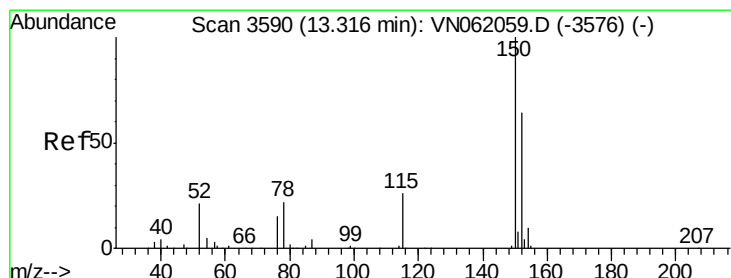
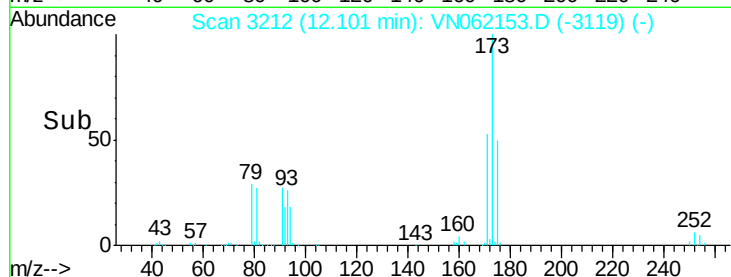
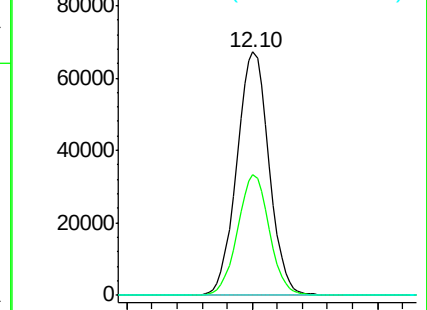
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN062153.D

Acq: 26 Jun 2020 20:39

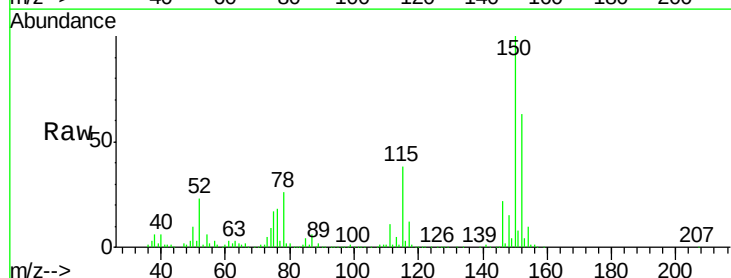
Tgt Ion:152 Resp: 222036

Ion Ratio Lower Upper

152 100

115 59.9 29.5 88.5

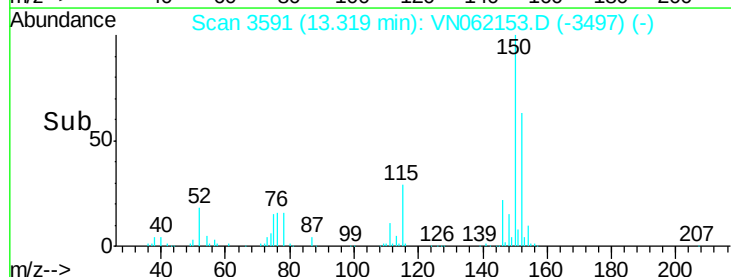
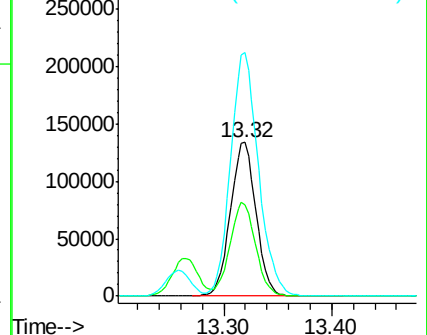
150 172.0 0.0 351.4

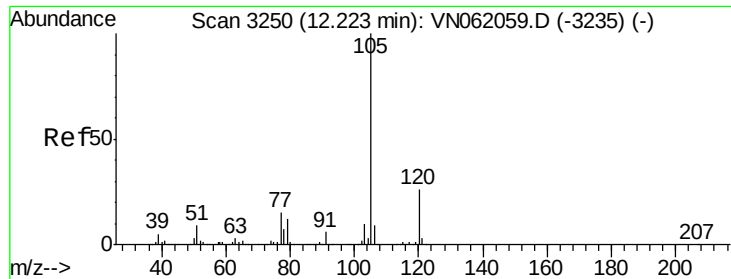


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





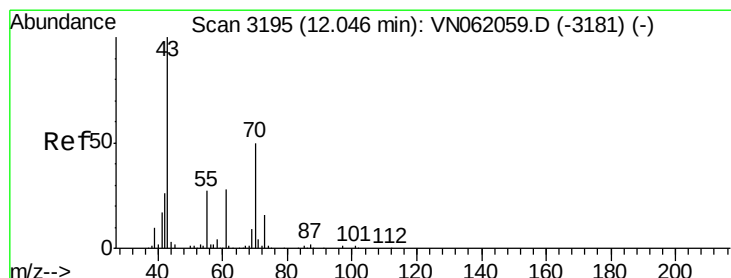
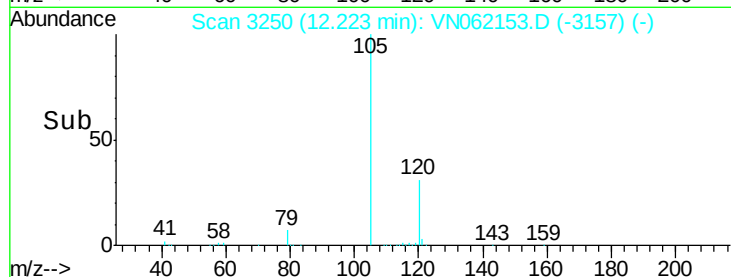
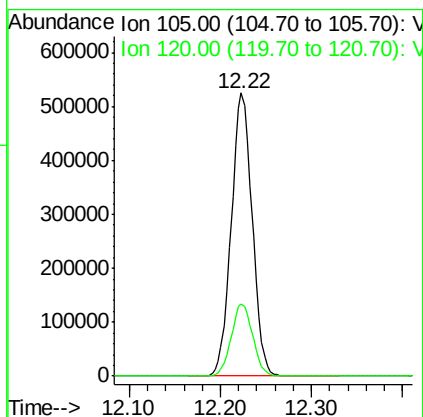
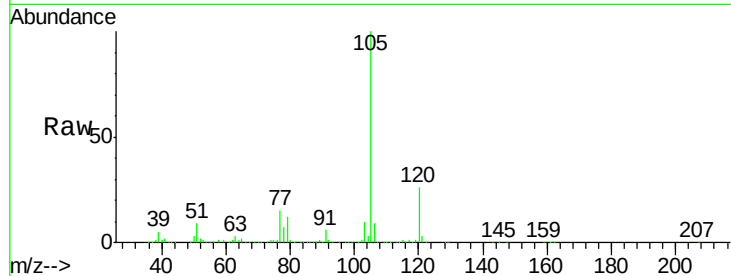
#73
Isopropylbenzene
Concen: 48.755 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

