

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062421\
 Data File : VW021563.D
 Acq On : 24 Jun 2021 12:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 03:02:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 25 03:01:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	426796	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	402852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213218	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	118228	42.074	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.140%		
7) Chloroethane-d5	1.568	69	105530	50.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.980%		
11) 1,1-Dichloroethene-d2	2.108	63	225316	46.926	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.860%		
21) 2-Butanone-d5	3.892	46	247843	123.001	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.000%		
24) Chloroform-d	4.346	84	287088	51.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.640%		
26) 1,2-Dichloroethane-d4	5.027	65	177650	55.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.280%		
32) Benzene-d6	5.047	84	556531	49.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.760%		
36) 1,2-Dichloropropane-d6	6.066	67	182918	52.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.120%		
41) Toluene-d8	7.313	98	504813	47.016	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.040%		
43) trans-1,3-Dichloroprop...	7.619	79	92859	49.857	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.720%		
47) 2-Hexanone-d5	8.088	63	176865	110.672	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.670%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	256768	53.149	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.300%		
66) 1,2-Dichlorobenzene-d4	11.625	152	208443	47.029	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	122355	41.361	ug/L	98
3) Chloromethane	1.240	50	145521	49.380	ug/L	100
5) Vinyl chloride	1.311	62	143634	47.490	ug/L	99
6) Bromomethane	1.523	94	103166	49.806	ug/L	99
8) Chloroethane	1.584	64	97980	56.977	ug/L	99
9) Trichlorofluoromethane	1.751	101	193304	43.088	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	122807	47.092	ug/L	92
12) 1,1-Dichloroethene	2.114	96	114736	45.805	ug/L	88
13) Acetone	2.433	43	176992	102.088	ug/L	100
14) Carbon disulfide	2.291	76	359636	45.541	ug/L	100
15) Methyl Acetate	2.433	43	183604	61.808	ug/L	97
16) Methylene chloride	2.503	84	168486	53.694	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	144929	50.714	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	538587	59.449	ug/L	98
19) 1,1-Dichloroethane	3.185	63	285053	56.287	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	174454	54.565	ug/L	98
22) 2-Butanone	3.976	43	259936	118.356	ug/L	98
23) Bromochloromethane	4.243	128	92525	52.252	ug/L	91
25) Chloroform	4.371	83	293577	56.019	ug/L	100

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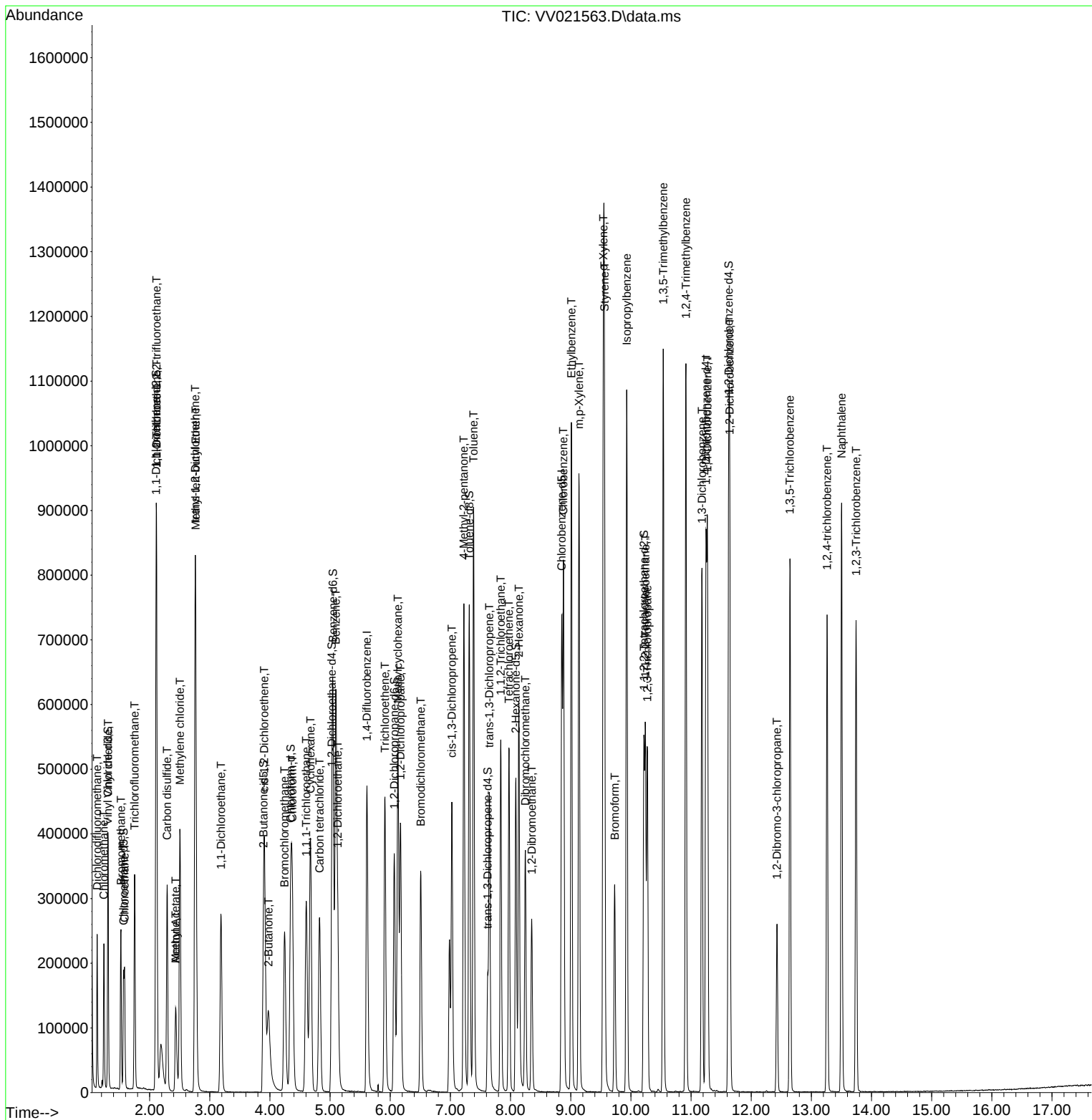
Instrument :
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 ClientSampleId :

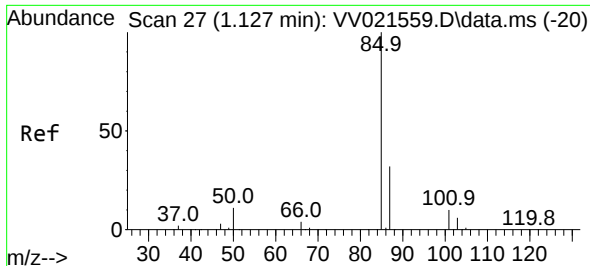
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 Quant Title : VOC Analysis
 QLast Update : Fri Jun 25 03:01:05 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	222256	61.388	ug/L	99
29) Cyclohexane	4.674	56	229044	48.803	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	247310	49.731	ug/L	98
31) Carbon tetrachloride	4.825	117	209477	46.400	ug/L	100
33) Benzene	5.095	78	618818	53.668	ug/L	100
34) Trichloroethene	5.912	95	162980	52.000	ug/L	96
35) Methylcyclohexane	6.127	83	235876	46.882	ug/L	98
37) 1,2-Dichloropropane	6.172	63	170764	58.084	ug/L	99
38) Bromodichloromethane	6.506	83	234342	56.804	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	275675	55.773	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	504935	126.670	ug/L	97
42) Toluene	7.384	91	661889	51.745	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	263588	56.370	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	170922	57.283	ug/L	98
46) Tetrachloroethene	7.973	164	124157	43.086	ug/L	96
48) 2-Hexanone	8.137	43	377419	123.450	ug/L	99
49) Dibromochloromethane	8.246	129	194739	52.120	ug/L	97
50) 1,2-Dibromoethane	8.352	107	181681	55.321	ug/L #	100
51) Chlorobenzene	8.879	112	432757	51.173	ug/L	97
52) Ethylbenzene	9.011	91	718130	51.115	ug/L	99
53) m,p-Xylene	9.137	106	271181	50.236	ug/L	97
54) o-Xylene	9.542	106	275310	51.653	ug/L	98
55) Styrene	9.561	104	479345	52.255	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	266549	57.227	ug/L	100
59) Bromoform	9.731	173	146976	51.088	ug/L #	98
60) Isopropylbenzene	9.931	105	709749	53.719	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	216314	64.567	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	605926	53.272	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	615846	53.598	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	336885	50.480	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	338131	50.184	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	349249	52.265	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	61869	59.279	ug/L	81
69) 1,3,5-Trichlorobenzene	12.644	180	252290	44.813	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	221873	44.114	ug/L	98
71) Naphthalene	13.503	128	701951	50.598	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	225002	45.960	ug/L	99

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

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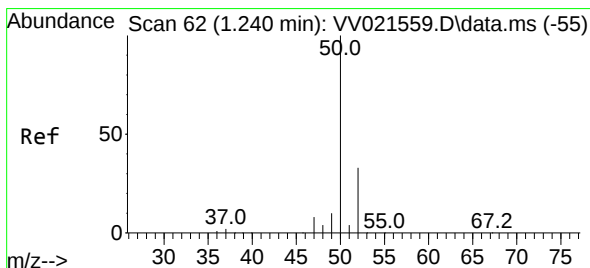
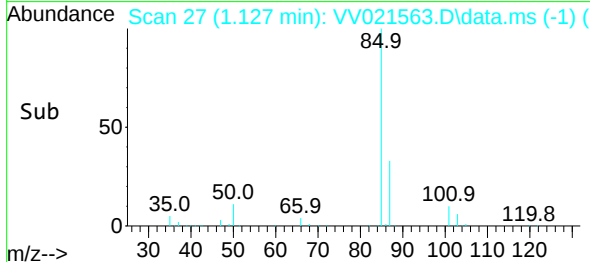
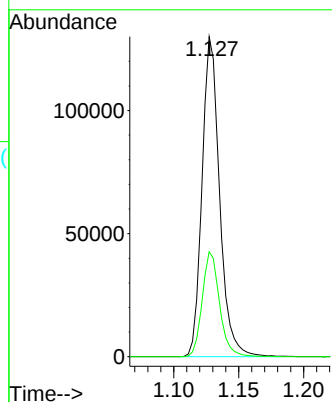
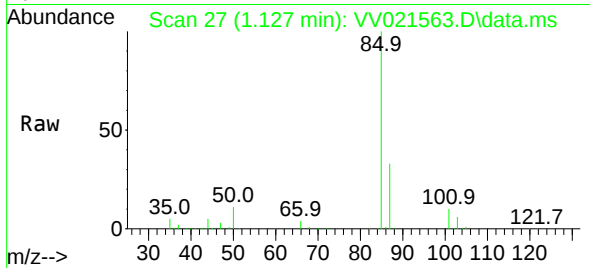




#2
 Dichlorodifluoromethane
 Concen: 41.361 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021563.D
 Acq: 24 Jun 2021 12:10

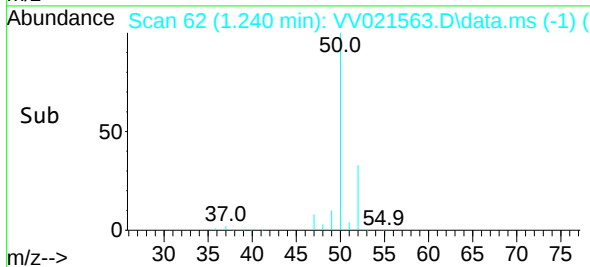
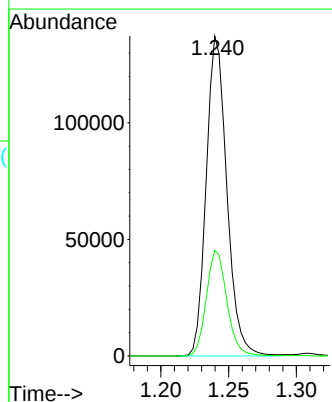
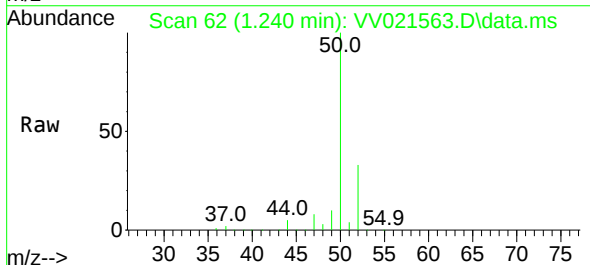
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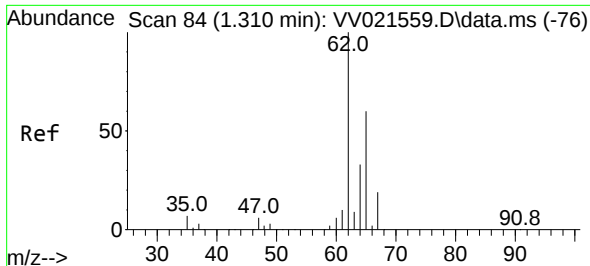
Tgt Ion: 85 Resp: 122355
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 39.8



#3
 Chloromethane
 Concen: 49.380 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021563.D
 Acq: 24 Jun 2021 12:10

Tgt Ion: 50 Resp: 145521
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.3 43.3

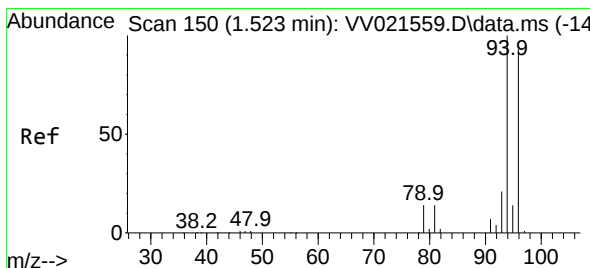
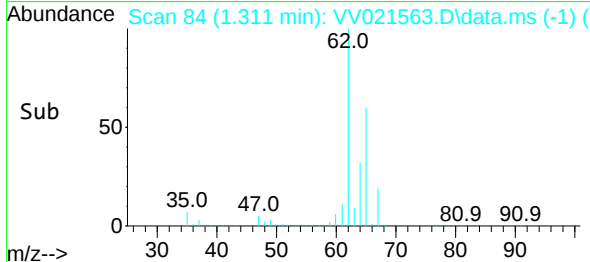
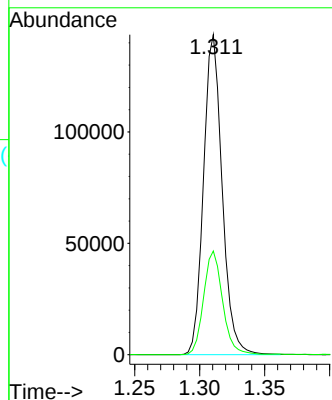
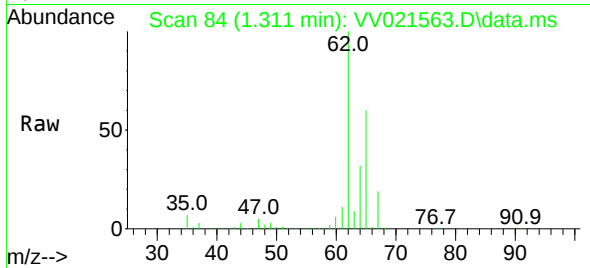




#5
 Vinyl chloride
 Concen: 47.490 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021563.D
 Acq: 24 Jun 2021 12:10

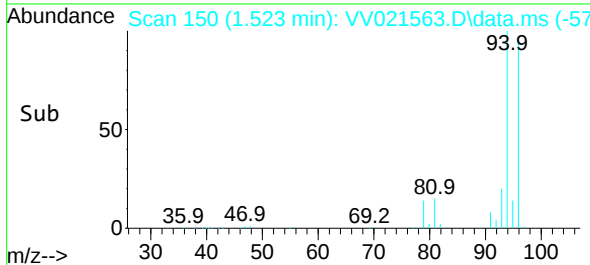
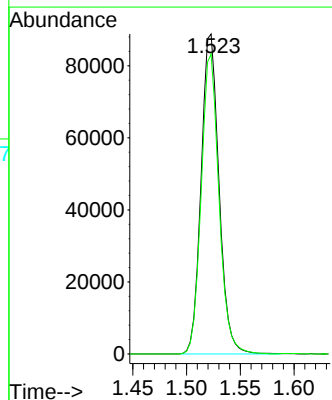
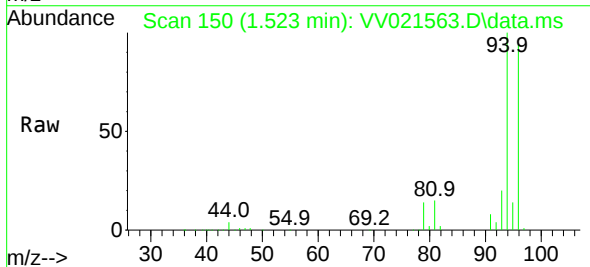
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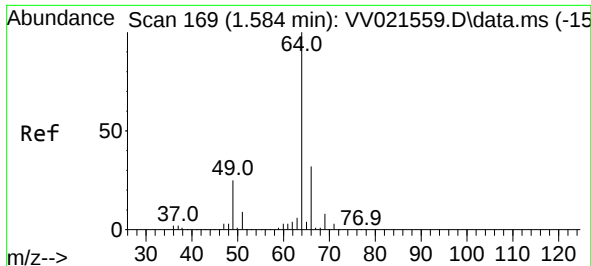
Tgt Ion: 62 Resp: 143634
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.1 42.9



