

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100820\
 Data File : VN063981.D
 Acq On : 8 Oct 2020 10:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/9/2020 4:32:02 PM

Quant Time: Oct 09 18:52:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	294098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	219162	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	7.54	113	159063	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.06	98	590128	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.38	95	221809	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	132354	42.650	ug/l	100
3) Chloromethane	2.04	50	155646	42.746	ug/l	100
4) Vinyl Chloride	2.16	62	156961	42.944	ug/l	99
5) Bromomethane	2.52	94	92280	40.139	ug/l	96
6) Chloroethane	2.67	64	106051	48.557	ug/l	98
7) Trichlorofluoromethane	2.98	101	258381	44.573	ug/l	98
8) Diethyl Ether	3.37	74	94463	48.184	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	142212	45.900	ug/l	98
10) Methyl Iodide	3.91	142	138542	38.511	ug/l	99
11) Tert butyl alcohol	4.73	59	160446	299.107	ug/l	100
12) 1,1-Dichloroethene	3.69	96	132473	44.731	ug/l	96
13) Acrolein	3.56	56	105944	321.800	ug/l	99
14) Allyl chloride	4.27	41	283445	51.518	ug/l	90
15) Acrylonitrile	4.92	53	427086	278.149	ug/l	100
16) Acetone	3.77	43	453828	303.429	ug/l	99
17) Carbon Disulfide	4.01	76	350614	43.889	ug/l	98
18) Methyl Acetate	4.27	43	223174	57.470	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	542050	50.379	ug/l	97
20) Methylene Chloride	4.50	84	168097	49.070	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	147617	44.501	ug/l	97
22) Diisopropyl ether	5.90	45	602718	53.244	ug/l	97
23) Vinyl Acetate	5.84	43	2512131	267.906	ug/l	99
24) 1,1-Dichloroethane	5.79	63	312933	48.349	ug/l	99
25) 2-Butanone	6.78	43	647755	305.475	ug/l	98
26) 2,2-Dichloropropane	6.77	77	278830	47.042	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	179375	47.018	ug/l	99
28) Bromochloromethane	7.14	49	163846	51.218	ug/l	95
29) Tetrahydrofuran	7.16	42	411681	289.469	ug/l	96
30) Chloroform	7.32	83	322017	47.716	ug/l	96
31) Cyclohexane	7.61	56	251793	44.639	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	287968	47.308	ug/l	99
36) 1,1-Dichloropropene	7.75	75	227641	48.098	ug/l	99
37) Ethyl Acetate	6.88	43	265108	56.380	ug/l	99
38) Carbon Tetrachloride	7.73	117	247682	46.669	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223478	47.349	ug/l	99
40) Benzene	8.00	78	671254	49.655	ug/l	100
41) Methacrylonitrile	7.14	41	141217m	67.573	ug/l	
42) 1,2-Dichloroethane	8.08	62	281517	48.786	ug/l	99
43) Isopropyl Acetate	8.12	43	430692	55.530	ug/l #	92
44) Trichloroethene	8.80	130	167945	47.416	ug/l	100
45) 1,2-Dichloropropane	9.08	63	189281	51.846	ug/l	100
46) Dibromomethane	9.17	93	123557	49.059	ug/l	98
47) Bromodichloromethane	9.37	83	263513	50.768	ug/l	97
48) Methyl methacrylate	9.16	41	215365	56.202	ug/l	93
49) 1,4-Dioxane	9.16	88	65631	1205.109	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1340023	294.408	ug/l	100
52) Toluene	10.12	92	424151	50.726	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	291457	52.383	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	301865	51.876	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	174653	52.085	ug/l	99
56) Ethyl methacrylate	10.40	69	269264	56.650	ug/l	94
57) 1,3-Dichloropropane	10.68	76	294939	51.989	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	709447	279.037	ug/l	100
59) 2-Hexanone	10.72	43	1010666	298.907	ug/l	100
60) Dibromochloromethane	10.87	129	203819	52.192	ug/l	99
61) 1,2-Dibromoethane	10.97	107	179222	52.249	ug/l	98
64) Tetrachloroethene	10.60	164	153256	44.584	ug/l	99
65) Chlorobenzene	11.41	112	452224	49.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	180625	51.694	ug/l	98
67) Ethyl Benzene	11.48	91	827331	49.886	ug/l	99
68) m/p-Xylenes	11.59	106	614458	99.411	ug/l	100
69) o-Xylene	11.92	106	297022	51.413	ug/l	97
70) Styrene	11.94	104	512231	52.234	ug/l	98
71) Bromoform	12.10	173	141172	52.827	ug/l #	99
73) Isopropylbenzene	12.22	105	793035	50.115	ug/l	100
74) N-amyl acetate	12.05	43	377706	51.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	257118	53.135	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	240521m	50.292	ug/l	
77) Bromobenzene	12.50	156	195424	50.329	ug/l	98
78) n-propylbenzene	12.57	91	910210	49.424	ug/l	100
79) 2-Chlorotoluene	12.65	91	557437	49.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	676924	50.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	90060	54.237	ug/l	98
82) 4-Chlorotoluene	12.75	91	587632	49.977	ug/l	99
83) tert-Butylbenzene	12.97	119	544636	50.154	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	663413	50.051	ug/l	96
85) sec-Butylbenzene	13.14	105	702779	49.273	ug/l	100
86) p-Isopropyltoluene	13.26	119	645069	51.123	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	352831	50.227	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	354622	48.484	ug/l	99
89) n-Butylbenzene	13.59	91	543762	46.691	ug/l	100
90) Hexachloroethane	13.85	117	121076	49.519	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	347024	49.876	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57621	50.776	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	164383	43.676	ug/l	97
94) Hexachlorobutadiene	14.98	225	97111	51.475	ug/l	97
95) Naphthalene	15.10	128	482294	41.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157963	43.266	ug/l	99

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

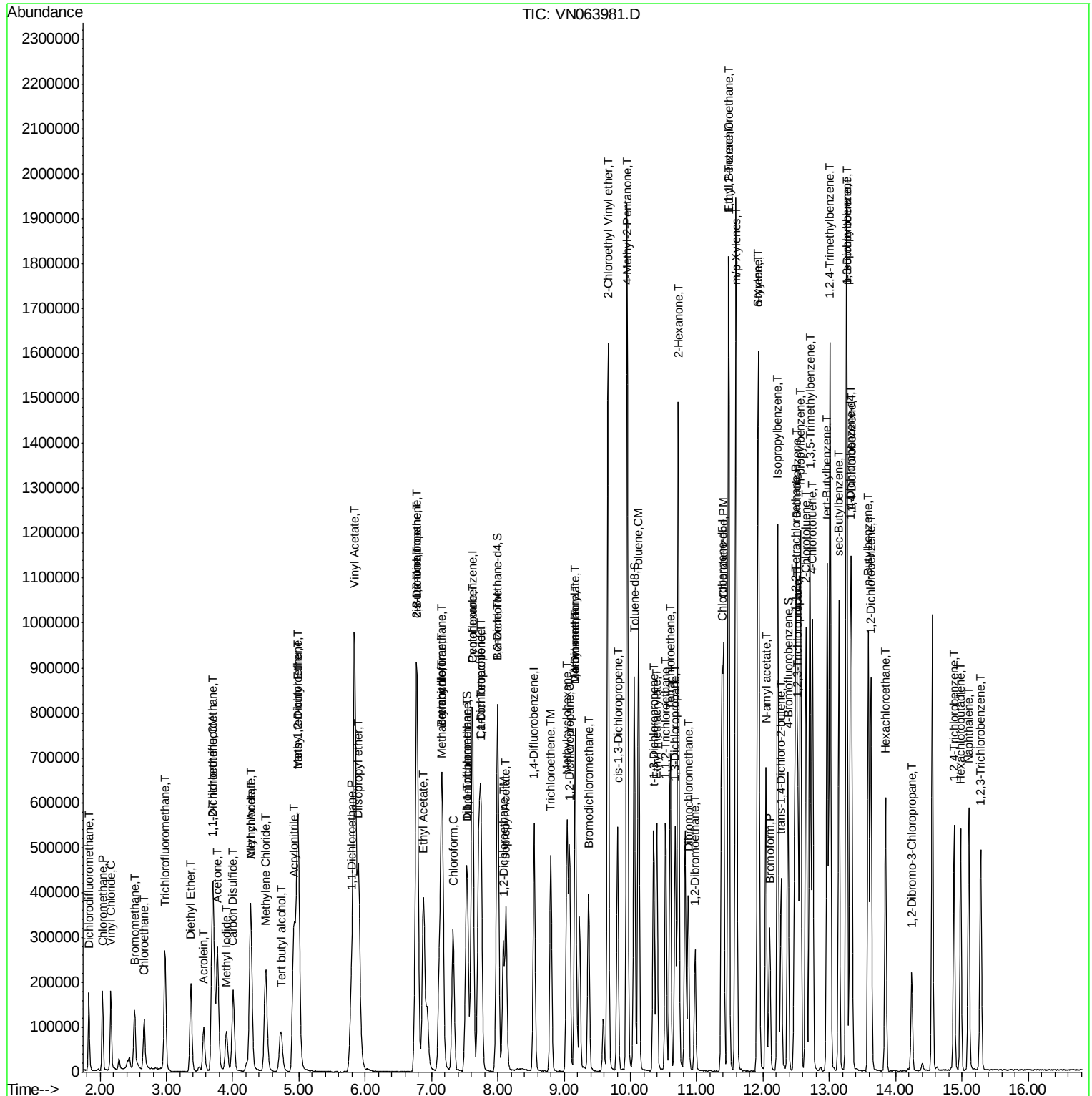
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 294098

Ion Ratio Lower Upper

168 100

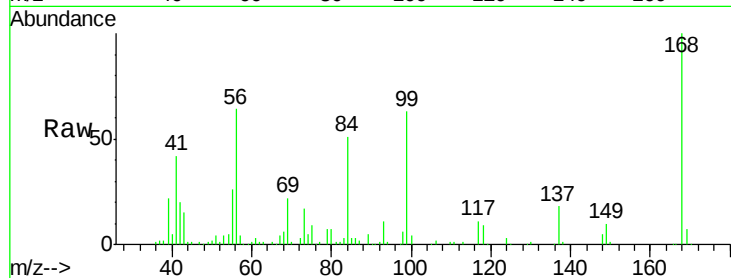
99 62.2 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

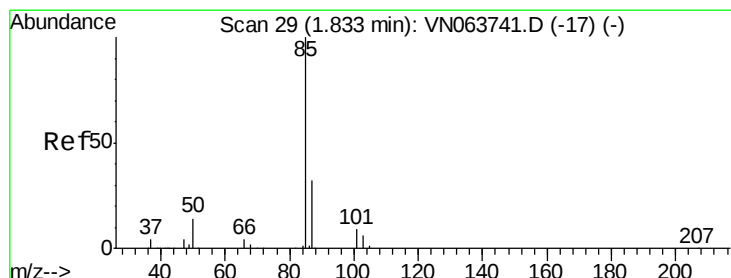
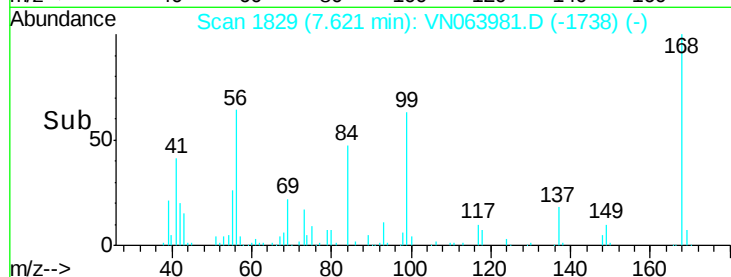
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.650 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063981.D

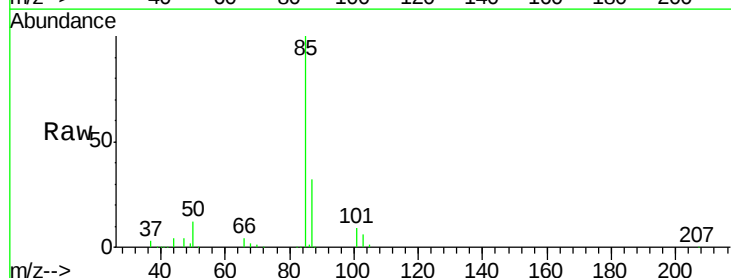
Acq: 8 Oct 2020 10:38

Tgt Ion: 85 Resp: 132354

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

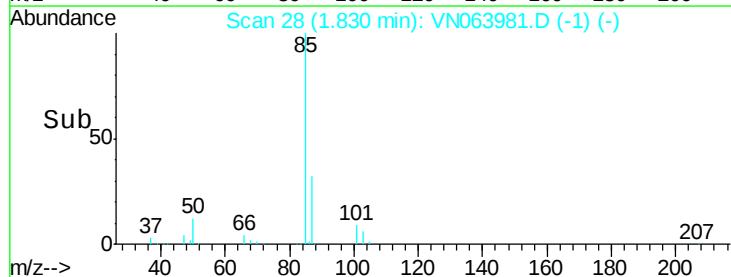
60000

40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 42.746 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 155646

Ion Ratio Lower Upper

50 100

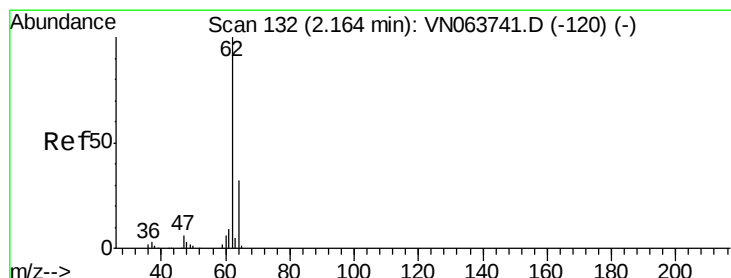
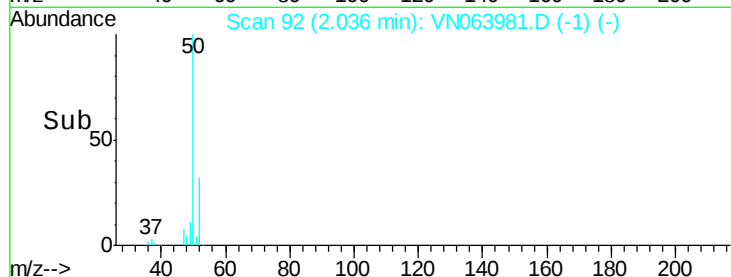
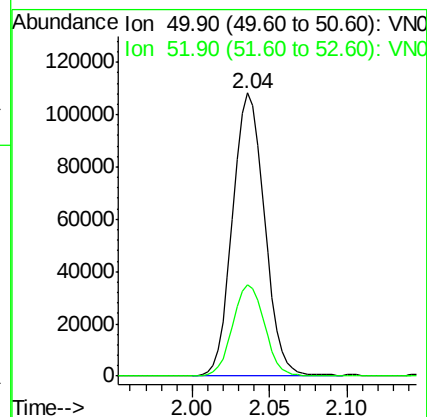
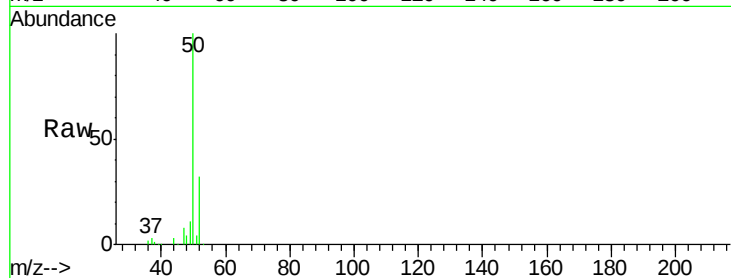
52 32.5 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.944 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN063981.D

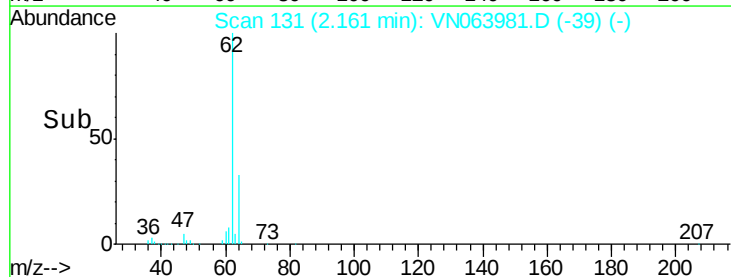
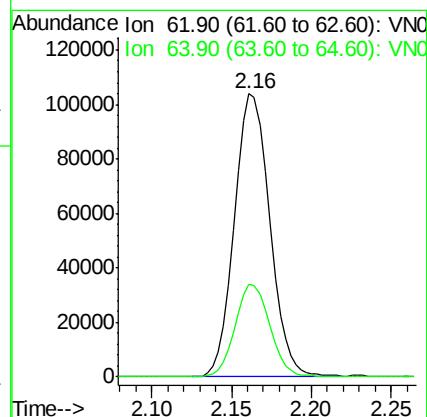
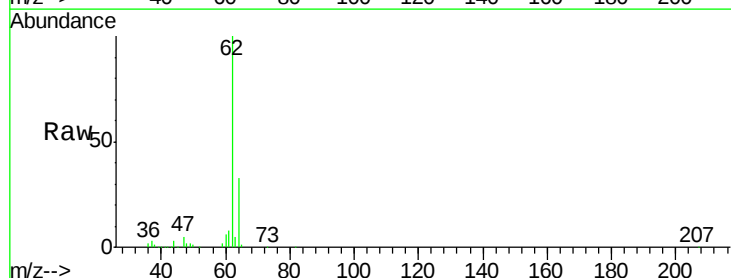
Acq: 8 Oct 2020 10:38

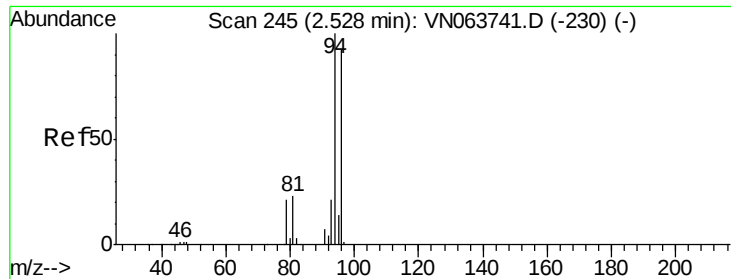
Tgt Ion: 62 Resp: 156961

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 40.139 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

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Tgt Ion: 94 Resp: 92280

Ion Ratio Lower Upper

94 100

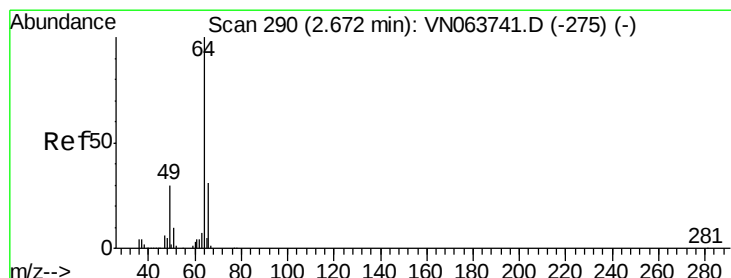
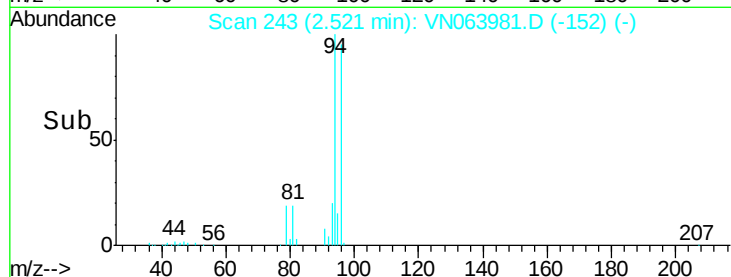
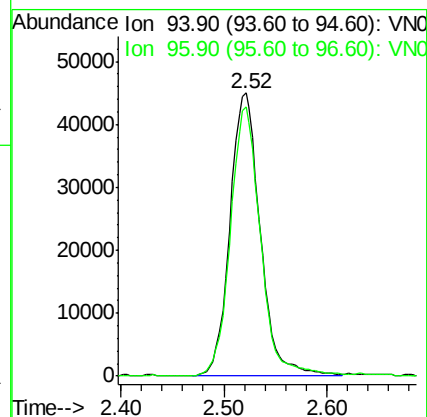
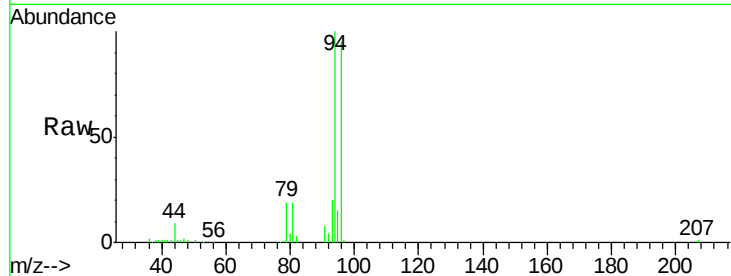
96 95.1 73.3 109.9

Manual Integrations

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#6

Chloroethane

Concen: 48.557 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063981.D

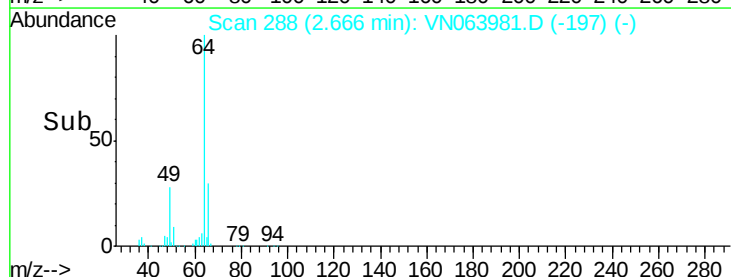
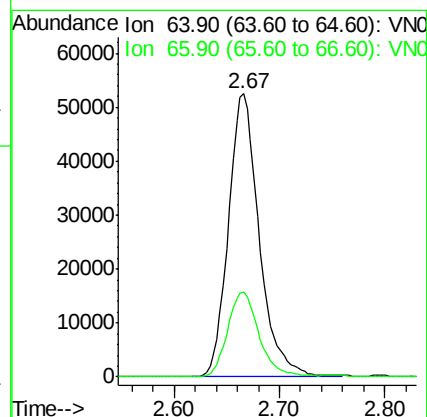
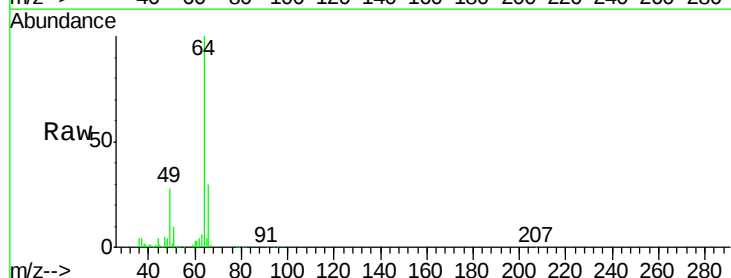
Acq: 8 Oct 2020 10:38

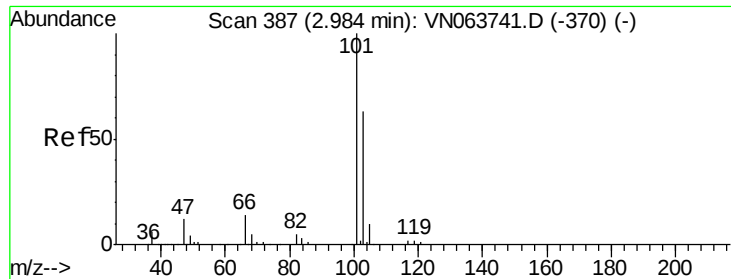
Tgt Ion: 64 Resp: 106051

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7





#7

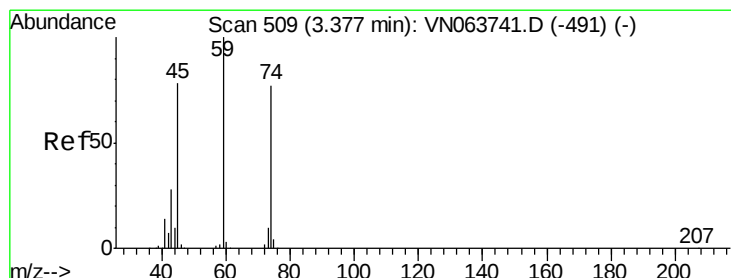
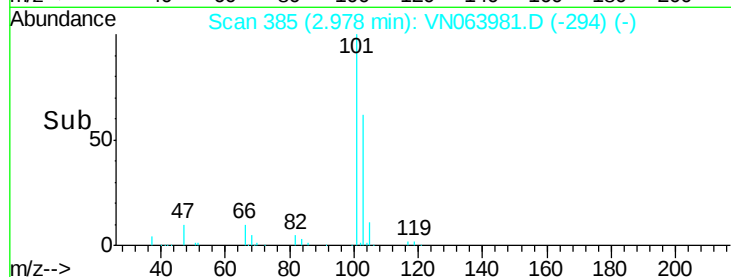
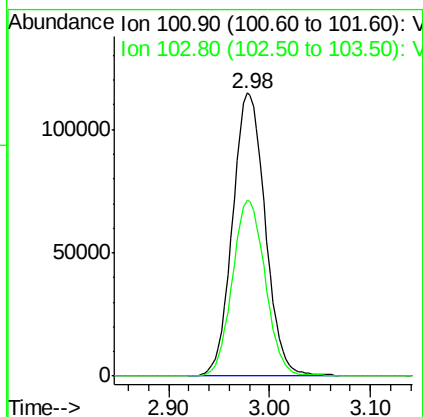
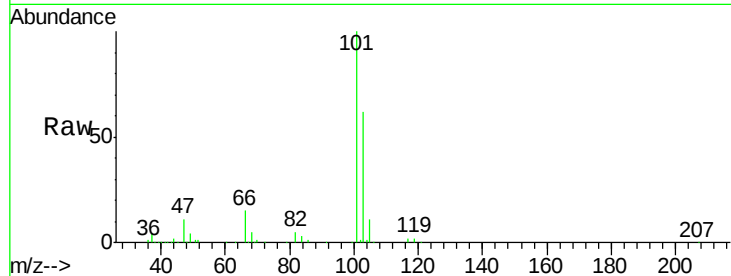
Trichlorofluoromethane
 Concen: 44.573 ug/l
 RT: 2.98 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.1	50.7	76.1

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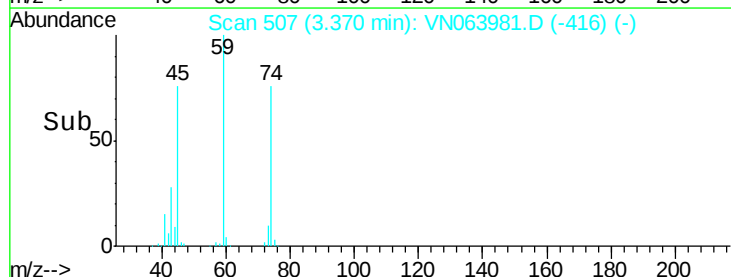
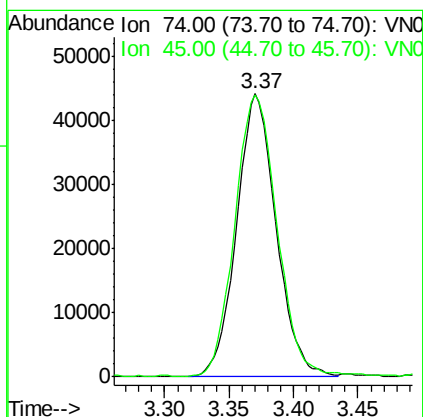
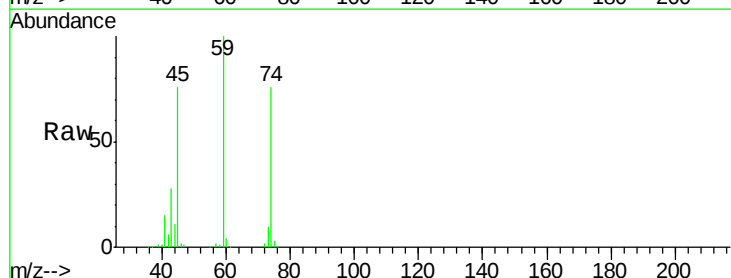
MMDadoda
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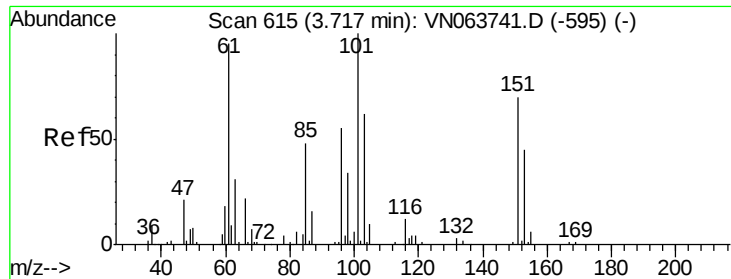


#8

Diethyl Ether
 Concen: 48.184 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.900 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

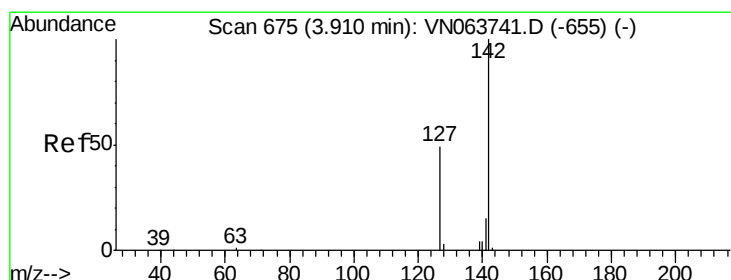
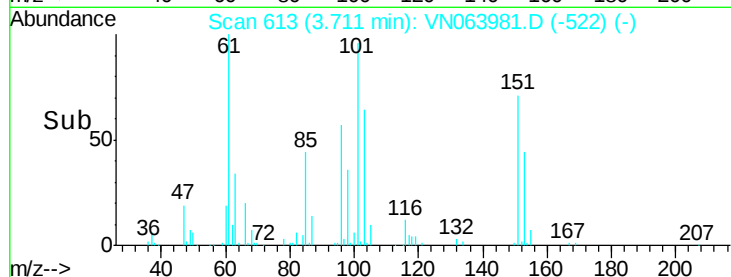
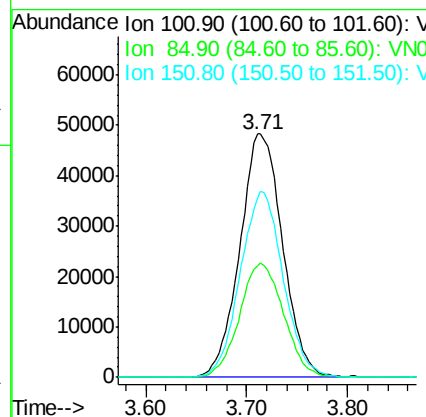
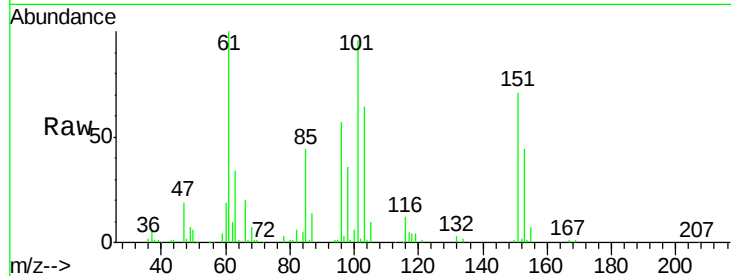
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	142212
Ion Ratio	Lower	Upper	
101	100		
85	48.5	38.6	58.0
151	76.6	58.7	88.1