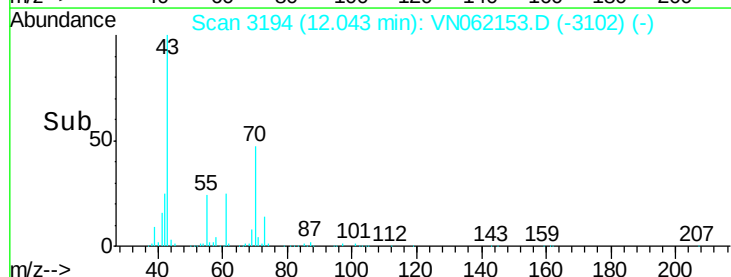
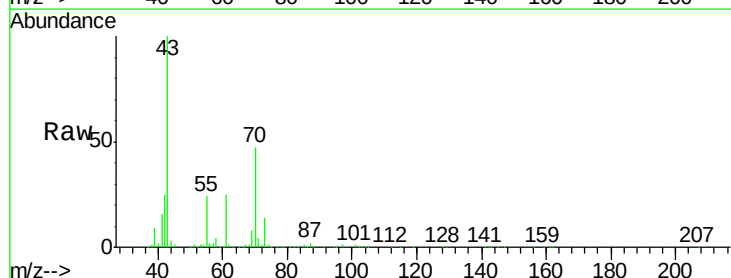
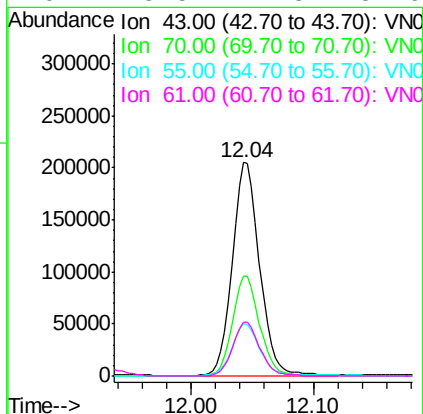
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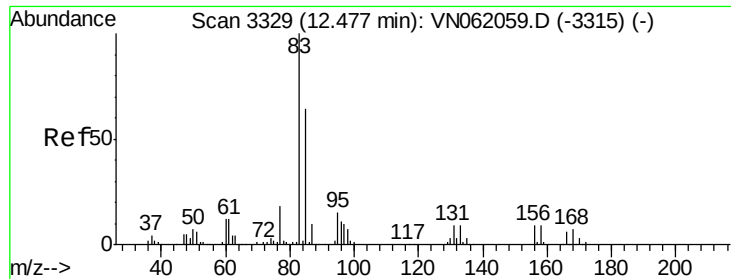
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#74
N-ethyl acetate
Concen: 50.393 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.4	39.4	59.2
55	24.5	21.7	32.5
61	25.5	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 45.459 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

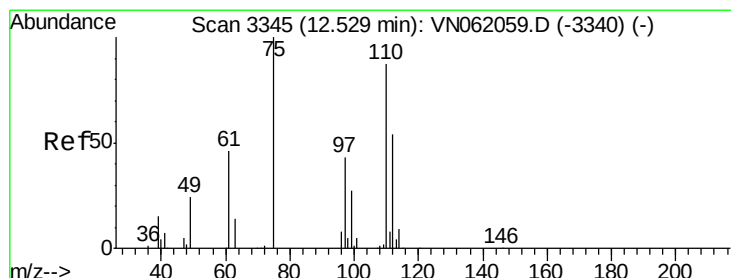
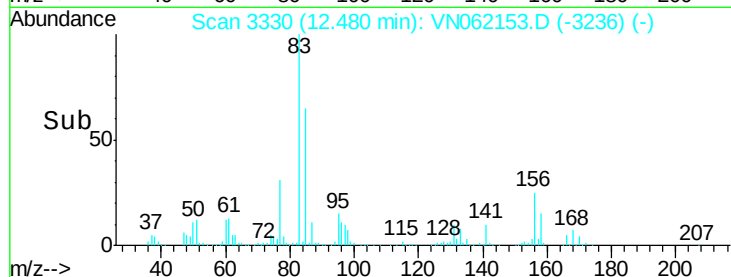
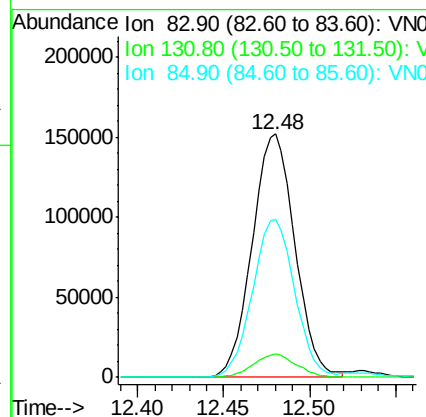
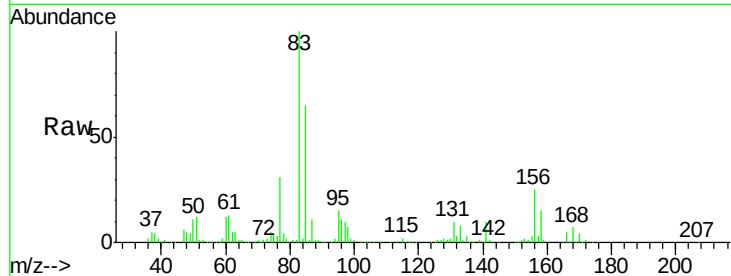
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	260005
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.8	14.4
85	64.0	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 42.199 ug/l m

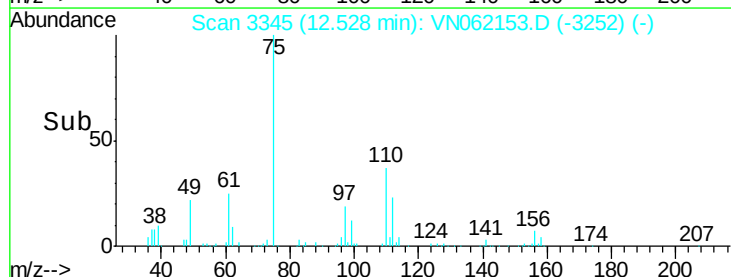
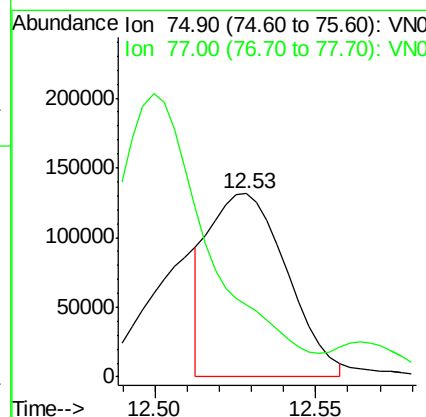
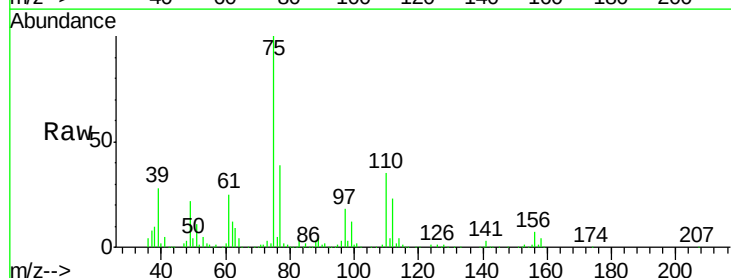
RT: 12.53 min Scan# 3345

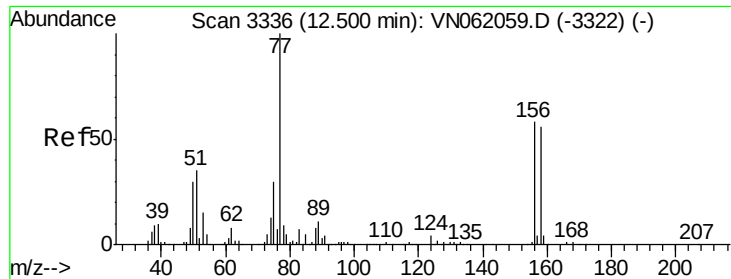
Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion	75	Resp	220569
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 74.465 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

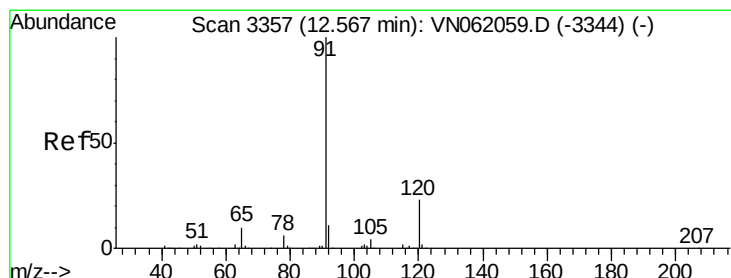
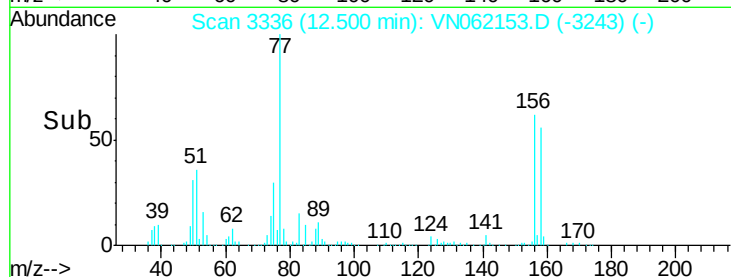
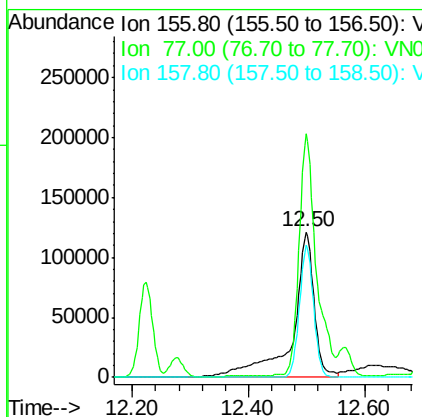
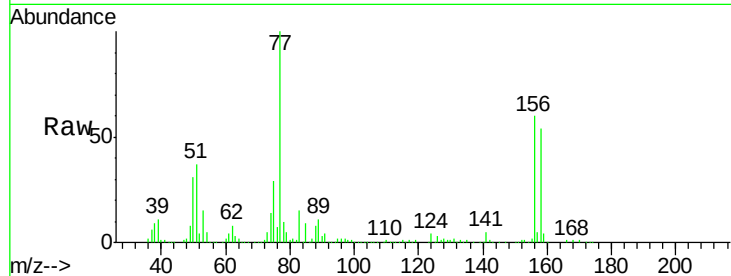
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	131.5	104.6	313.8	
158	58.9	48.0	144.0	