#6
 Bromomethane
 Concen: 49.806 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV021563.D
 Acq: 24 Jun 2021 12:10

Tgt Ion: 94 Resp: 103166
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.2 121.0

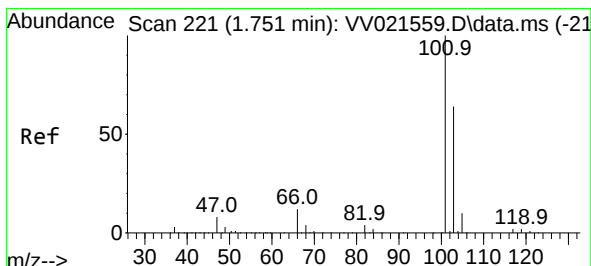
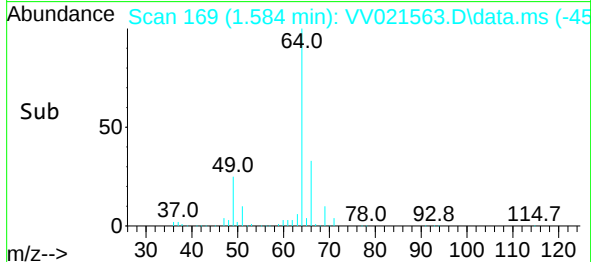
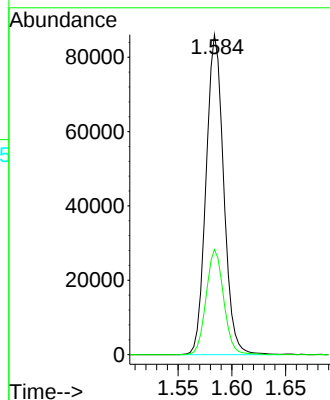
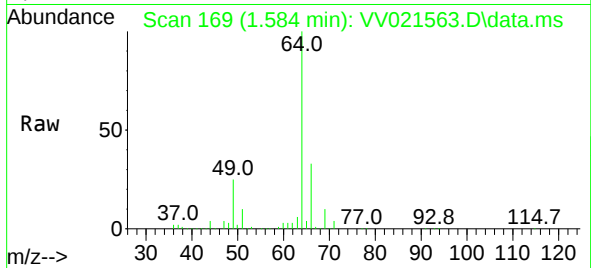




#8
Chloroethane
Concen: 56.977 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

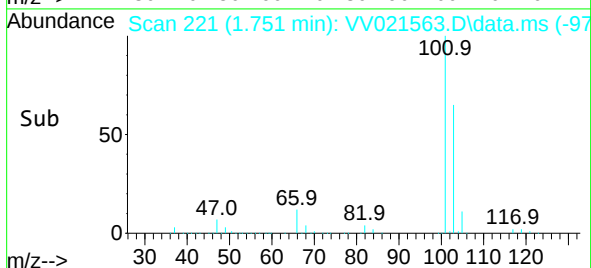
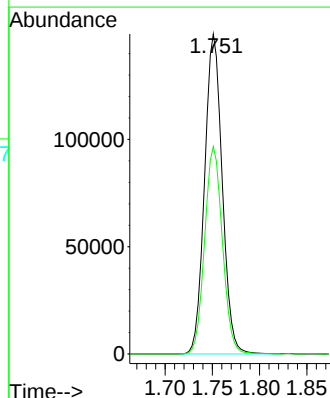
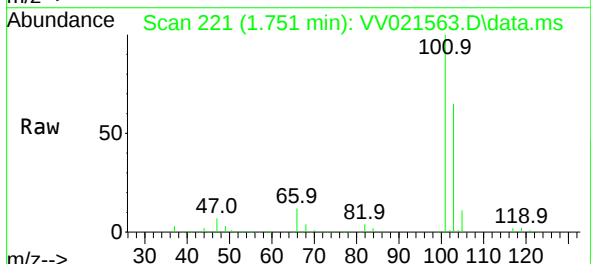
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ClientSampled :

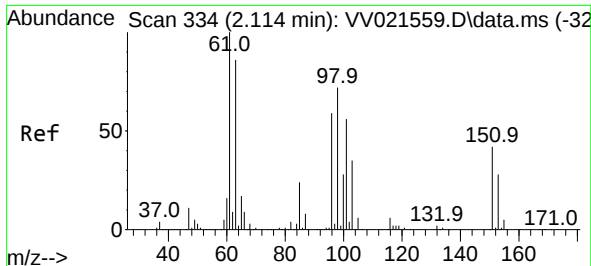
Tgt Ion: 64 Resp: 97980
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 43.088 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion:101 Resp: 193304
Ion Ratio Lower Upper
101 100
103 65.3 52.1 78.1

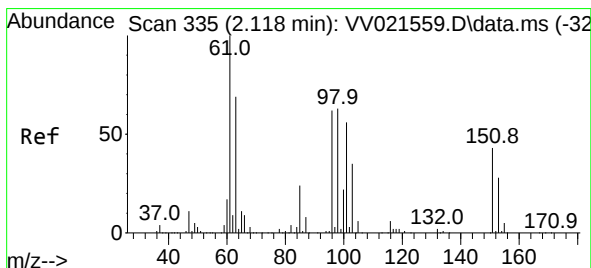
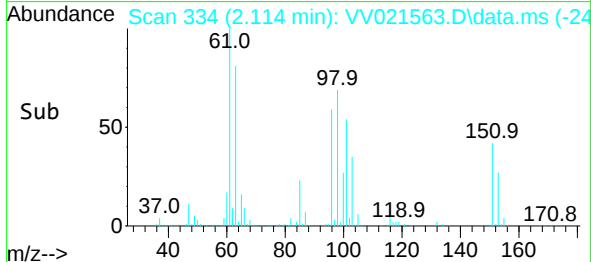
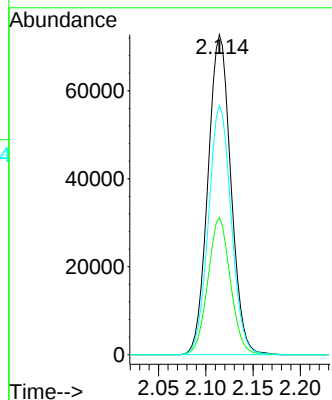
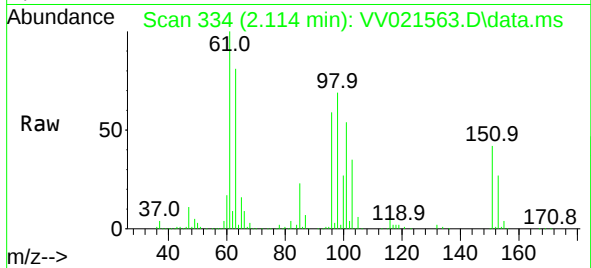




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.092 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

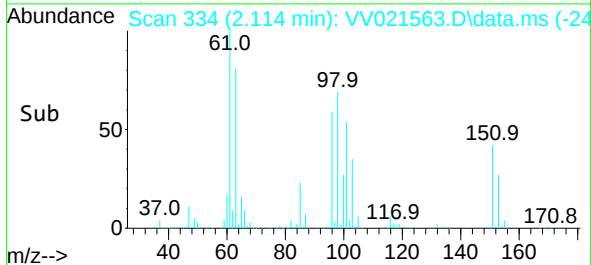
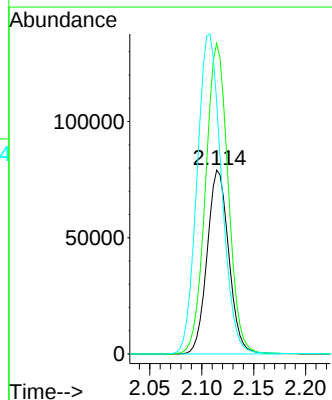
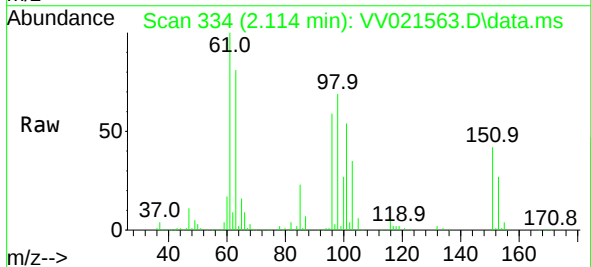
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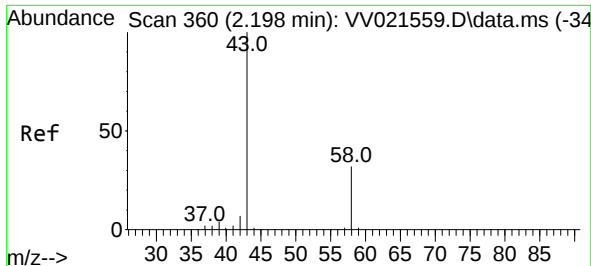
Tgt Ion:101 Resp: 122807
Ion Ratio Lower Upper
101 100
85 42.1 32.6 49.0
151 77.6 70.0 105.0



#12
1,1-Dichloroethene
Concen: 45.805 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion: 96 Resp: 114736
Ion Ratio Lower Upper
96 100
61 169.0 107.7 200.1
63 137.1 86.6 160.8

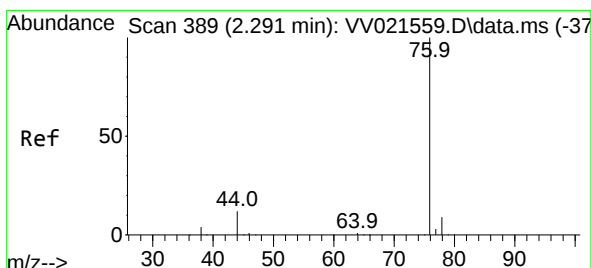
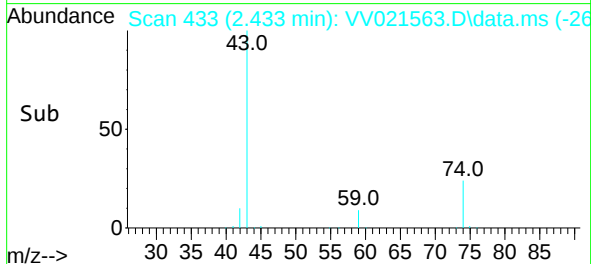
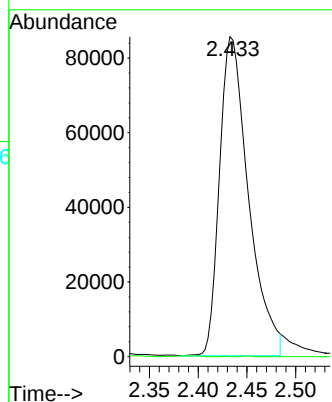
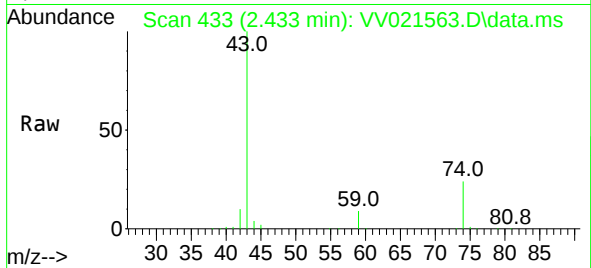




#13
Acetone
Concen: 102.088 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.235 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

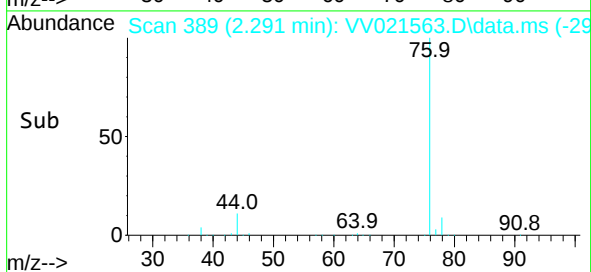
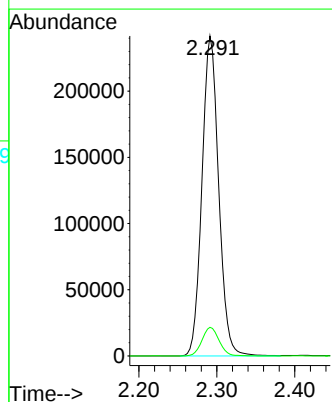
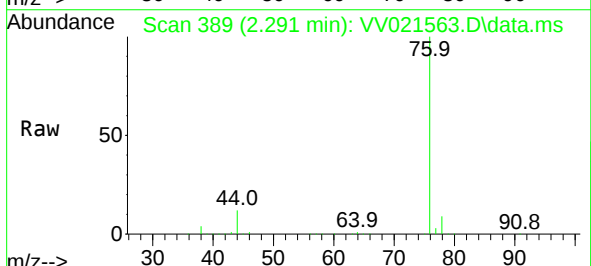
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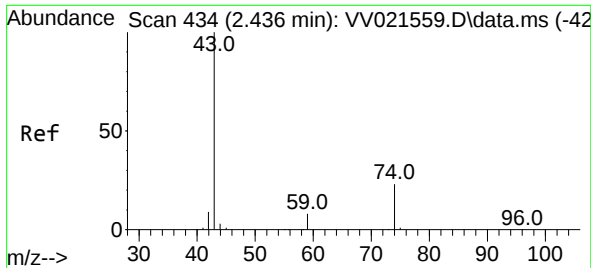
Tgt Ion: 43 Resp: 176992
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.2



#14
Carbon disulfide
Concen: 45.541 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion: 76 Resp: 359636
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

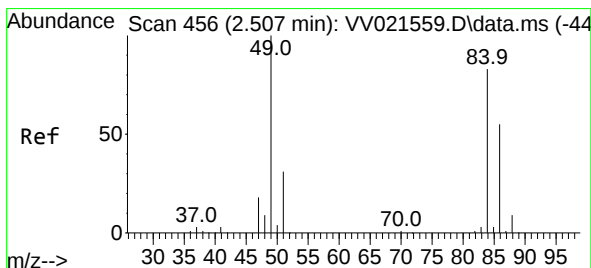
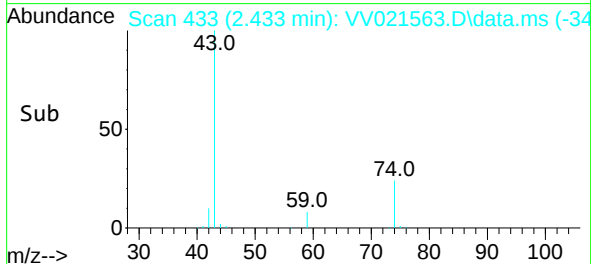
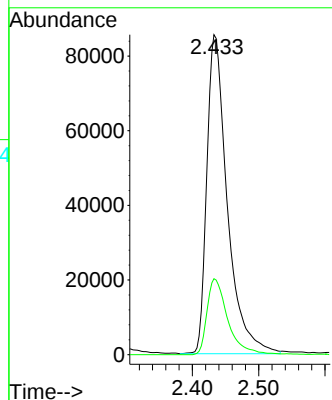
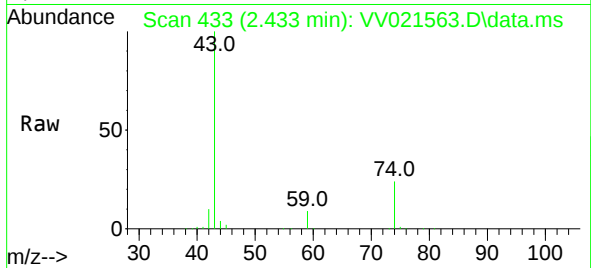




#15
Methyl Acetate
Concen: 61.808 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