Manual Integrations
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#10

Methyl Iodide

Concen: 38.511 ug/l

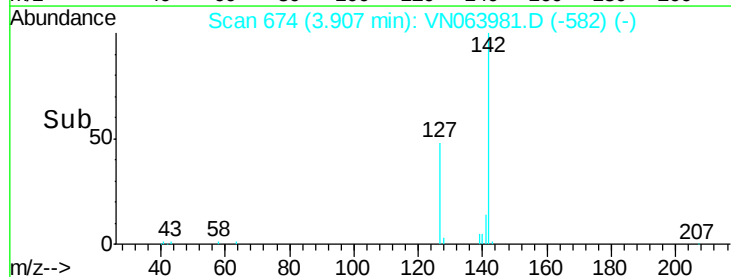
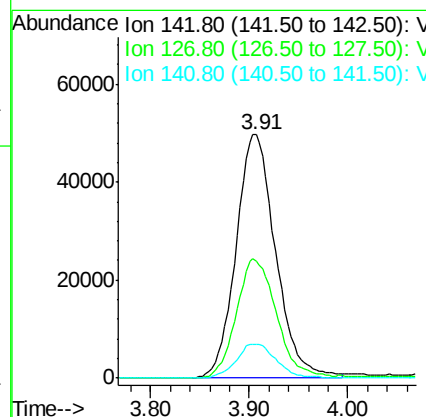
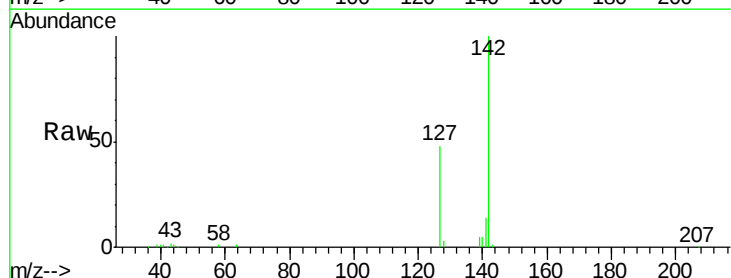
RT: 3.91 min Scan# 674

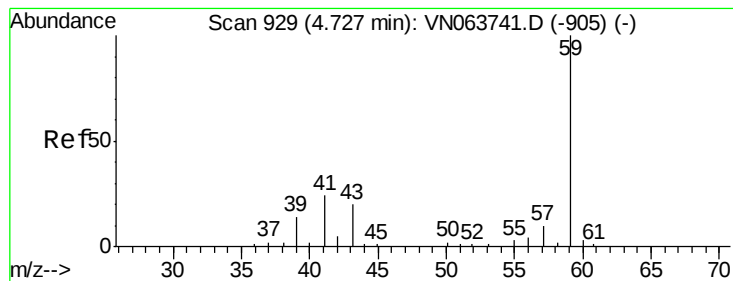
Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Tgt Ion:	142	Resp:	138542
Ion Ratio	Lower	Upper	
142	100		
127	49.6	40.5	60.7
141	14.1	11.7	17.5





#11

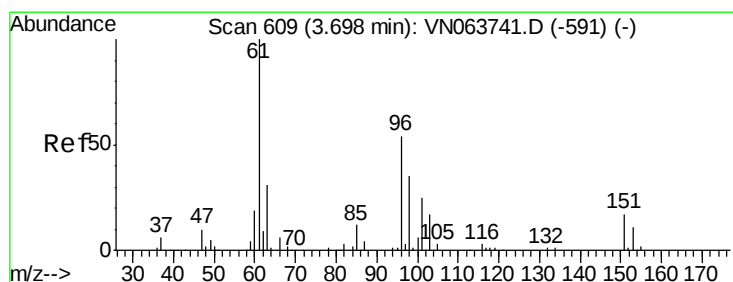
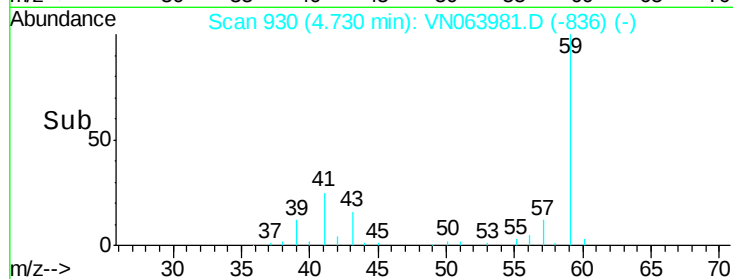
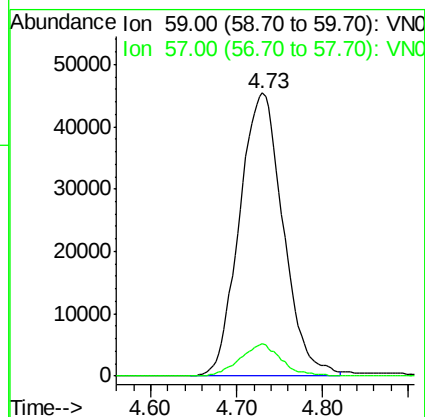
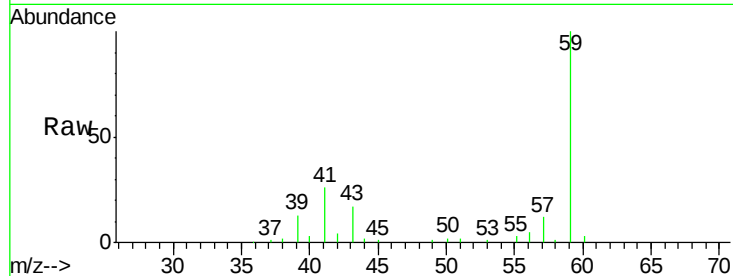
Tert butyl alcohol
Concen: 299.107 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 160446
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

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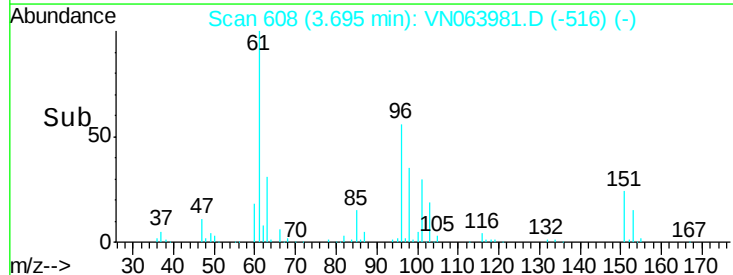
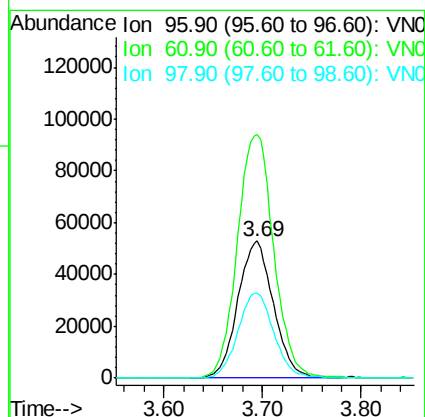
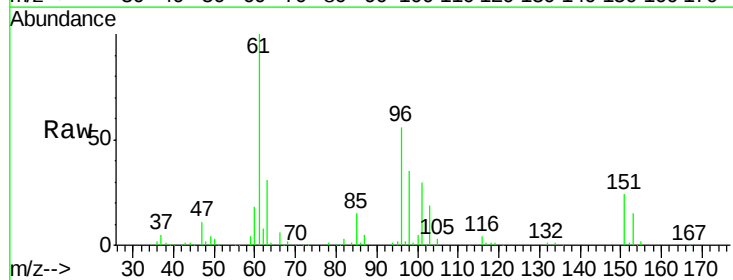
MMDadoda
10/9/2020 4:32:02 PM

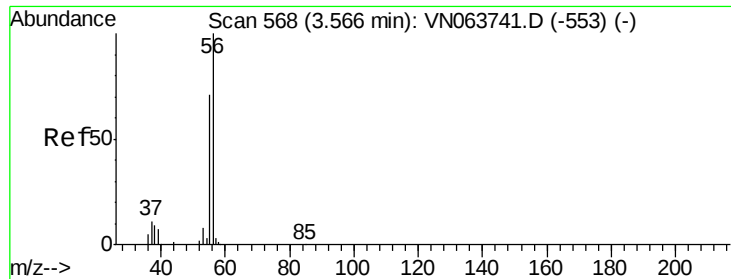


#12

1,1-Dichloroethene
Concen: 44.731 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 96 Resp: 132473
Ion Ratio Lower Upper
96 100
61 178.0 147.7 221.5
98 62.5 51.9 77.9





#13

Acrolein

Concen: 321.800 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 105944

Ion Ratio Lower Upper

56 100

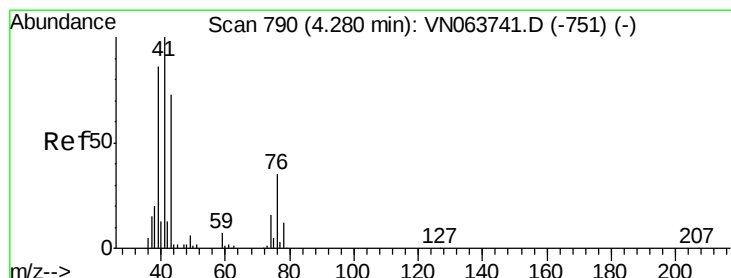
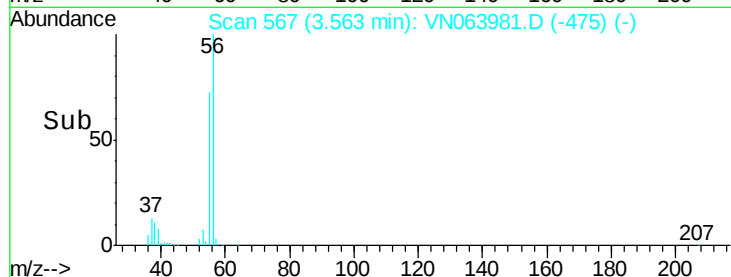
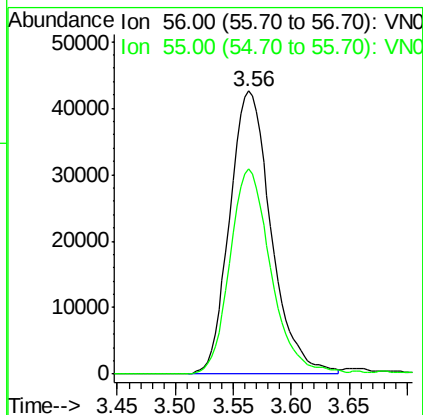
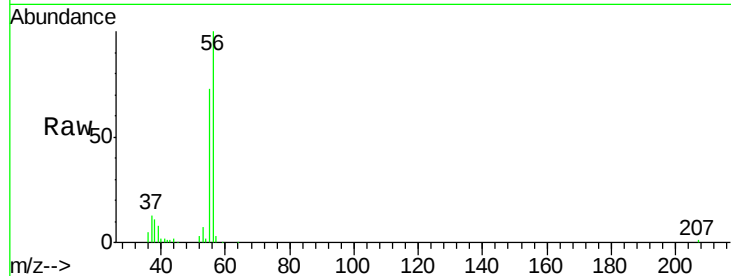
55 71.5 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 51.518 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

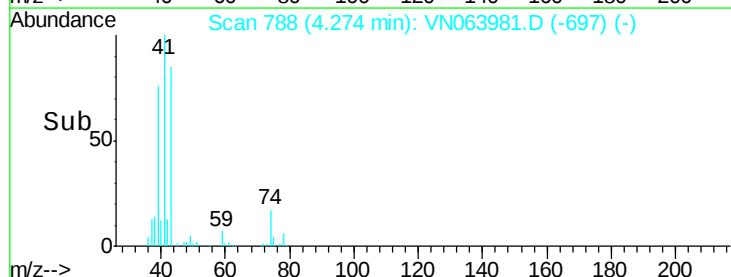
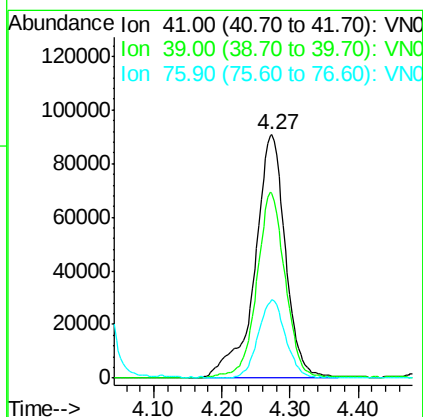
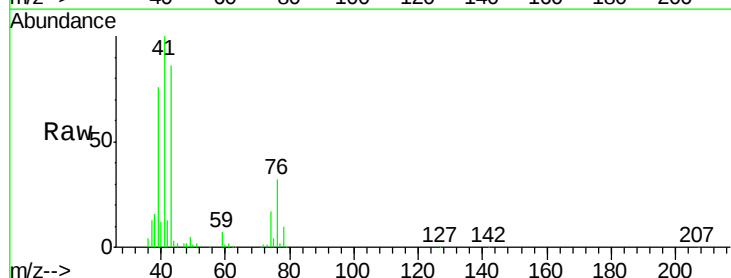
Tgt Ion: 41 Resp: 283445

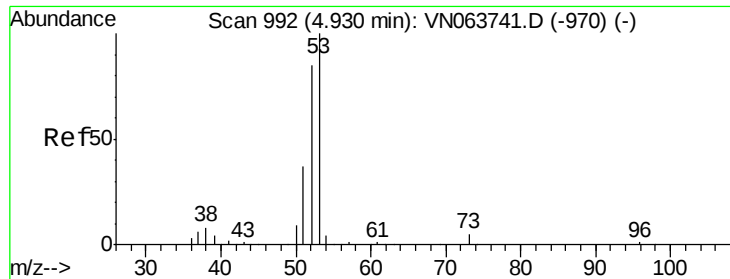
Ion Ratio Lower Upper

41 100

39 71.1 64.5 96.7

76 28.1 25.9 38.9





#15

Acrylonitrile

Concen: 278.149 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

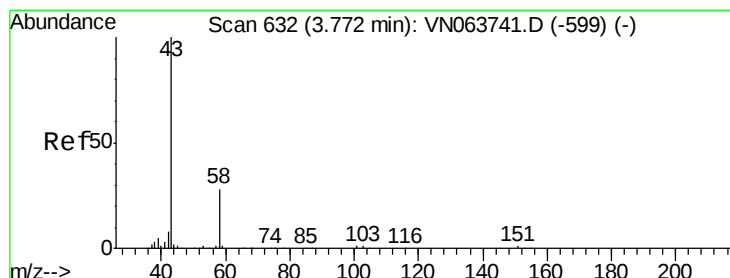
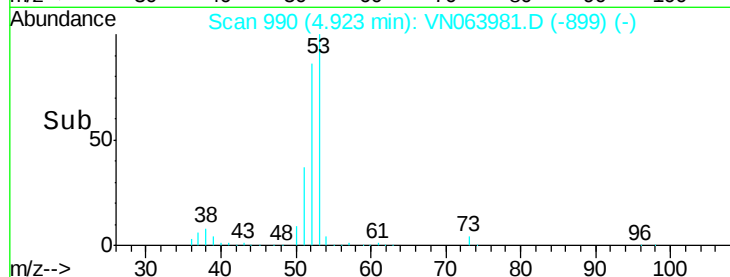
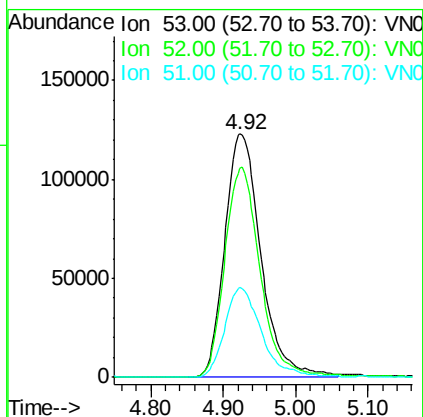
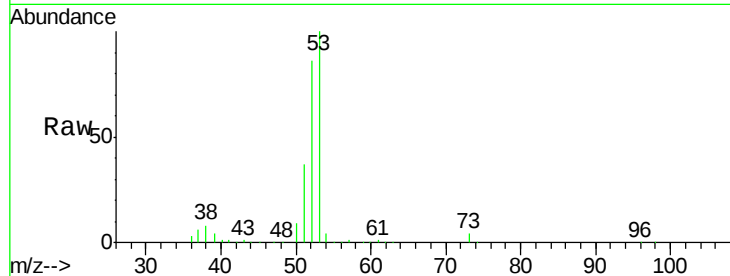
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	427086
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.5	99.7
51	37.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 303.429 ug/l

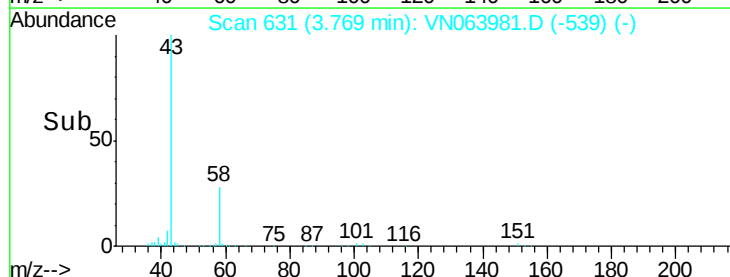
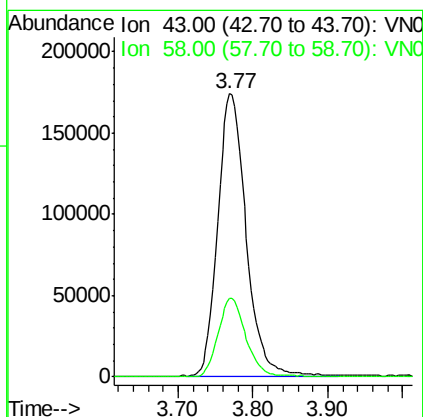
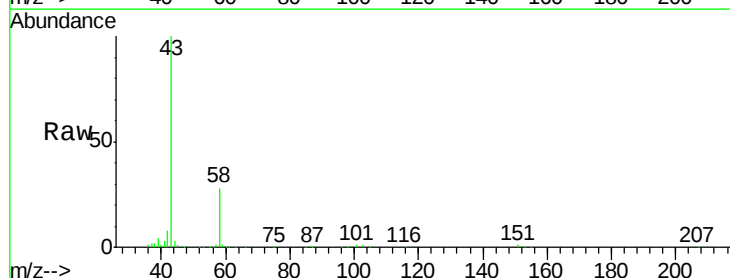
RT: 3.77 min Scan# 631

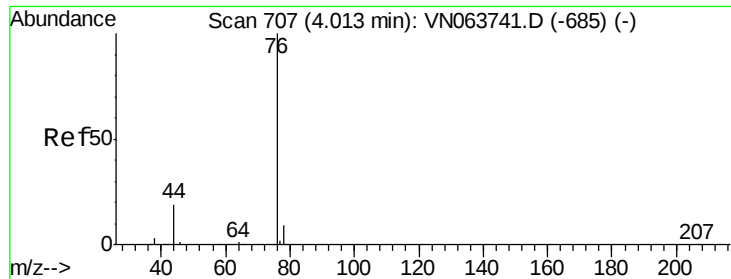
Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Tgt Ion:	43	Resp:	453828
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.3	33.5





#17

Carbon Disulfide

Concen: 43.889 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 350614

Ion Ratio Lower Upper

76 100

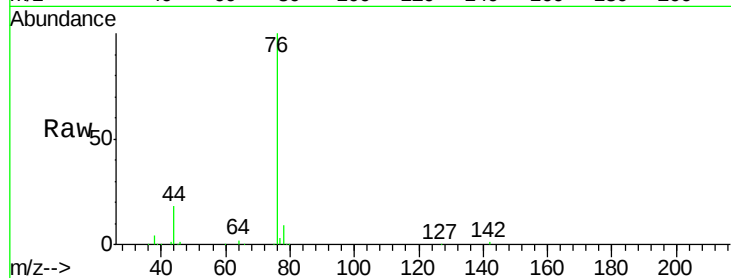
78 9.3 7.0 10.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)

4.01

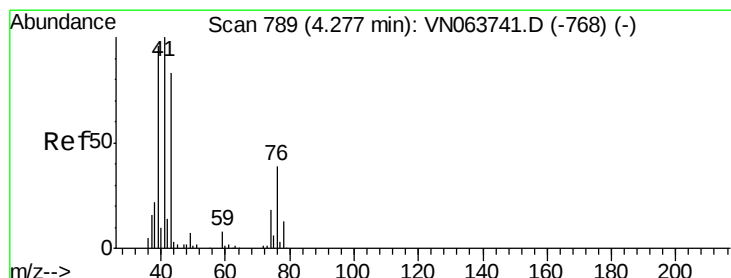
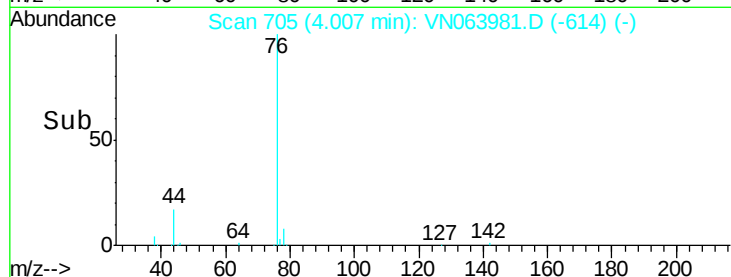
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 57.470 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063981.D

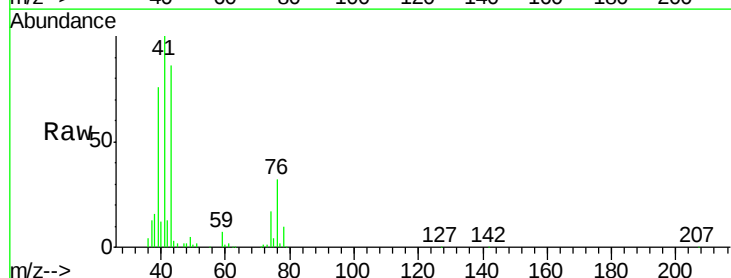
Acq: 8 Oct 2020 10:38

Tgt Ion: 43 Resp: 223174

Ion Ratio Lower Upper

43 100

74 20.8 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN063741.D (-768) (-)

4.27

80000

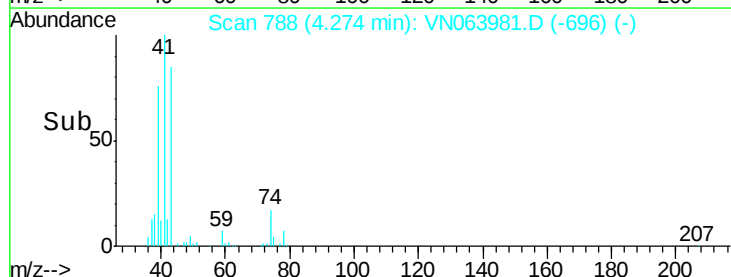
60000

40000

20000

0

Time-->





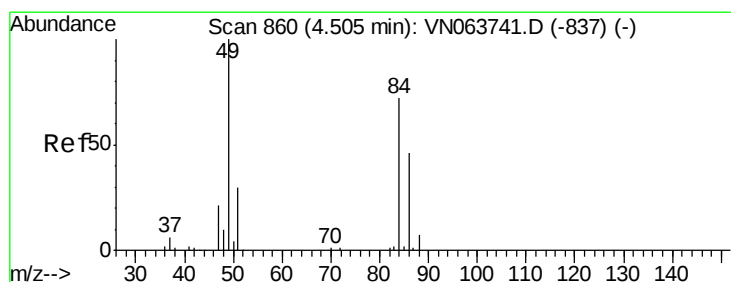
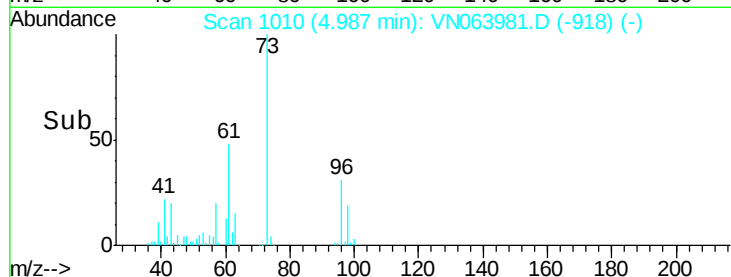
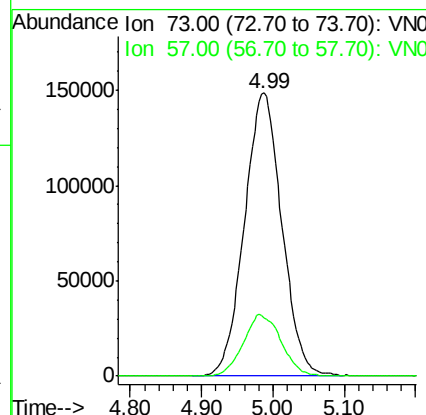
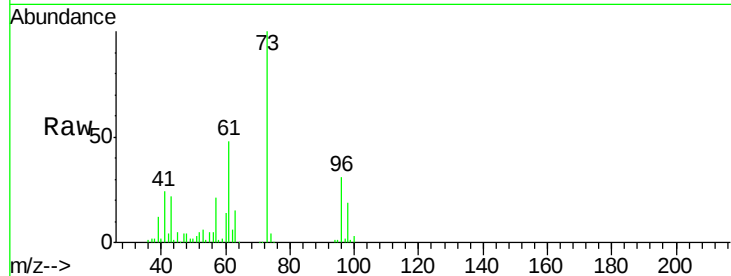
#19
Methyl tert-butyl Ether
Concen: 50.379 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 542050
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4

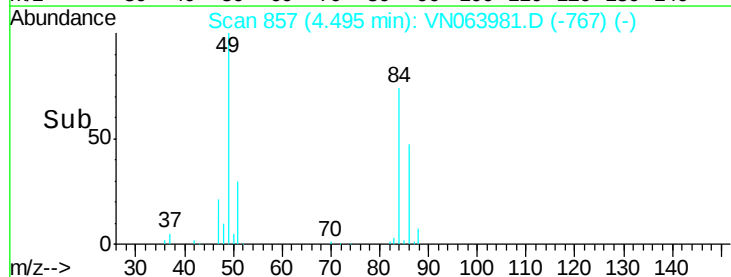
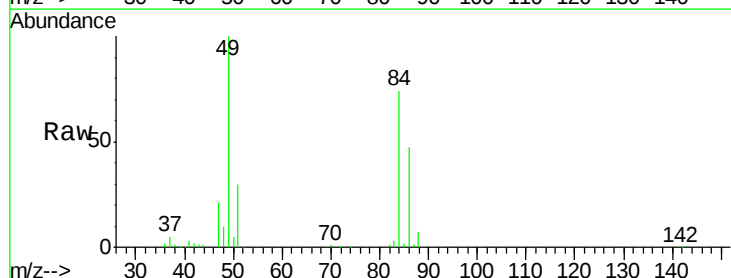
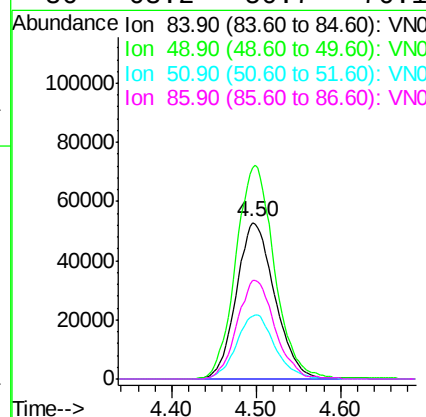
Manual Integrations
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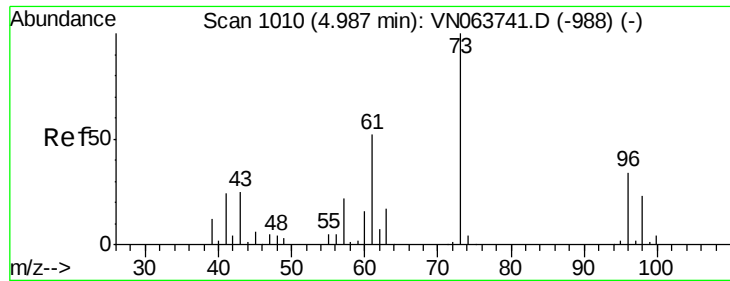
MMDadoda
10/9/2020 4:32:02 PM



#20
Methylene Chloride
Concen: 49.070 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 84 Resp: 168097
Ion Ratio Lower Upper
84 100
49 135.2 110.4 165.6
51 40.3 33.3 49.9
86 63.2 50.7 76.1





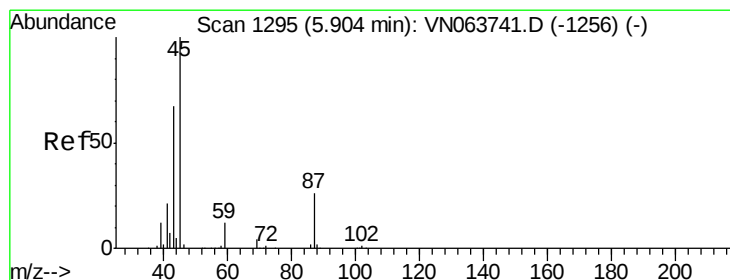
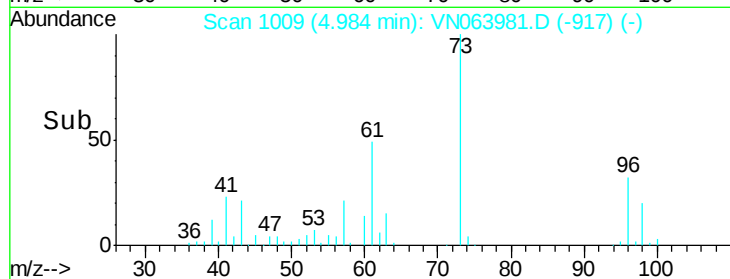
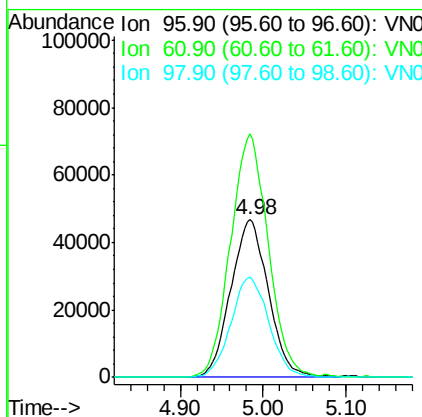
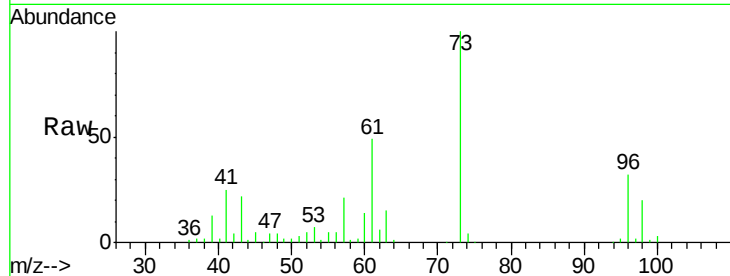
#21
trans-1,2-Dichloroethene
Concen: 44.501 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.3	120.2	180.2
98	63.3	52.6	79.0

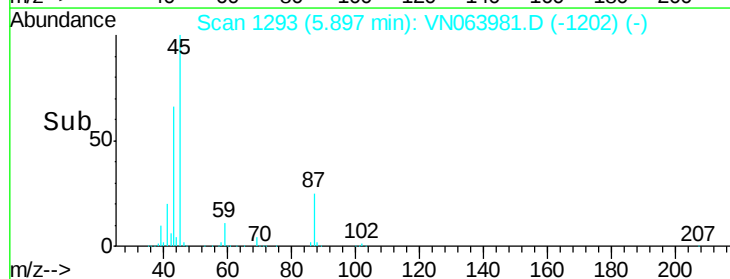
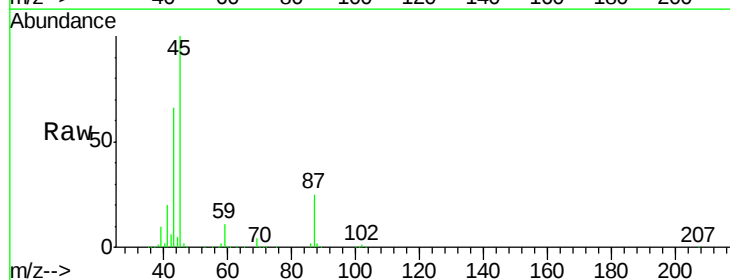
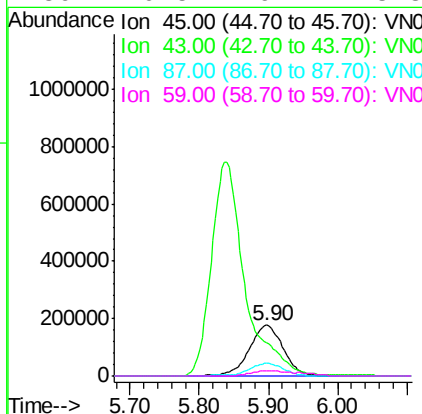
Manual Integrations
APPROVED