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#78

n-propylbenzene

Concen: 49.428 ug/l

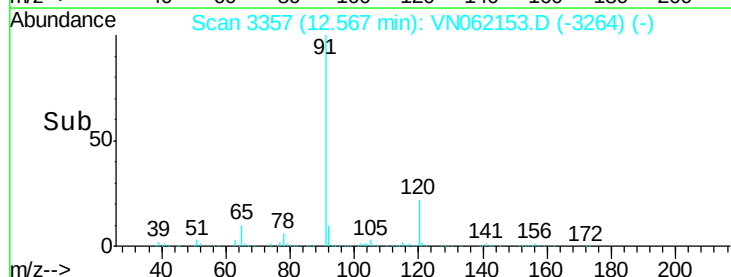
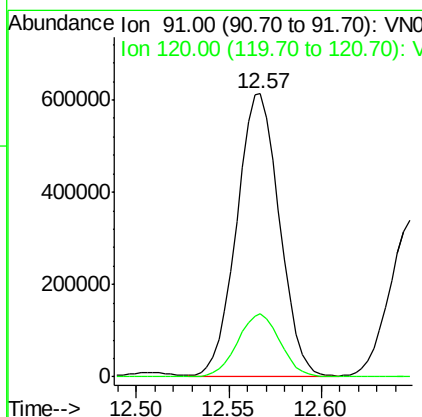
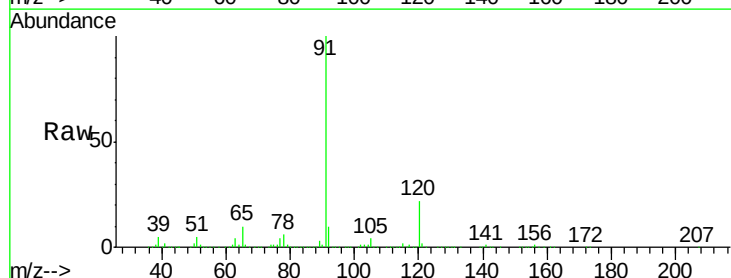
RT: 12.57 min Scan# 3357

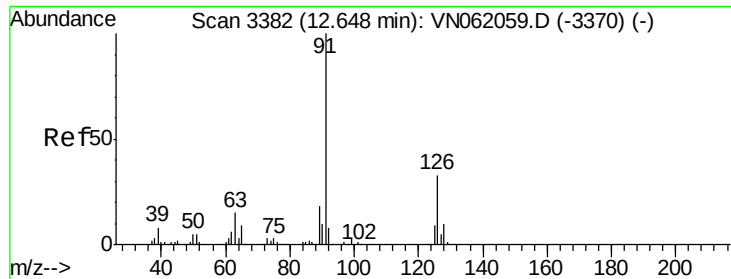
Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.4	11.4	34.1	





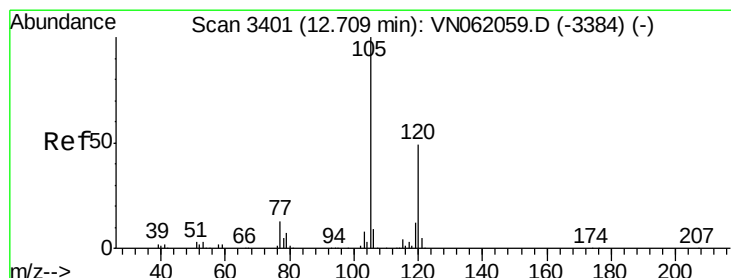
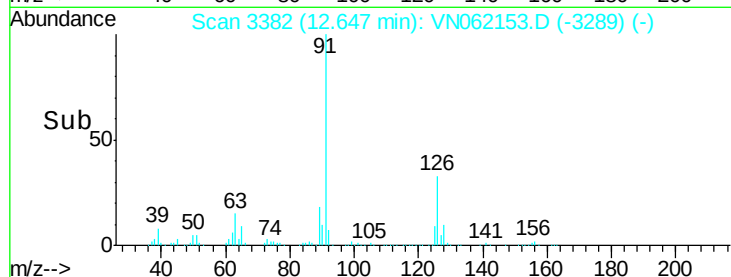
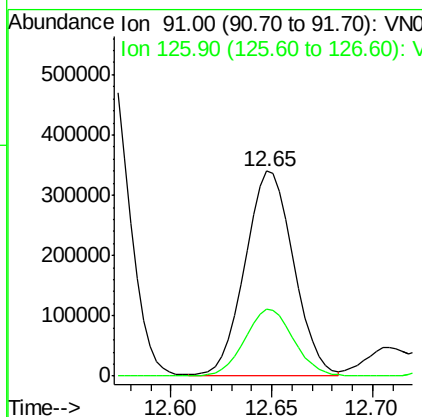
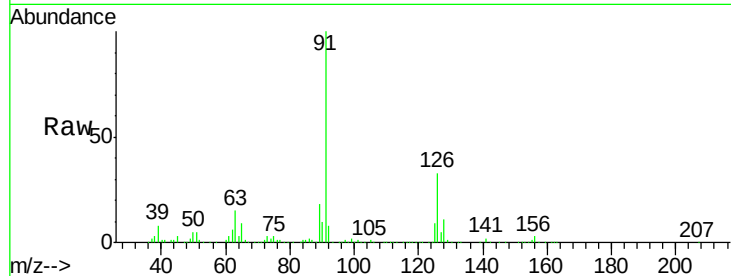
#79
 2-Chlorotoluene
 Concen: 47.837 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 568553
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.9 50.7

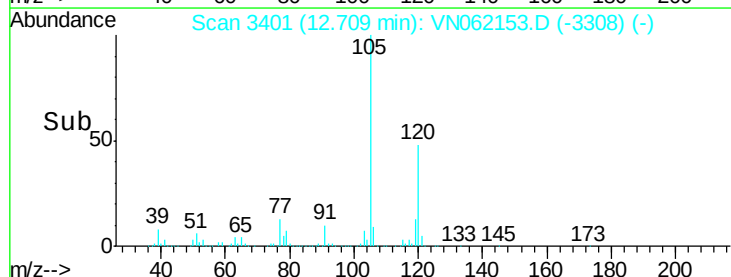
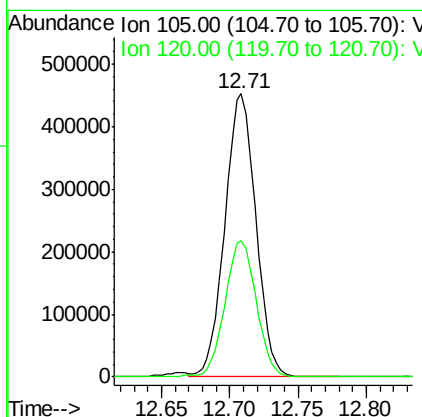
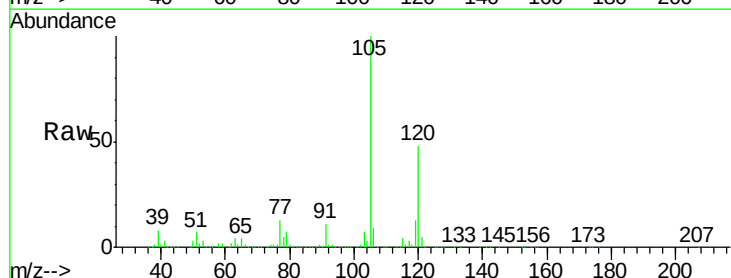
Manual Integrations
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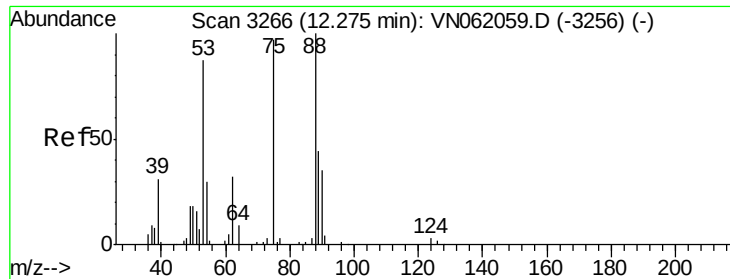
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.252 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion: 105 Resp: 714093
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 74.0