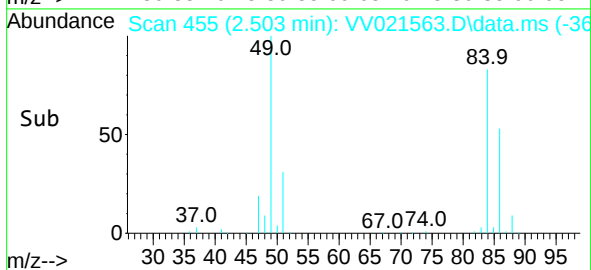
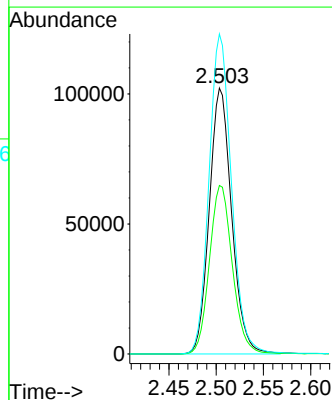
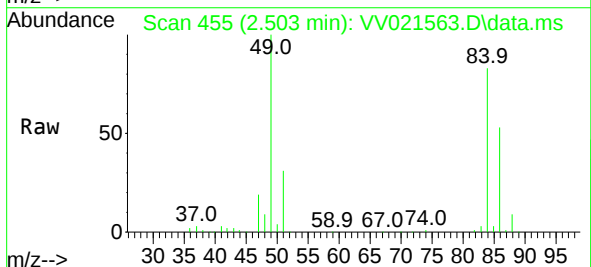
Instrument :
MSVOA_V
ClientSampleId :

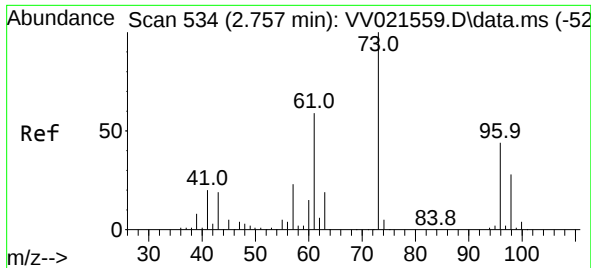
Tgt Ion: 43 Resp: 183604
Ion Ratio Lower Upper
43 100
74 24.0 20.4 30.6



#16
Methylene chloride
Concen: 53.694 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion: 84 Resp: 168486
Ion Ratio Lower Upper
84 100
86 63.3 44.1 81.9
49 120.3 80.8 150.0

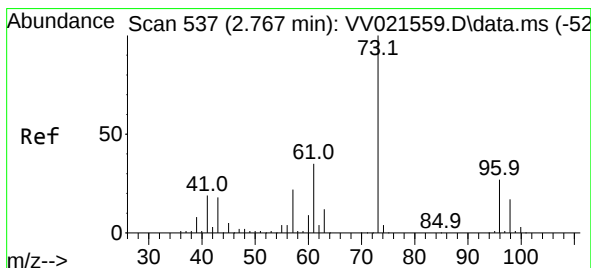
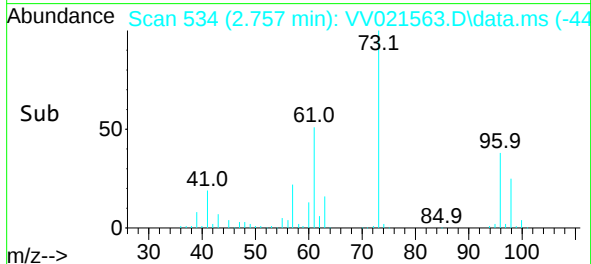
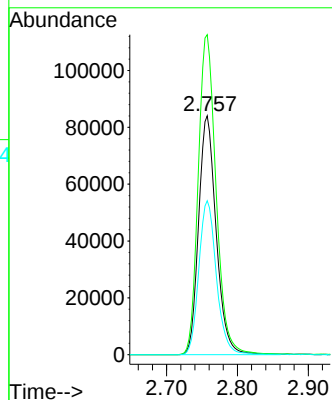
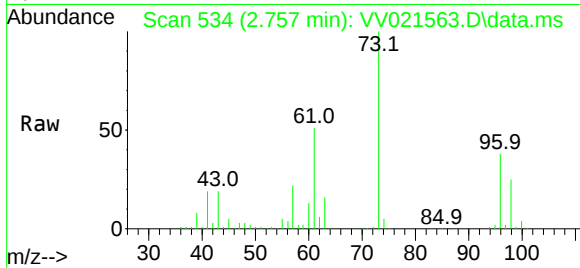




#17
 trans-1,2-Dichloroethene
 Concen: 50.714 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. 0.000 min
 Lab File: VV021563.D
 Acq: 24 Jun 2021 12:10

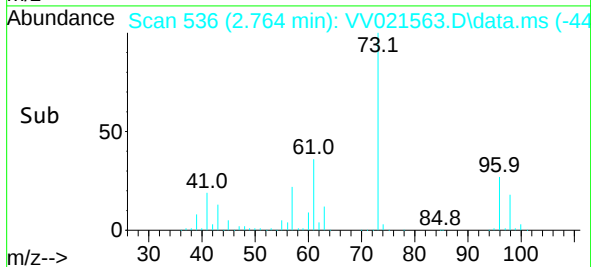
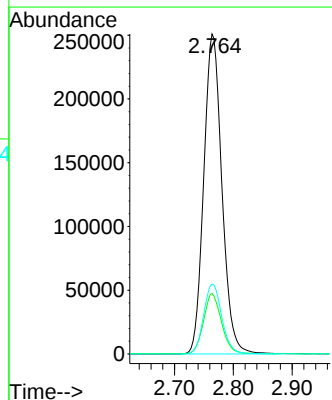
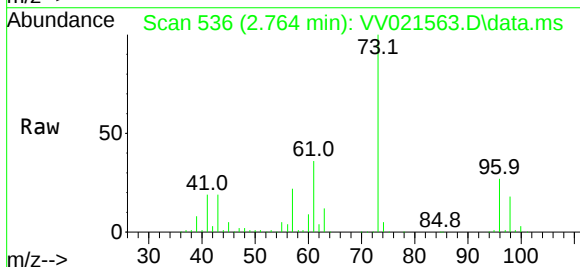
Instrument :
 MSVOA_V
 ClientSampleId :

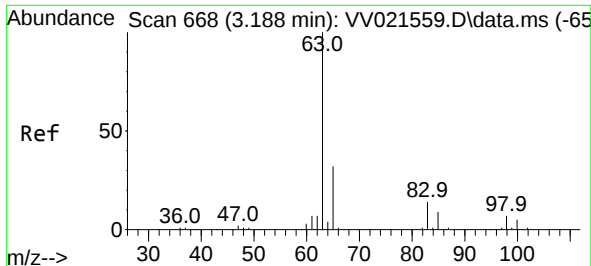
Tgt Ion: 96 Resp: 144929
 Ion Ratio Lower Upper
 96 100
 61 134.0 88.8 165.0
 98 64.4 44.4 82.4



#18
 Methyl tert-butyl Ether
 Concen: 59.449 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. -0.003 min
 Lab File: VV021563.D
 Acq: 24 Jun 2021 12:10

Tgt Ion: 73 Resp: 538587
 Ion Ratio Lower Upper
 73 100
 43 18.5 13.9 20.9
 57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 56.287 ug/L

RT: 3.185 min Scan# 667

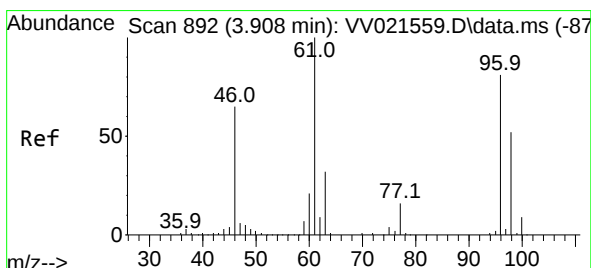
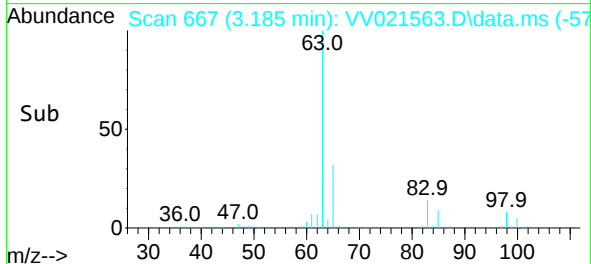
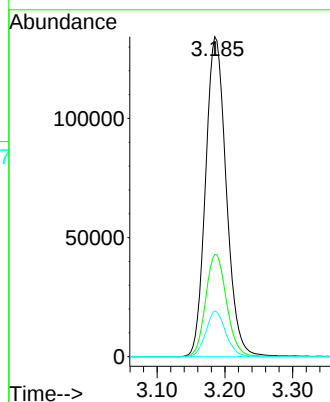
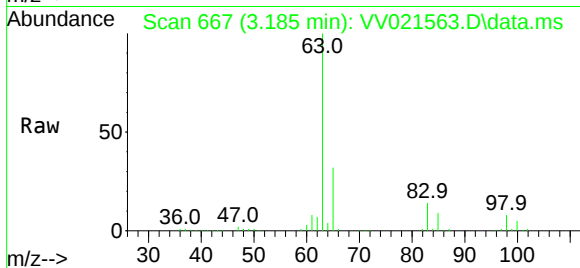
Delta R.T. -0.003 min

Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

Tgt Ion: 63 Resp: 285053

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.5	41.7
83	14.3	10.1	18.9



#20

cis-1,2-Dichloroethene

Concen: 54.565 ug/L

RT: 3.905 min Scan# 891

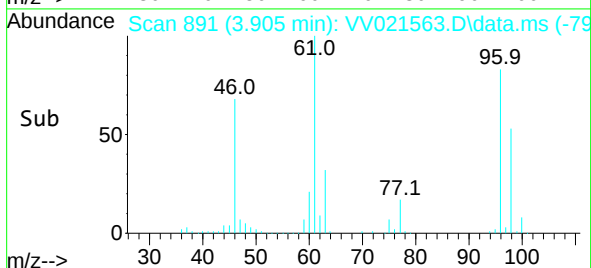
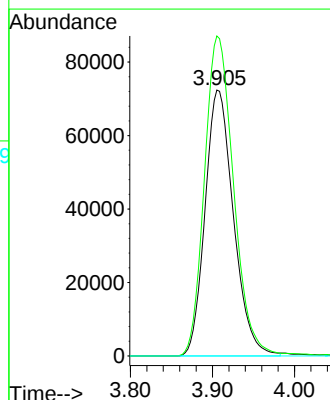
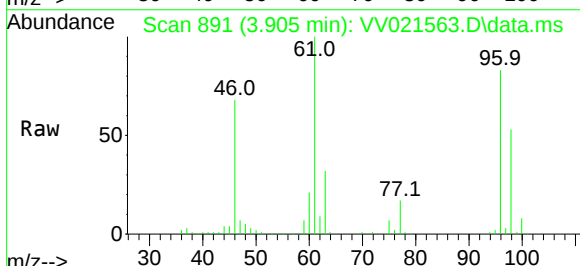
Delta R.T. -0.003 min

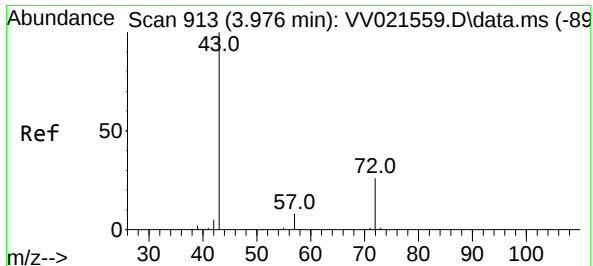
Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

Tgt Ion: 96 Resp: 174454

Ion	Ratio	Lower	Upper
96	100		
61	120.3	82.4	153.0
68	0.0	0.0	0.0

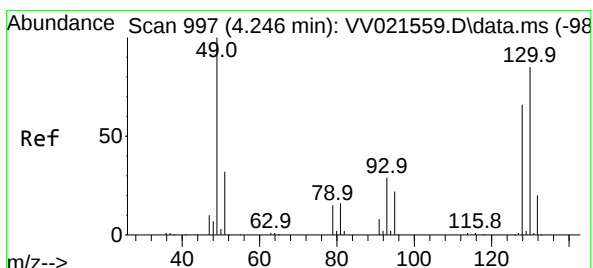
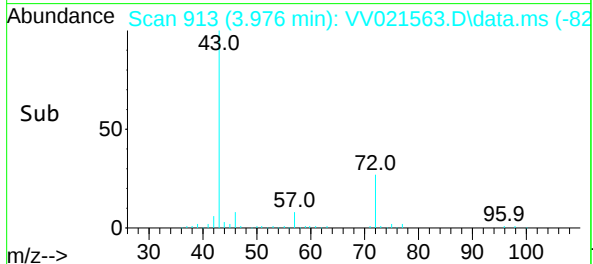
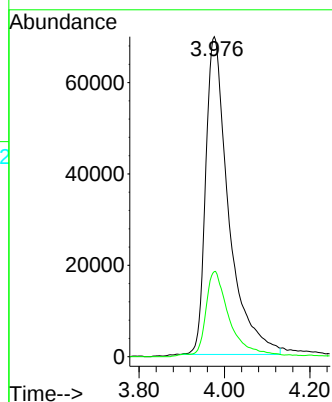
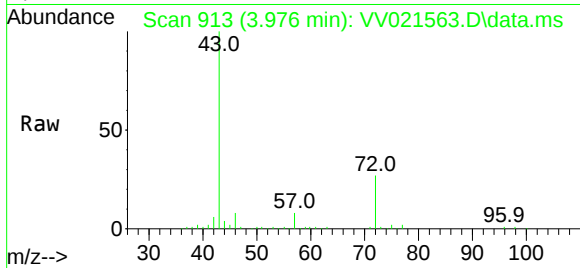




#22
2-Butanone
Concen: 118.356 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

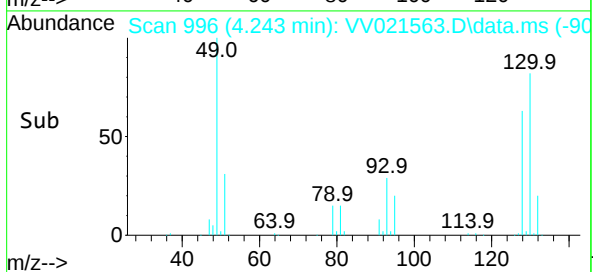
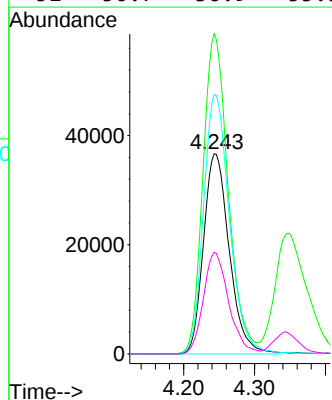
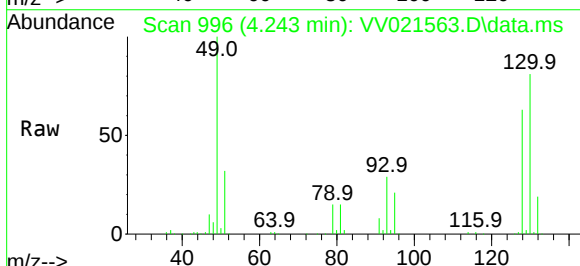
Instrument :
MSVOA_V
ClientSampled :

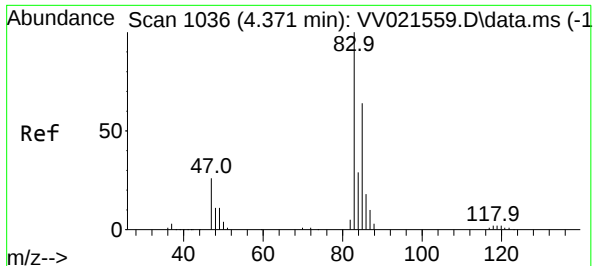
Tgt Ion: 43 Resp: 259936
Ion Ratio Lower Upper
43 100
72 25.1 13.1 39.1



#23
Bromochloromethane
Concen: 52.252 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion:128 Resp: 92525
Ion Ratio Lower Upper
128 100
49 159.9 96.8 179.8
130 129.7 90.2 167.6
51 50.7 36.9 55.3