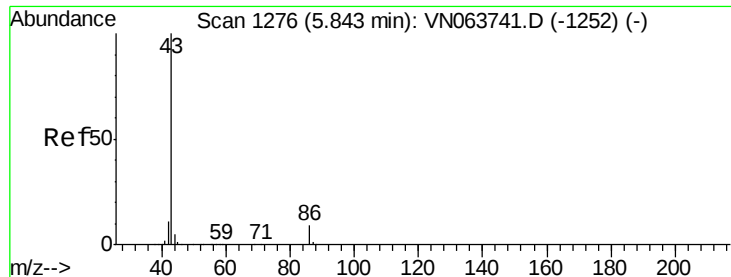
MMDadoda
10/9/2020 4:32:02 PM



#22
Diisopropyl ether
Concen: 53.244 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.0	53.7	80.5
87	25.1	21.1	31.7
59	10.5	9.2	13.8





#23

Vinyl Acetate

Concen: 267.906 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2512131

Ion Ratio Lower Upper

43 100

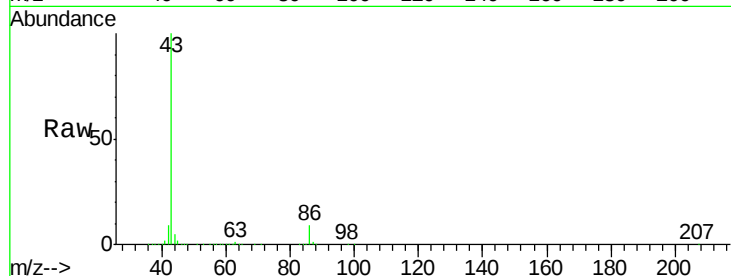
86 8.6 7.3 10.9

Manual Integrations

APPROVED

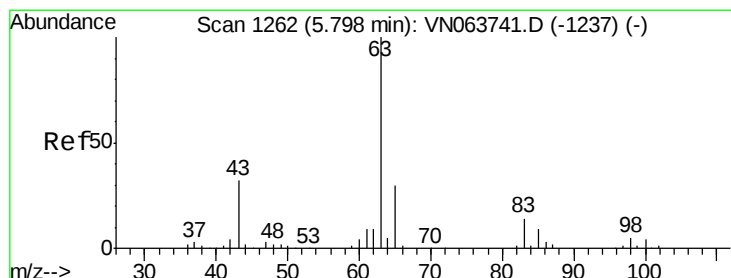
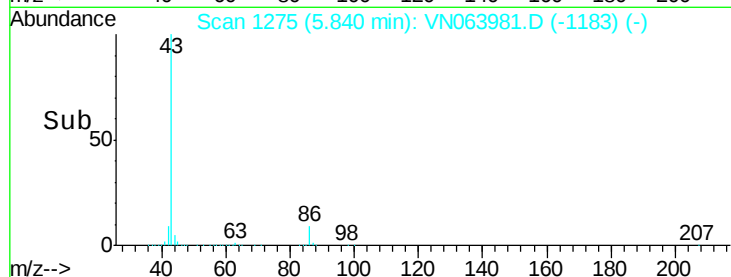
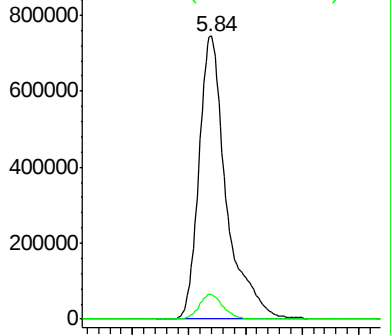
MMDadoda

10/9/2020 4:32:02 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.349 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

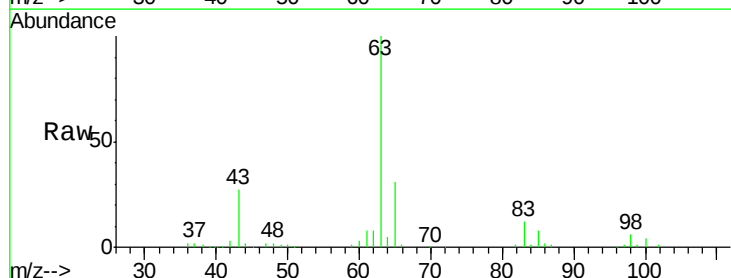
Tgt Ion: 63 Resp: 312933

Ion Ratio Lower Upper

63 100

98 6.0 2.7 8.1

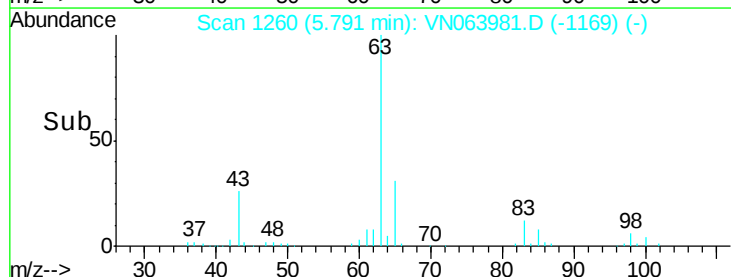
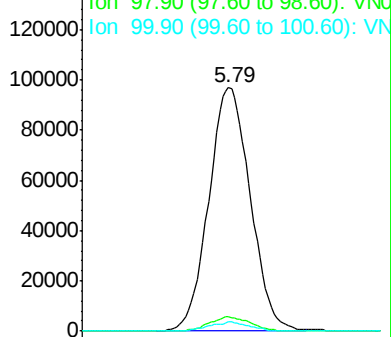
100 3.7 1.9 5.7

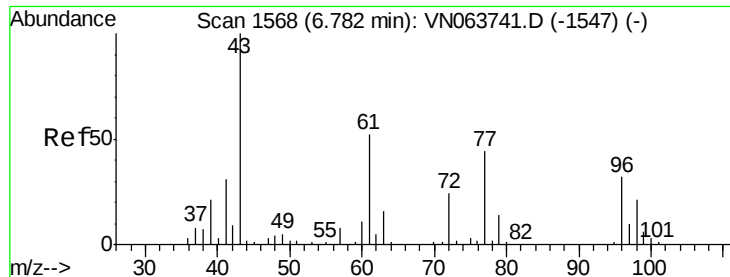


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





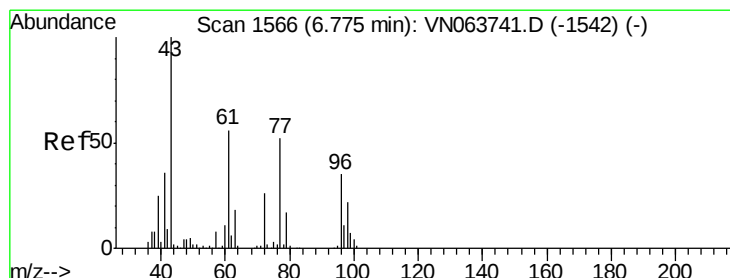
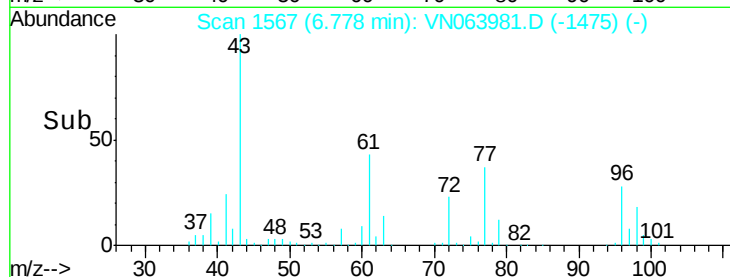
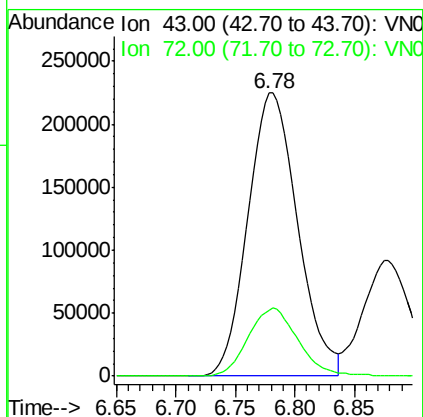
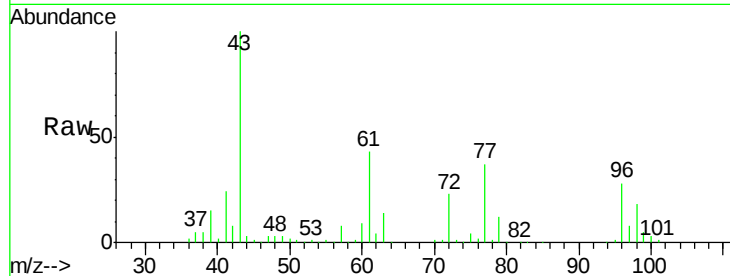
#25
2-Butanone
Concen: 305.475 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 647755
Ion Ratio Lower Upper
43 100
72 23.2 19.3 28.9

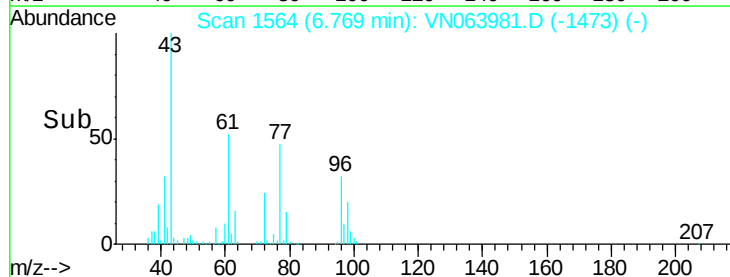
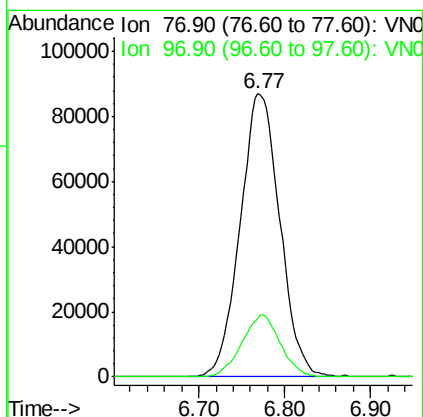
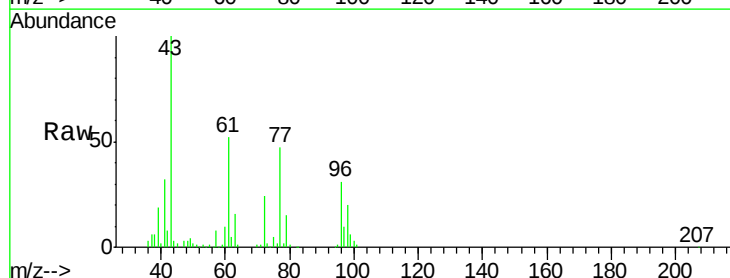
Manual Integrations
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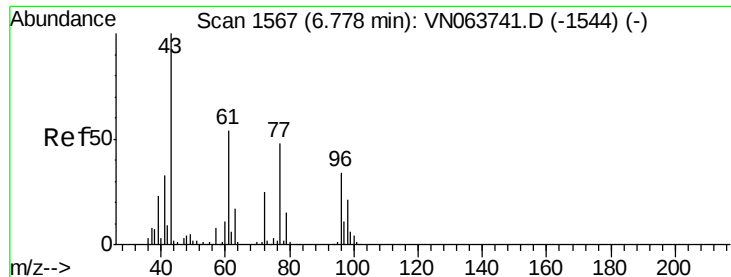
MMDadoda
10/9/2020 4:32:02 PM



#26
2,2-Dichloropropane
Concen: 47.042 ug/l
RT: 6.77 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 77 Resp: 278830
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.018 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

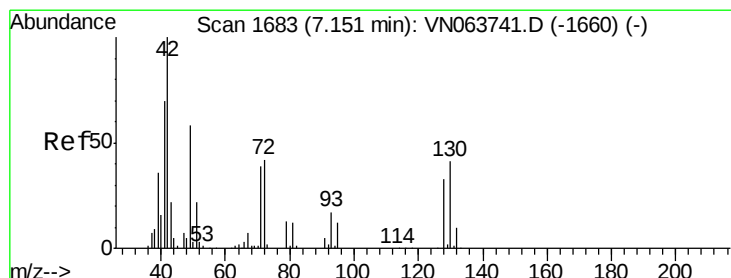
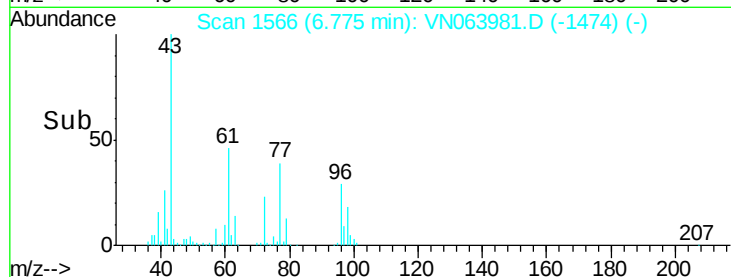
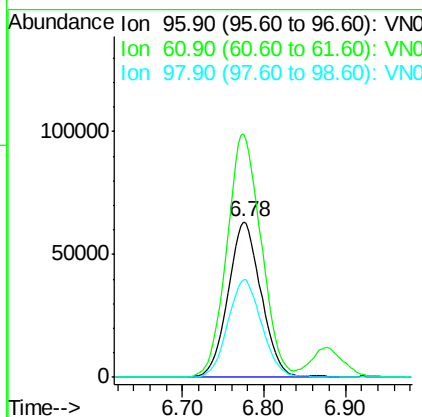
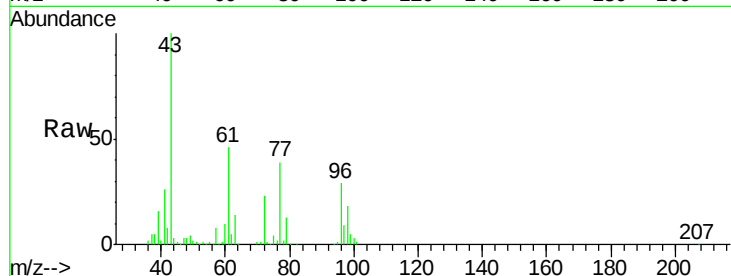
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	179375
Ion	Ratio	Lower	Upper
96	100		
61	161.9	0.0	321.2
98	64.3	0.0	124.4

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10/9/2020 4:32:02 PM



#28

Bromochloromethane

Concen: 51.218 ug/l

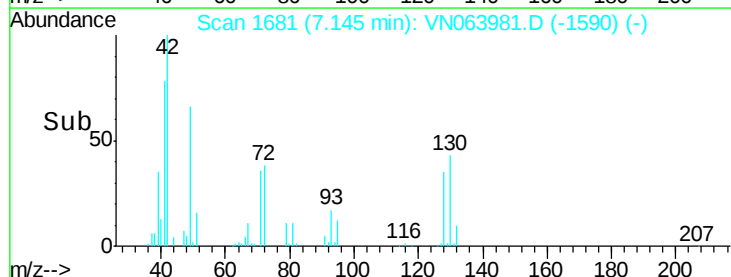
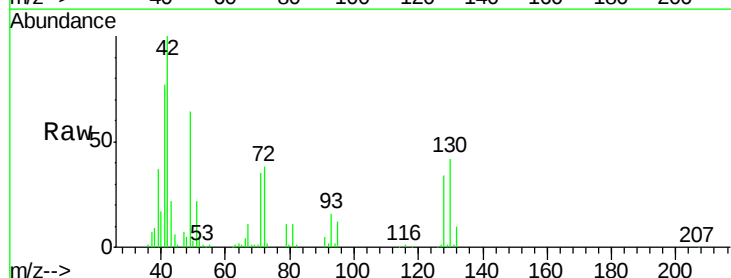
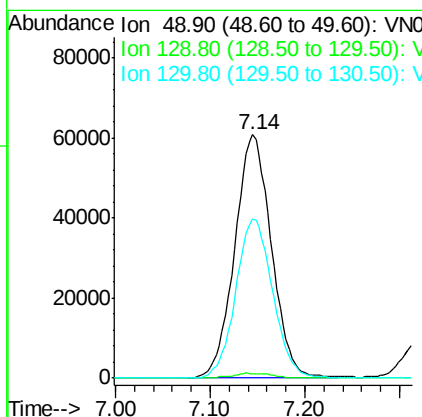
RT: 7.14 min Scan# 1681

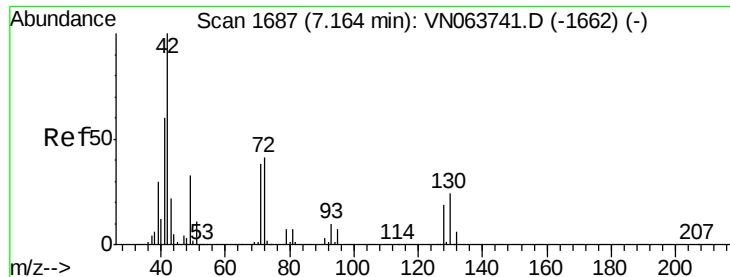
Delta R.T. -0.01 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Tgt Ion:	49	Resp:	163846
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.8
130	65.7	55.6	83.4





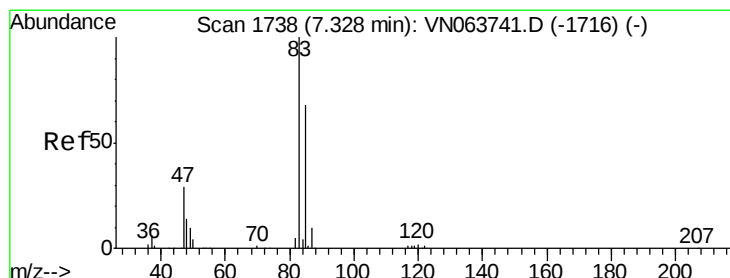
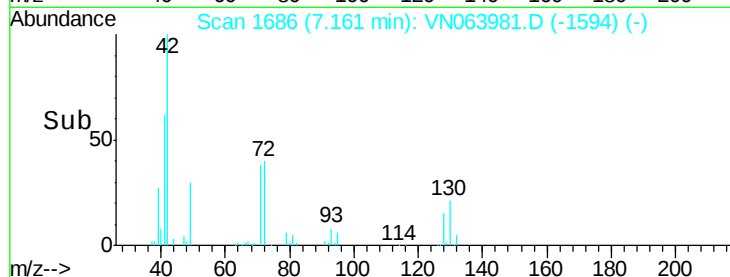
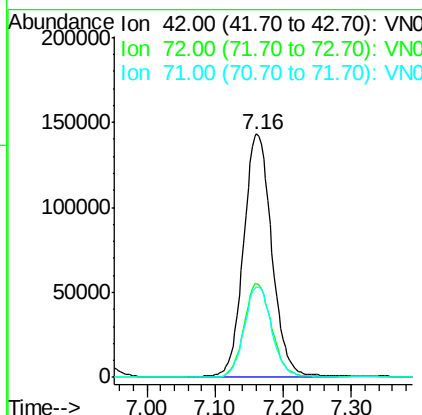
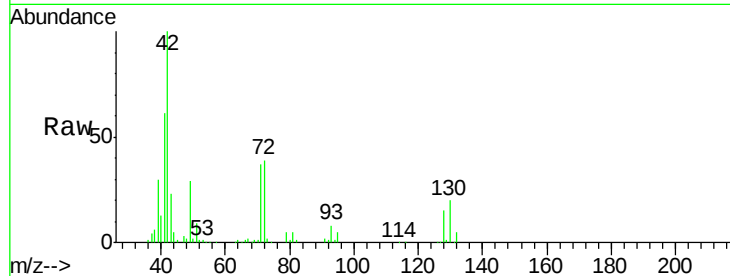
#29
Tetrahydrofuran
Concen: 289.469 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.8	32.8	49.2
71	36.3	30.6	45.8

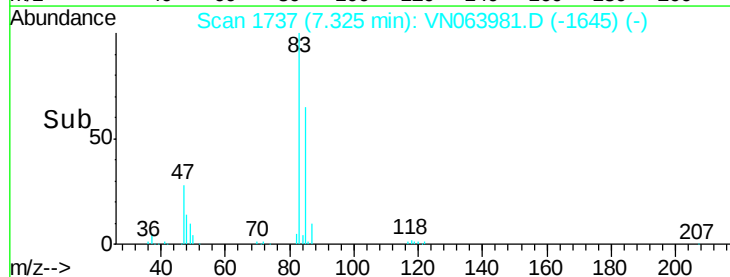
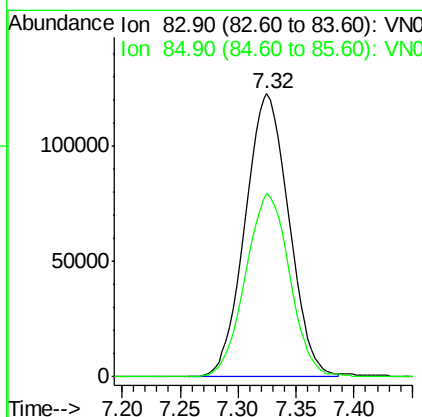
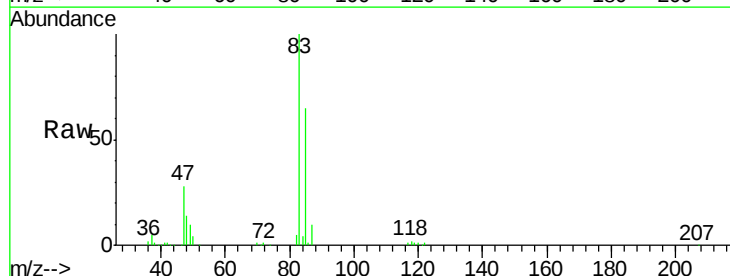
Manual Integrations
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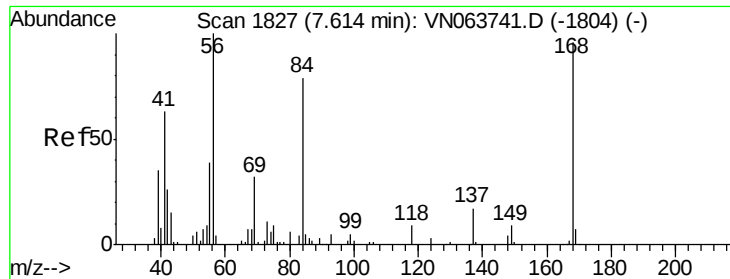
MMDadoda
10/9/2020 4:32:02 PM



#30
Chloroform
Concen: 47.716 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	54.6	82.0





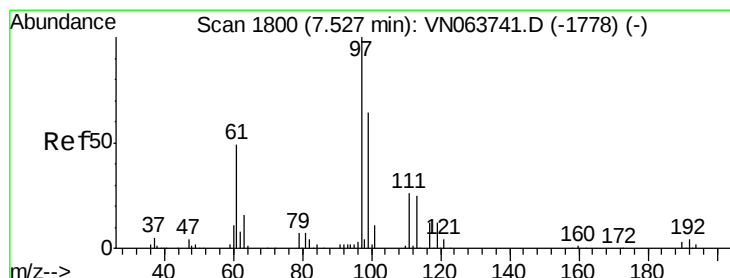
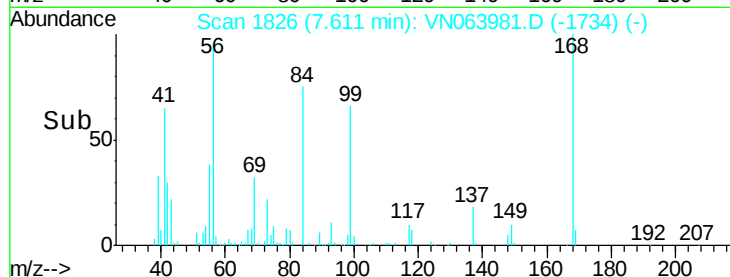
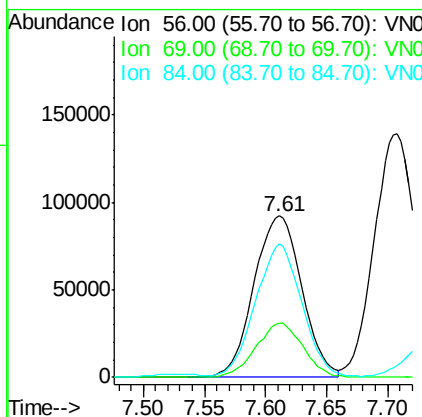
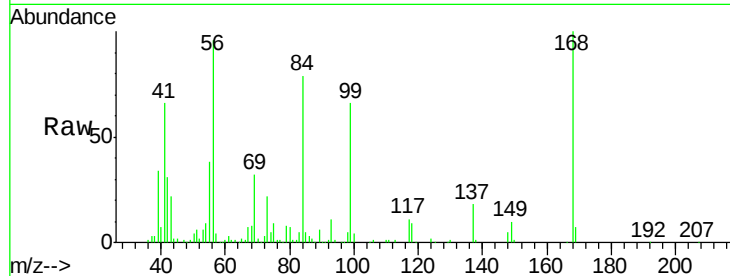
#31
Cyclohexane
Concen: 44.639 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.4	38.2
84	81.0	63.3	94.9

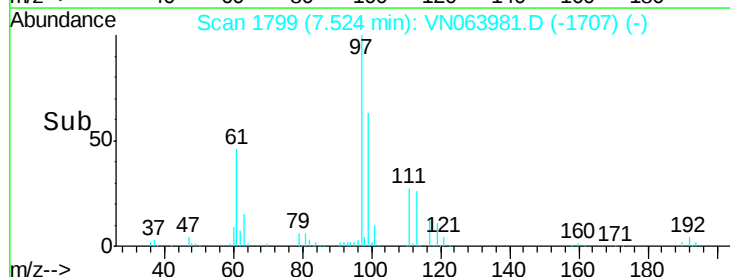
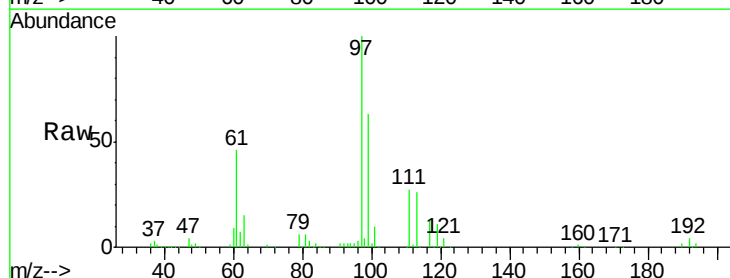
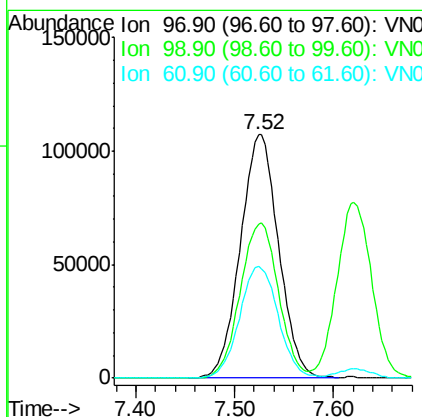
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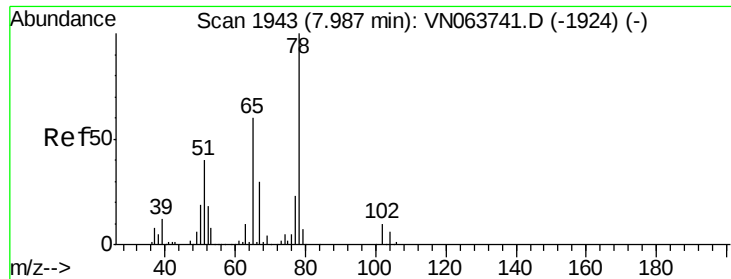
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#32
1,1,1-Trichloroethane
Concen: 47.308 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.6
61	46.5	38.7	58.1





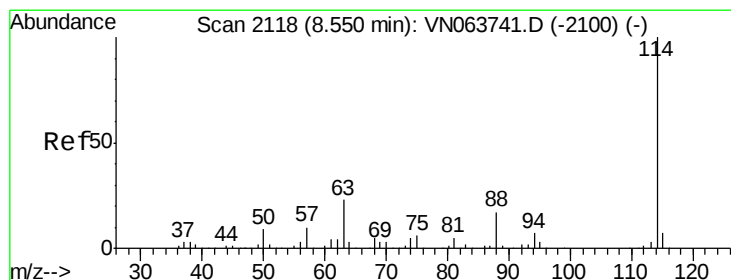
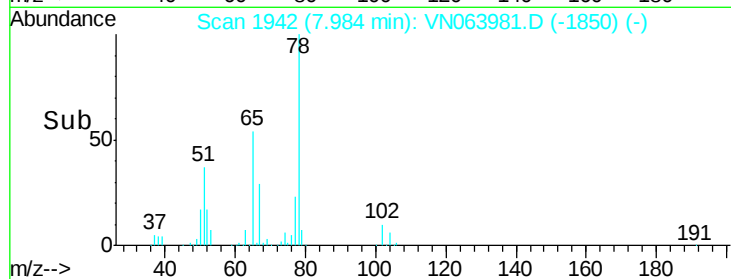
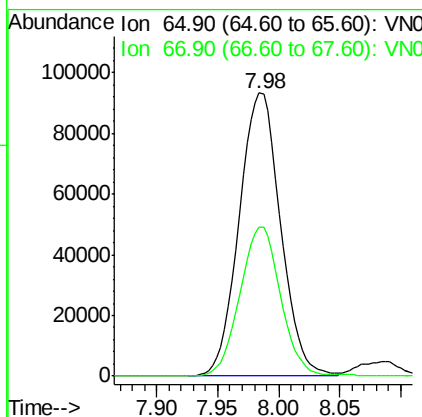
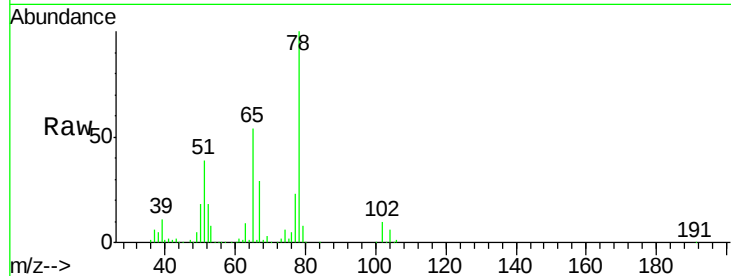
#33
 1,2-Dichloroethane-d4
 Concen: 45.107 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	219162		
67	51.8	0.0	99.6	

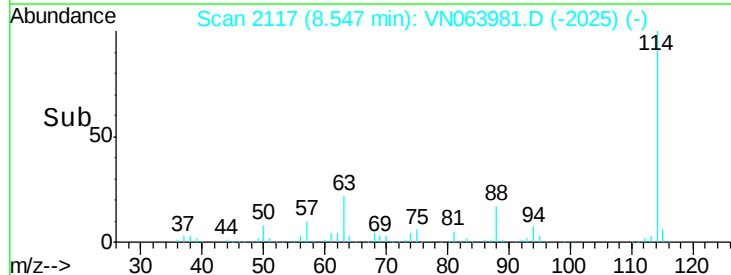
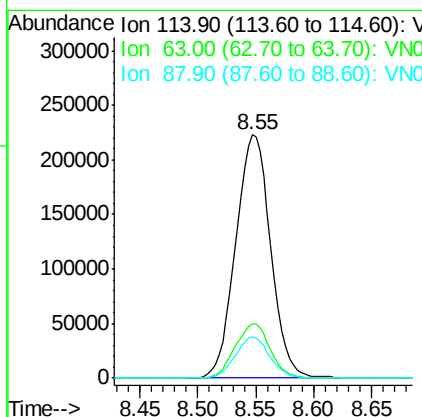
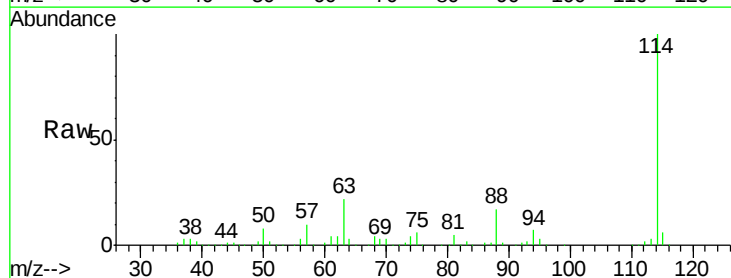
Manual Integrations
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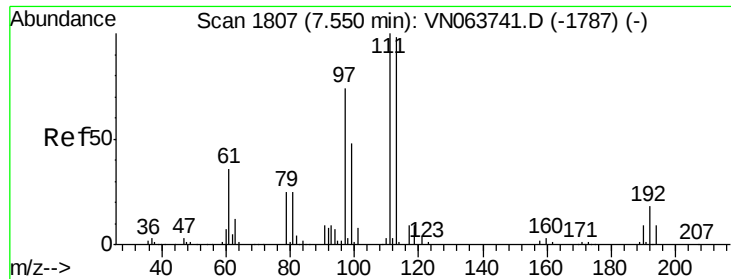
MMDadoda
 10/9/2020 4:32:02 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	467168		
63	22.4	0.0	45.0	
88	16.8	0.0	34.0	