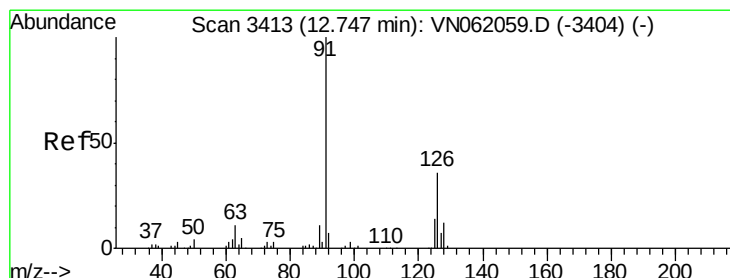
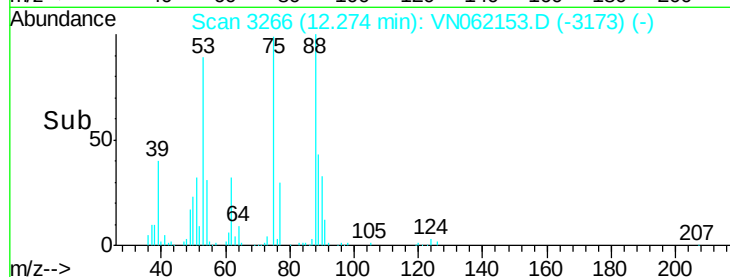
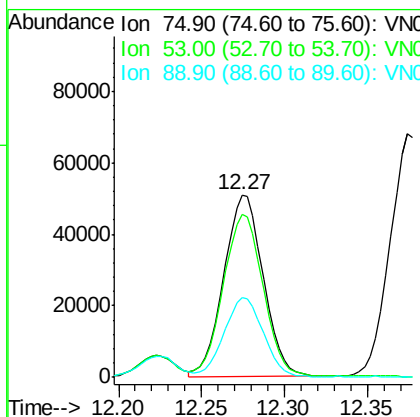
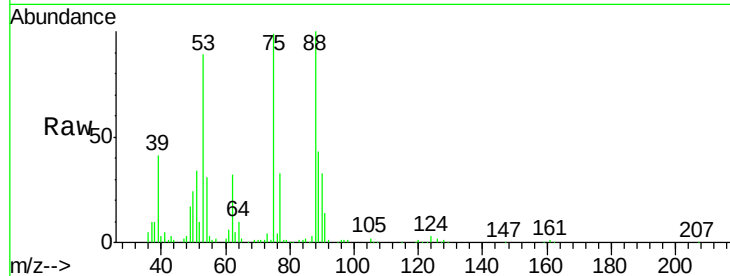
#81
trans-1,4-Dichloro-2-butene
Concen: 46.973 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.4	72.0	108.0
89	43.3	36.9	55.3

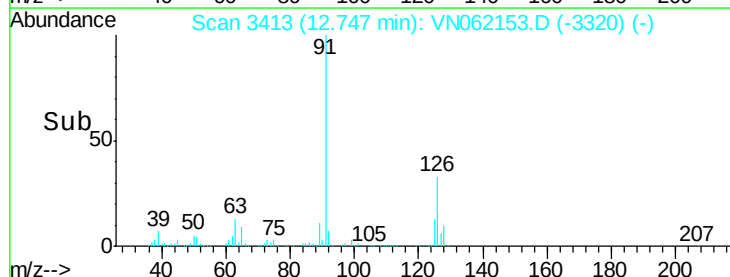
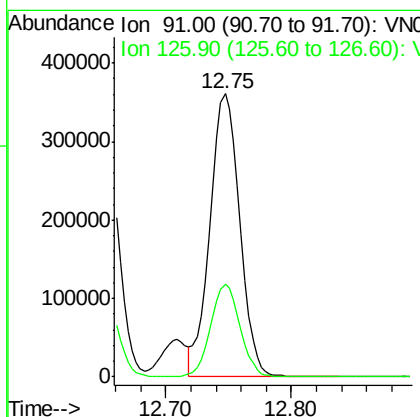
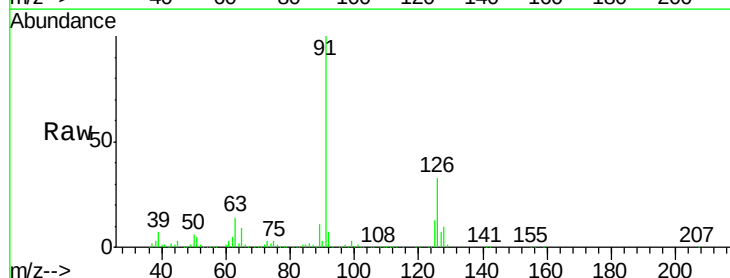
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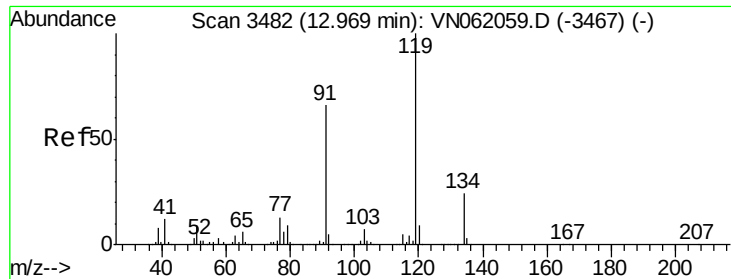
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#82
4-Chlorotoluene
Concen: 48.364 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.7	50.1





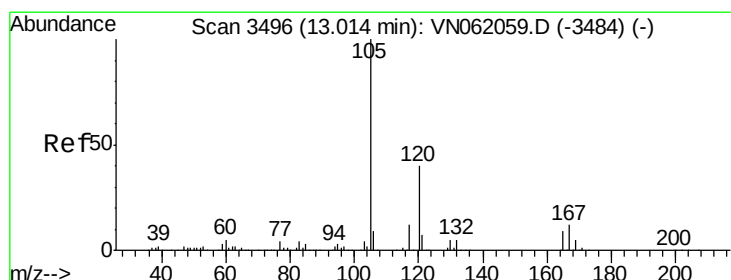
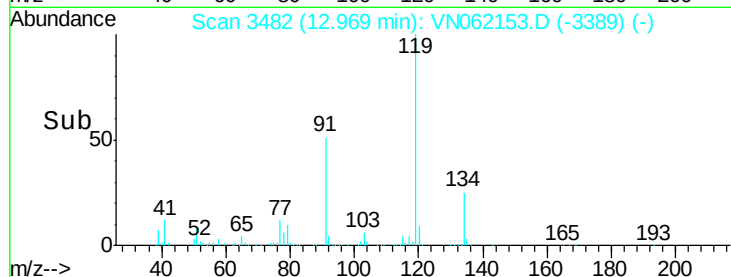
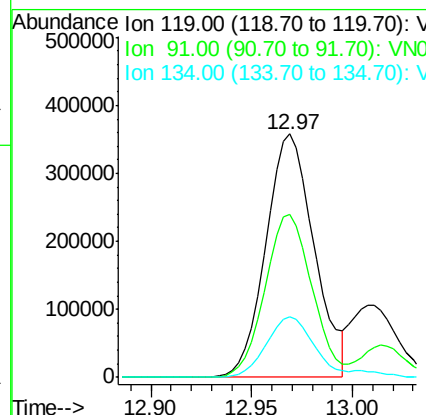
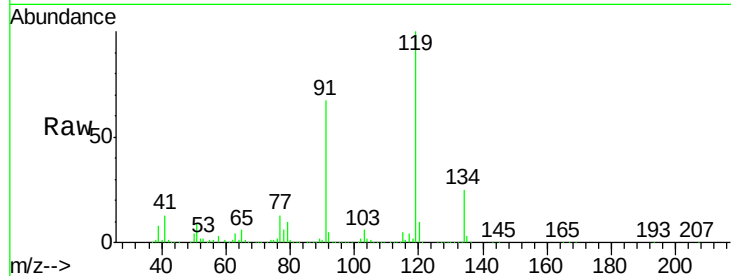
#83
tert-Butylbenzene
Concen: 49.956 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	595673		
91	65.4		31.7	95.1
134	26.1		13.1	39.1