#25

Chloroform

Concen: 56.019 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV021563.D

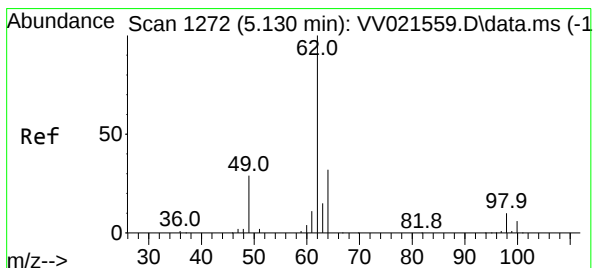
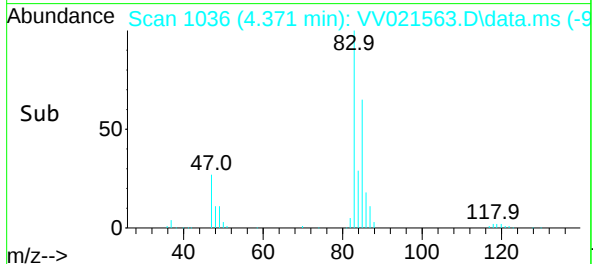
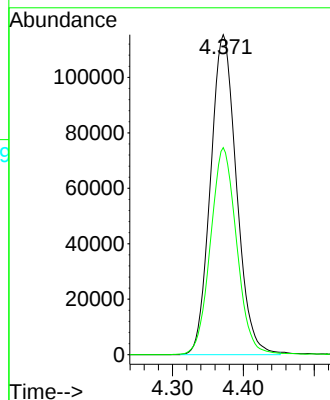
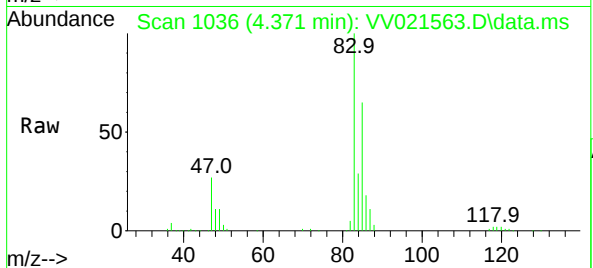
Acq: 24 Jun 2021 12:10

Tgt Ion: 83 Resp: 293577

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 61.388 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV021563.D

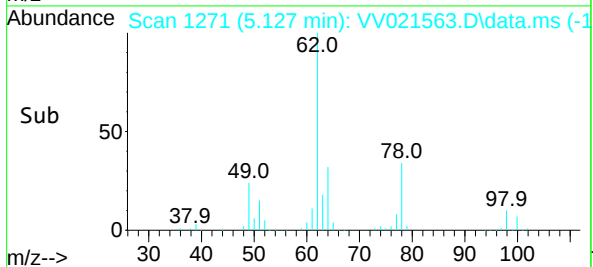
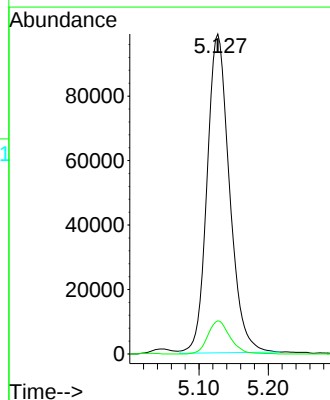
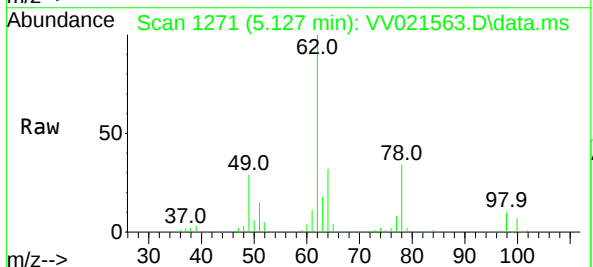
Acq: 24 Jun 2021 12:10

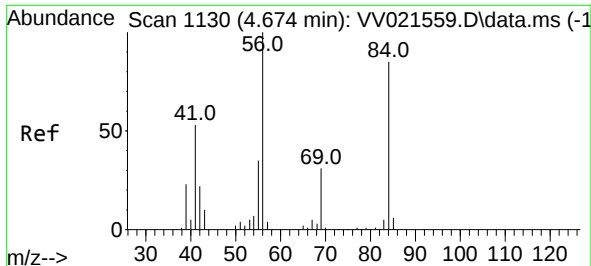
Tgt Ion: 62 Resp: 222256

Ion Ratio Lower Upper

62 100

98 10.4 8.6 12.8





#29

Cyclohexane

Concen: 48.803 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

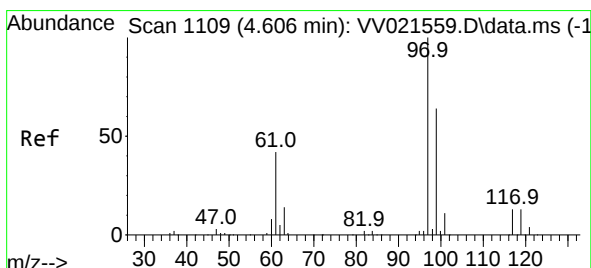
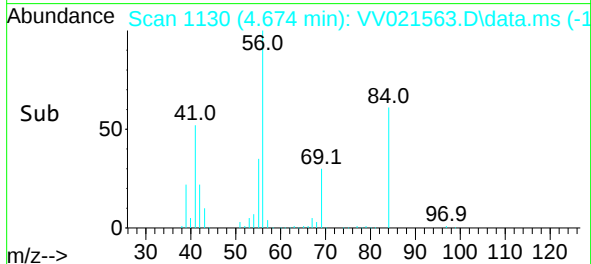
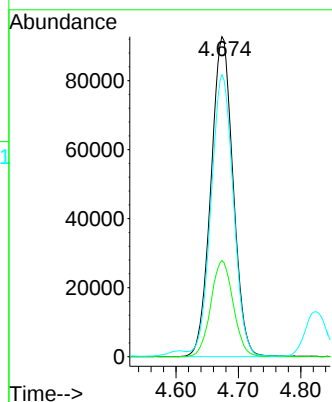
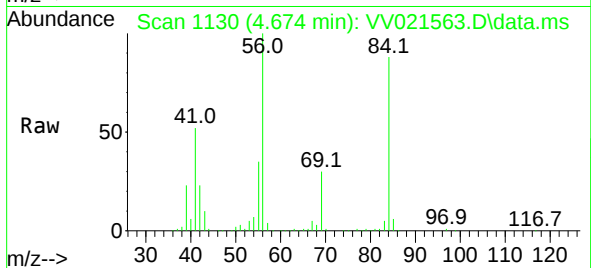
Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

Tgt Ion: 56 Resp: 229044

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.9	37.3
84	88.8	73.7	110.5

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 49.731 ug/L

RT: 4.603 min Scan# 1108

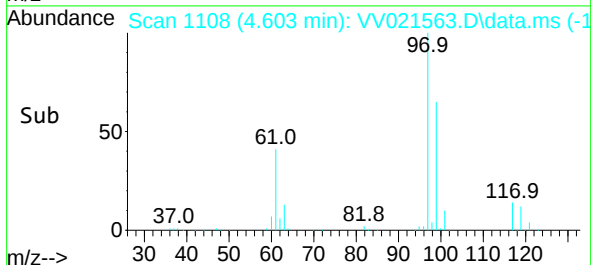
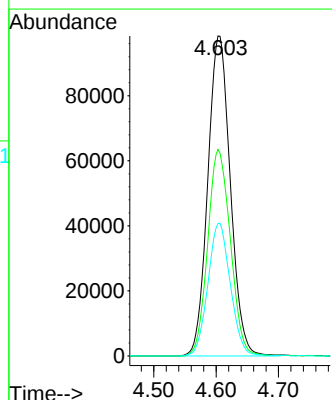
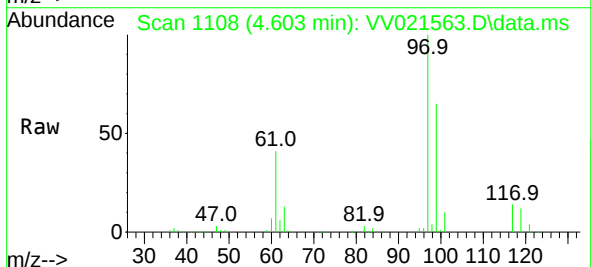
Delta R.T. -0.003 min

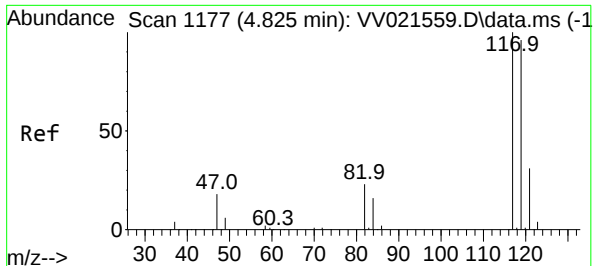
Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

Tgt Ion: 97 Resp: 247310

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.6
61	41.2	30.2	45.4

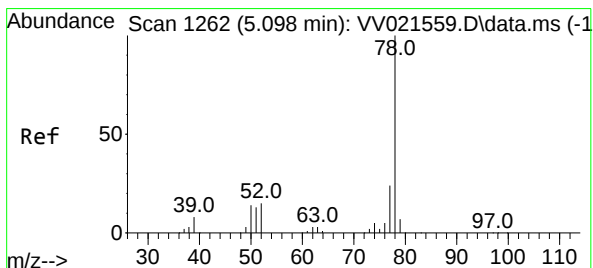
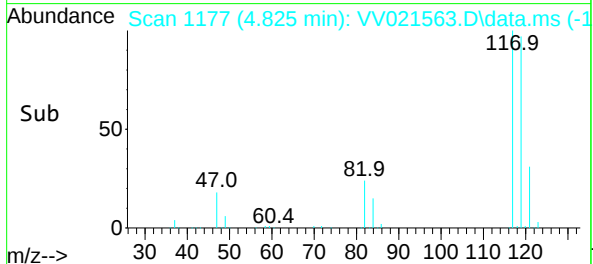
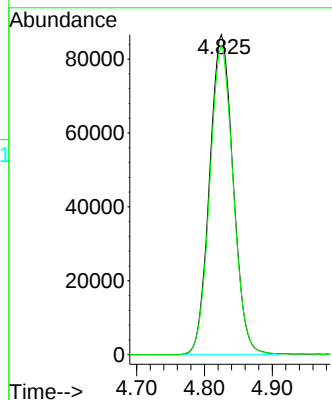
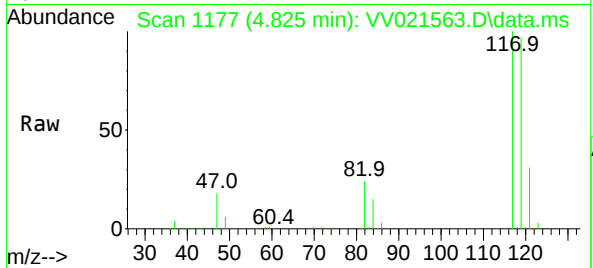




#31
Carbon tetrachloride
Concen: 46.400 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

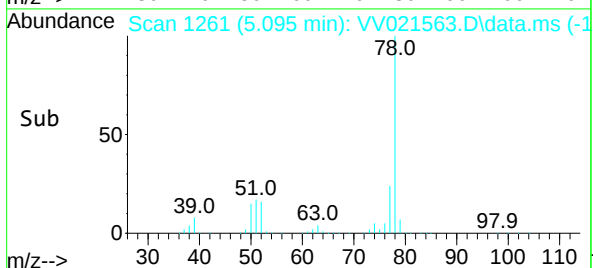
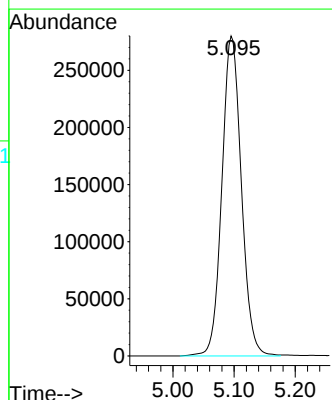
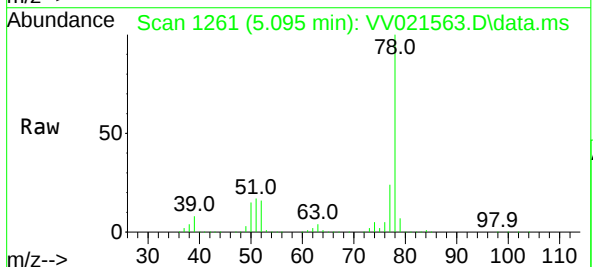
Instrument :
MSVOA_V
ClientSampled :

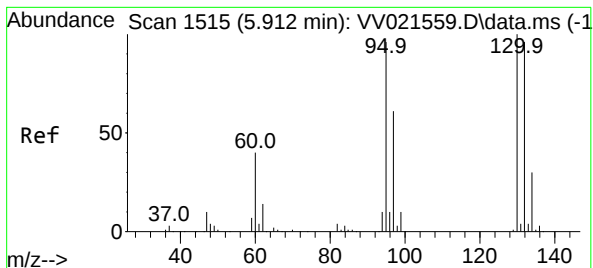
Tgt Ion:117 Resp: 209477
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2



#33
Benzene
Concen: 53.668 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion: 78 Resp: 618818

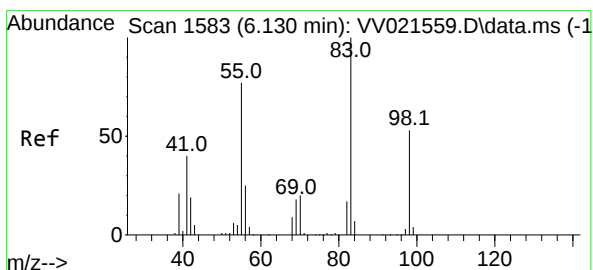
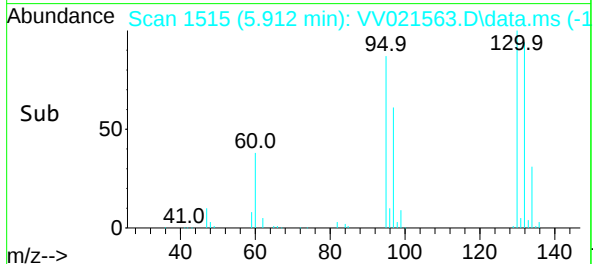
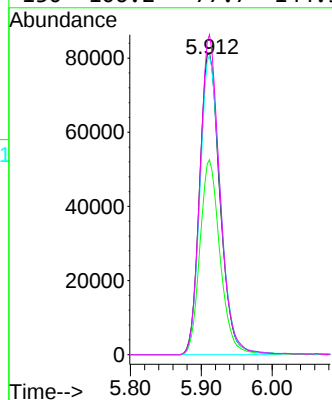
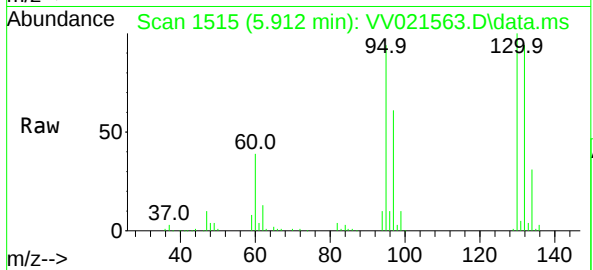




#34
Trichloroethene
Concen: 52.000 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

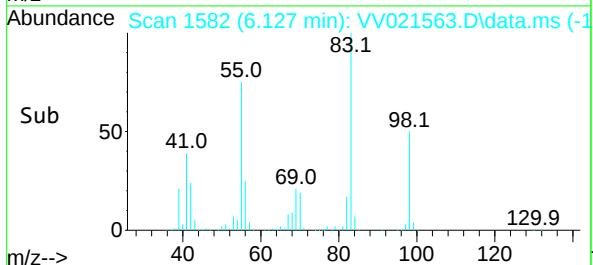
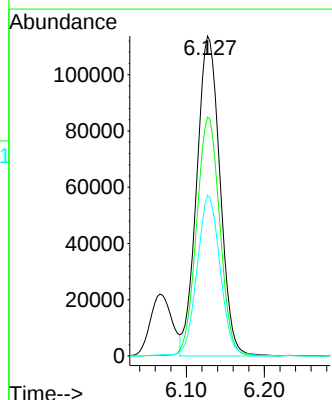
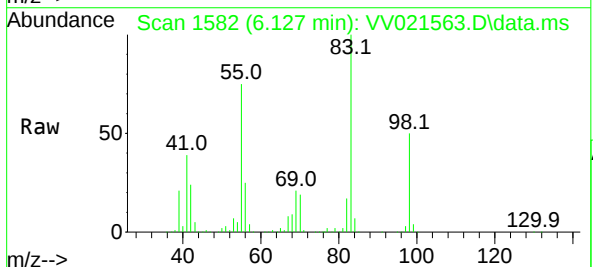
Instrument :
MSVOA_V
ClientSampleId :