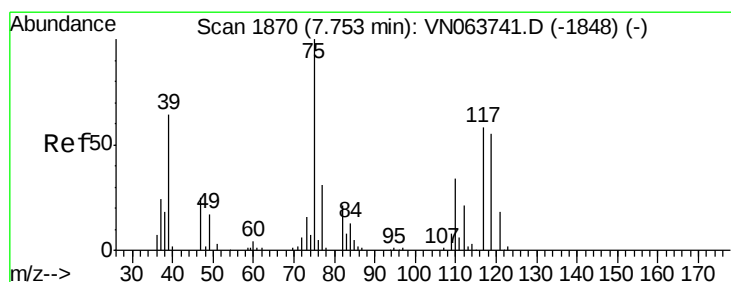
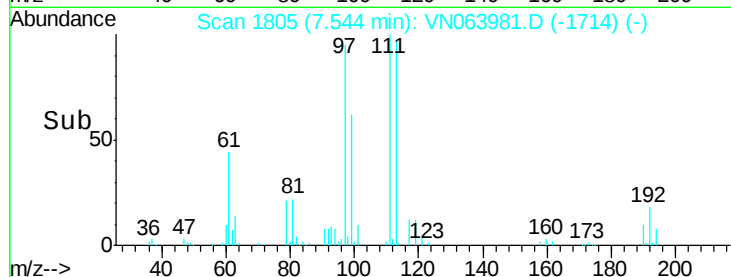
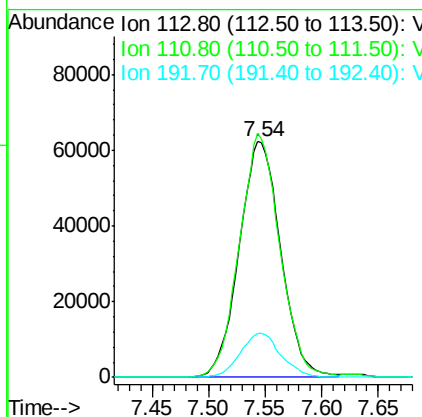
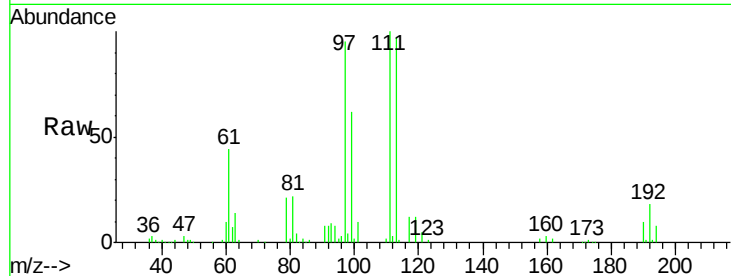
#35
Dibromofluoromethane
Concen: 49.070 ug/l
RT: 7.54 min Scan# 1805
Delta R.T. -0.01 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	159063		
111	100.5	81.8	122.8	
192	18.2	14.2	21.2	

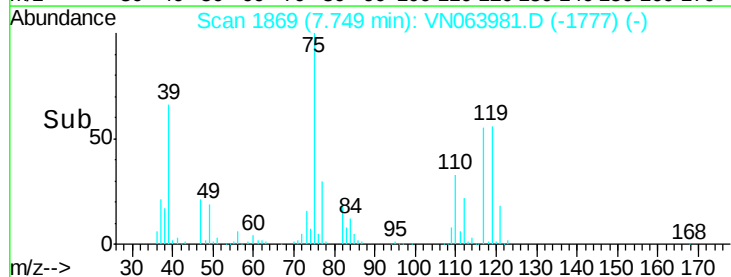
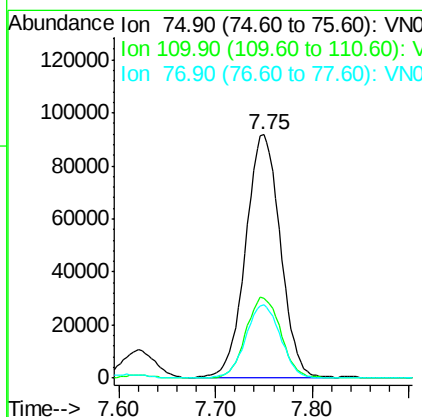
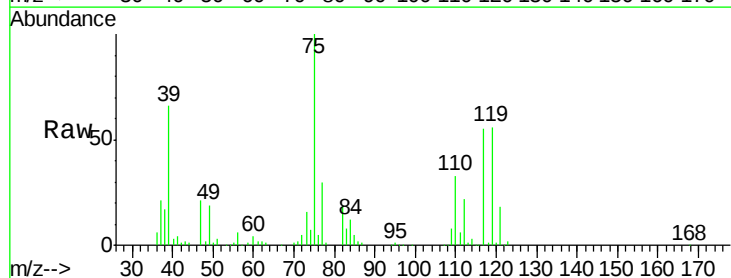
Manual Integrations
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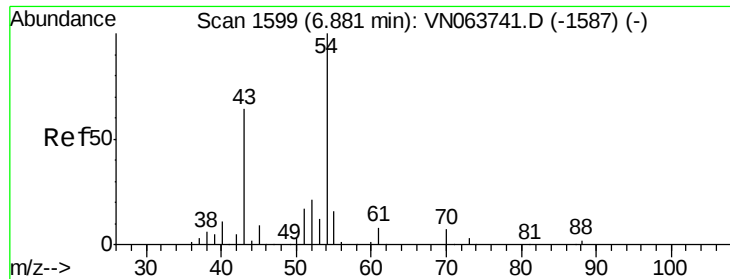
MMDadoda
10/9/2020 4:32:02 PM



#36
1,1-Dichloropropene
Concen: 48.098 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	227641		
110	33.3	16.9	50.6	
77	30.4	24.5	36.7	





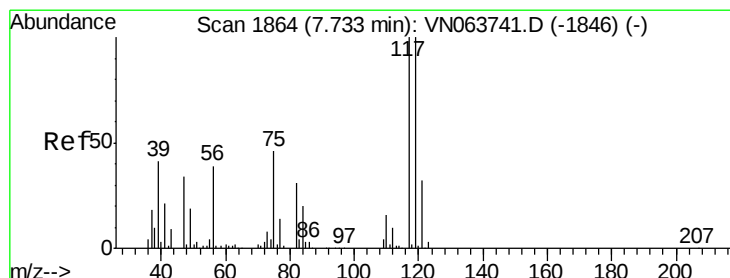
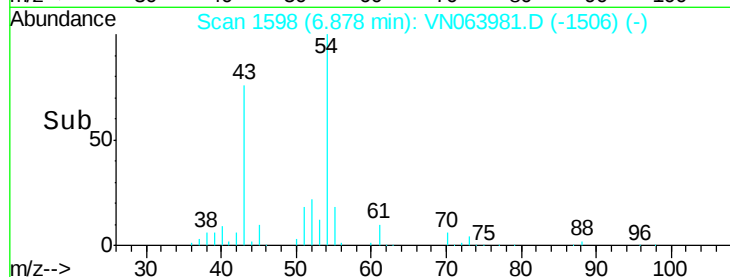
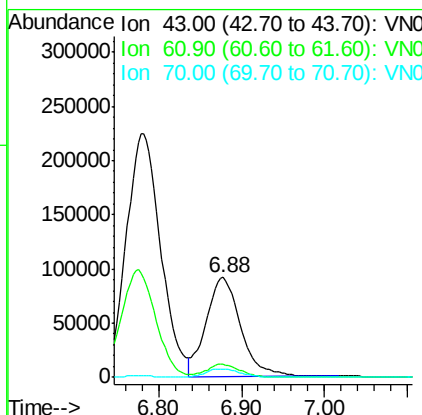
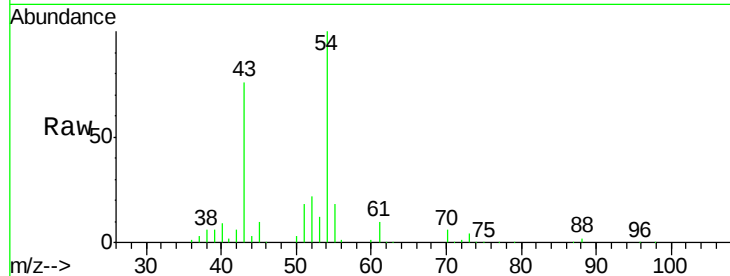
#37
Ethyl Acetate
Concen: 56.380 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	8.4	7.3	10.9

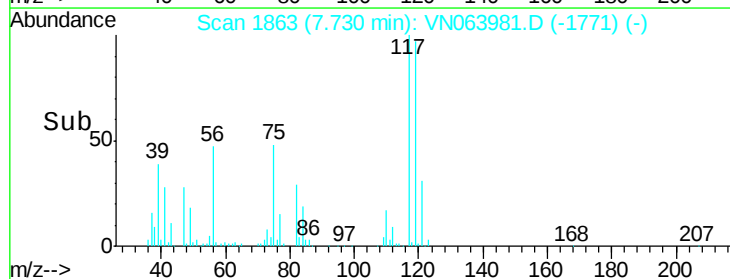
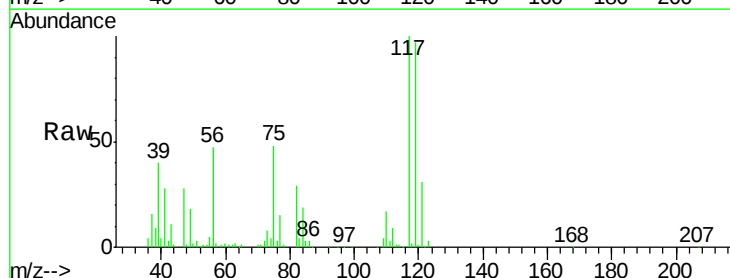
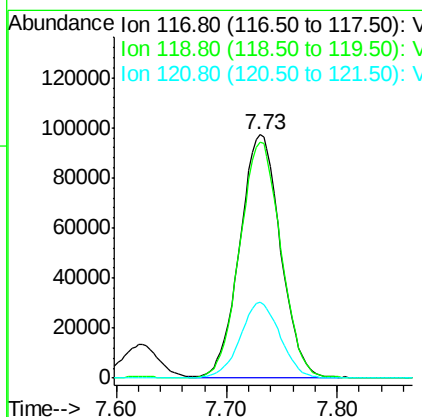
Manual Integrations
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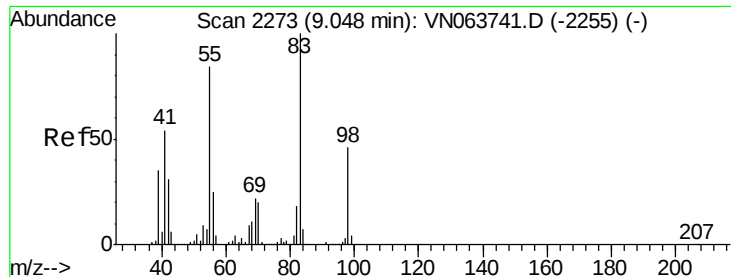
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10/9/2020 4:32:02 PM



#38
Carbon Tetrachloride
Concen: 46.669 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	80.1	120.1
121	31.3	25.7	38.5





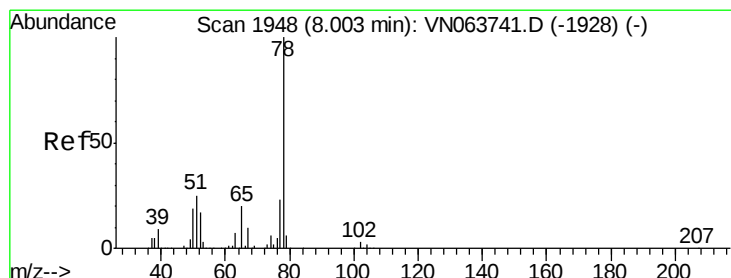
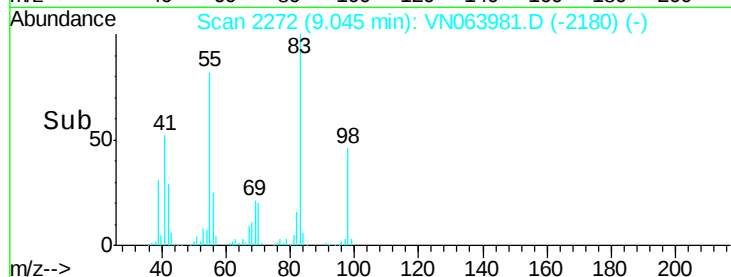
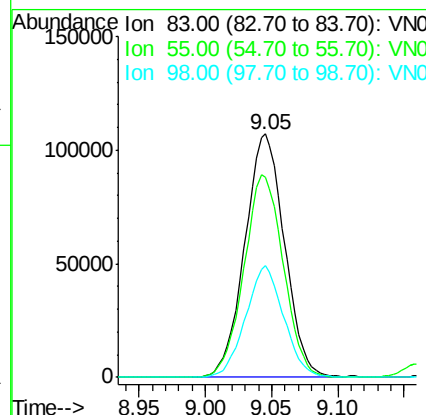
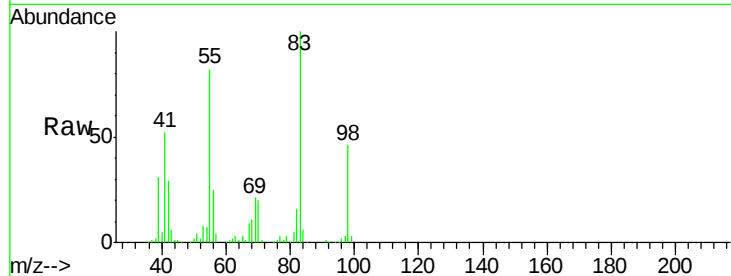
#39
Methylcyclohexane
Concen: 47.349 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	223478		
55	82.4	67.1	100.7	
98	45.7	36.6	54.8	

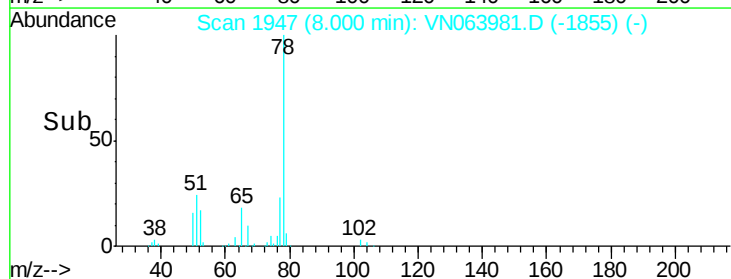
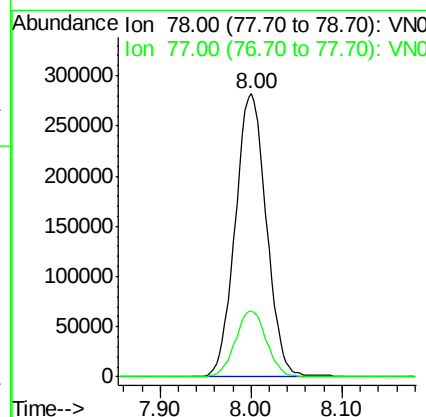
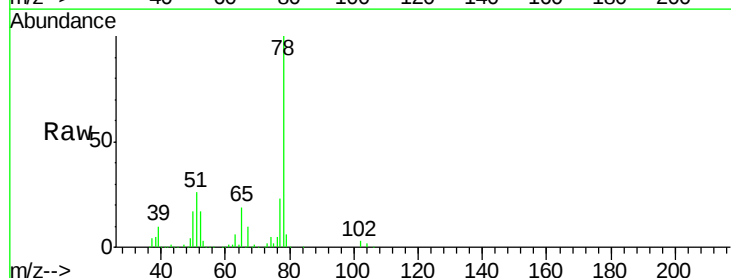
Manual Integrations
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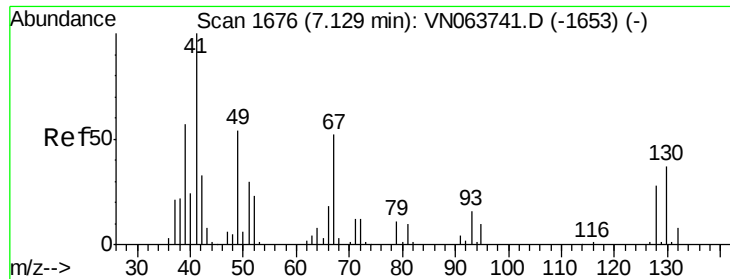
MMDadoda
10/9/2020 4:32:02 PM



#40
Benzene
Concen: 49.655 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	671254		
77	23.4	18.7	28.1	





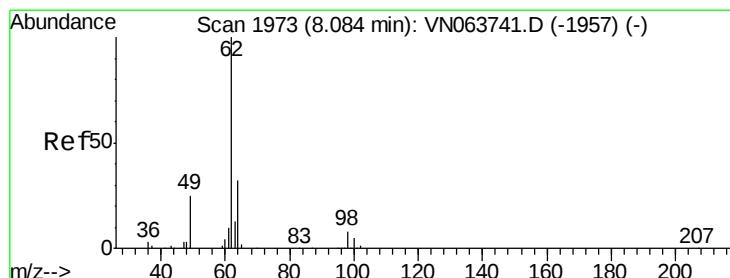
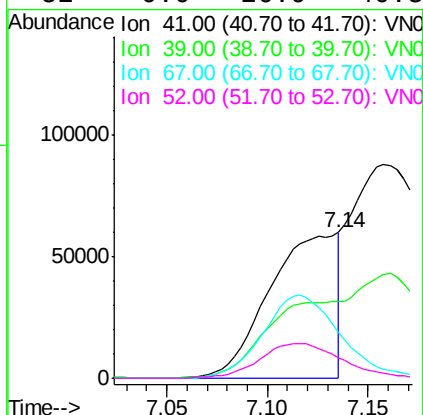
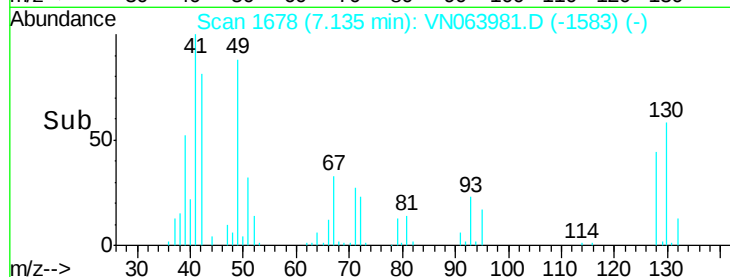
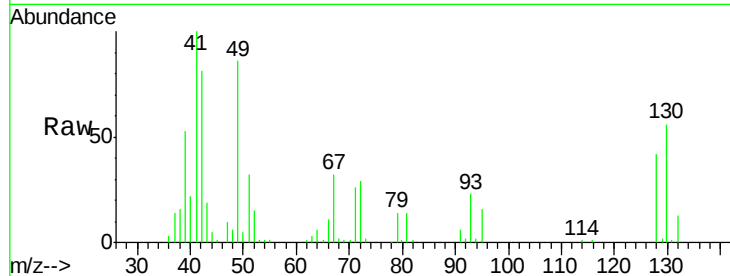
#41
Methacrylonitrile
Concen: 67.573 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. 0.01 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	138.9	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

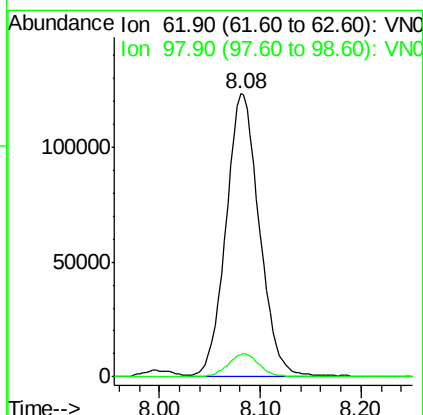
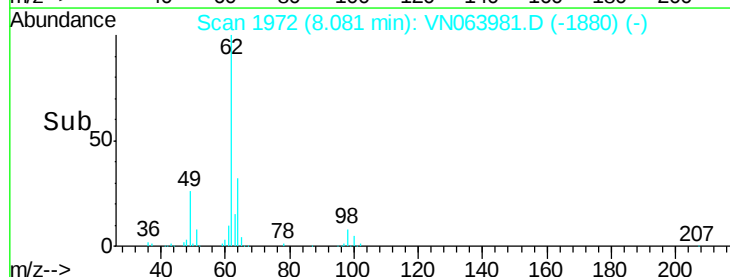
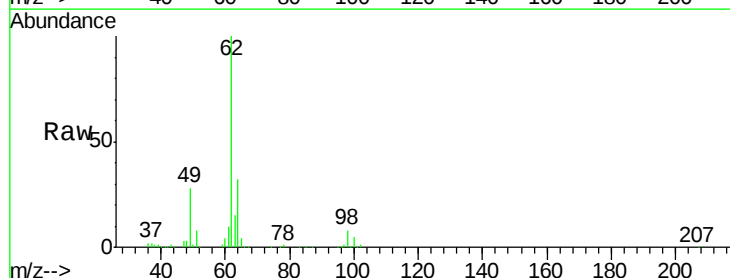
Manual Integrations
APPROVED

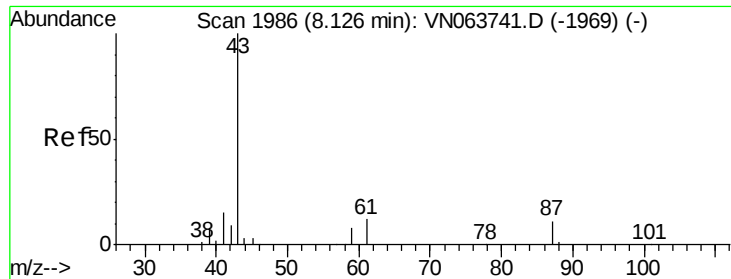
MMDadoda
10/9/2020 4:32:02 PM



#42
1,2-Dichloroethane
Concen: 48.786 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.0





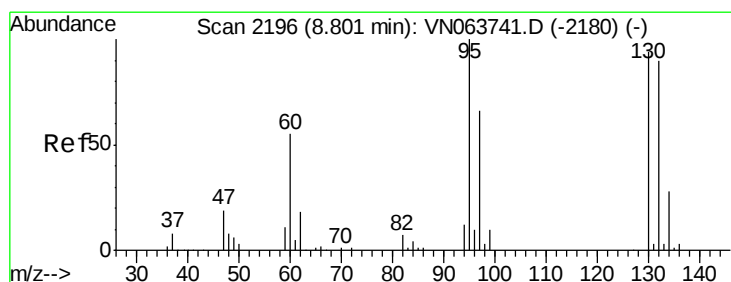
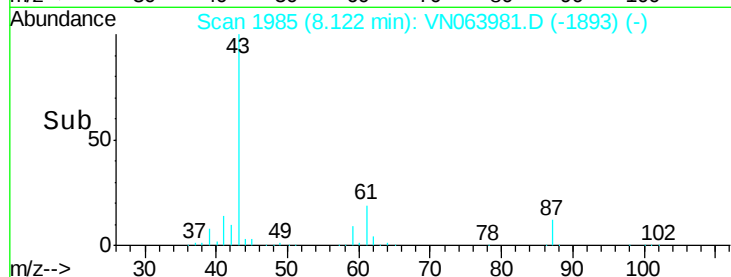
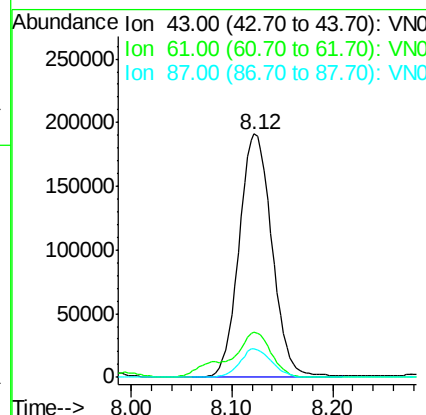
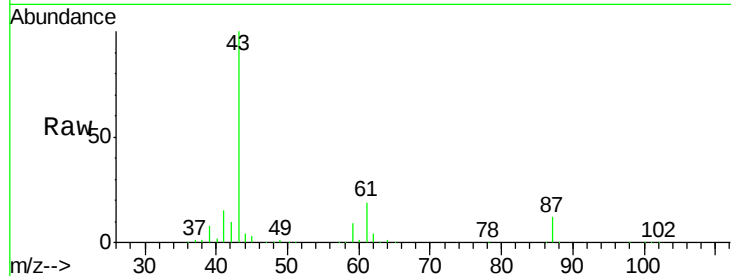
#43
Isopropyl Acetate
Concen: 55.530 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.4	14.2	21.4#
87	11.4	9.0	13.6

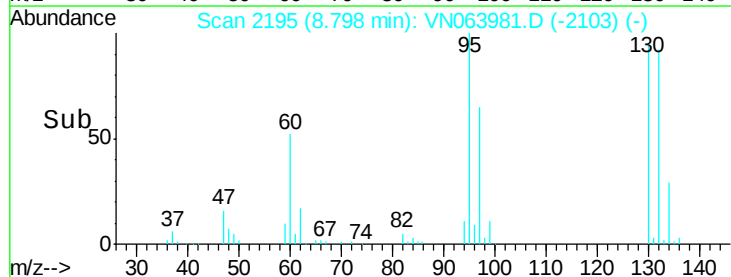
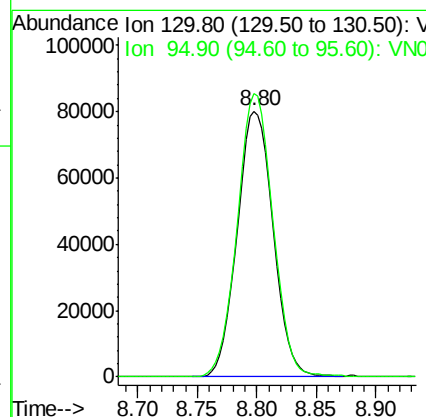
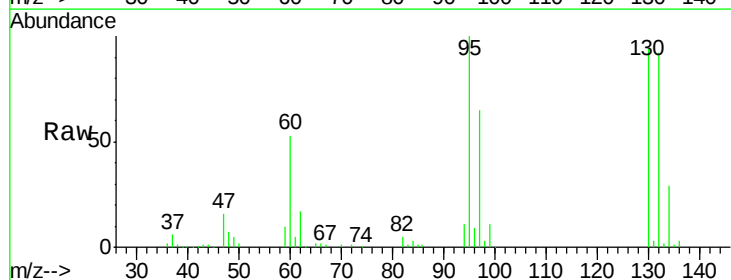
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#44
Trichloroethene
Concen: 47.416 ug/l
RT: 8.80 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	213.6





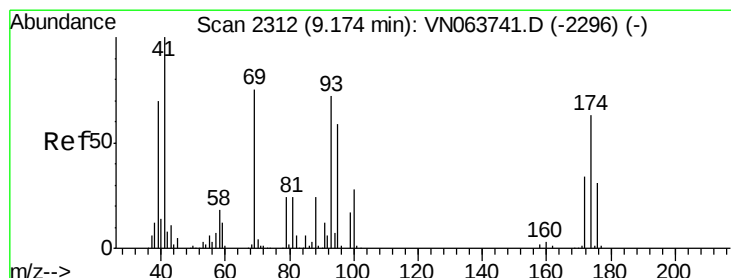
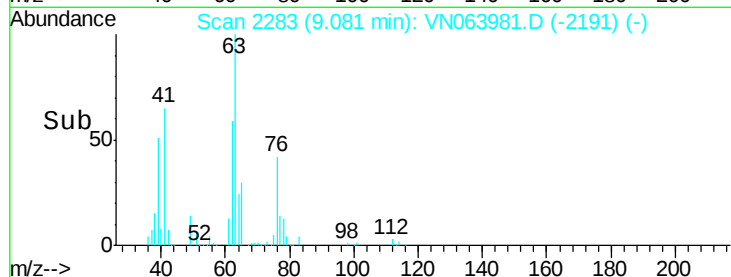
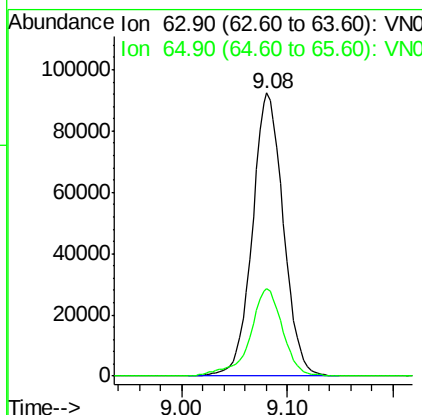
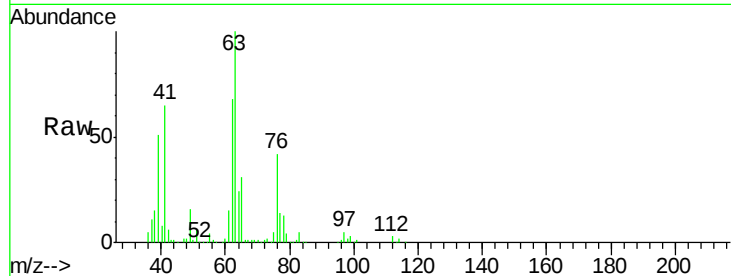
#45
 1,2-Dichloropropane
 Concen: 51.846 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 189281
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1

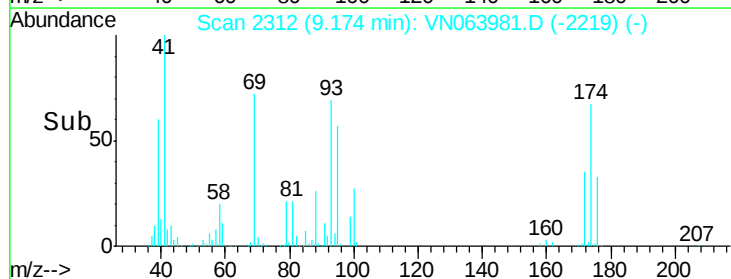
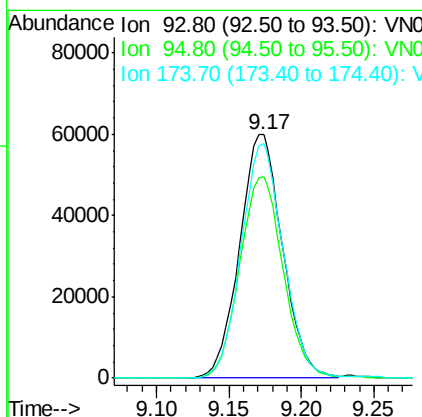
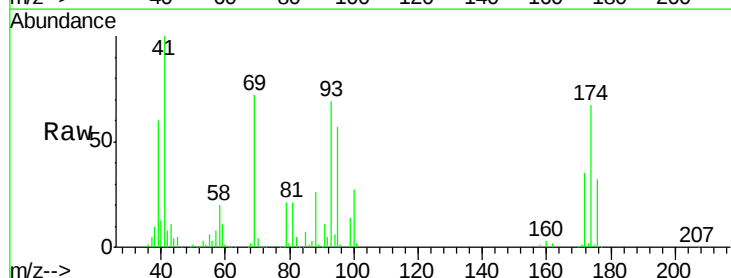
Manual Integrations
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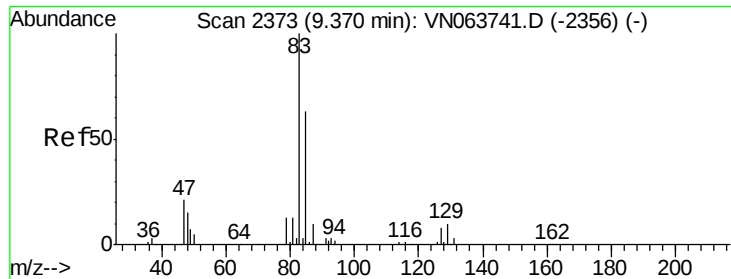
MMDadoda
 10/9/2020 4:32:02 PM



#46
 Dibromomethane
 Concen: 49.059 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion: 93 Resp: 123557
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.3 99.5
 174 94.9 72.7 109.1