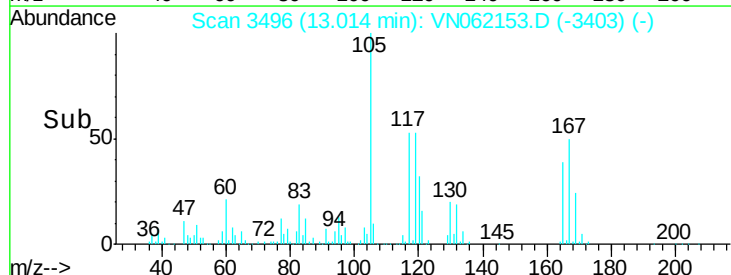
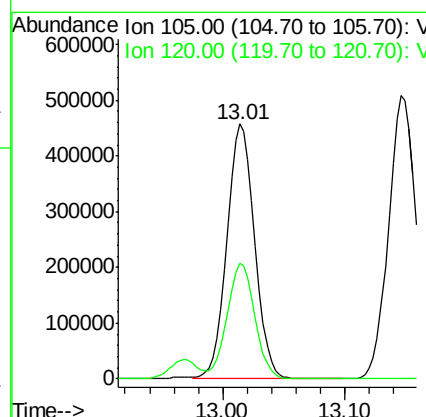
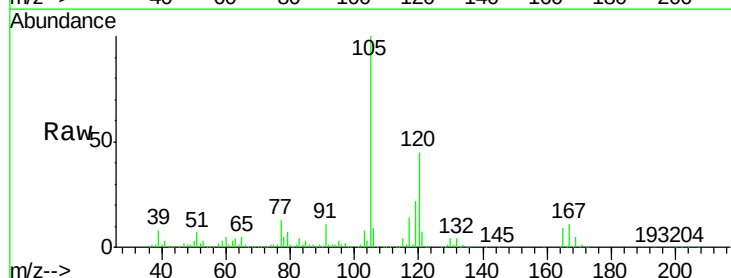
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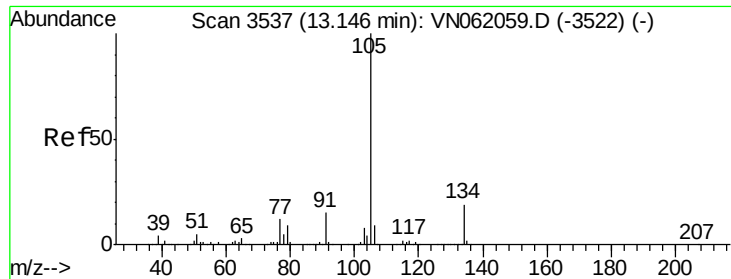
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#84
1,2,4-Trimethylbenzene
Concen: 52.193 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062153.D
Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	726289		
120	45.5		23.2	69.5





#85

sec-Butylbenzene

Concen: 50.798 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 800378

Ion Ratio Lower Upper

105 100

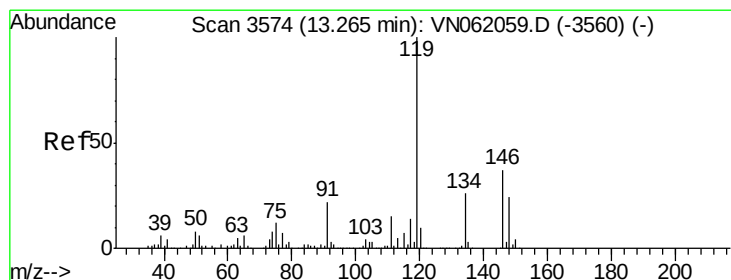
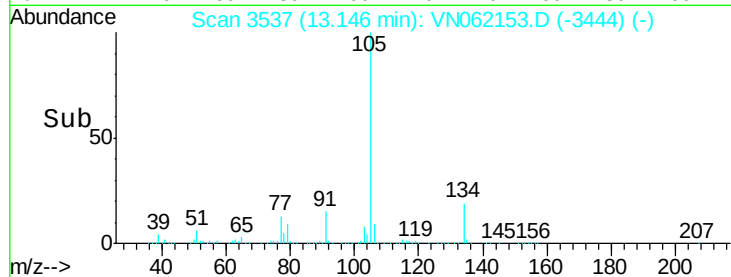
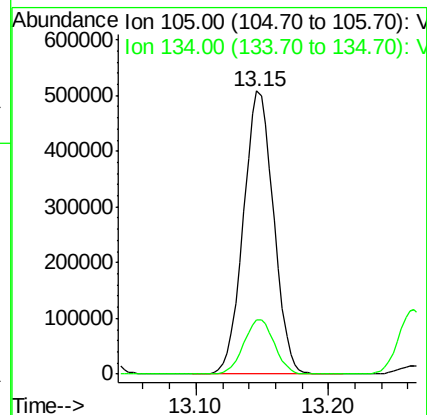
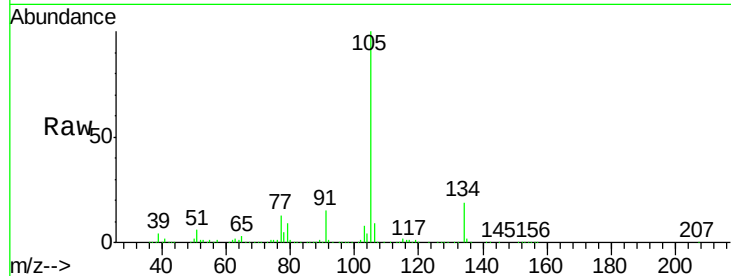
134 19.5 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.551 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

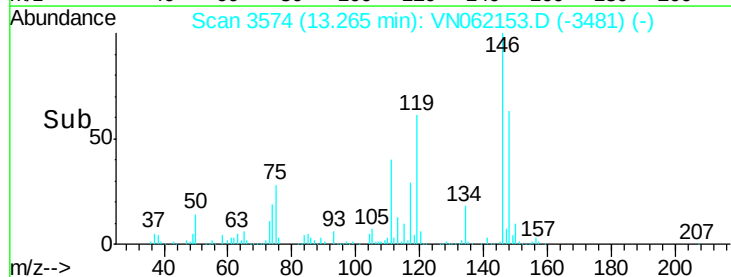
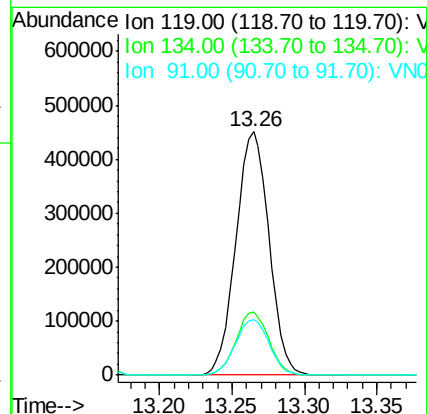
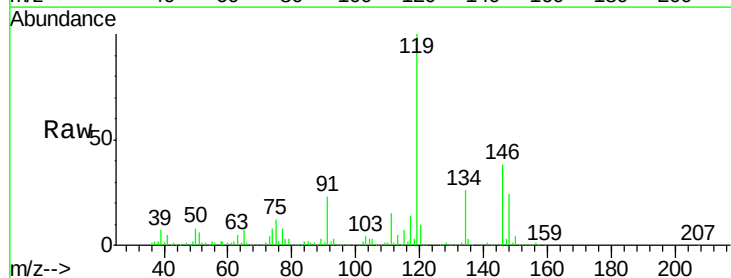
Tgt Ion:119 Resp: 711610

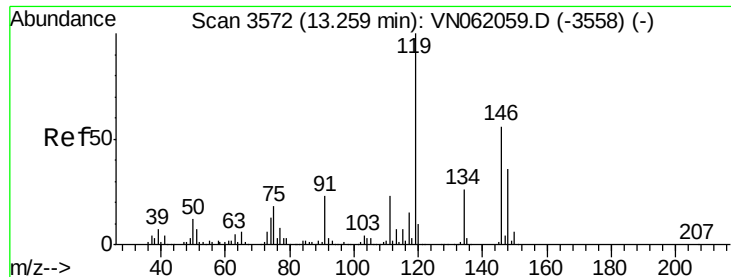
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 23.2 11.3 33.8