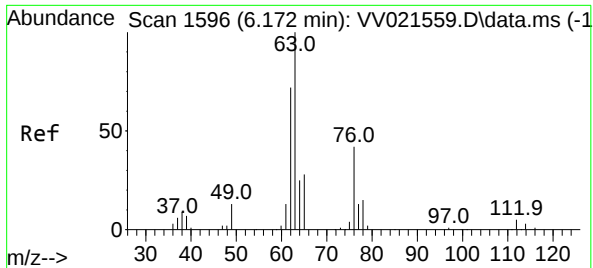
Tgt Ion: 95 Resp: 162980
Ion Ratio Lower Upper
95 100
97 64.7 44.3 82.3
132 99.4 73.2 136.0
130 106.2 77.7 144.3



#35
Methylcyclohexane
Concen: 46.882 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion: 83 Resp: 235876
Ion Ratio Lower Upper
83 100
55 74.3 58.0 87.0
98 49.7 40.8 61.2

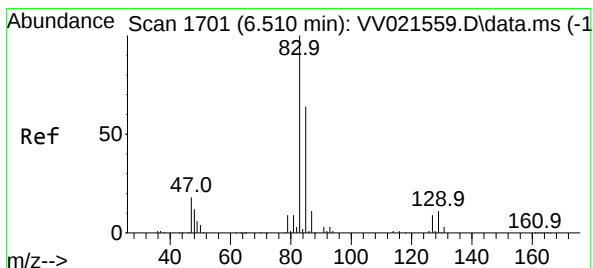
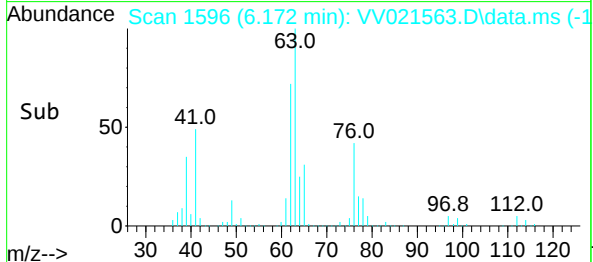
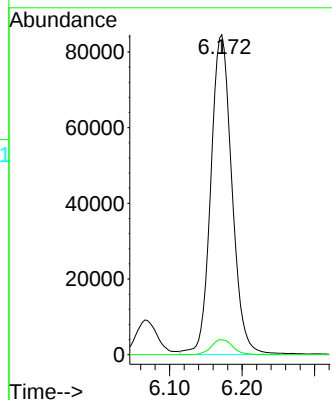
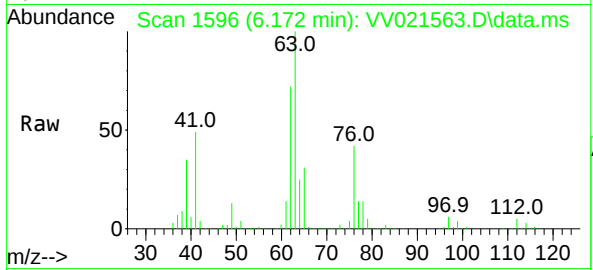




#37
1,2-Dichloropropane
Concen: 58.084 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

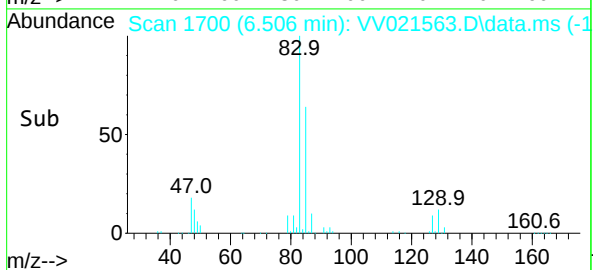
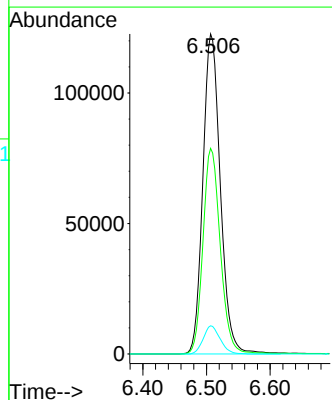
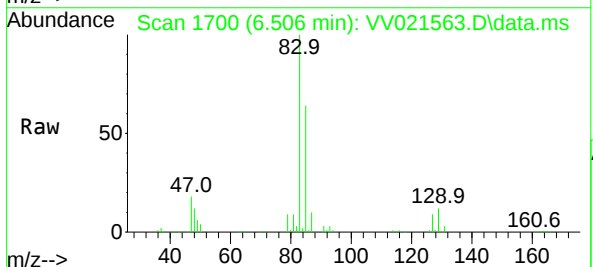
Instrument :
MSVOA_V
ClientSampled :

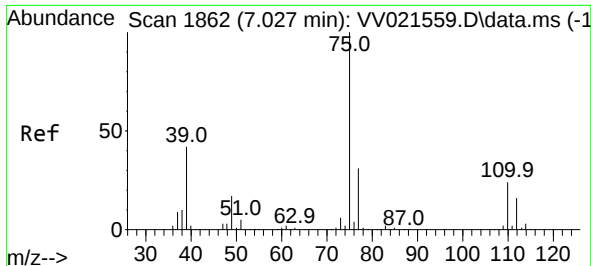
Tgt Ion: 63 Resp: 170764
Ion Ratio Lower Upper
63 100
112 4.8 4.0 6.0



#38
Bromodichloromethane
Concen: 56.804 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion: 83 Resp: 234342
Ion Ratio Lower Upper
83 100
85 64.3 44.6 82.8
127 8.8 7.6 11.4

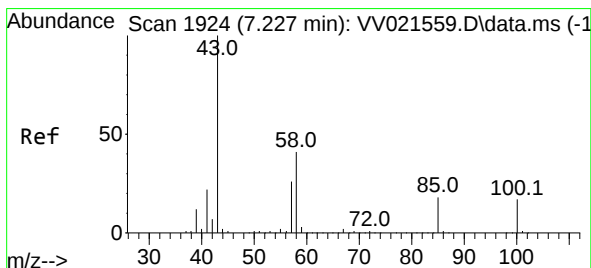
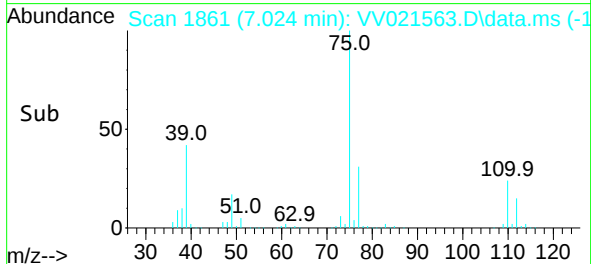
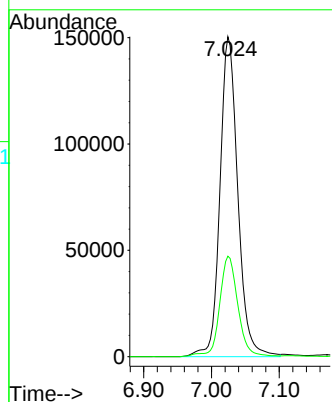
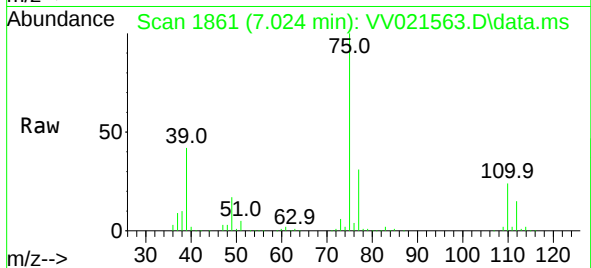




#39
 cis-1,3-Dichloropropene
 Concen: 55.773 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV021563.D
 Acq: 24 Jun 2021 12:10

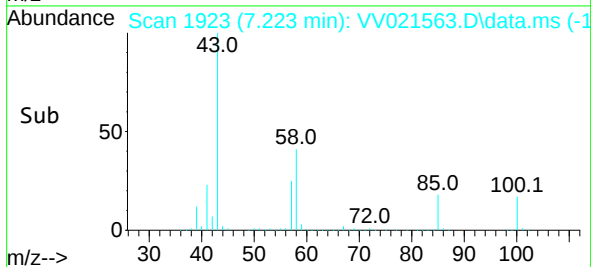
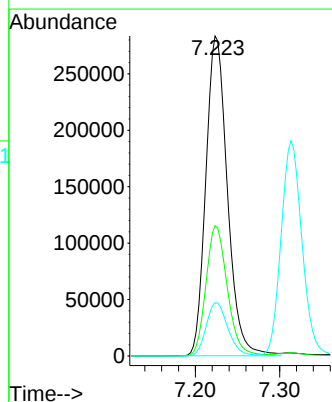
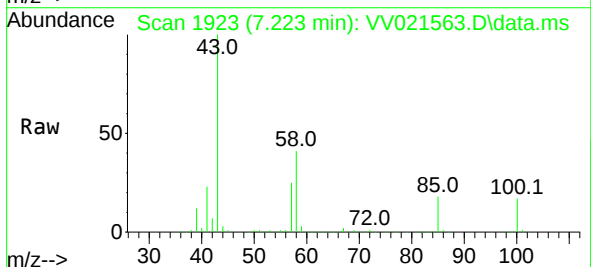
Instrument :
 MSVOA_V
 ClientSampled :

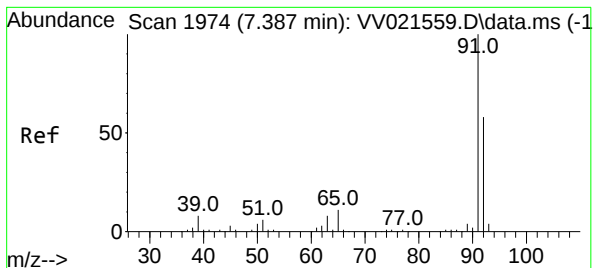
Tgt Ion: 75 Resp: 275675
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 126.670 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV021563.D
 Acq: 24 Jun 2021 12:10

Tgt Ion: 43 Resp: 504935
 Ion Ratio Lower Upper
 43 100
 58 40.4 33.5 50.3
 100 16.7 14.8 22.2





#42

Toluene

Concen: 51.745 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV021563.D

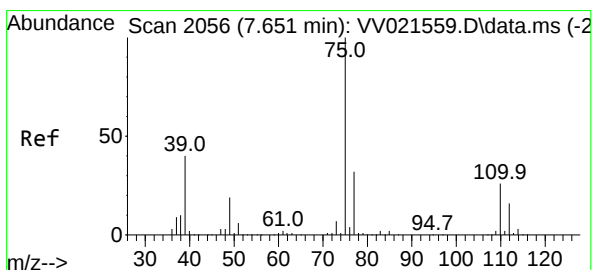
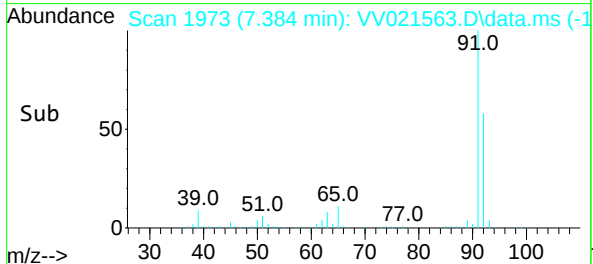
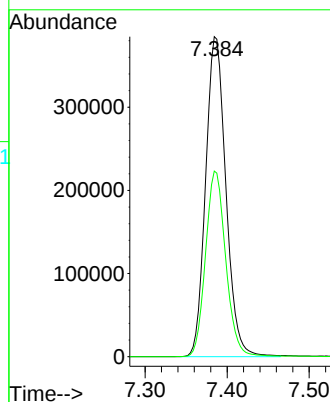
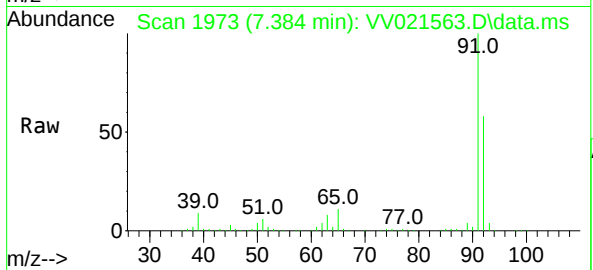
Acq: 24 Jun 2021 12:10

Tgt Ion: 91 Resp: 661889

Ion Ratio Lower Upper

91 100

92 58.0 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 56.370 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV021563.D

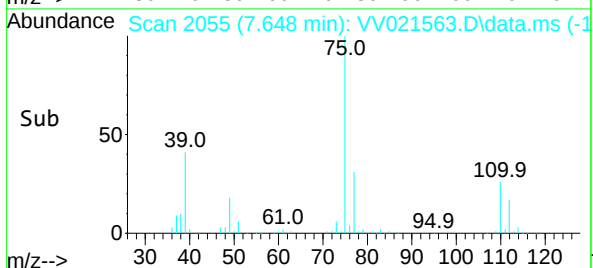
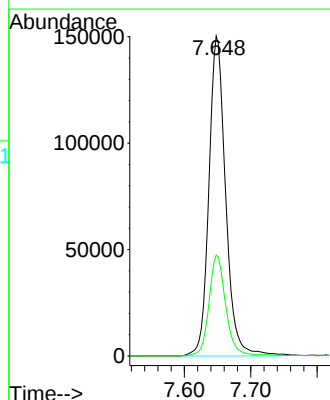
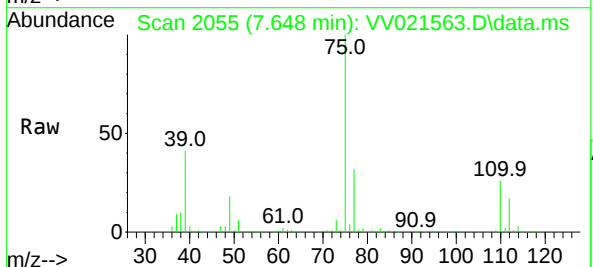
Acq: 24 Jun 2021 12:10

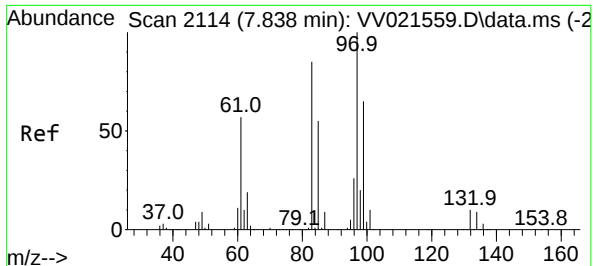
Tgt Ion: 75 Resp: 263588

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5



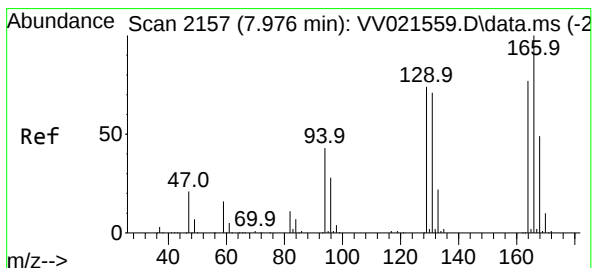
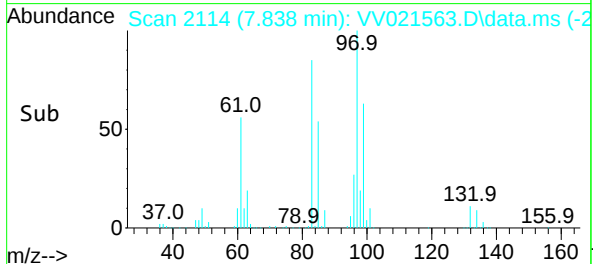
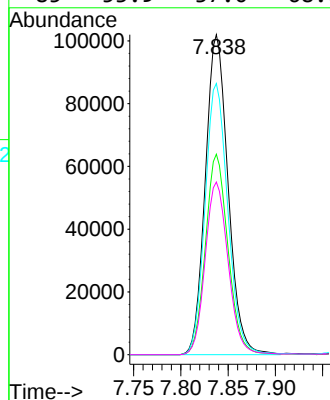
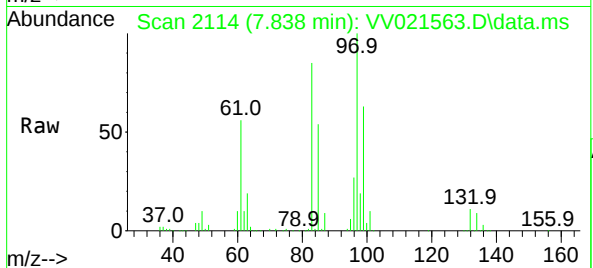


#45

1,1,2-Trichloroethane
Concen: 57.283 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Instrument :
MSVOA_V
ClientSampled :