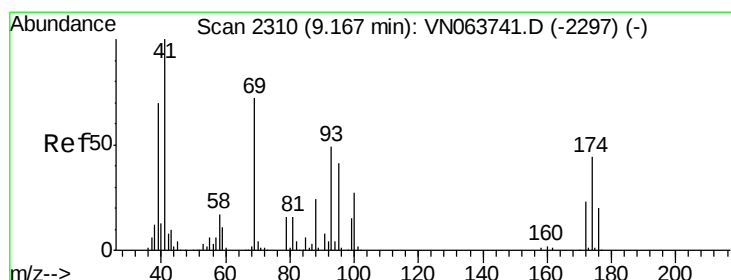
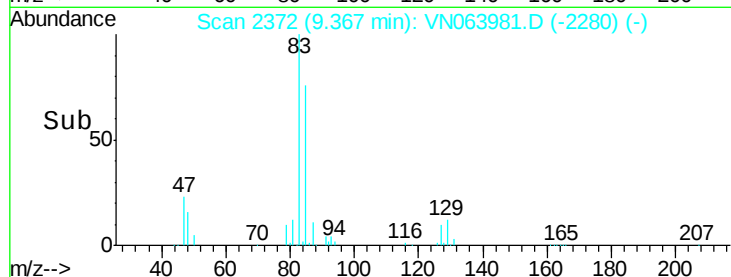
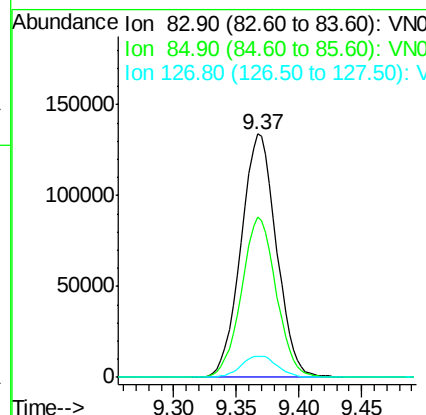
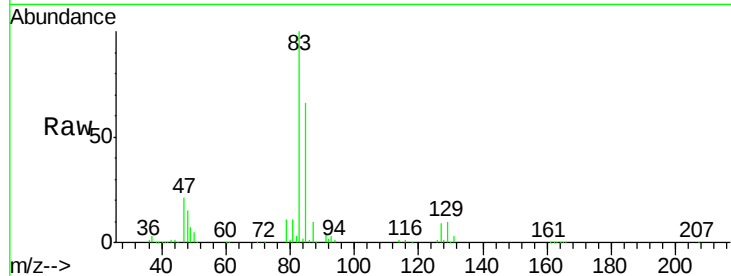
#47
Bromodichloromethane
Concen: 50.768 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.6	75.8
127	8.8	6.6	9.8

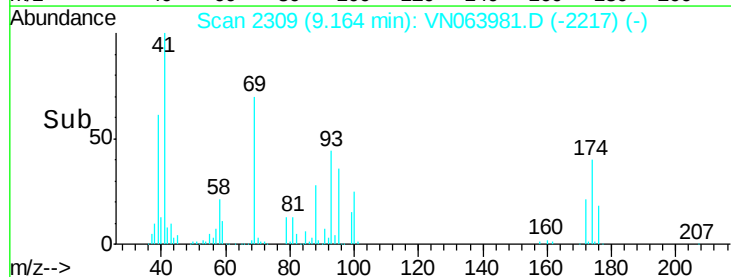
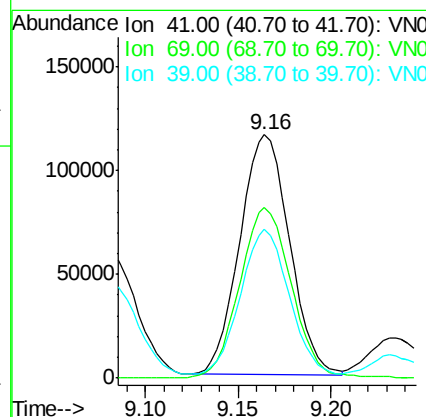
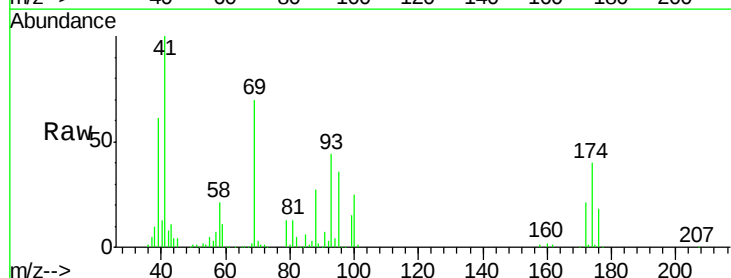
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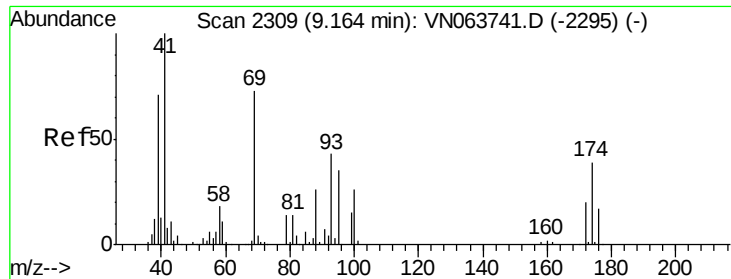
MMDadoda
10/9/2020 4:32:02 PM



#48
Methyl methacrylate
Concen: 56.202 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.1	60.9	91.3
39	61.9	57.5	86.3





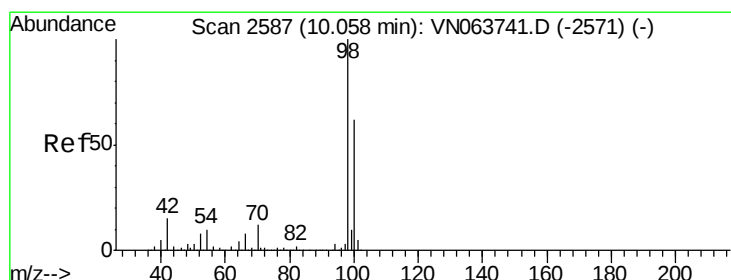
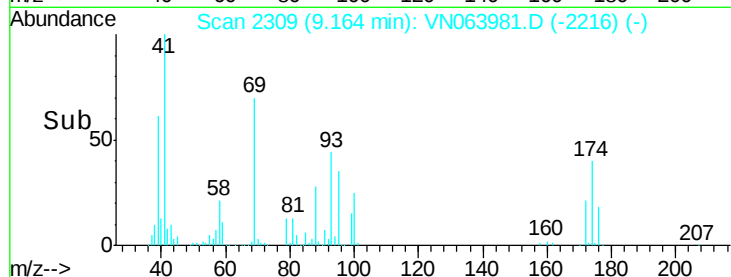
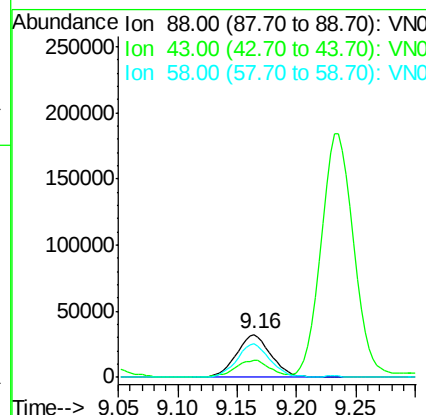
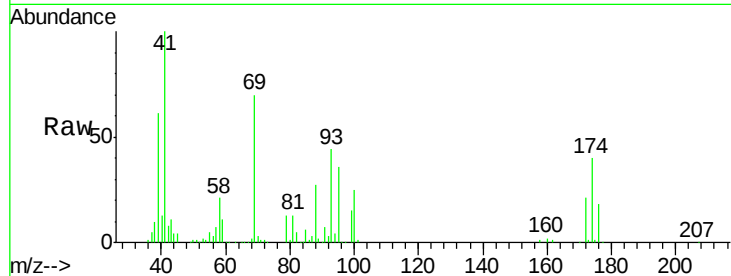
#49
1,4-Dioxane
Concen: 1205.109 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 65631
Ion Ratio Lower Upper
88 100
43 37.8 33.1 49.7
58 75.4 58.9 88.3

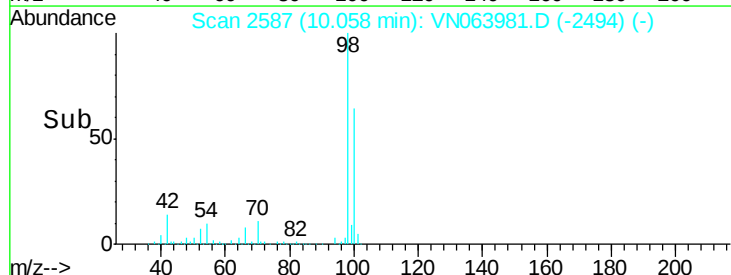
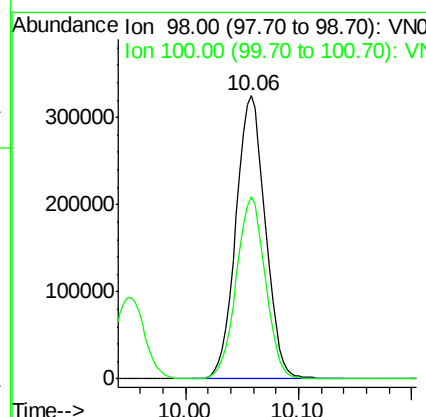
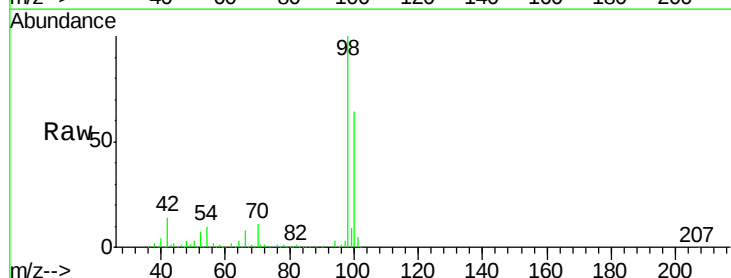
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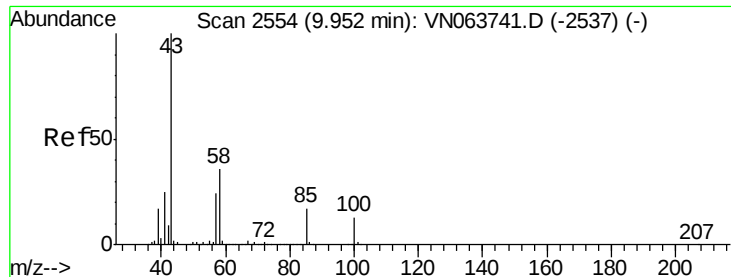
MMDadoda
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#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 98 Resp: 590128
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.6





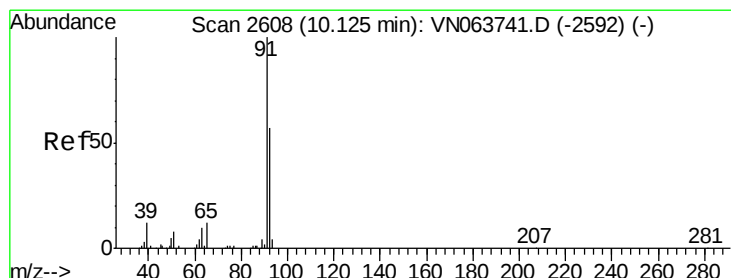
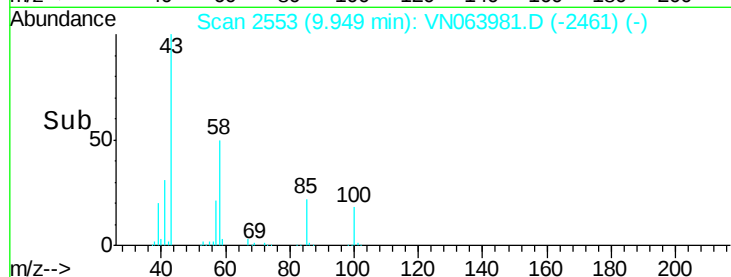
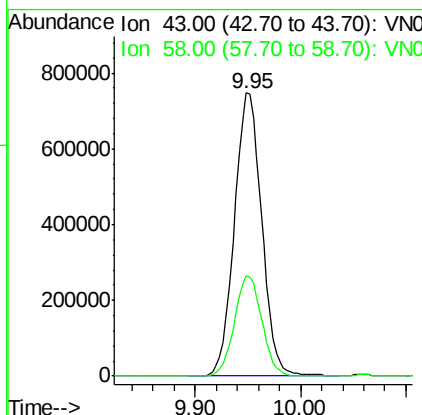
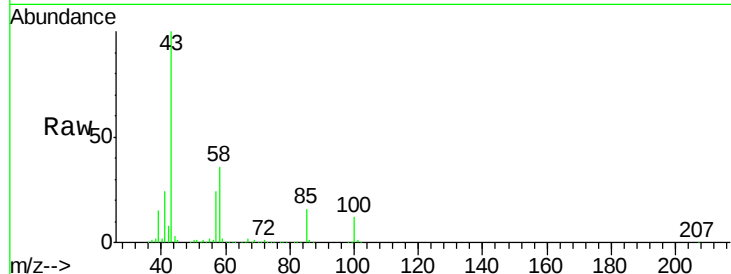
#51
 4-Methyl-2-Pentanone
 Concen: 294.408 ug/l
 RT: 9.95 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1340023
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.4 42.6

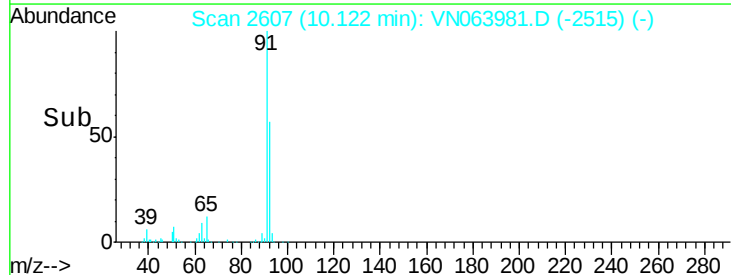
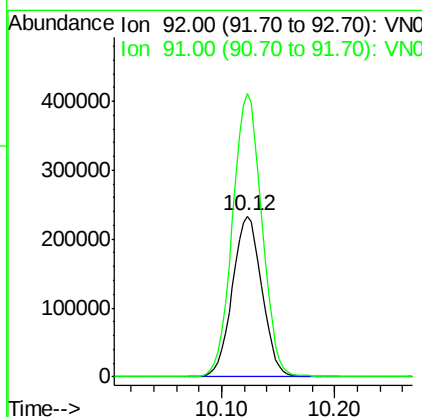
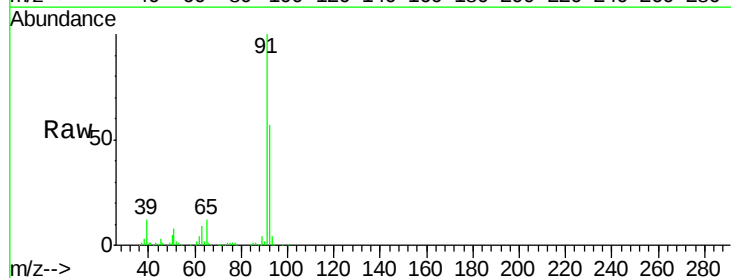
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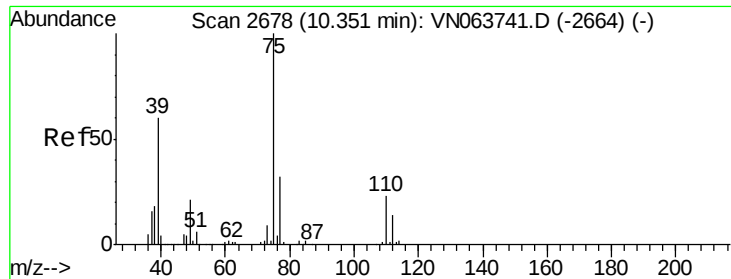
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#52
 Toluene
 Concen: 50.726 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion: 92 Resp: 424151
 Ion Ratio Lower Upper
 92 100
 91 175.1 140.6 210.8





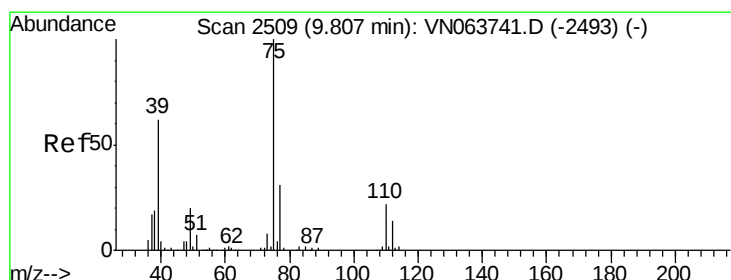
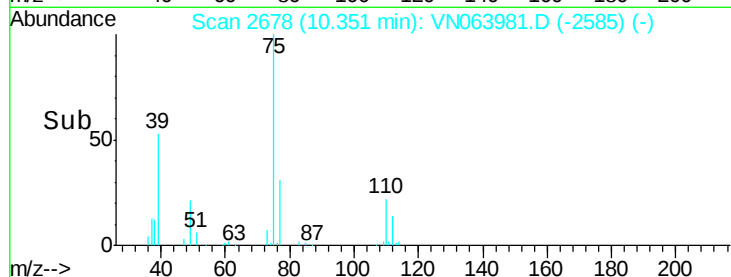
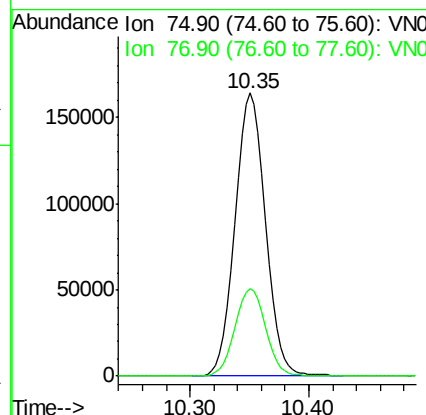
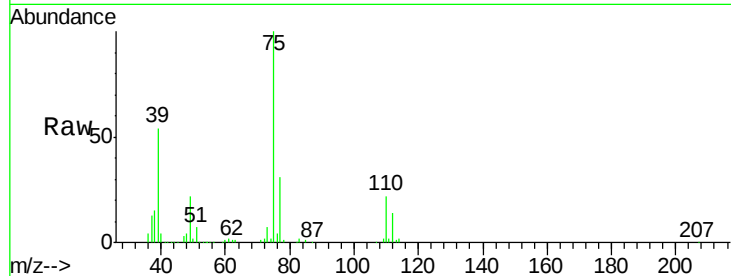
#53
t-1,3-Dichloropropene
Concen: 52.383 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 291457
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9

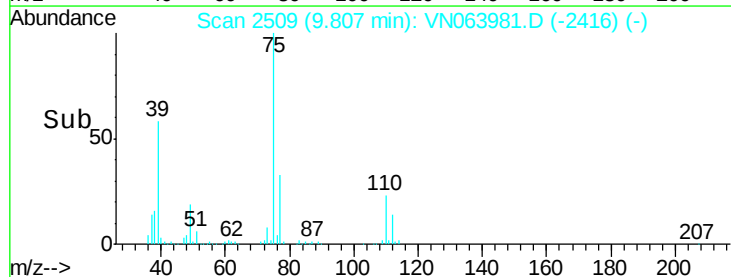
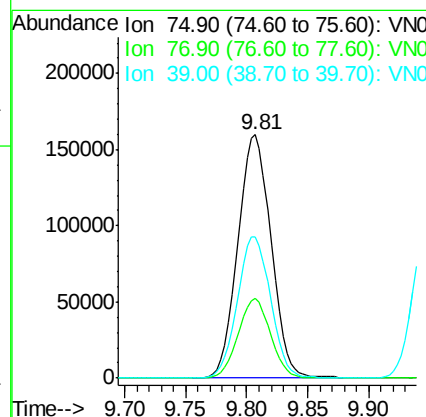
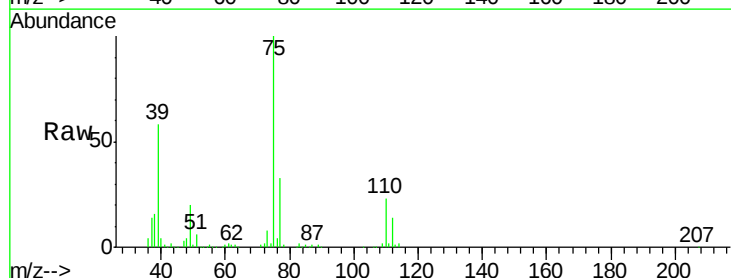
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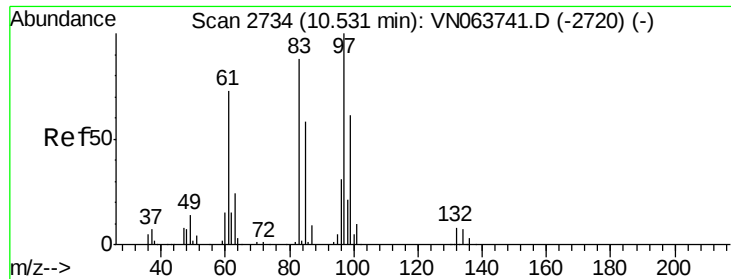
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#54
cis-1,3-Dichloropropene
Concen: 51.876 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 75 Resp: 301865
Ion Ratio Lower Upper
75 100
77 32.7 24.6 36.8
39 57.9 49.7 74.5





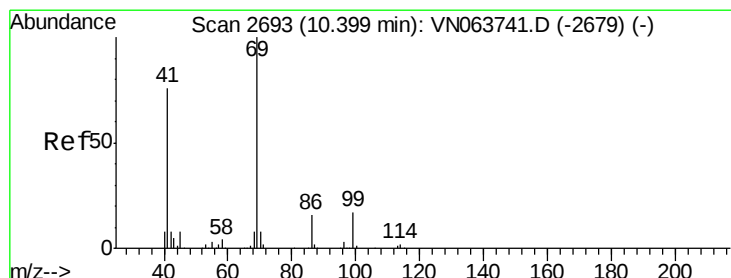
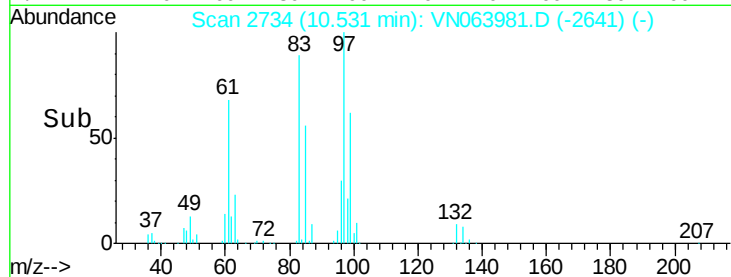
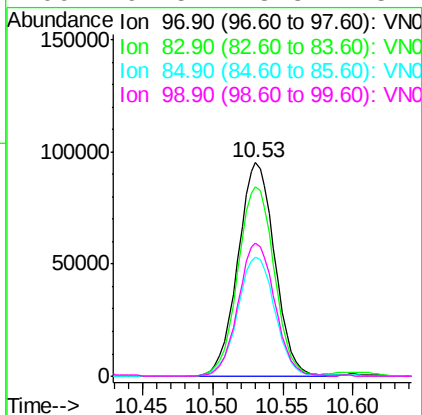
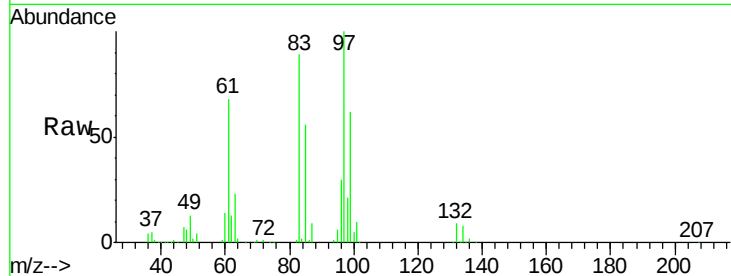
#55
 1,1,2-Trichloroethane
 Concen: 52.085 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	174653
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.7	106.1
85	55.9	46.1	69.1
99	62.5	48.8	73.2

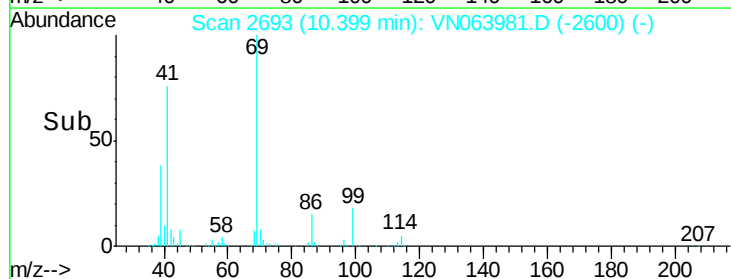
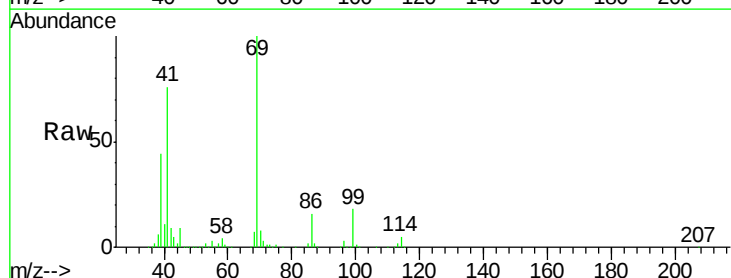
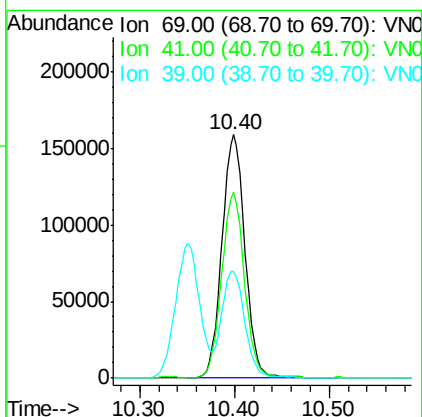
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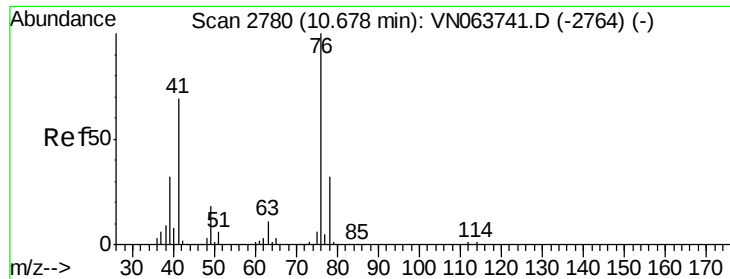
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#56
 Ethyl methacrylate
 Concen: 56.650 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion:	69	Resp:	269264
Ion	Ratio	Lower	Upper
69	100		
41	75.0	61.1	91.7
39	43.7	42.2	63.4





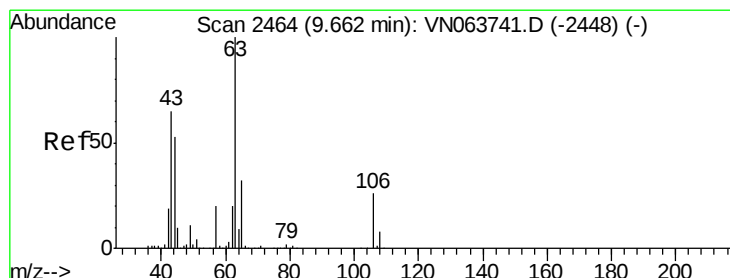
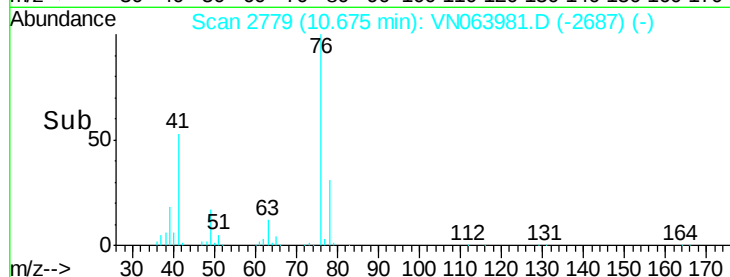
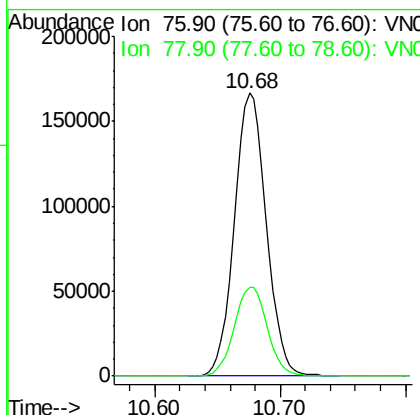
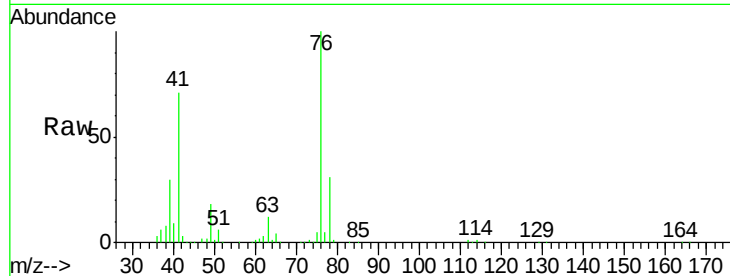
#57
 1,3-Dichloropropane
 Concen: 51.989 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 294939
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8

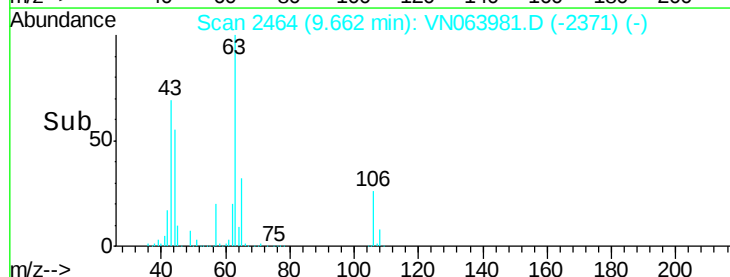
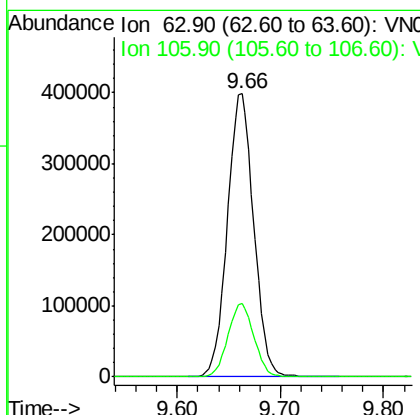
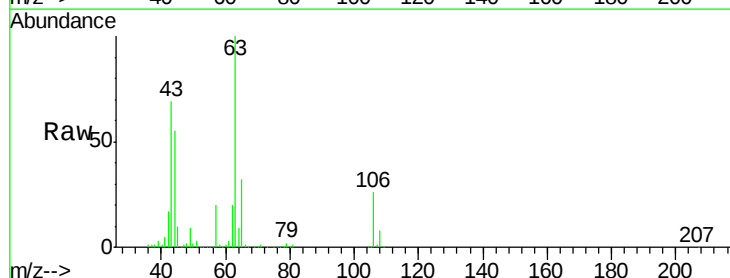
Manual Integrations
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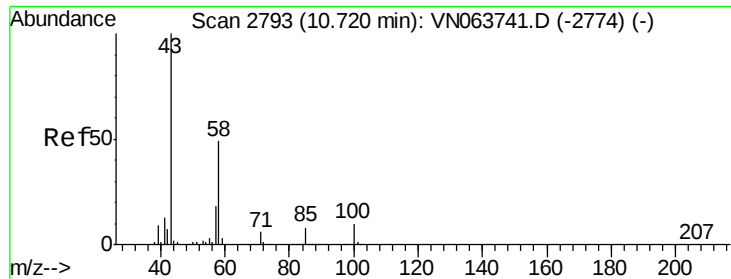
MMDadoda
 10/9/2020 4:32:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.037 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion: 63 Resp: 709447
 Ion Ratio Lower Upper
 63 100
 106 25.7 20.7 31.1