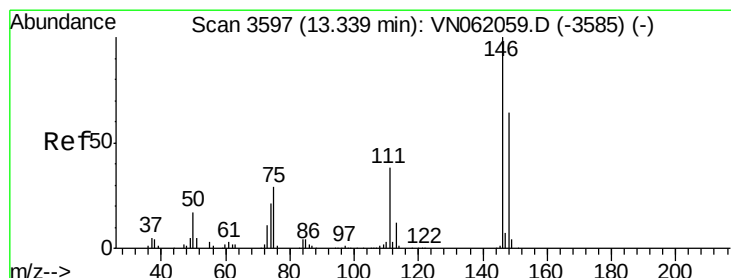
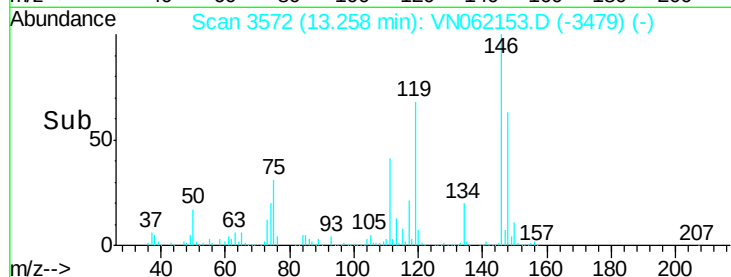
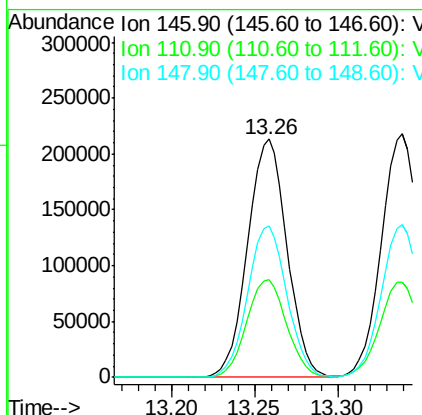
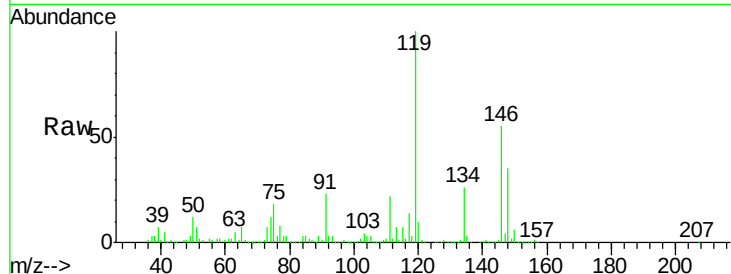
#87
 1,3-Dichlorobenzene
 Concen: 46.957 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.3	20.3	61.0	
148	63.4	31.8	95.3	

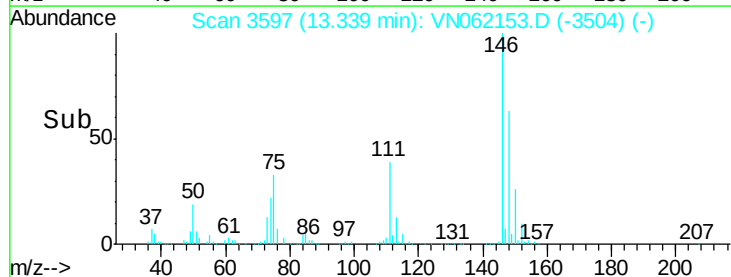
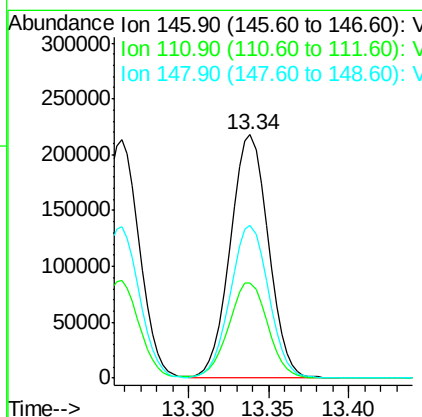
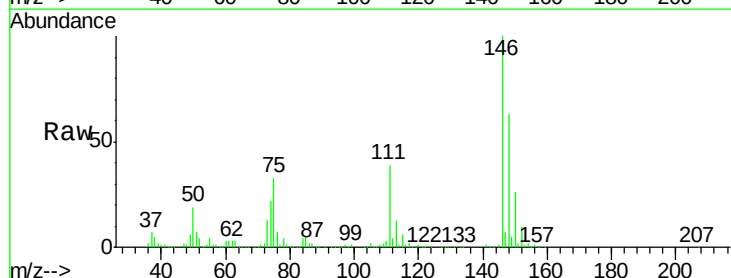
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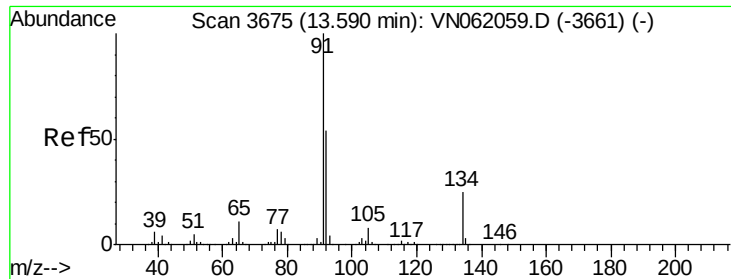
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#88
 1,4-Dichlorobenzene
 Concen: 45.557 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.3	19.9	59.6	
148	63.5	31.9	95.9	





#89

n-Butylbenzene

Concen: 53.439 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

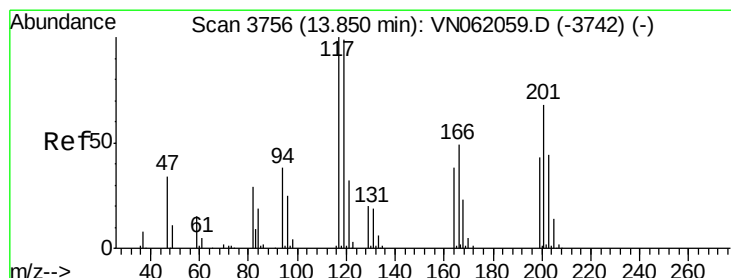
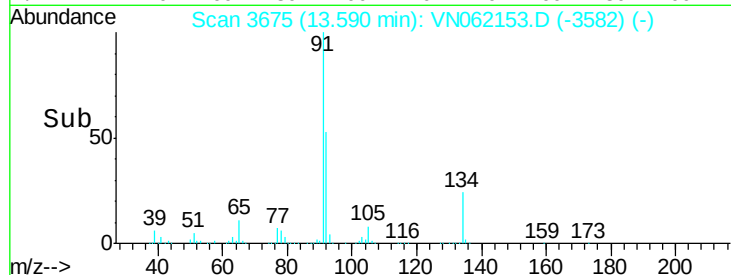
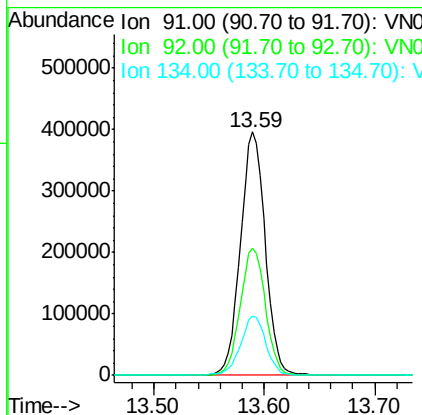
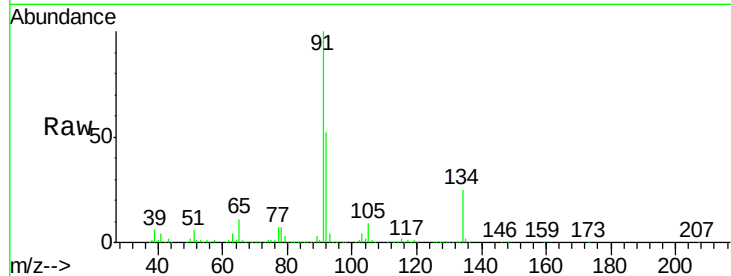
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	613292
Ion Ratio	Lower	Upper	
91	100		
92	53.2	26.6	79.7
134	24.8	12.3	36.9