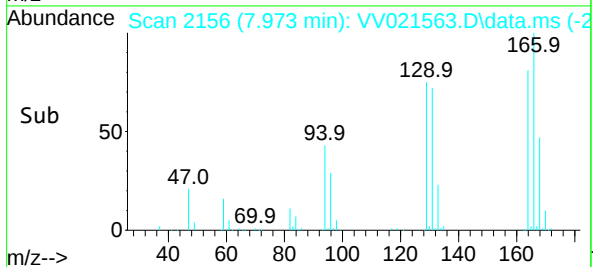
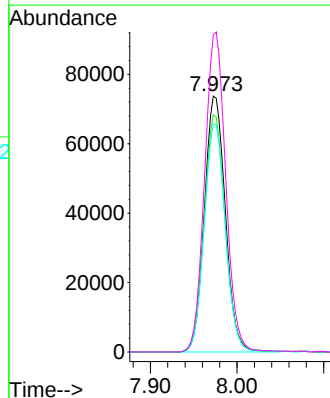
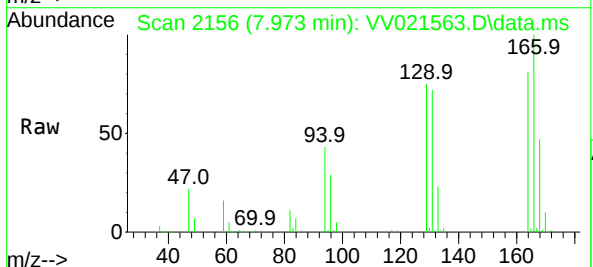
Tgt Ion:	97	Resp:	170922
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.7	81.1
83	84.8	57.1	106.1
85	53.9	37.0	68.6

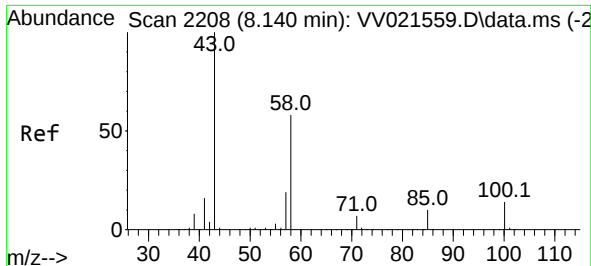


#46

Tetrachloroethene
Concen: 43.086 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion:	164	Resp:	124157
Ion	Ratio	Lower	Upper
164	100		
129	92.7	60.5	112.3
131	89.0	58.7	108.9
166	124.0	88.1	163.5

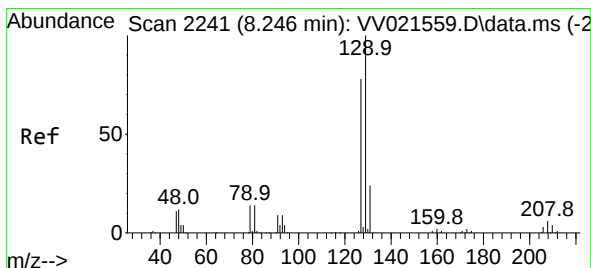
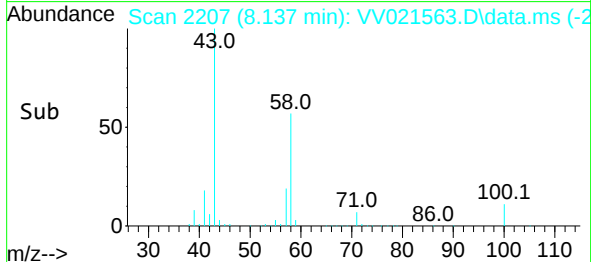
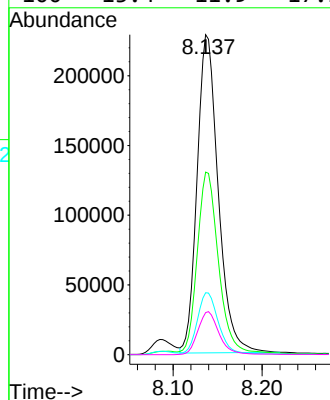
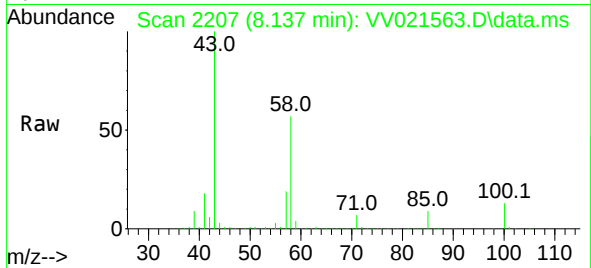




#48
2-Hexanone
Concen: 123.450 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

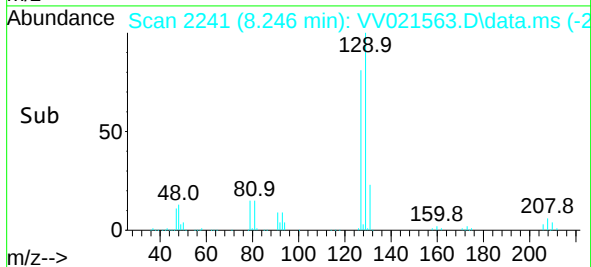
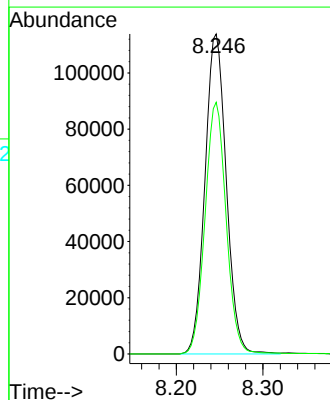
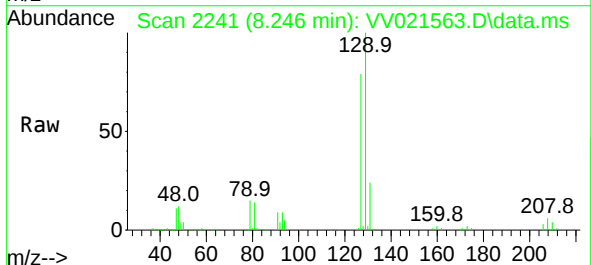
Instrument :
MSVOA_V
ClientSampleId :

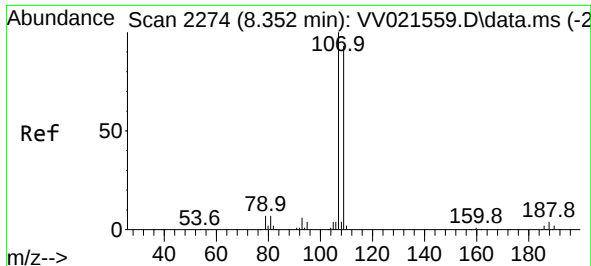
Tgt Ion	Ratio	Lower	Upper
43	100		
58	58.3	47.1	70.7
57	19.4	16.0	24.0
100	13.4	11.9	17.9



#49
Dibromochloromethane
Concen: 52.120 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.0	98.4





#50

1,2-Dibromoethane

Concen: 55.321 ug/L

RT: 8.352 min Scan# 2274

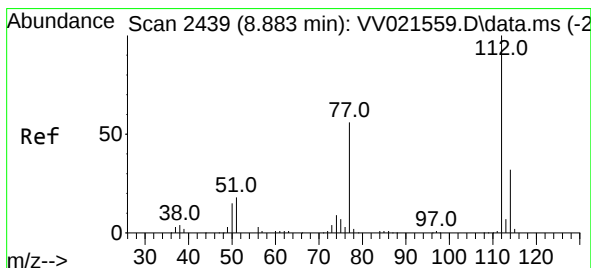
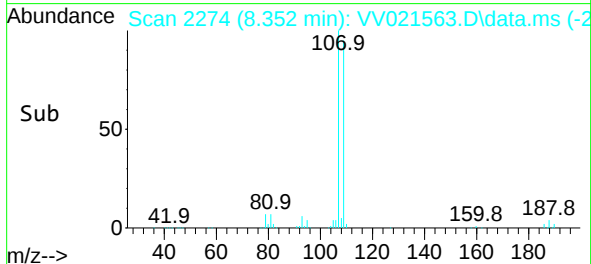
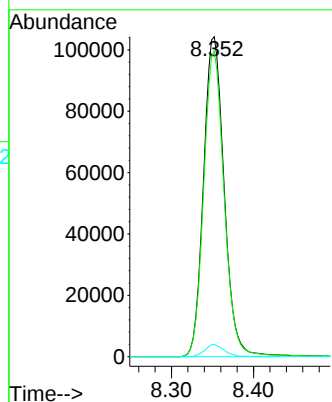
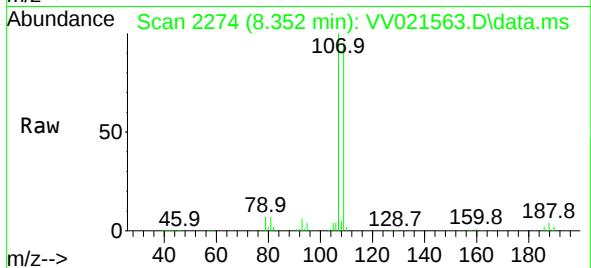
Delta R.T. 0.000 min

Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	107	Resp:	181681
Ion	Ratio	Lower	Upper
107	100		
109	95.5	66.7	123.9
188	3.8	3.8	5.8#



#51

Chlorobenzene

Concen: 51.173 ug/L

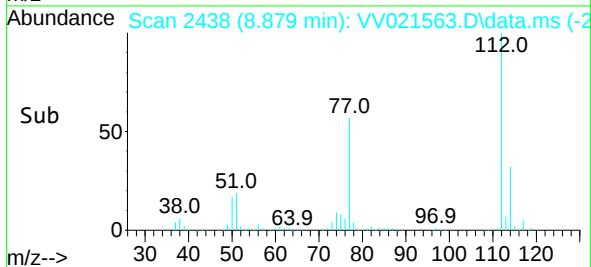
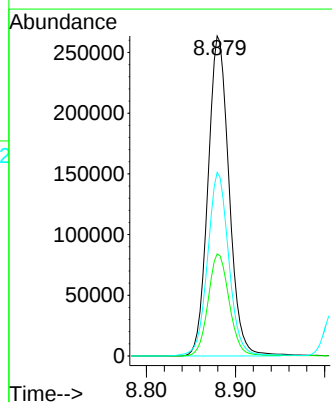
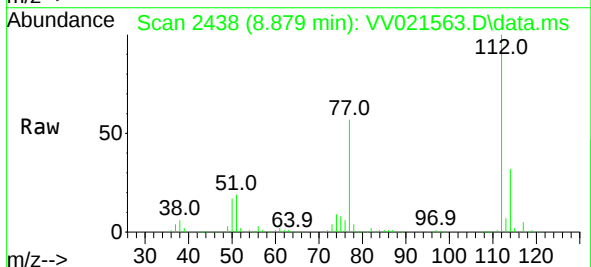
RT: 8.879 min Scan# 2438

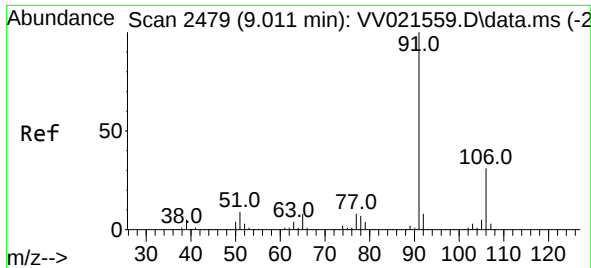
Delta R.T. -0.003 min

Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

Tgt Ion:	112	Resp:	432757
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.9
77	57.3	43.8	65.6

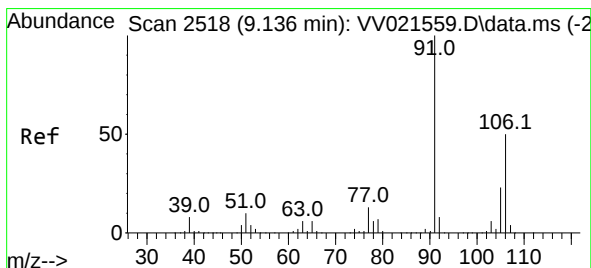
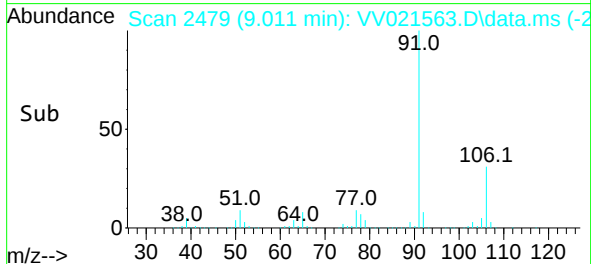
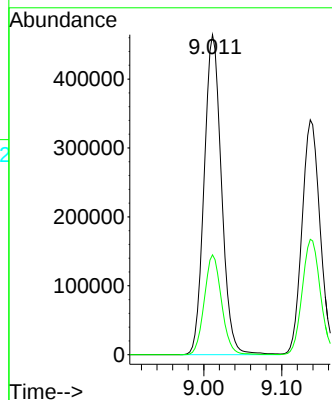
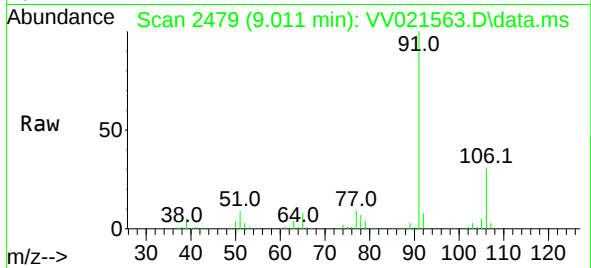




#52
Ethylbenzene
Concen: 51.115 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

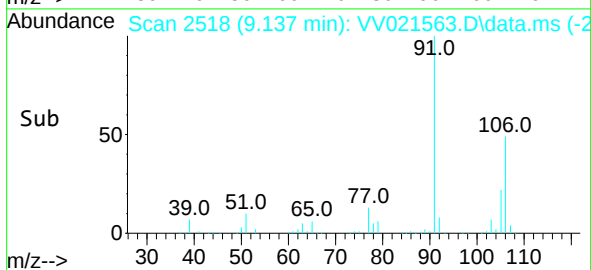
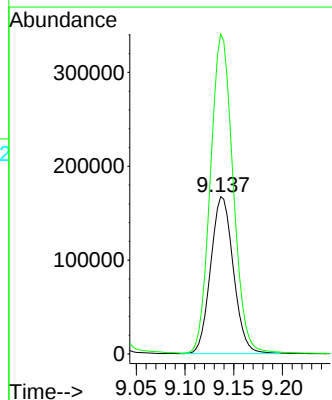
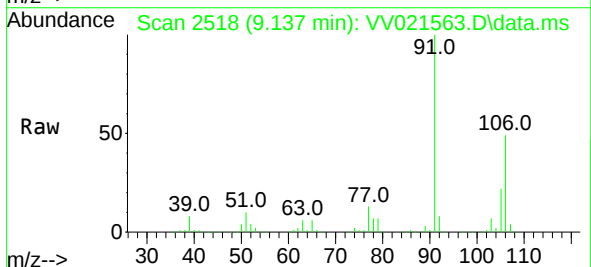
Instrument :
MSVOA_V
ClientSampled :

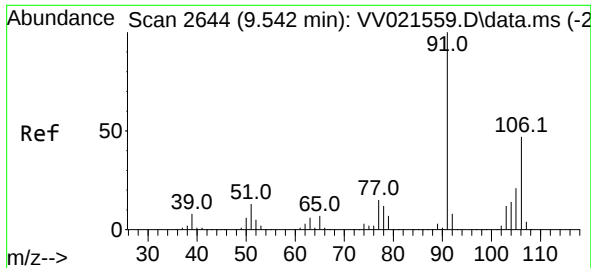
Tgt Ion: 91 Resp: 718130
Ion Ratio Lower Upper
91 100
106 31.2 22.4 41.6



#53
m,p-Xylene
Concen: 50.236 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion: 106 Resp: 271181
Ion Ratio Lower Upper
106 100
91 203.5 139.4 258.8