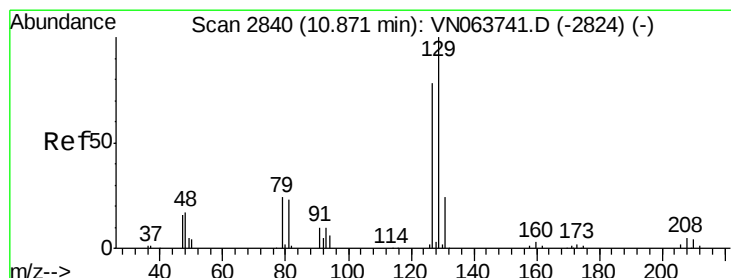
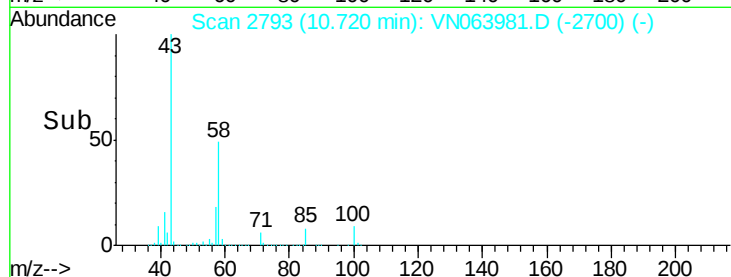
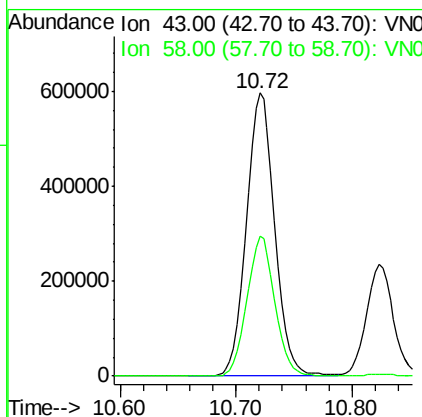
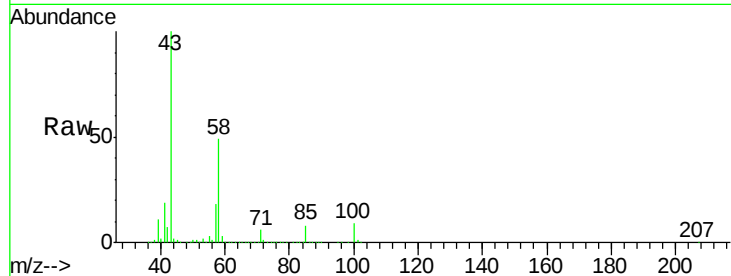
#59
2-Hexanone
Concen: 298.907 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1010666
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.8

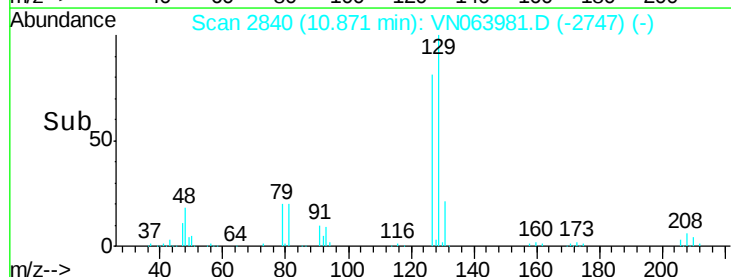
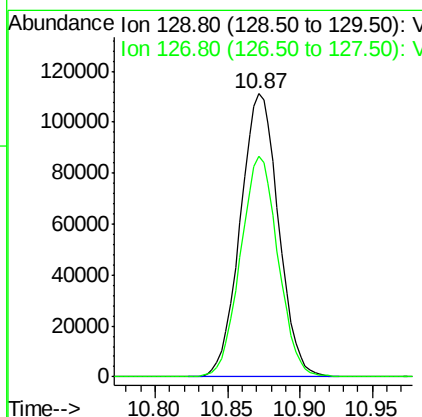
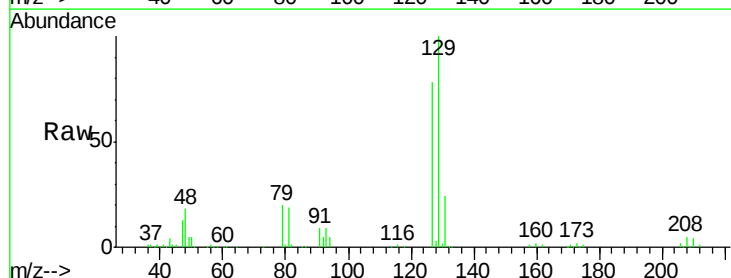
Manual Integrations
APPROVED

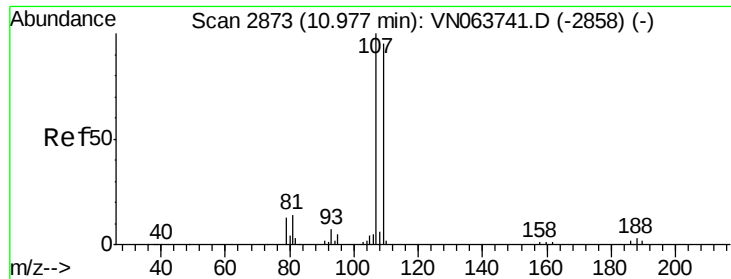
MMDadoda
10/9/2020 4:32:02 PM



#60
Dibromochloromethane
Concen: 52.192 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 129 Resp: 203819
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





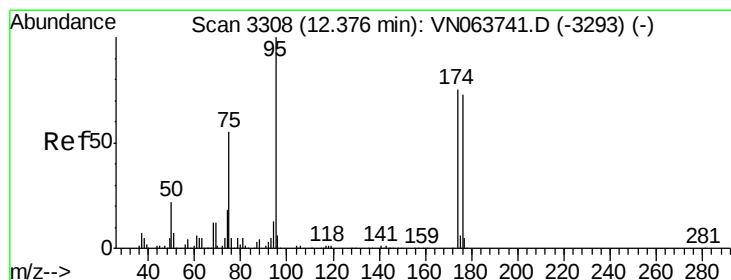
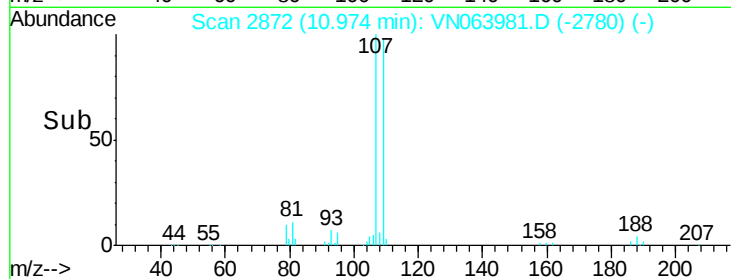
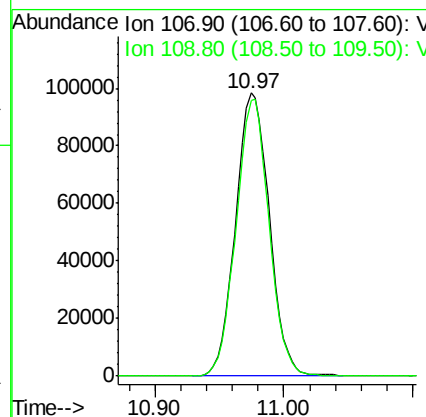
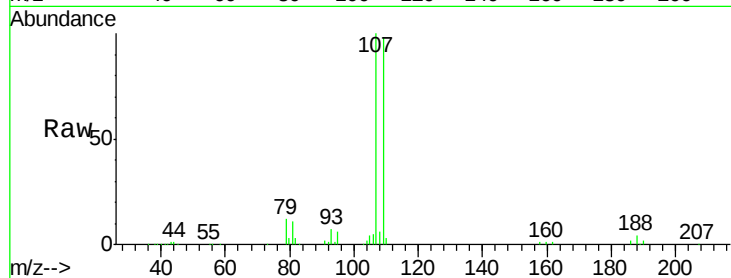
#61
 1,2-Dibromoethane
 Concen: 52.249 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 179222
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.8 112.2

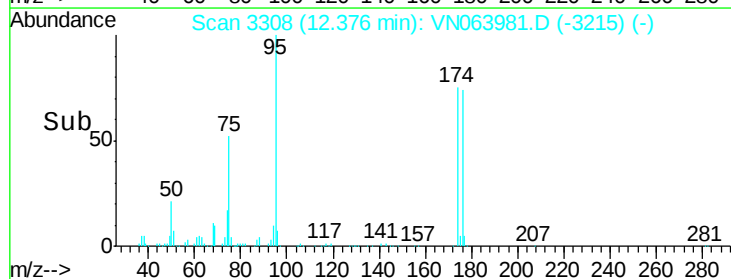
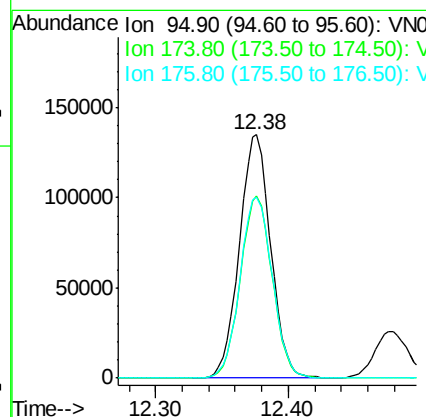
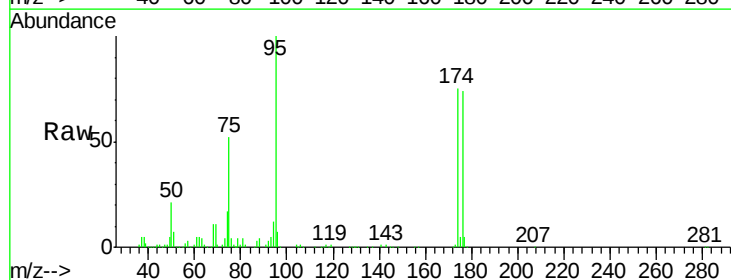
Manual Integrations
 APPROVED

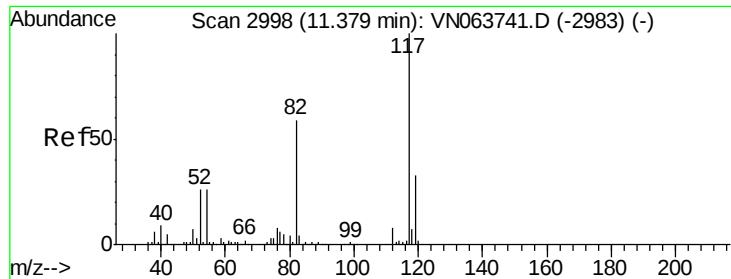
MMDadoda
 10/9/2020 4:32:02 PM



#62
 4-Bromofluorobenzene
 Concen: 48.017 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion: 95 Resp: 221809
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 150.6
 176 76.9 0.0 145.4





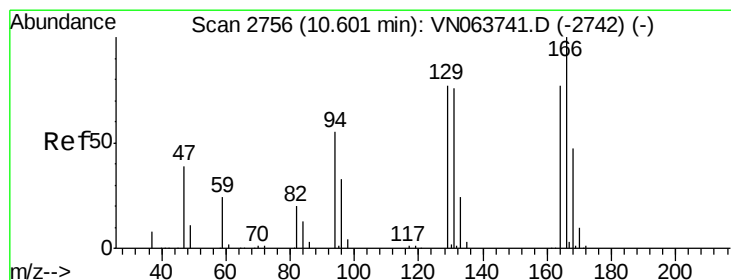
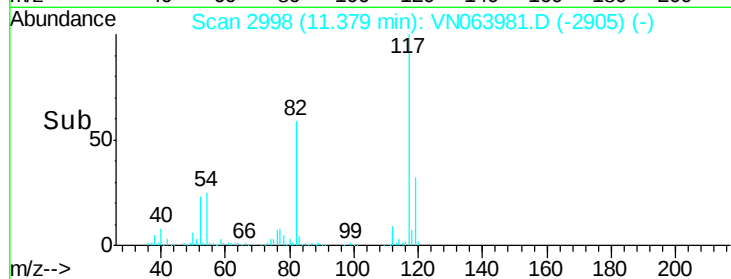
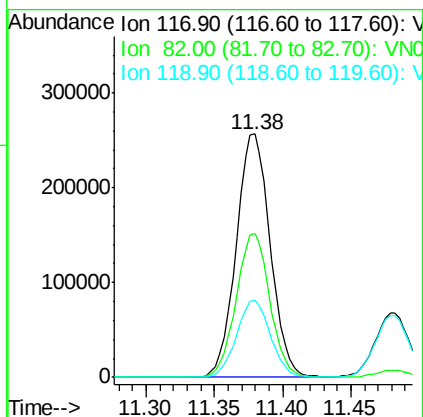
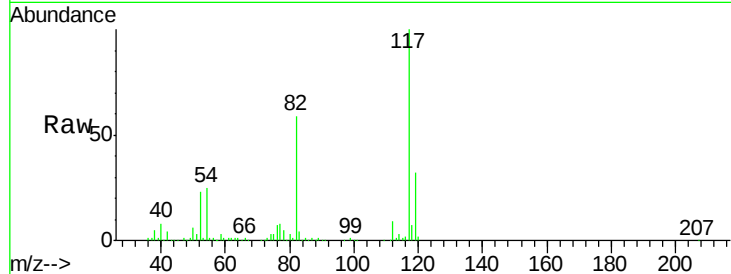
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	444307		
82	59.2	47.4	71.2	
119	31.7	26.4	39.6	

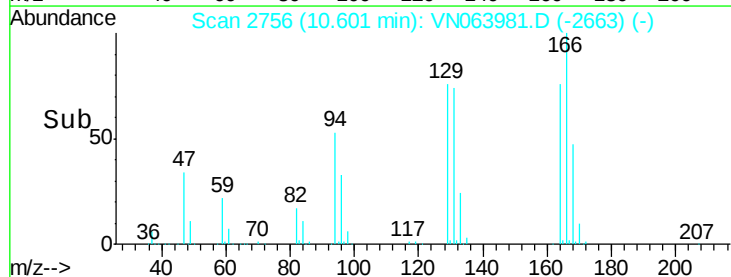
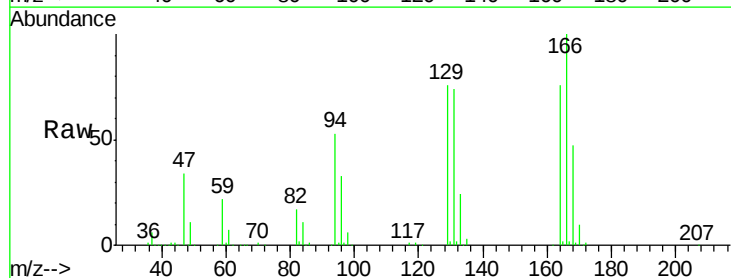
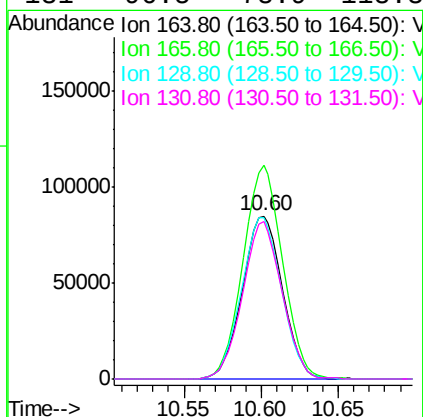
Manual Integrations
APPROVED

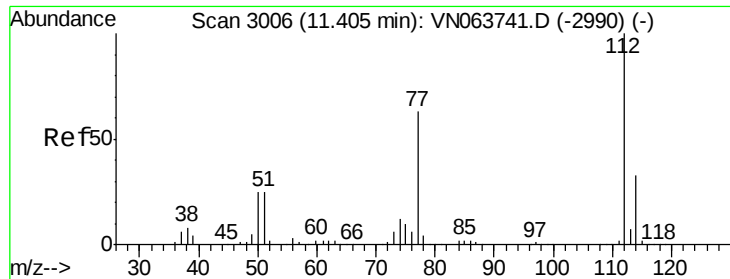
MMDadoda
10/9/2020 4:32:02 PM



#64
Tetrachloroethene
Concen: 44.584 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153256		
166	130.9	103.9	155.9	
129	98.9	80.3	120.5	
131	96.5	78.9	118.3	





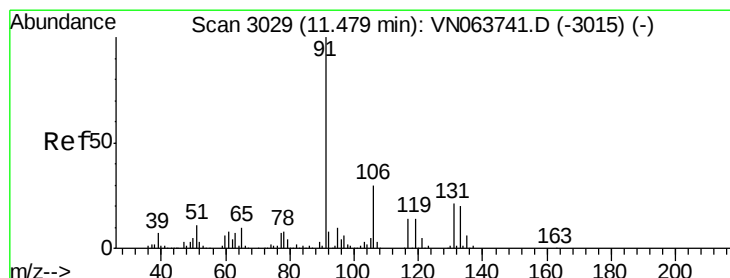
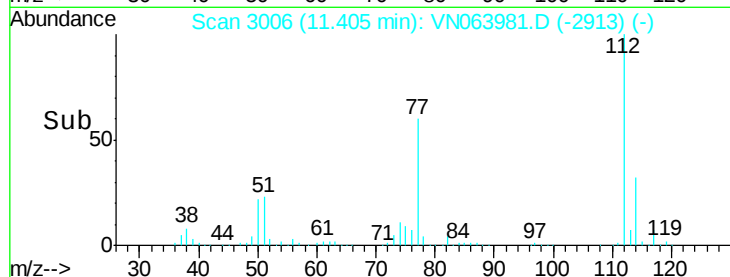
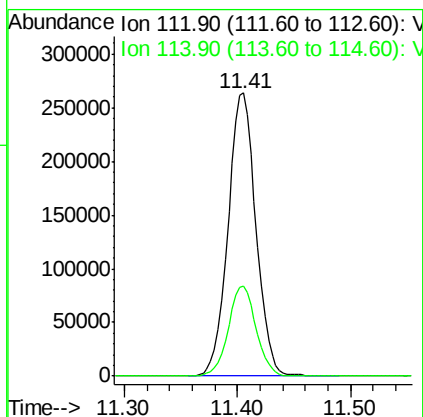
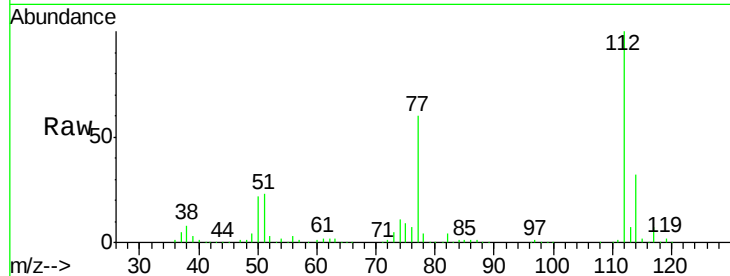
#65
Chlorobenzene
Concen: 49.618 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:112 Resp: 452224
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1

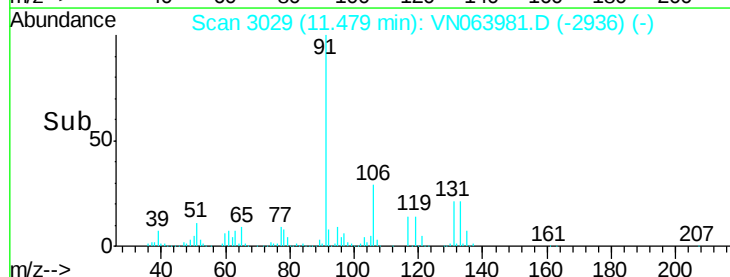
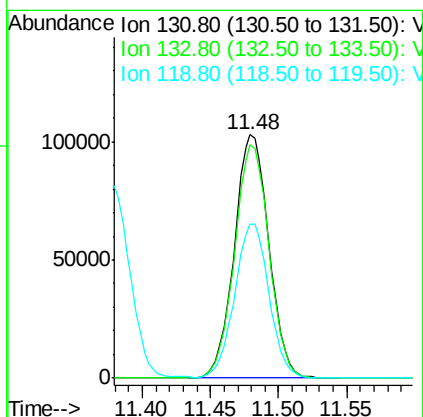
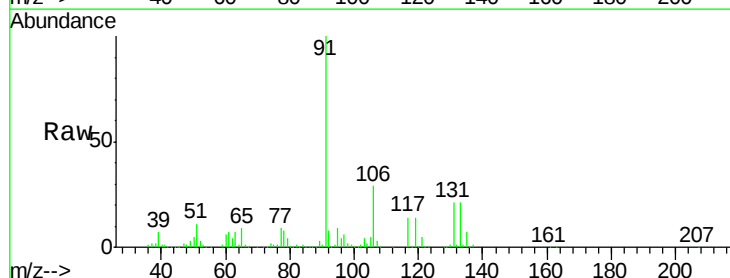
Manual Integrations
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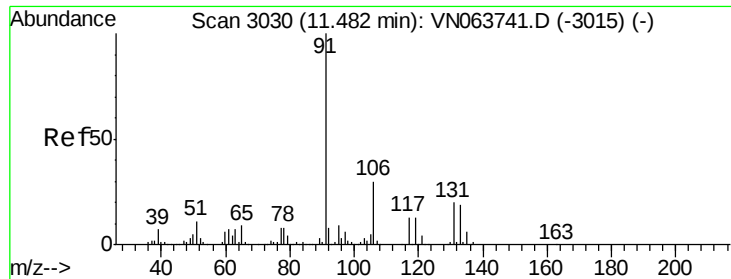
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.694 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion:131 Resp: 180625
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 63.2 32.6 97.7





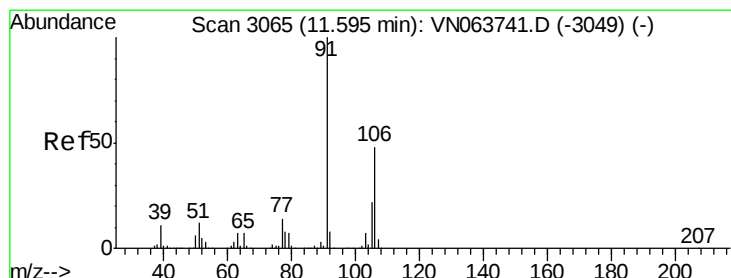
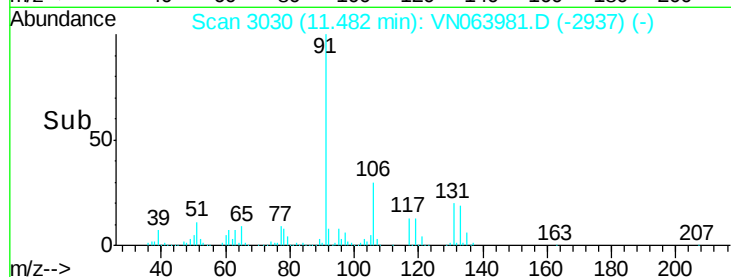
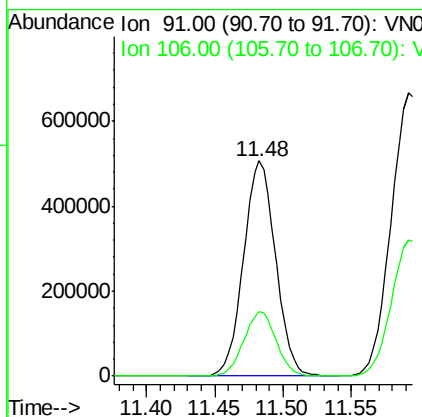
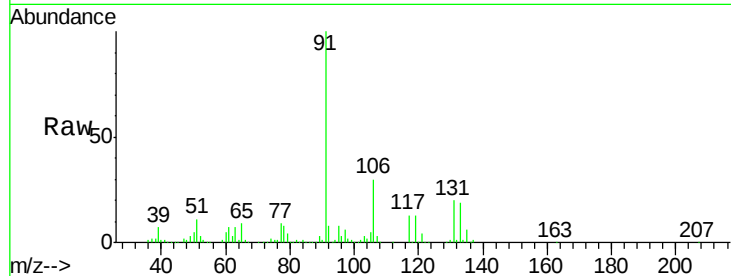
#67
Ethyl Benzene
Concen: 49.886 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 827331
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2

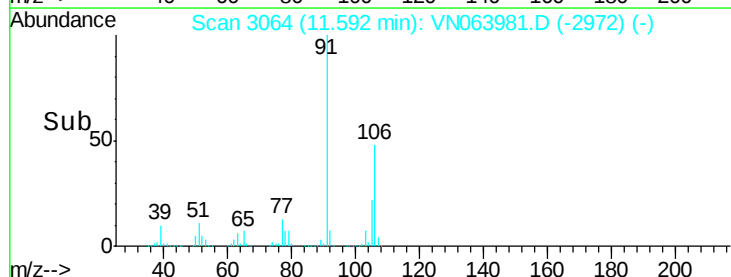
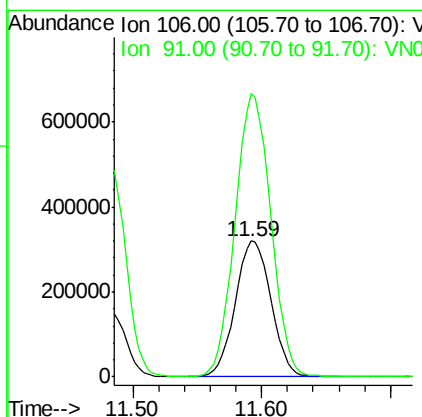
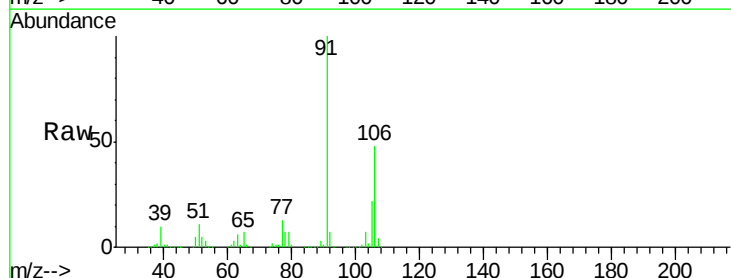
Manual Integrations
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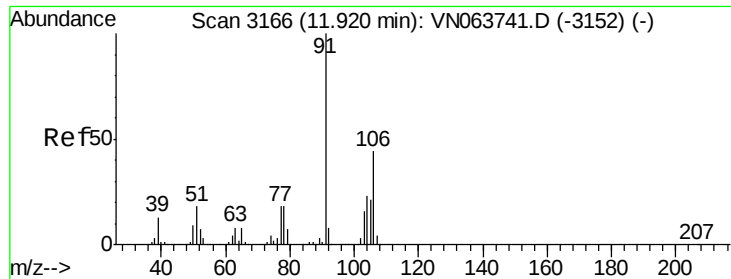
MMDadoda
10/9/2020 4:32:02 PM



#68
m/p-Xylenes
Concen: 99.411 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion: 106 Resp: 614458
Ion Ratio Lower Upper
106 100
91 209.5 168.0 252.0





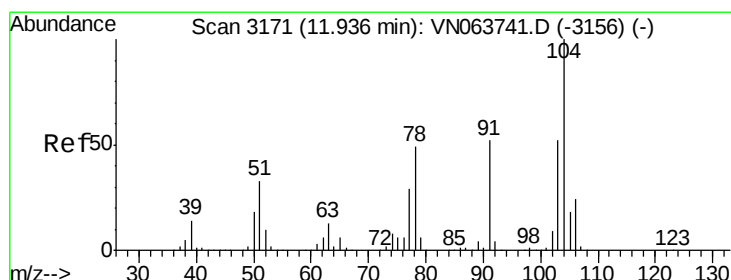
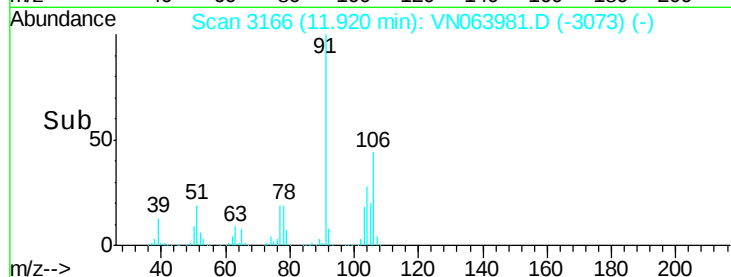
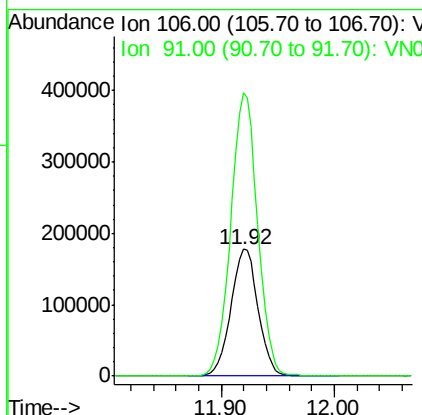
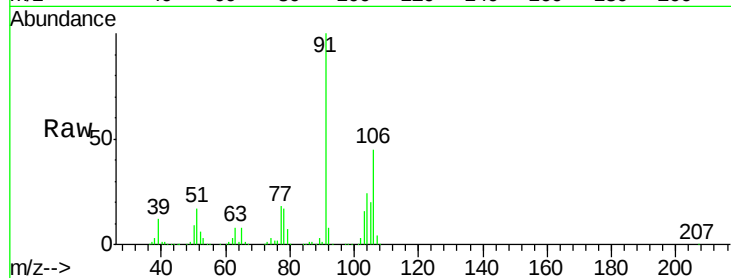
#69
o-Xylene
Concen: 51.413 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 297022
Ion Ratio Lower Upper
106 100
91 220.6 112.7 338.0

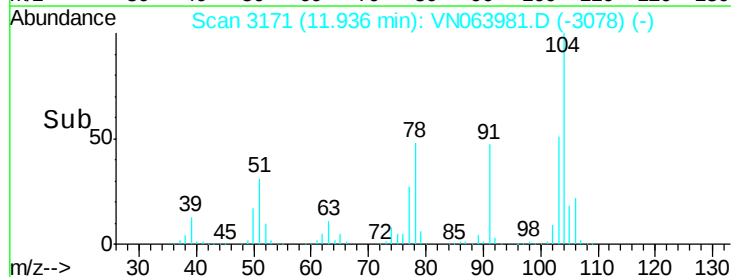
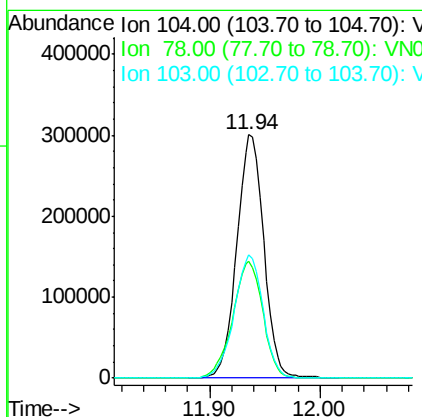
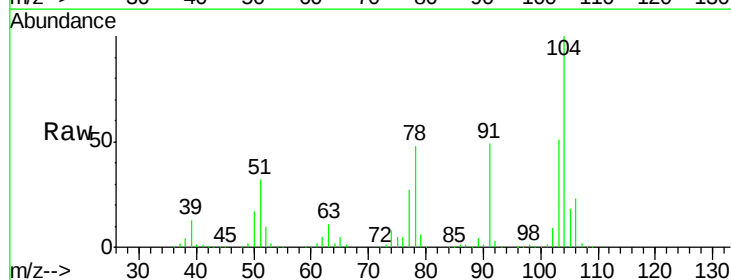
Manual Integrations
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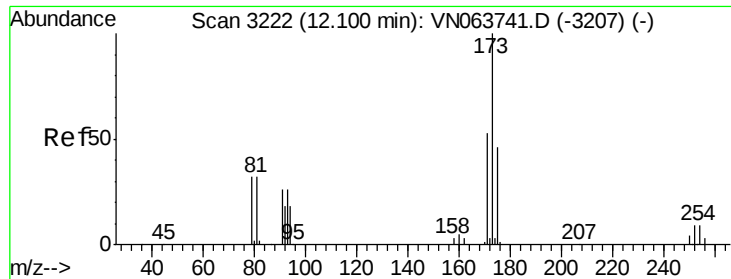
MMDadoda
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#70
Styrene
Concen: 52.234 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion:104 Resp: 512231
Ion Ratio Lower Upper
104 100
78 53.3 44.1 66.1
103 54.1 44.3 66.5