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#90

Hexachloroethane

Concen: 47.448 ug/l

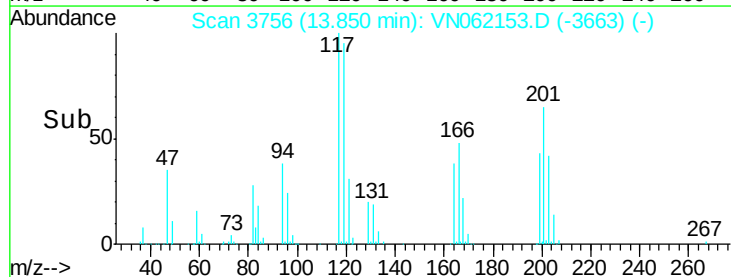
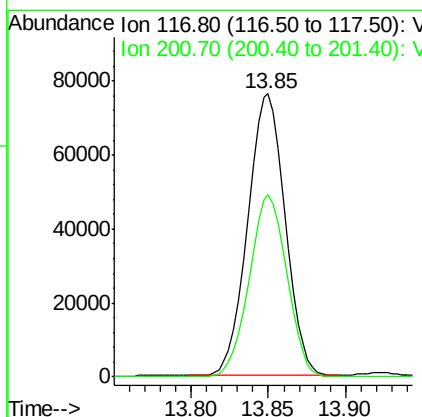
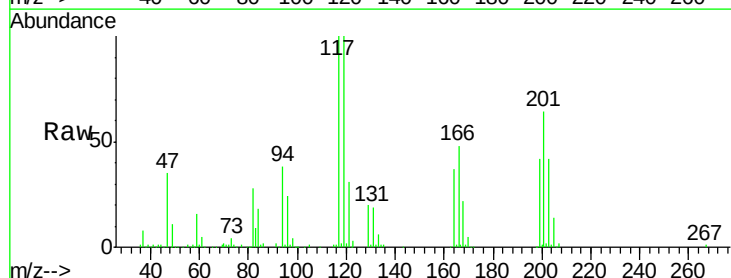
RT: 13.85 min Scan# 3756

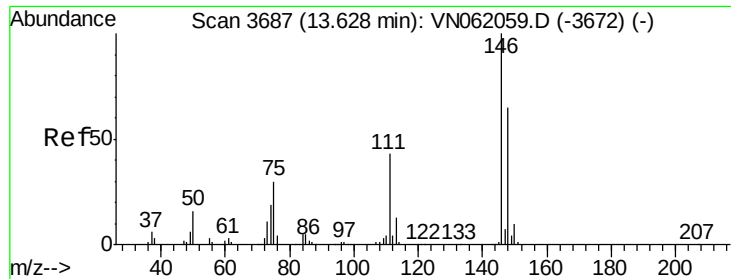
Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion:	117	Resp:	128506
Ion Ratio	Lower	Upper	
117	100		
201	64.8	32.7	98.1





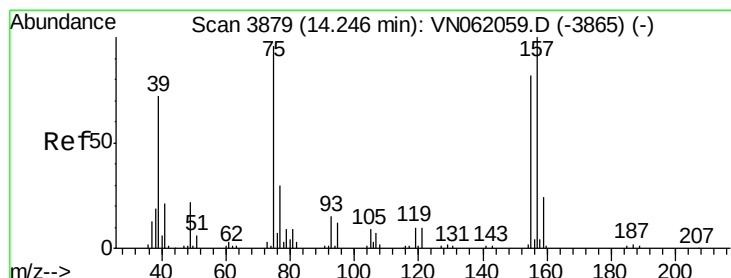
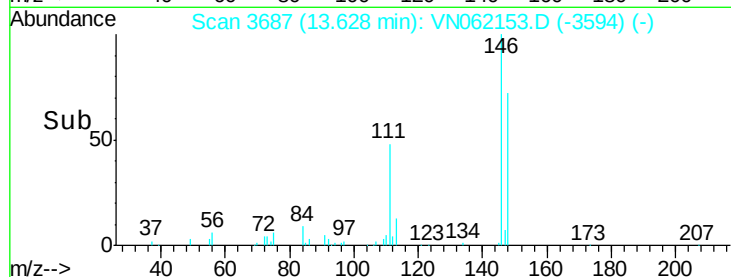
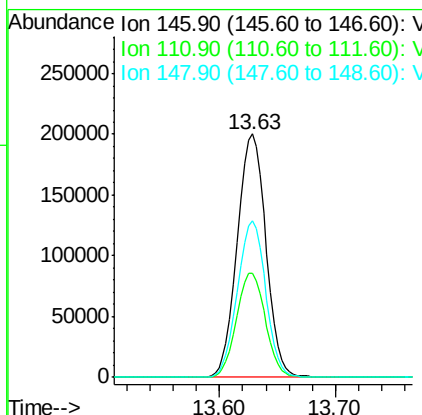
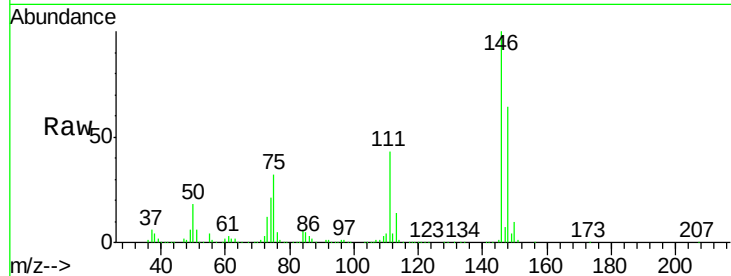
#91
 1,2-Dichlorobenzene
 Concen: 47.262 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.2	63.6
148	63.5	31.9	95.5

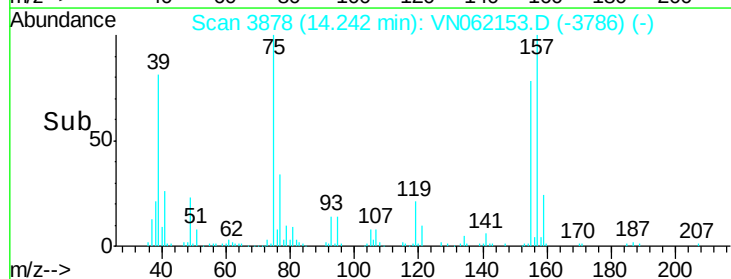
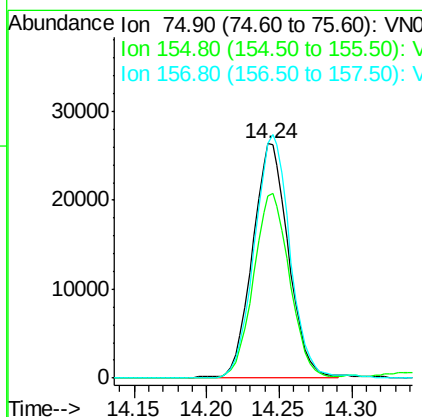
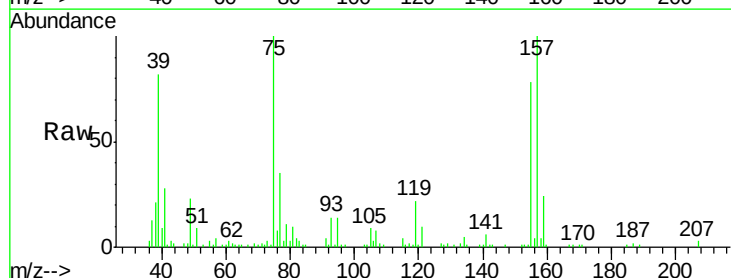
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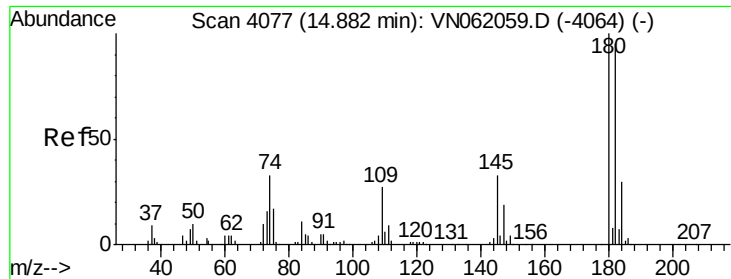
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.688 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	40.8	122.4
157	102.0	51.4	154.3