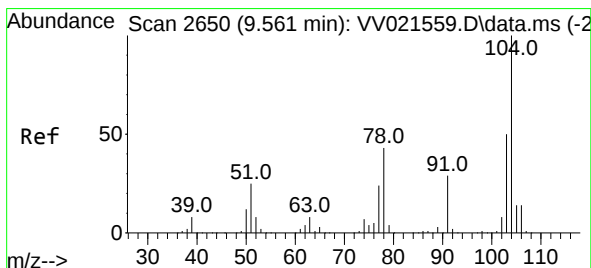
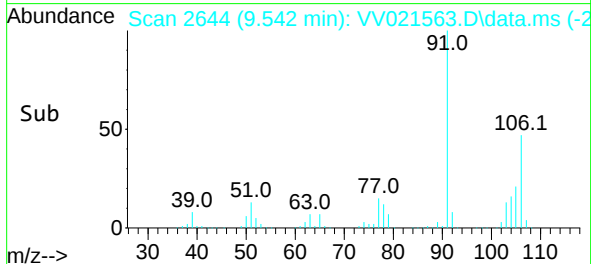
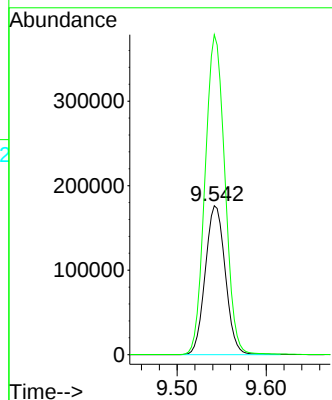
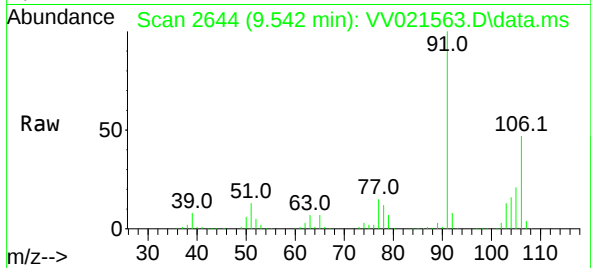




#54
o-Xylene
Concen: 51.653 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

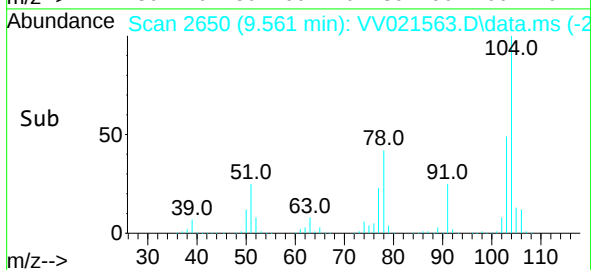
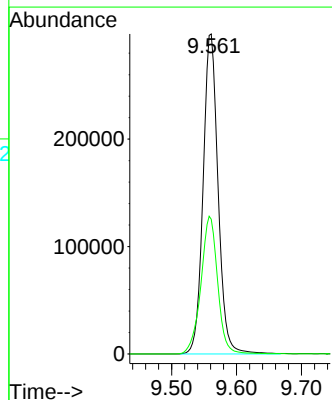
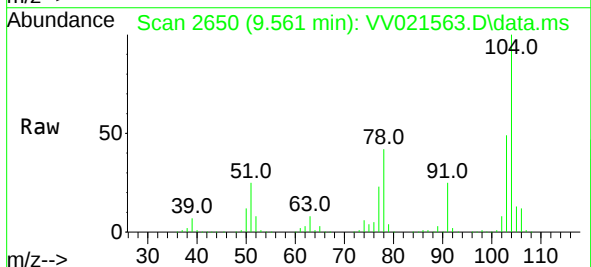
Instrument :
MSVOA_V
ClientSampled :

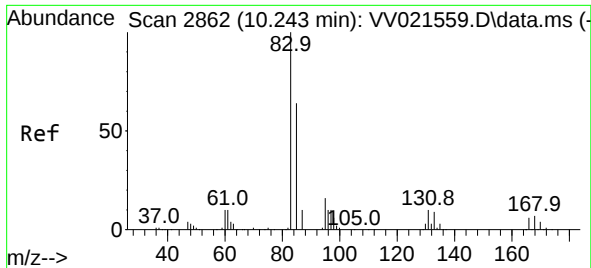
Tgt Ion:106 Resp: 275310
Ion Ratio Lower Upper
106 100
91 214.8 148.5 275.9



#55
Styrene
Concen: 52.255 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion:104 Resp: 479345
Ion Ratio Lower Upper
104 100
78 42.1 30.3 56.3

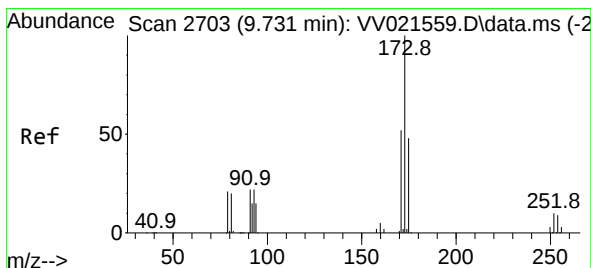
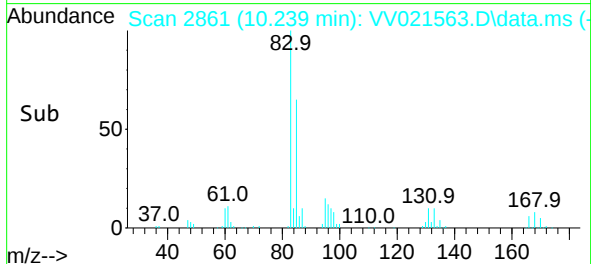
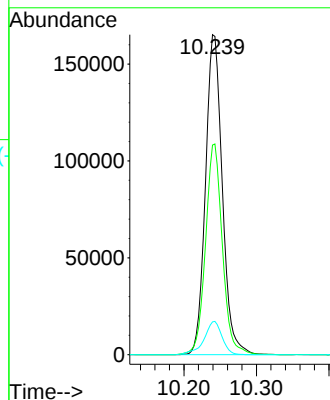
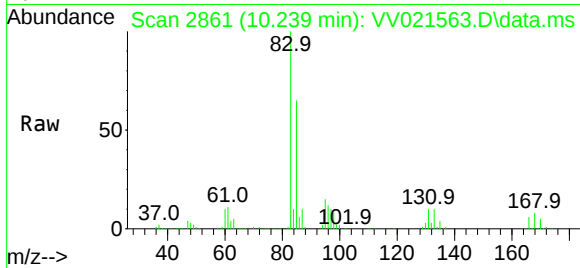




#57
1,1,2,2-Tetrachloroethane
Concen: 57.227 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

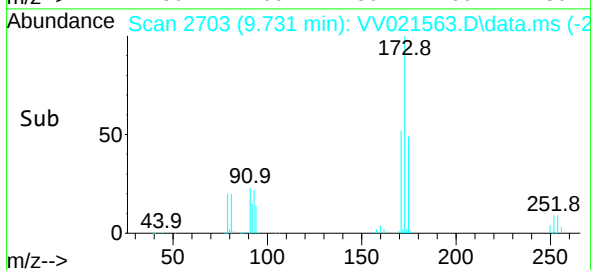
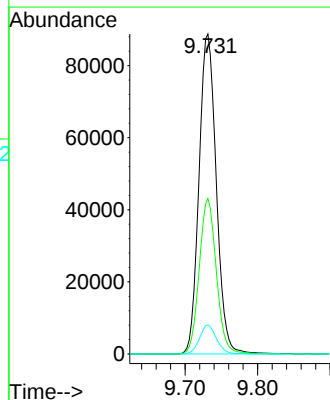
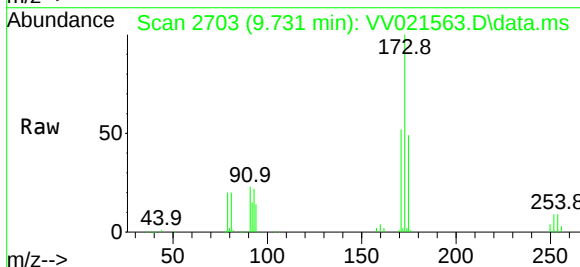
Instrument :
MSVOA_V
ClientSampleId :

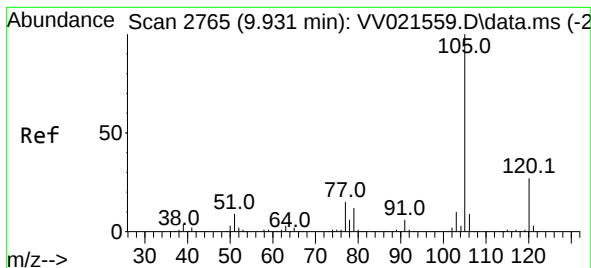
Tgt Ion: 83 Resp: 266549
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2
131 10.3 8.7 13.1



#59
Bromoform
Concen: 51.088 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion: 173 Resp: 146976
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
254 8.9 9.8 14.8#





#60

Isopropylbenzene

Concen: 53.719 ug/L

RT: 9.931 min Scan# 2765

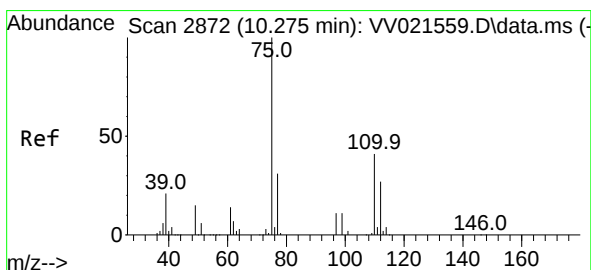
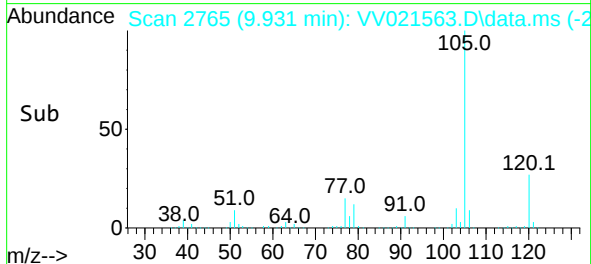
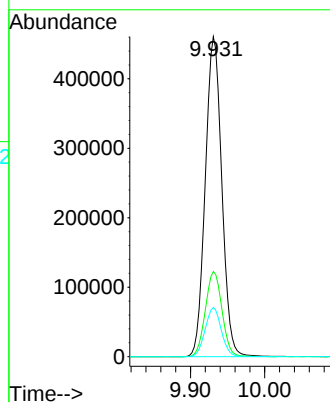
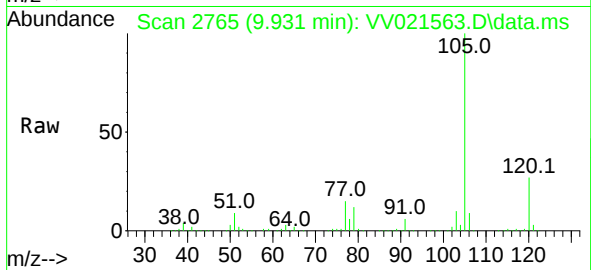
Delta R.T. 0.000 min

Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

Tgt Ion:	105	Resp:	709749
Ion Ratio	Lower	Upper	
105	100		
120	26.8	21.7	32.5
77	15.0	11.5	17.3

Instrument :
MSVOA_V
ClientSampleId :



#61

1,2,3-Trichloropropane

Concen: 64.567 ug/L

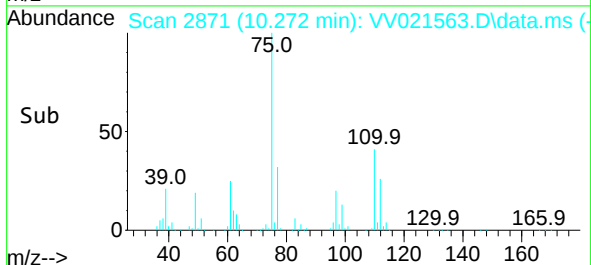
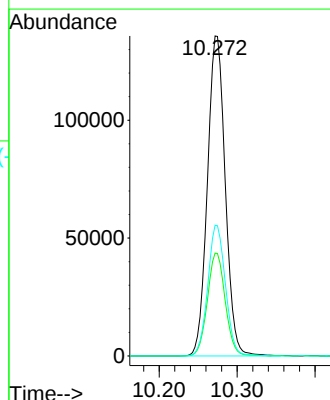
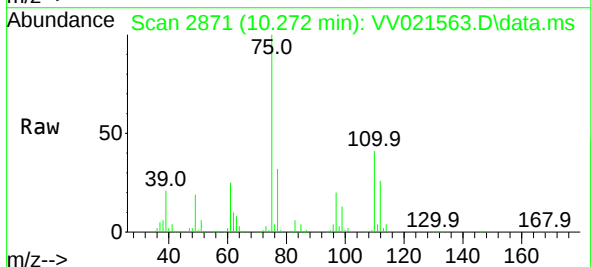
RT: 10.272 min Scan# 2871

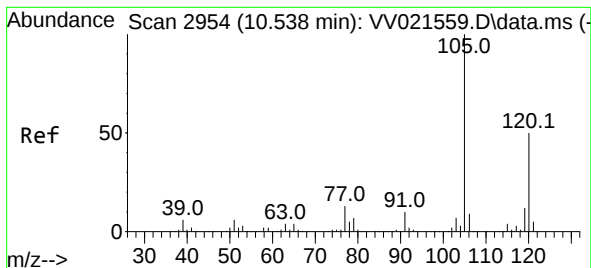
Delta R.T. -0.003 min

Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

Tgt Ion:	75	Resp:	216314
Ion Ratio	Lower	Upper	
75	100		
77	32.1	25.9	38.9
110	40.4	34.8	52.2

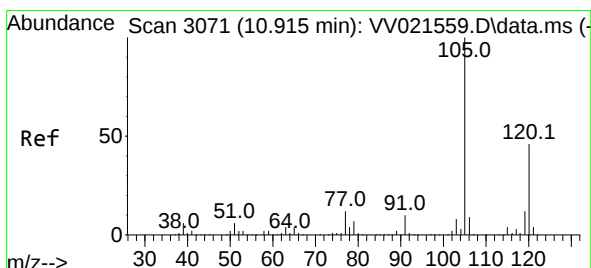
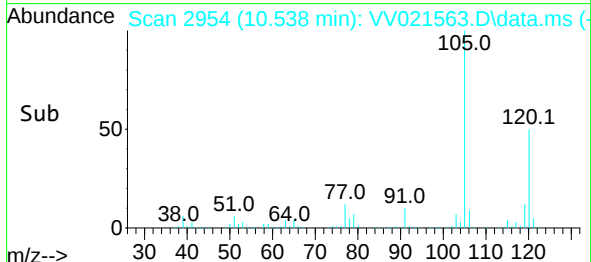
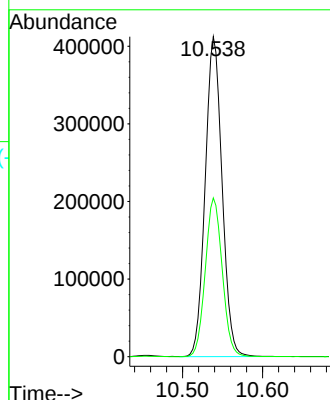
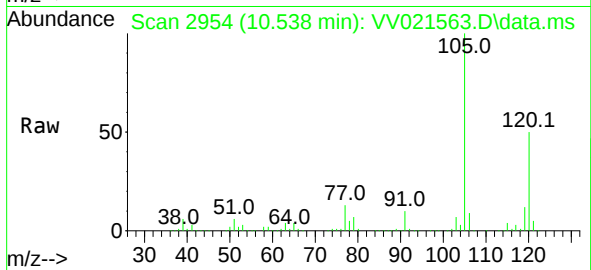




#62
1,3,5-Trimethylbenzene
Concen: 53.272 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

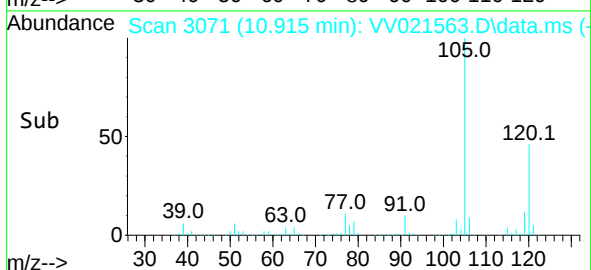
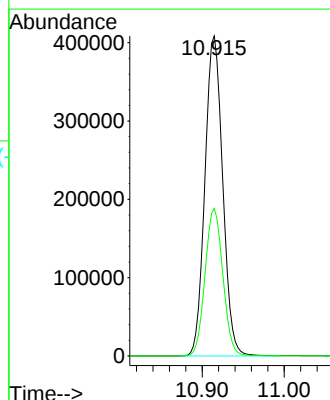
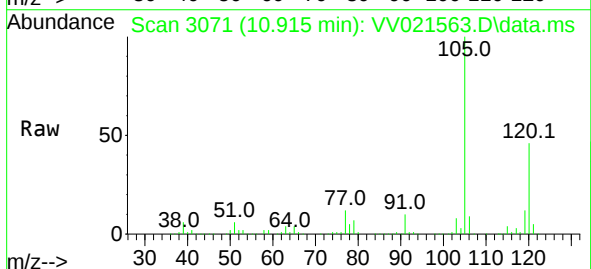
Instrument :
MSVOA_V
ClientSampled :