#71

Bromoform

Concen: 52.827 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 141172

Ion Ratio Lower Upper

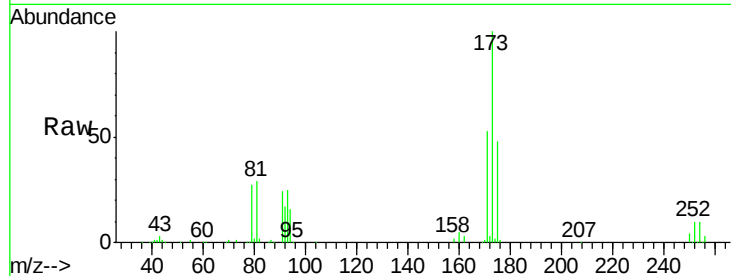
173 100

175 47.9 23.5 70.5

254 0.0 0.0 0.0#

Manual Integrations
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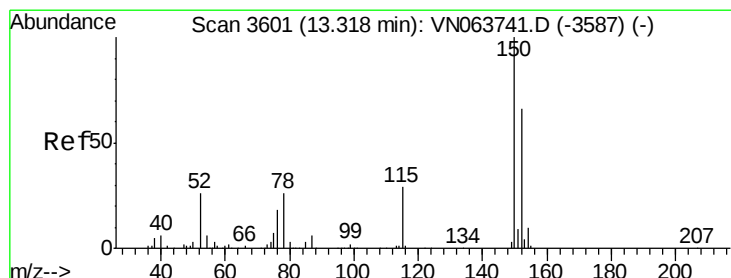
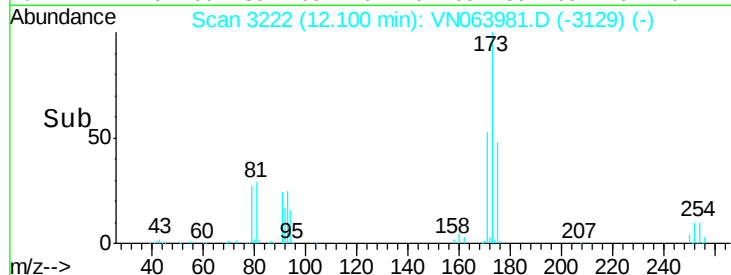
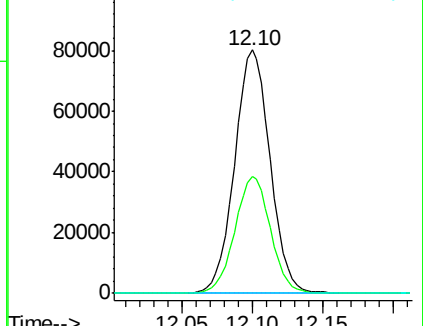
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 3600

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

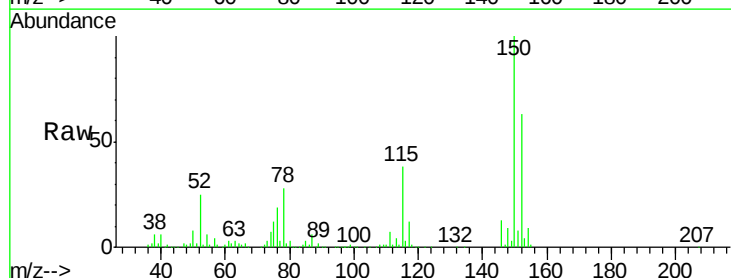
Tgt Ion:152 Resp: 216952

Ion Ratio Lower Upper

152 100

115 61.5 31.3 93.8

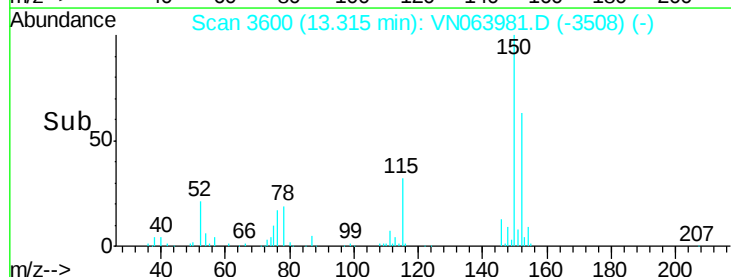
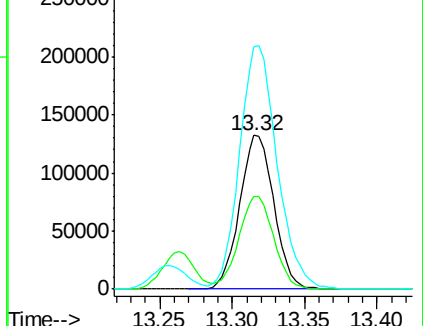
150 173.5 0.0 341.8

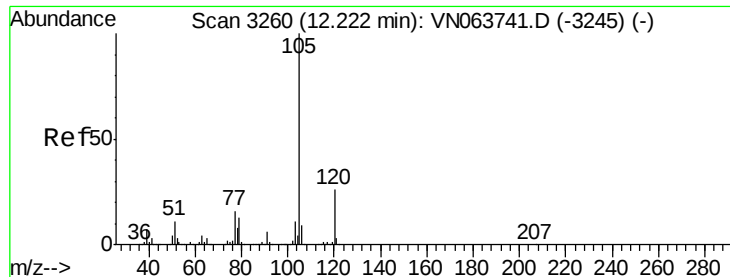


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.115 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 105 Resp: 793035

Ion Ratio Lower Upper

105 100

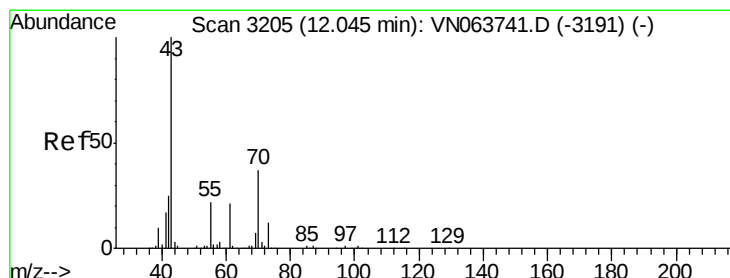
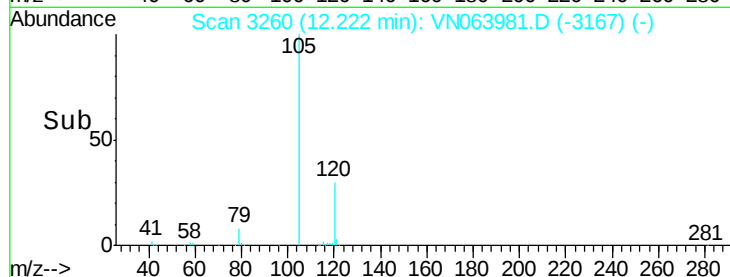
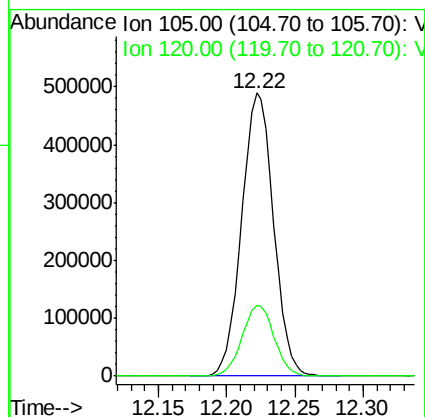
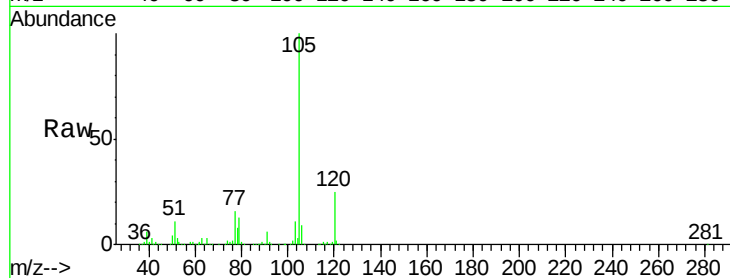
120 25.3 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.294 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Tgt Ion: 43 Resp: 377706

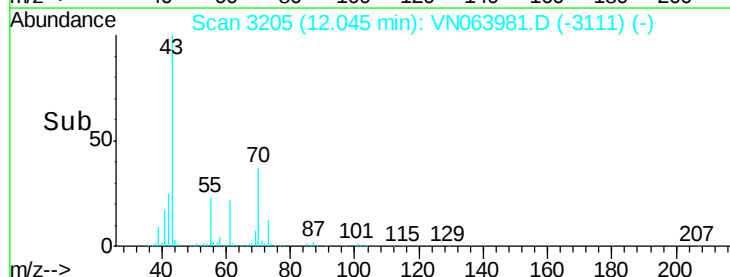
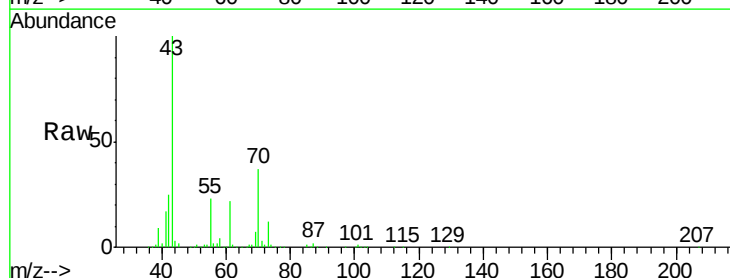
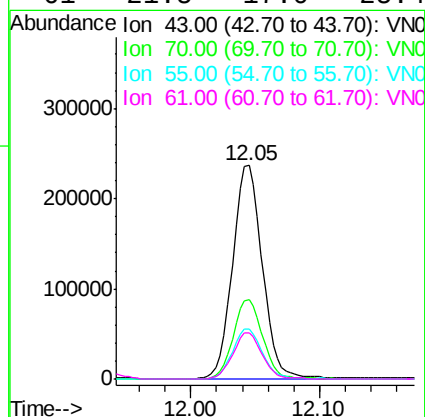
Ion Ratio Lower Upper

43 100

70 36.9 29.8 44.8

55 23.5 17.9 26.9

61 21.5 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.135 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 83 Resp: 257118
Ion Ratio Lower Upper

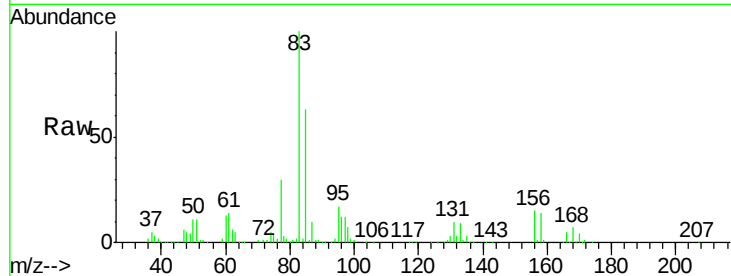
83 100

131 10.2 5.3 15.8

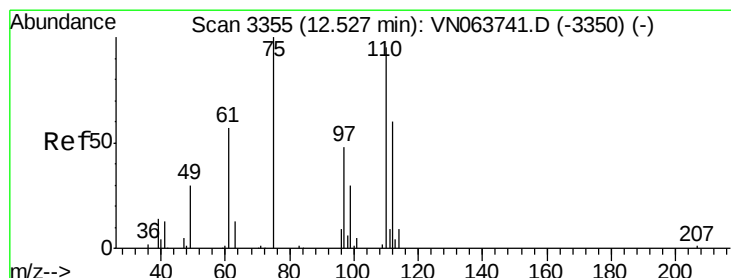
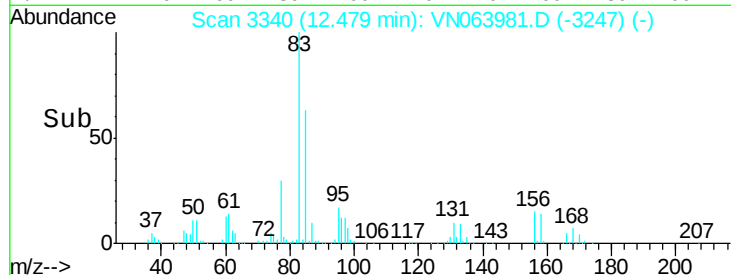
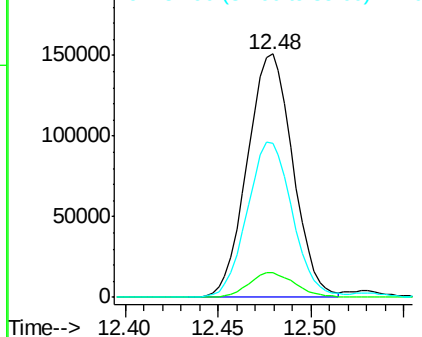
85 63.6 31.3 93.8

Manual Integrations
APPROVED

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Abundance Ion 82.90 (82.60 to 83.60): VN063981.D (-3247) (-)
Ion 130.80 (130.50 to 131.50): VN063981.D (-3247) (-)
Ion 84.90 (84.60 to 85.60): VN063981.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 50.292 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

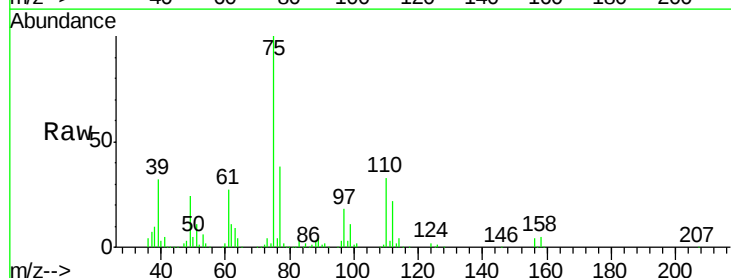
Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

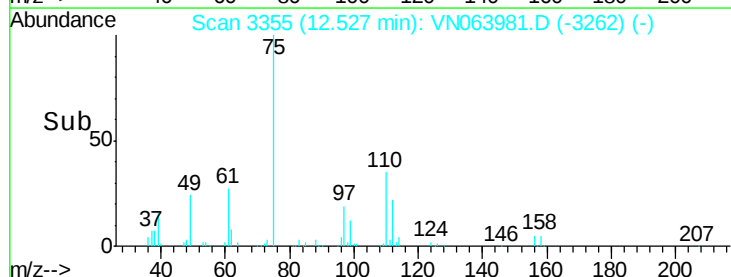
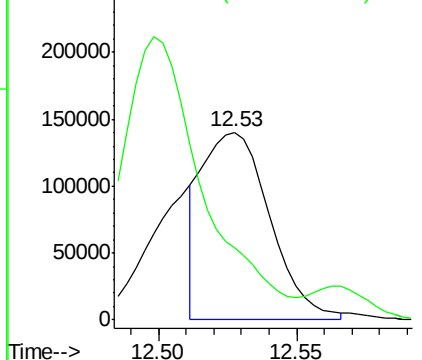
Tgt Ion: 75 Resp: 240521
Ion Ratio Lower Upper

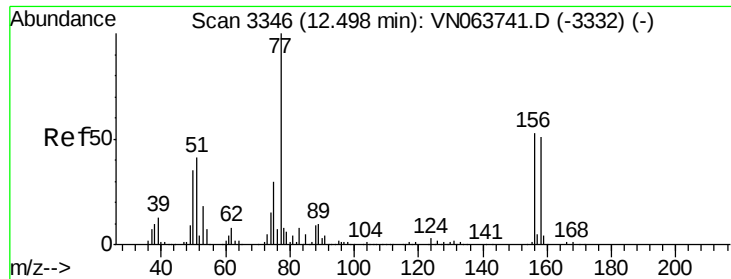
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063981.D (-3262) (-)
Ion 77.00 (76.70 to 77.70): VN063981.D (-3262) (-)





#77

Bromobenzene

Concen: 50.329 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

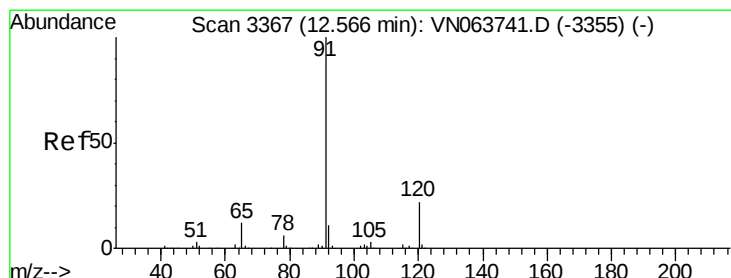
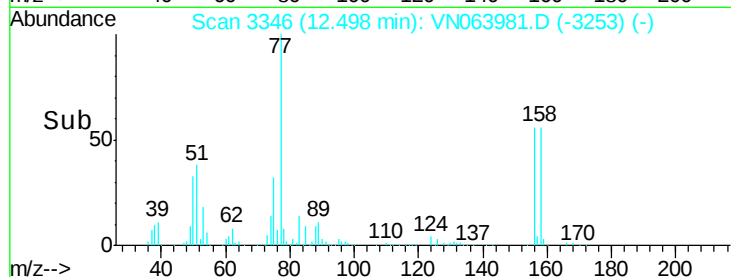
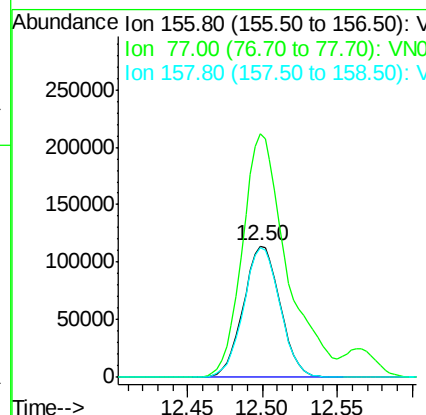
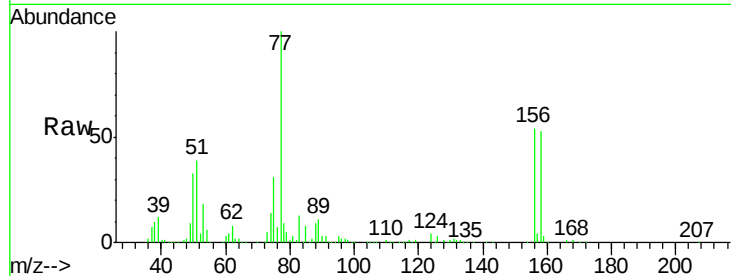
ClientSampled :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	223.7	110.9	332.7
158	98.4	47.7	143.1

Manual Integrations
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#78

n-propylbenzene

Concen: 49.424 ug/l

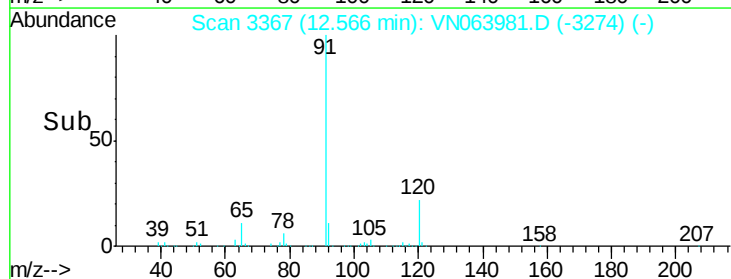
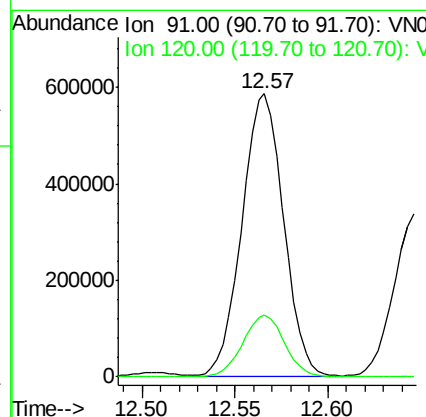
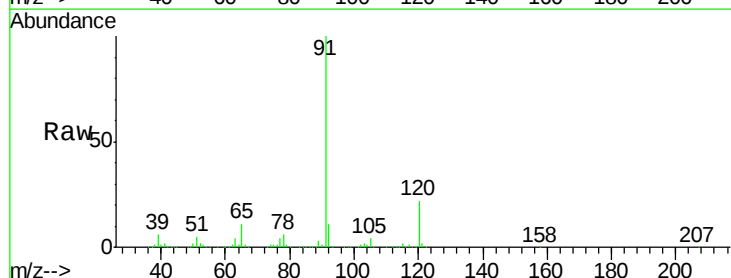
RT: 12.57 min Scan# 3367

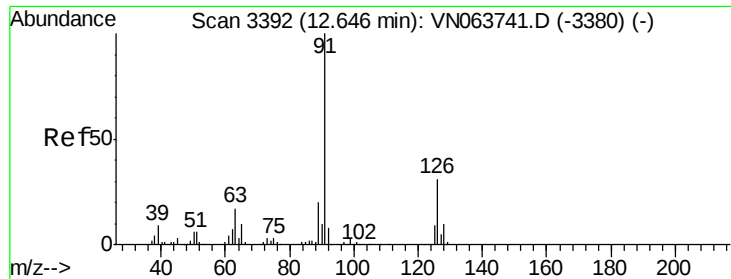
Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79

2-Chlorotoluene

Concen: 49.216 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 557437

Ion Ratio Lower Upper

91 100

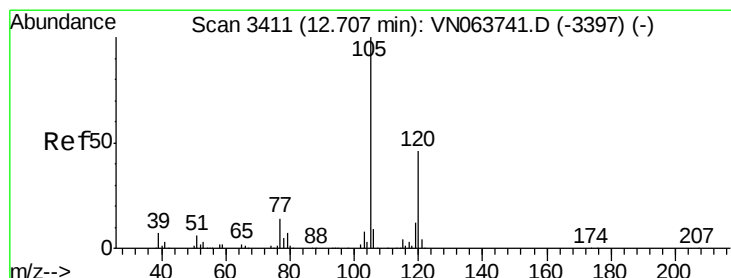
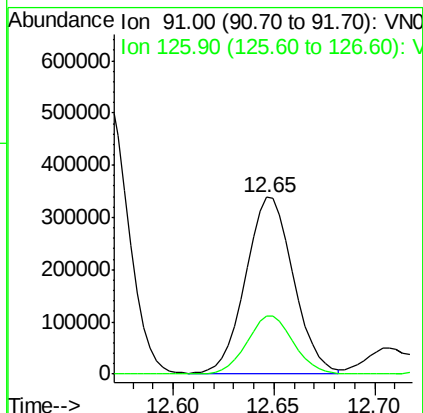
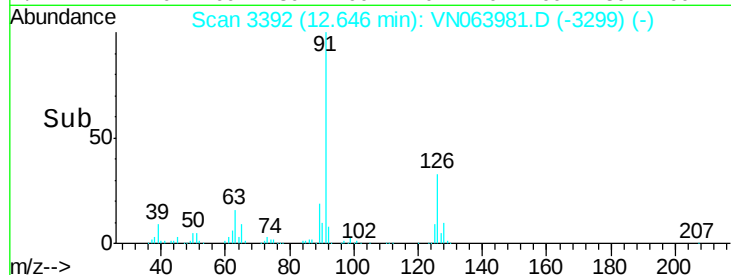
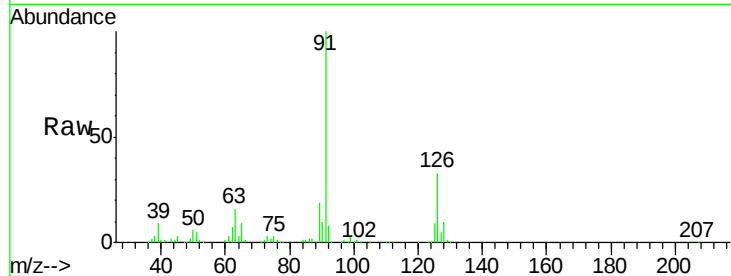
126 32.4 15.9 47.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.989 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063981.D

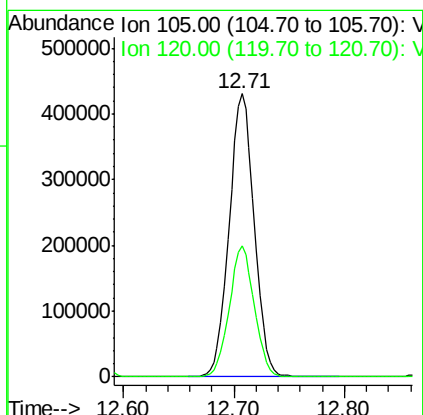
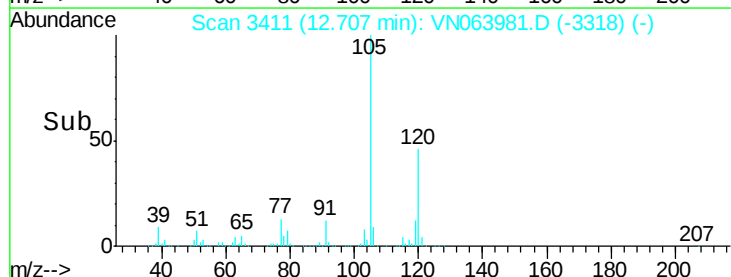
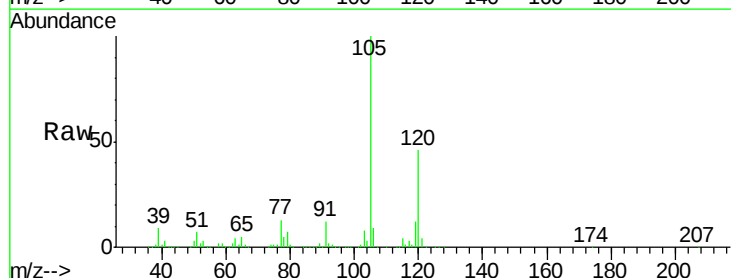
Acq: 8 Oct 2020 10:38

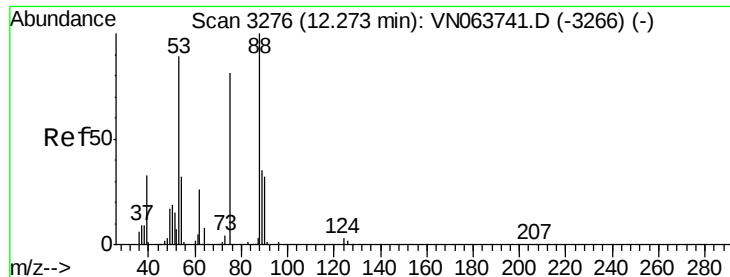
Tgt Ion: 105 Resp: 676924

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.9





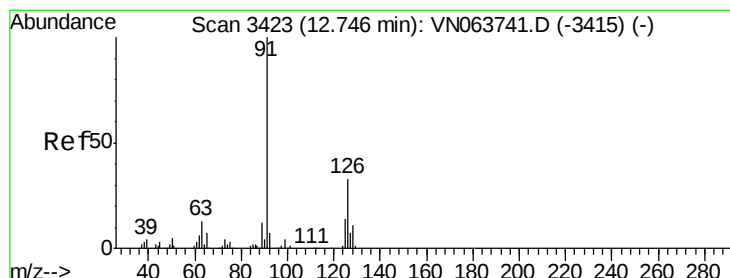
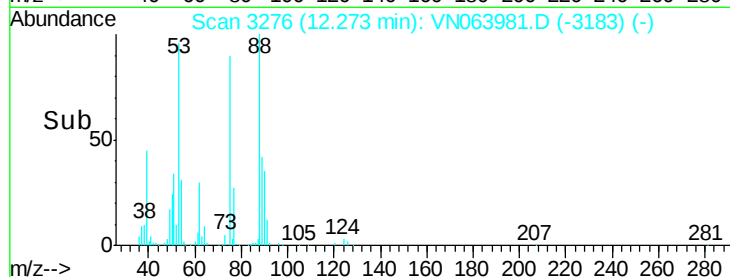
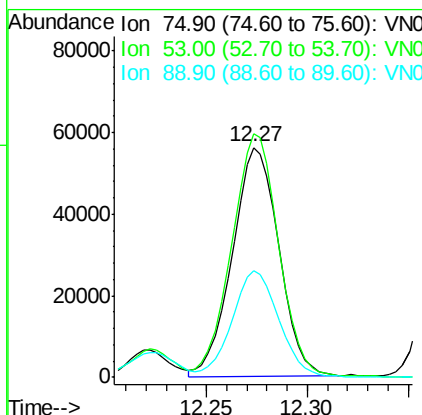
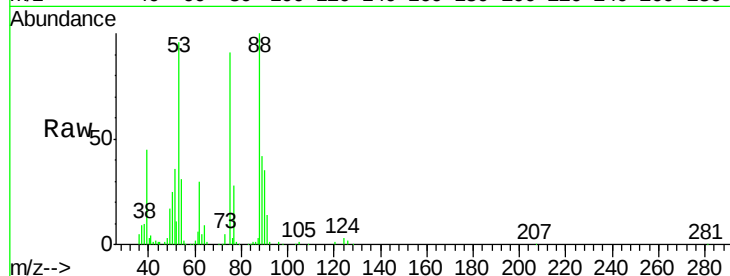
#81
trans-1,4-Dichloro-2-butene
Concen: 54.237 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.2	88.2	132.2
89	47.3	36.0	54.0

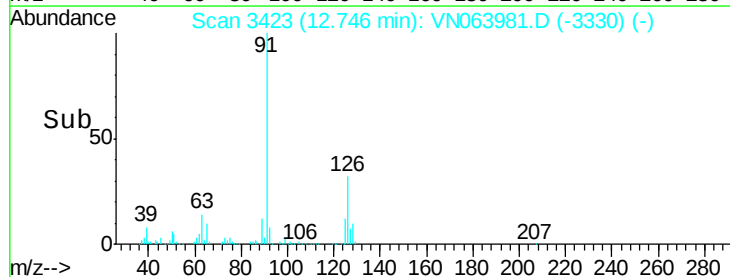
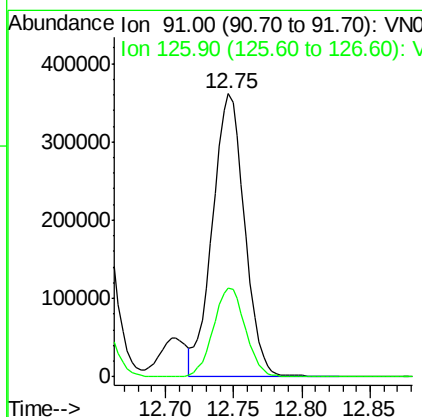
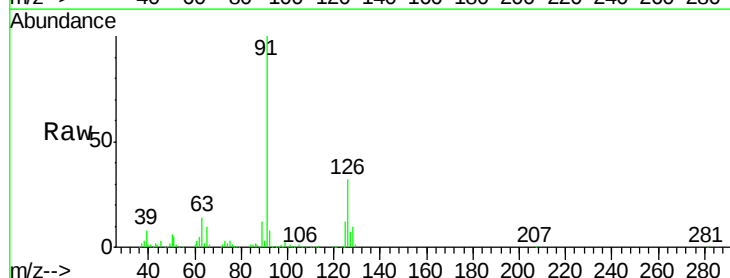
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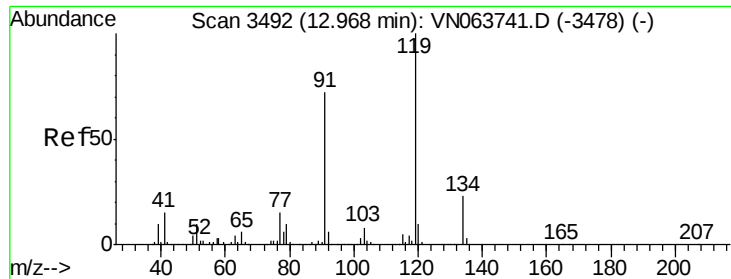
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.977 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.2