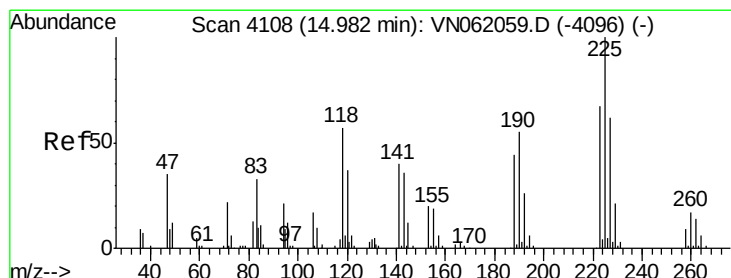
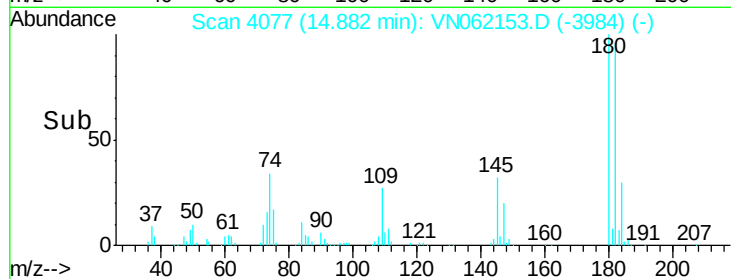
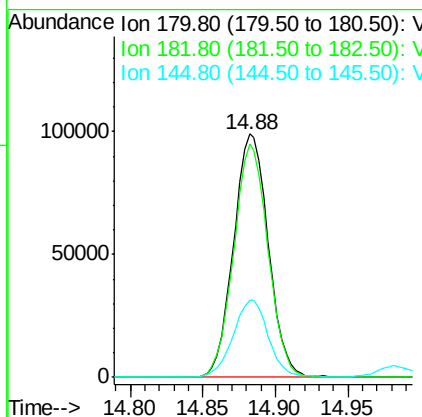
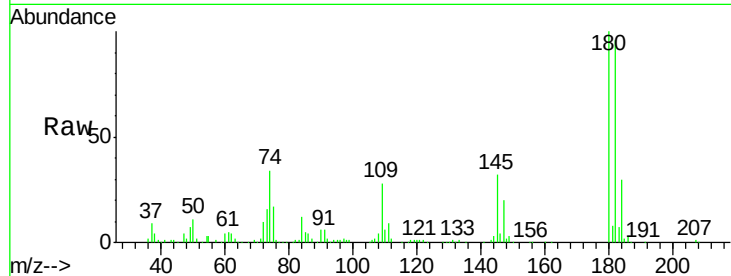
#93
 1,2,4-Trichlorobenzene
 Concen: 52.000 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165055		
182	94.4	48.0	144.2	
145	32.5	16.0	48.0	

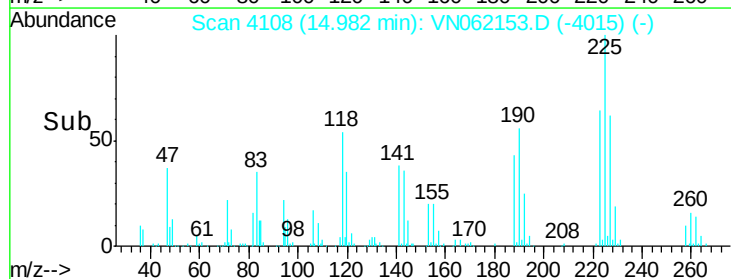
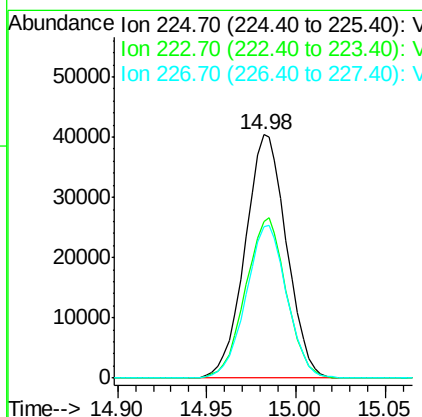
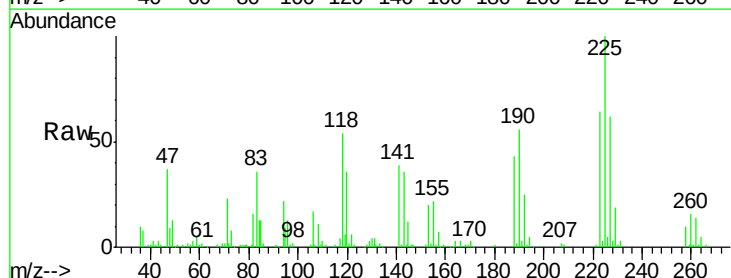
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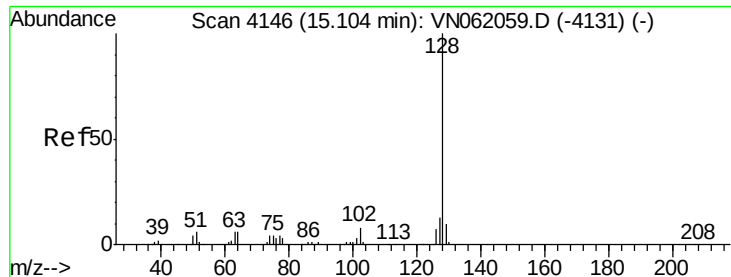
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#94
 Hexachlorobutadiene
 Concen: 47.639 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062153.D
 Acq: 26 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65676		
223	64.6	32.9	98.7	
227	61.8	31.3	93.8	





#95

Naphthalene

Concen: 52.556 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Instrument :

MSVOA_N

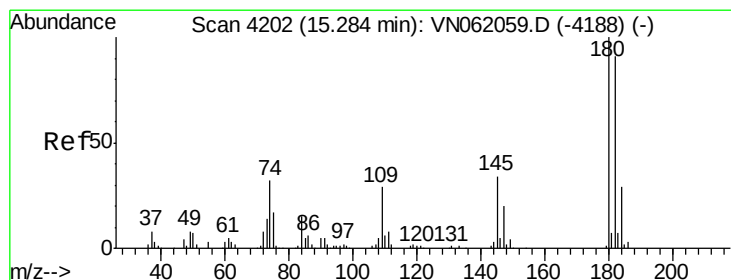
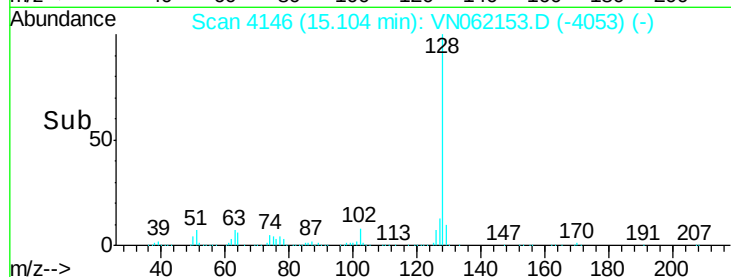
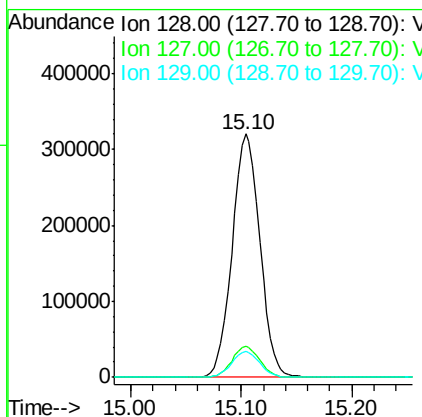
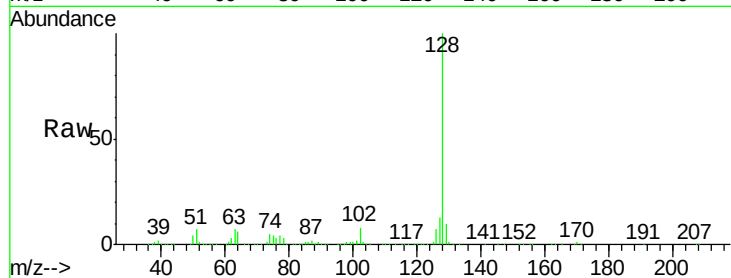
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	558565
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:35:47 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.140 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062153.D

Acq: 26 Jun 2020 20:39

Tgt Ion:	180	Resp:	162735
Ion Ratio		Lower	Upper
180	100		
182	95.7	46.8	140.4
145	35.4	16.4	49.2