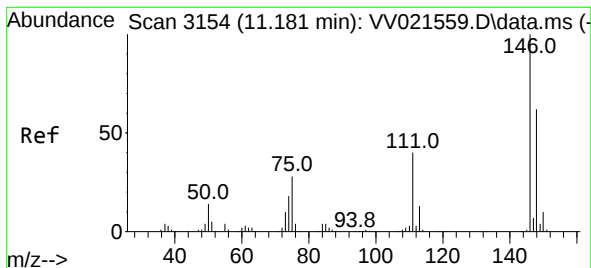
Tgt Ion:105 Resp: 605926
Ion Ratio Lower Upper
105 100
120 49.8 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 53.598 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion:105 Resp: 615846
Ion Ratio Lower Upper
105 100
120 46.0 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 50.480 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

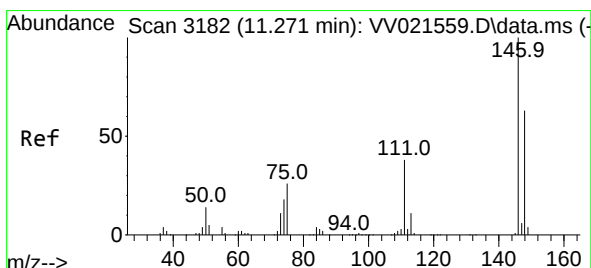
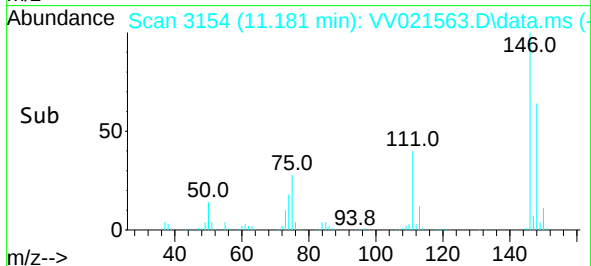
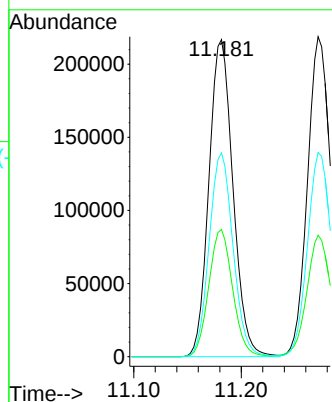
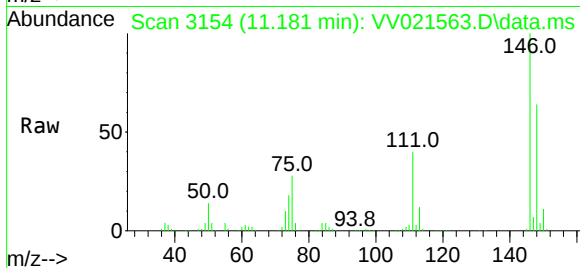
Tgt Ion:146 Resp: 336885

Ion Ratio Lower Upper

146 100

111 40.1 26.0 48.2

148 64.3 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 50.184 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV021563.D

Acq: 24 Jun 2021 12:10

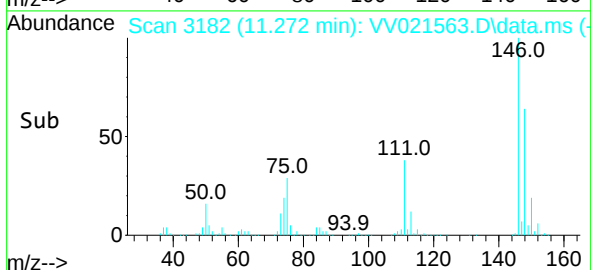
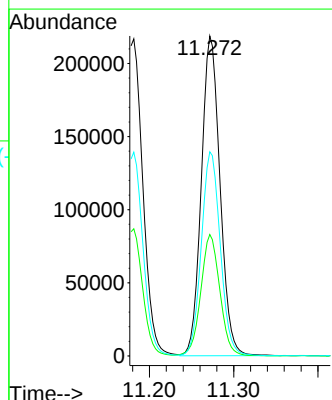
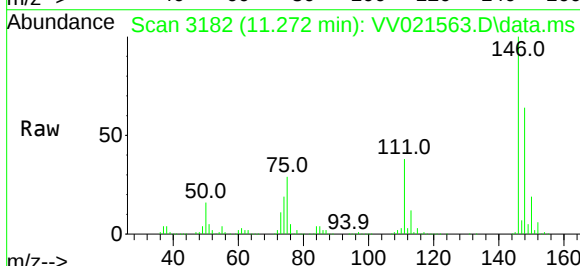
Tgt Ion:146 Resp: 338131

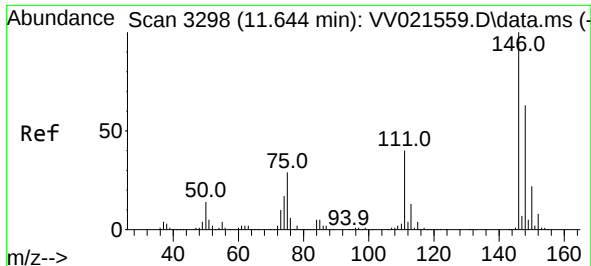
Ion Ratio Lower Upper

146 100

111 38.0 25.4 47.2

148 63.8 45.4 84.4

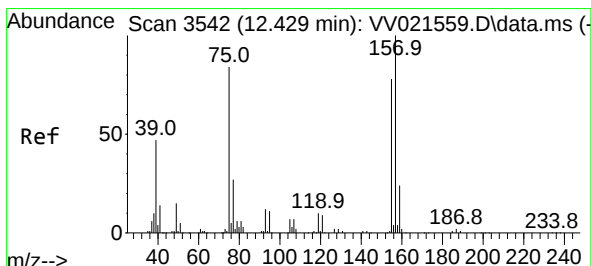
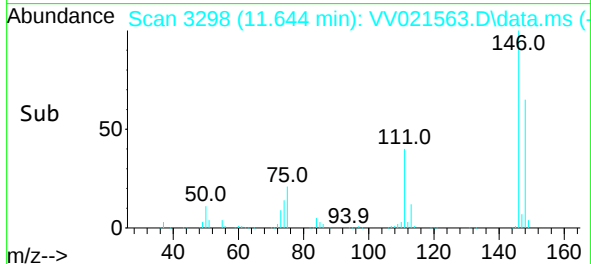
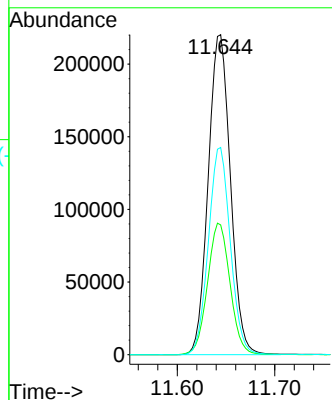
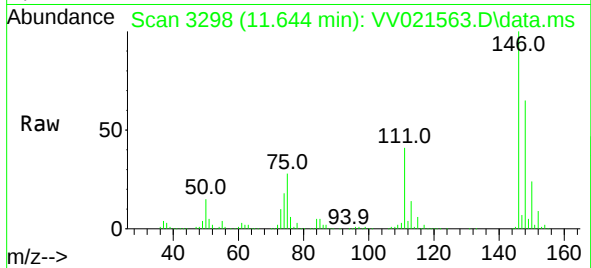




#67
1,2-Dichlorobenzene
Concen: 52.265 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

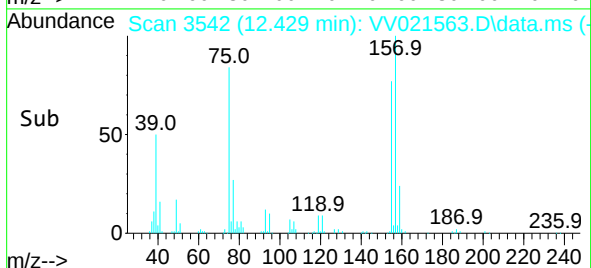
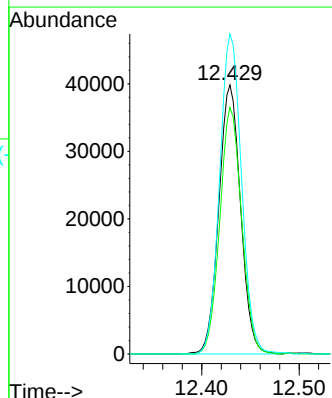
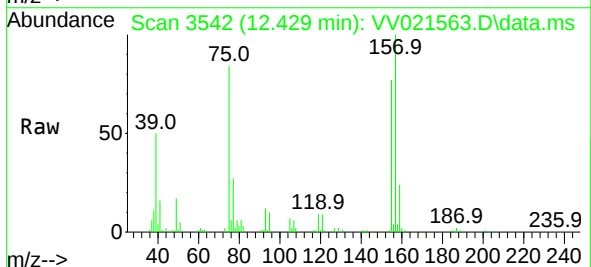
Instrument :
MSVOA_V
ClientSampleId :

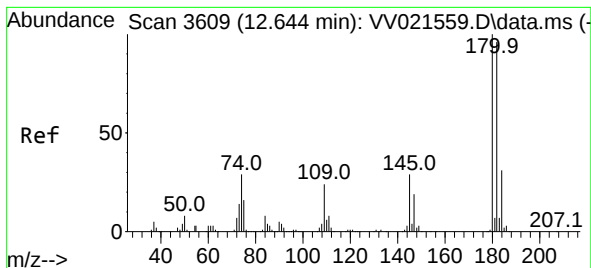
Tgt Ion:146 Resp: 349249
Ion Ratio Lower Upper
146 100
111 40.6 30.8 46.2
148 64.8 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 59.279 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion: 75 Resp: 61869
Ion Ratio Lower Upper
75 100
155 91.7 89.7 134.5
157 119.0 113.2 169.8

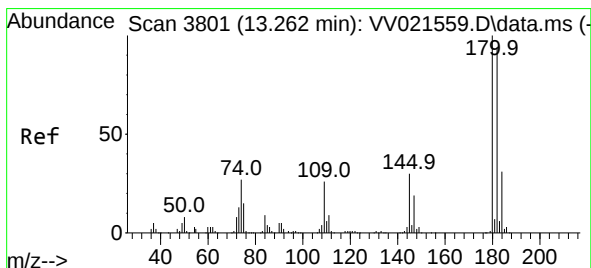
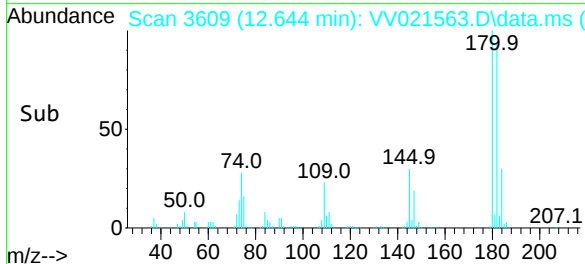
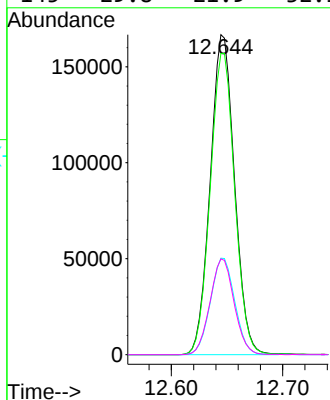
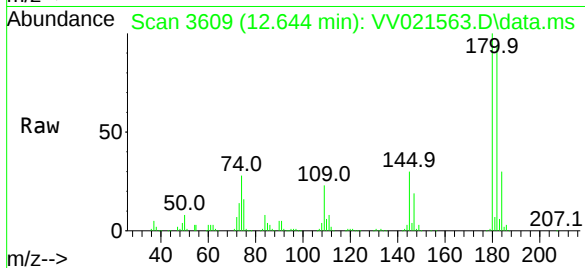




#69
1,3,5-Trichlorobenzene
Concen: 44.813 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

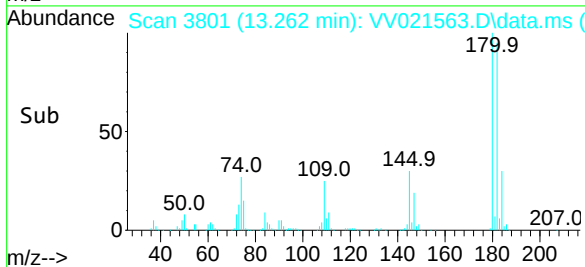
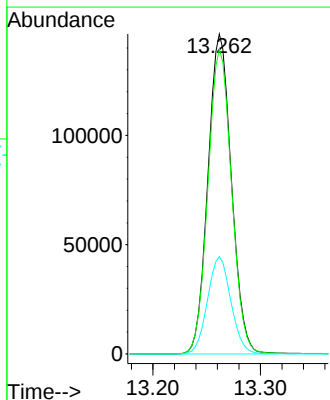
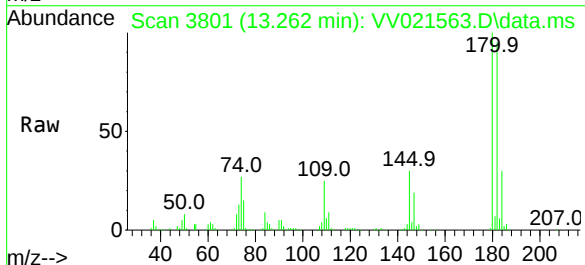
Instrument :
MSVOA_V
ClientSampleId :

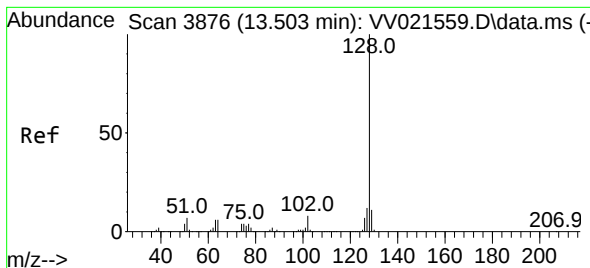
Tgt Ion:180 Resp: 252290
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
184 30.3 24.3 36.5
145 29.8 21.9 32.9



#70
1,2,4-trichlorobenzene
Concen: 44.114 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion:180 Resp: 221873
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.4
145 30.4 21.8 32.8

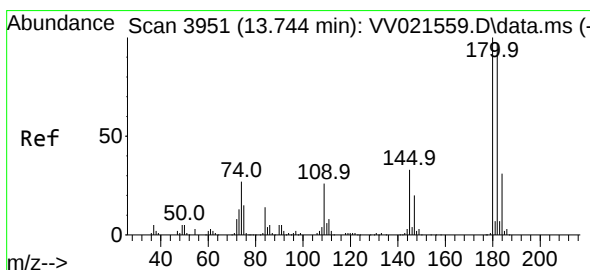
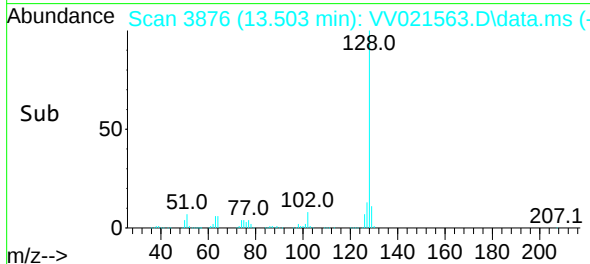
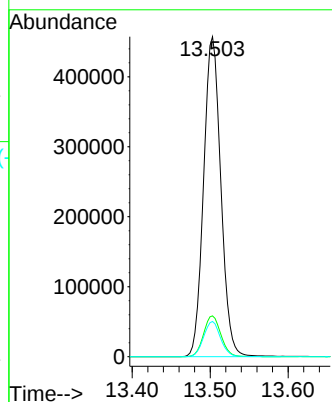
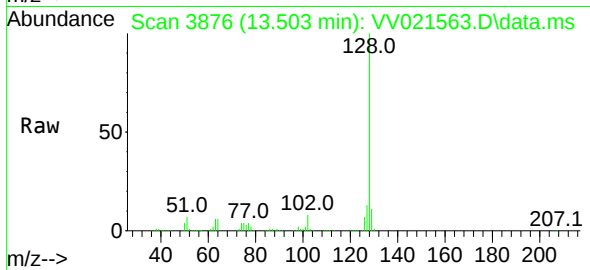




#71
Naphthalene
Concen: 50.598 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 701951
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 45.960 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021563.D
Acq: 24 Jun 2021 12:10

Tgt Ion:180 Resp: 225002
Ion Ratio Lower Upper
180 100
182 95.0 76.3 114.5
145 31.8 24.0 36.0