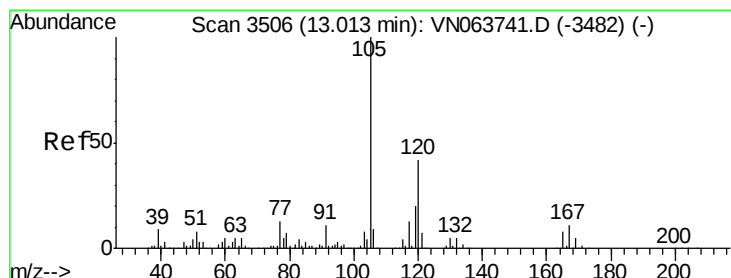
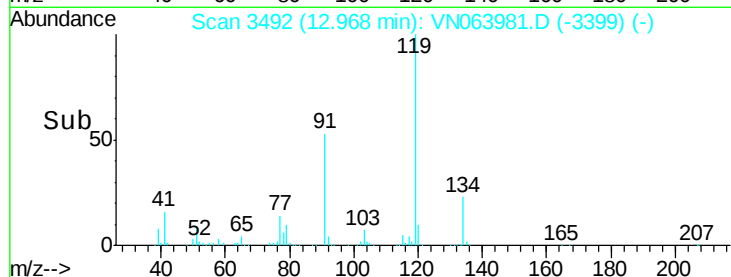
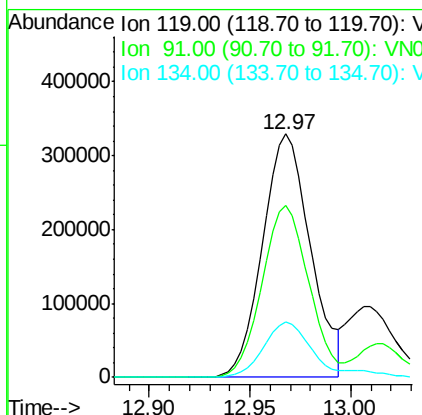
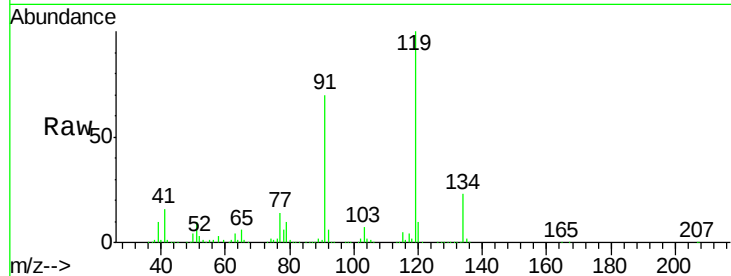
#83
 tert-Butylbenzene
 Concen: 50.154 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.1	35.5	106.5
134	24.3	11.7	35.1

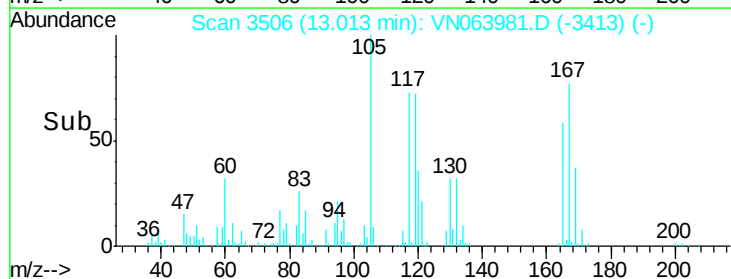
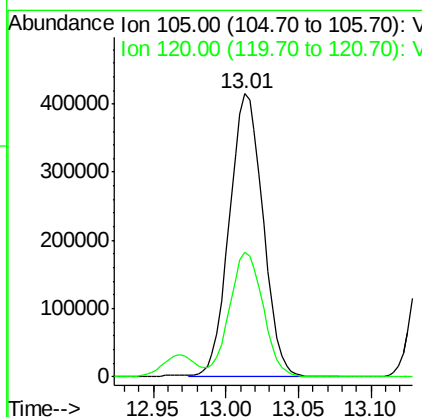
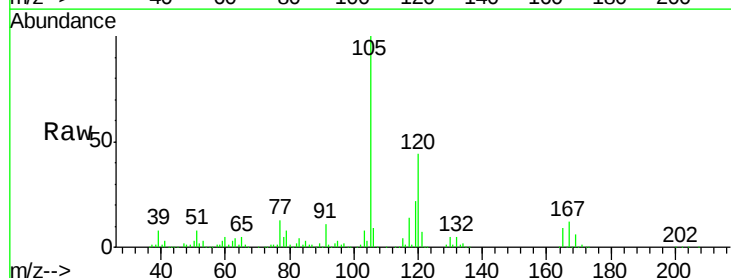
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.051 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	20.9	62.7





#85

sec-Butylbenzene

Concen: 49.273 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 702779

Ion Ratio Lower Upper

105 100

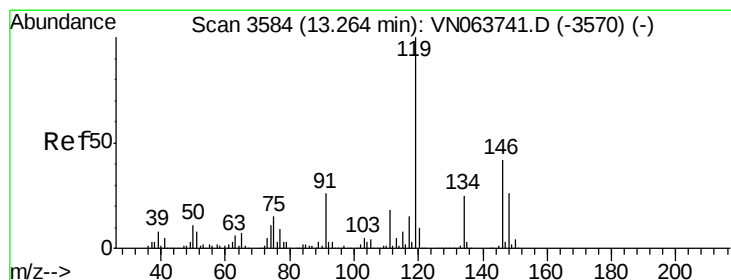
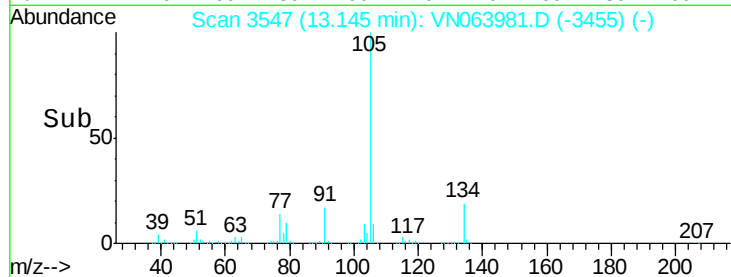
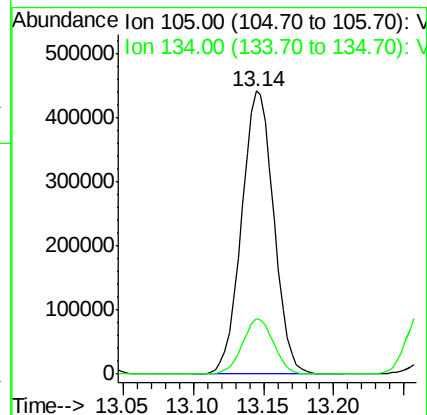
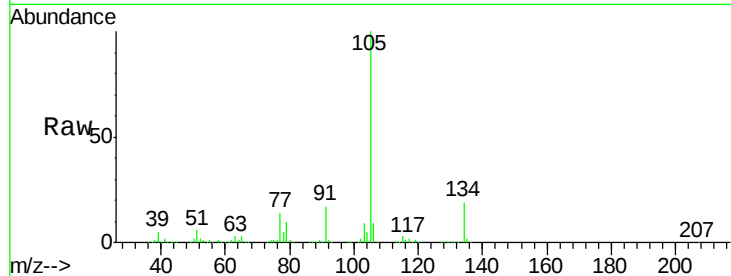
134 19.1 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.123 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063981.D

Acq: 8 Oct 2020 10:38

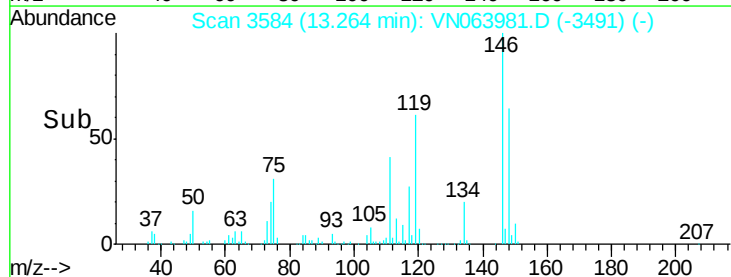
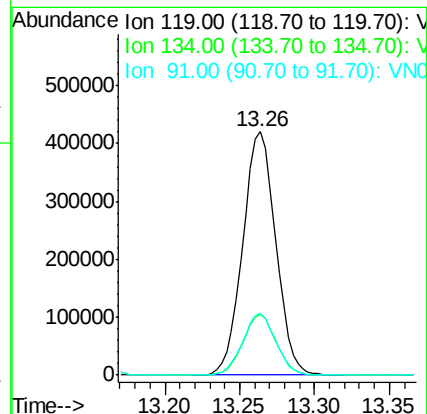
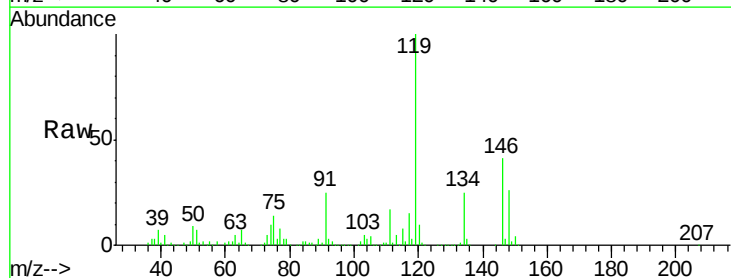
Tgt Ion:119 Resp: 645069

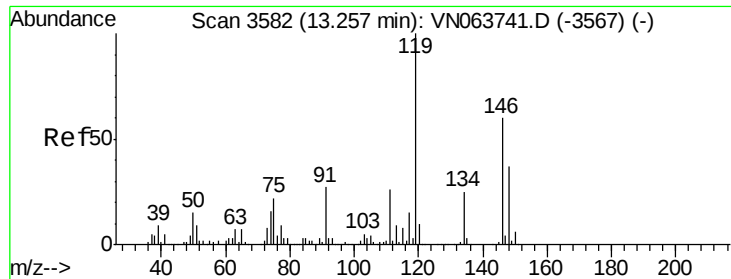
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 25.3 13.4 40.2





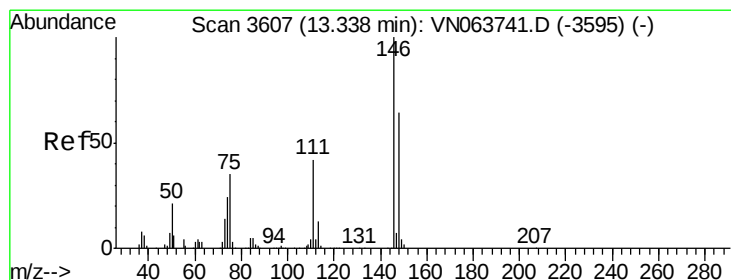
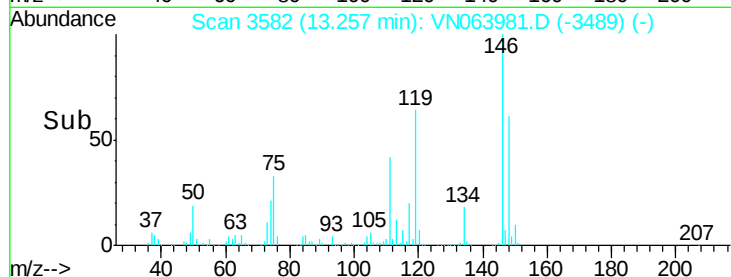
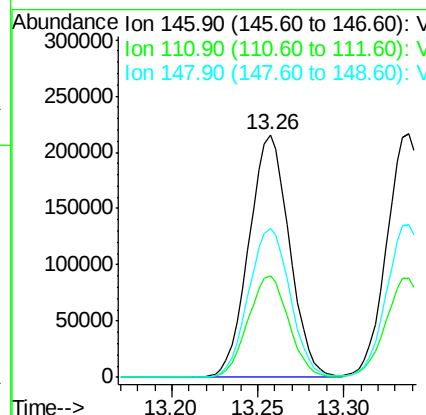
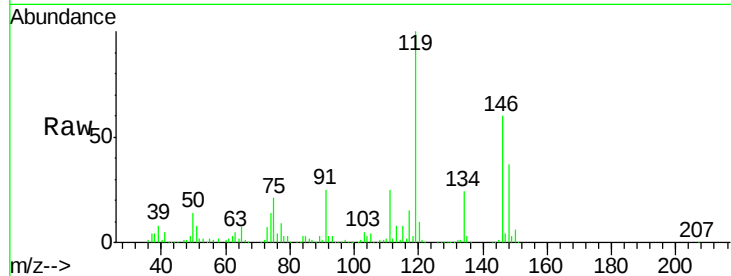
#87
 1,3-Dichlorobenzene
 Concen: 50.227 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.5	64.5
148	62.9	31.1	93.3

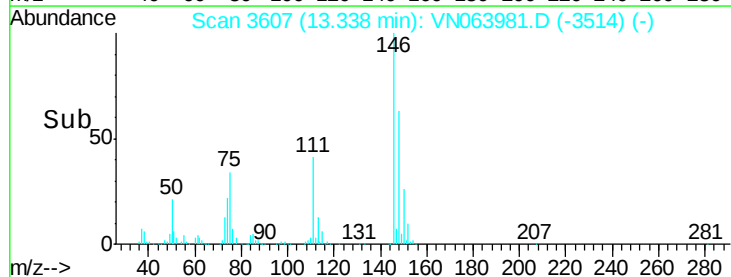
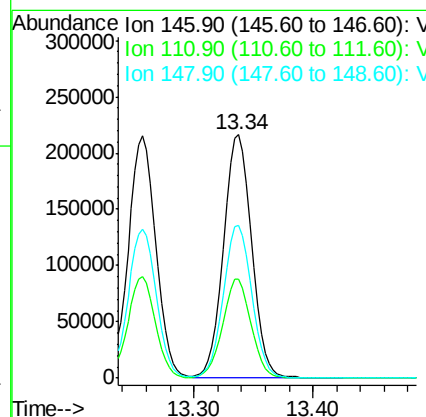
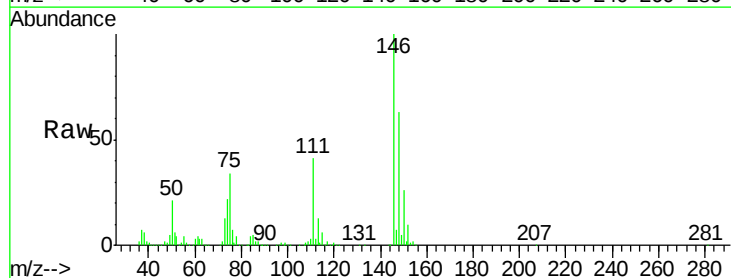
Manual Integrations
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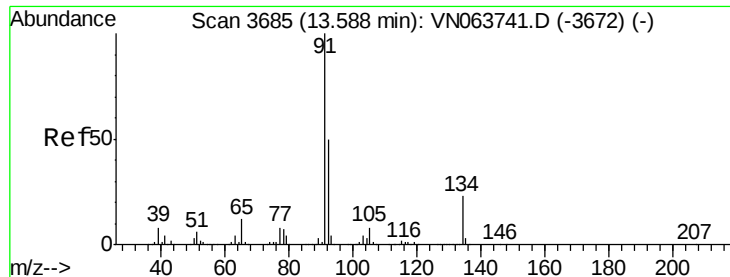
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#88
 1,4-Dichlorobenzene
 Concen: 48.484 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.3	63.7
148	63.8	32.0	96.0





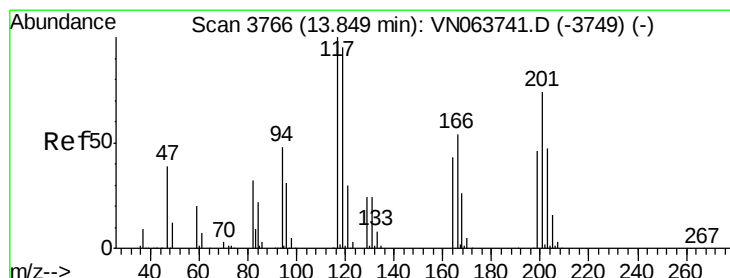
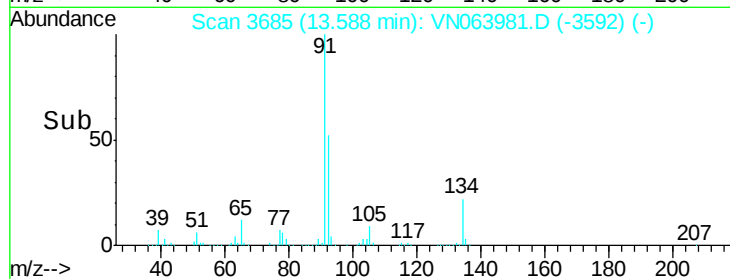
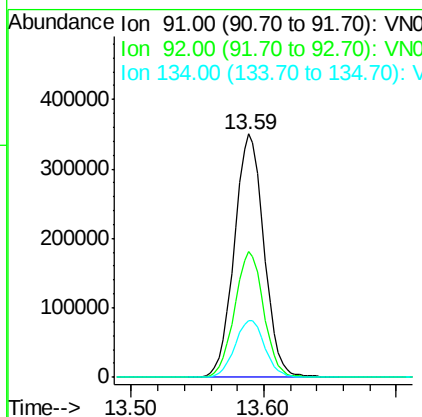
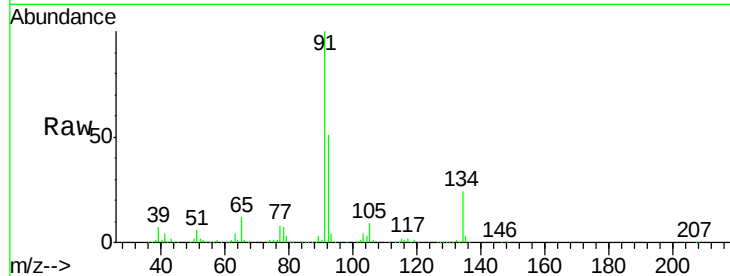
#89
n-Butylbenzene
Concen: 46.691 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.4	76.4
134	23.7	11.7	35.1

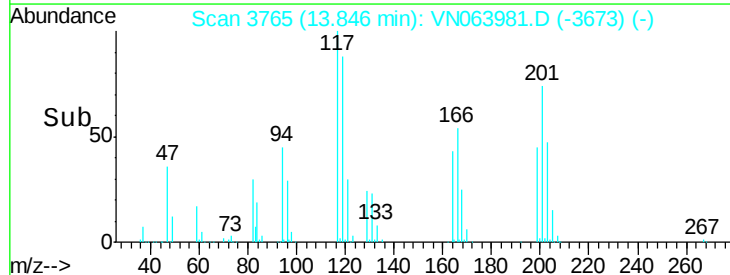
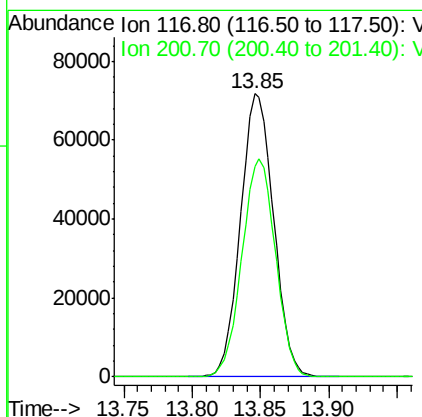
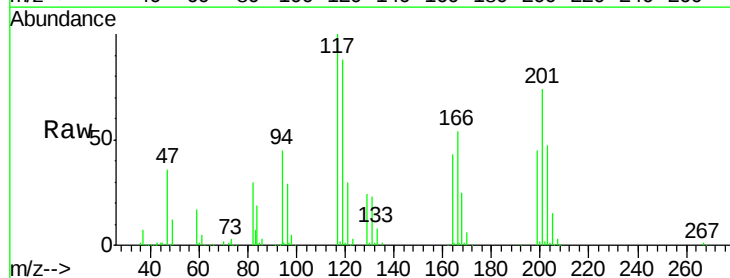
Manual Integrations
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#90
Hexachloroethane
Concen: 49.519 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	36.0	108.0





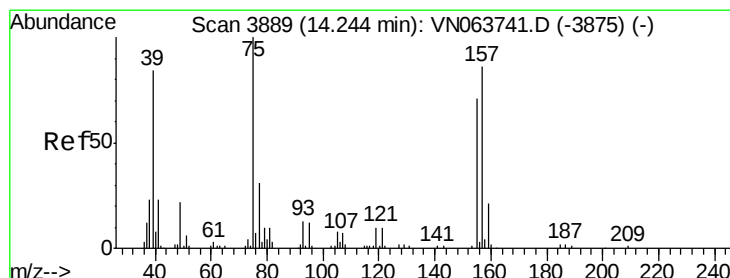
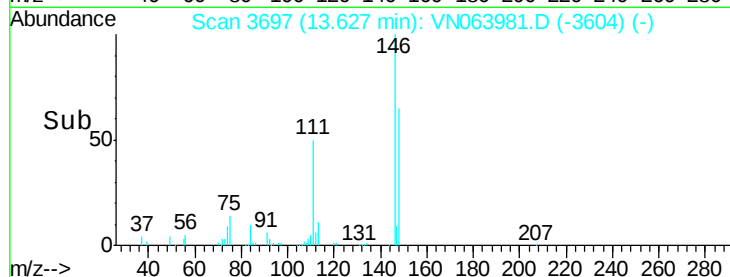
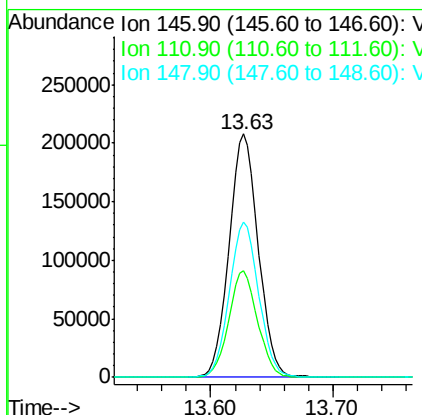
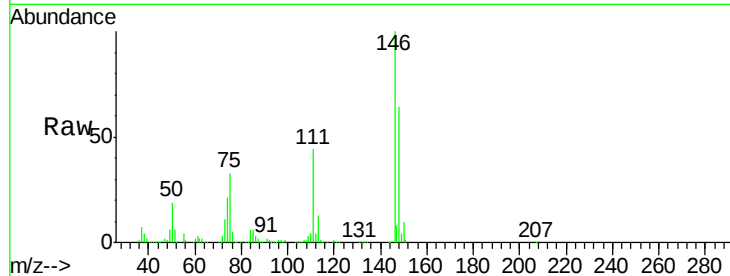
#91
 1,2-Dichlorobenzene
 Concen: 49.876 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.2	66.6
148	64.1	32.5	97.4

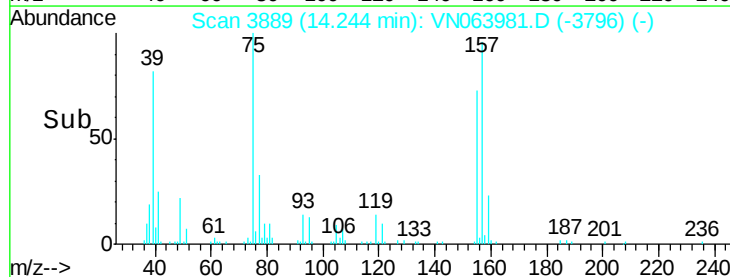
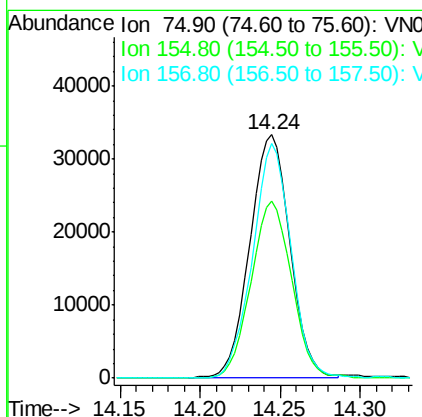
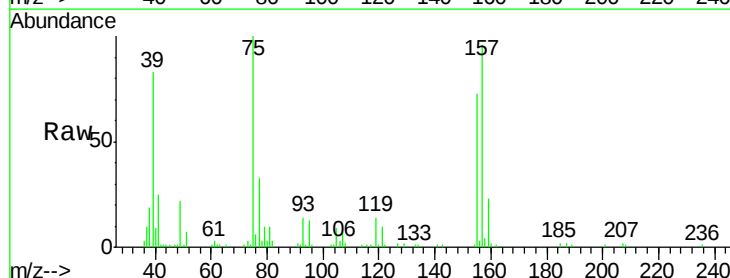
Manual Integrations
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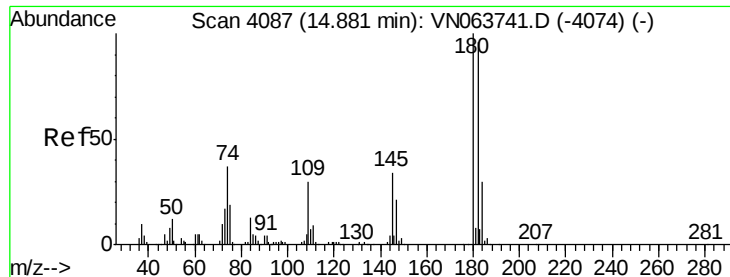
MMDadoda
 10/9/2020 4:32:02 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.776 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.7	34.8	104.5
157	92.4	43.7	131.1





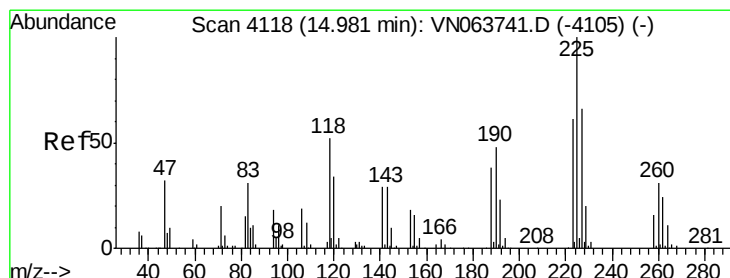
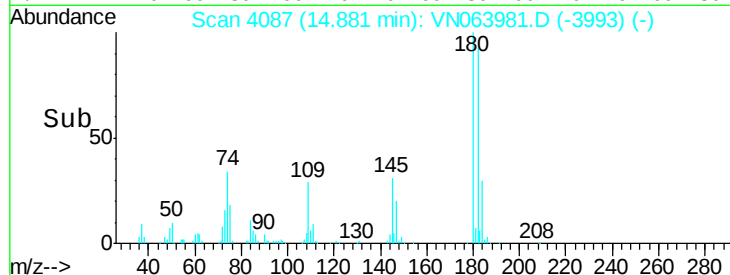
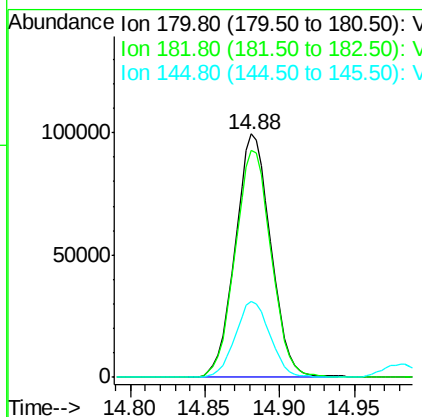
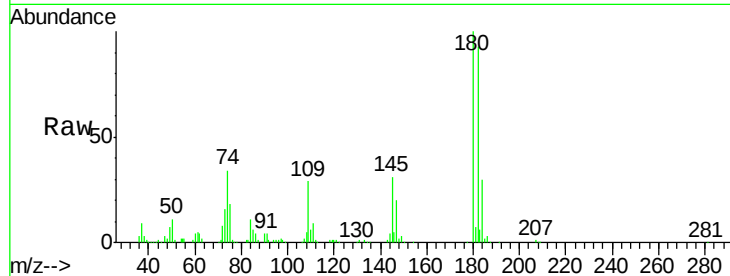
#93
 1,2,4-Trichlorobenzene
 Concen: 43.676 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164383		
182	94.7	48.2	144.6	
145	31.0	17.1	51.2	

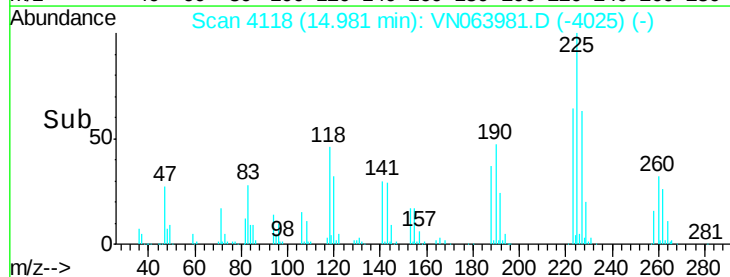
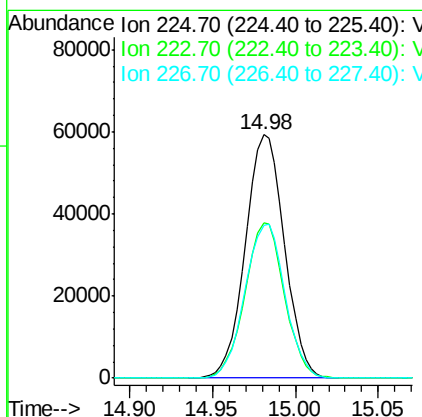
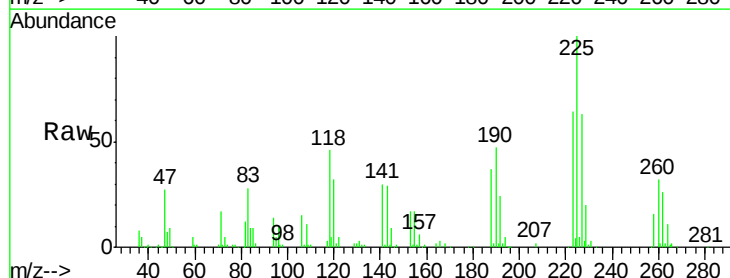
Manual Integrations
 APPROVED

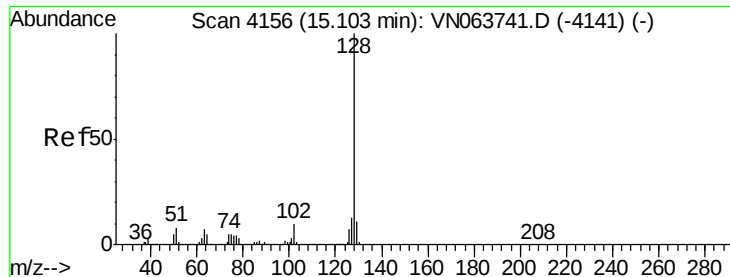
MMDadoda
 10/9/2020 4:32:02 PM



#94
 Hexachlorobutadiene
 Concen: 51.475 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063981.D
 Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97111		
223	64.1	30.3	91.0	
227	64.9	31.9	95.5	





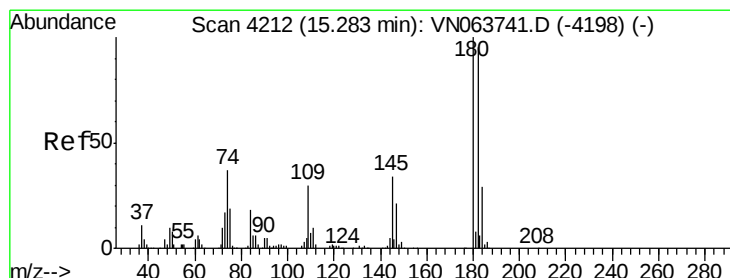
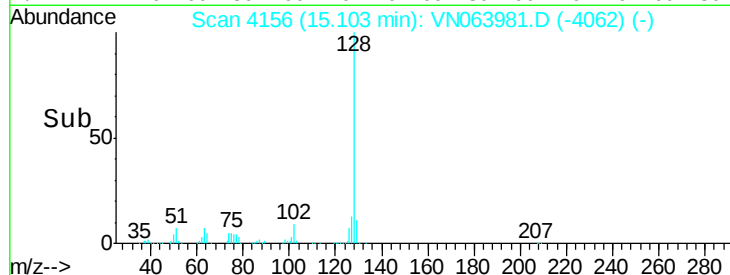
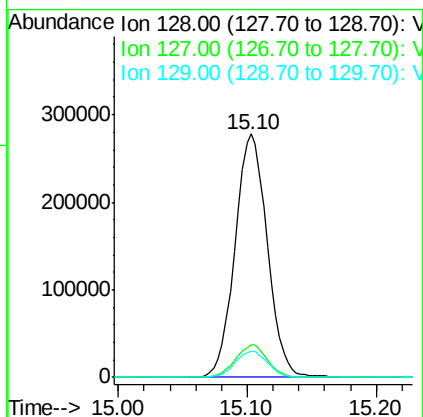
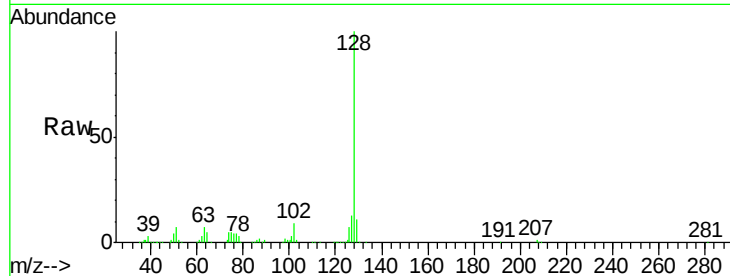
#95
Naphthalene
Concen: 41.538 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/9/2020 4:32:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.266 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063981.D
Acq: 8 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.6
145	33.3	17.2	51.5

