

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062521\
 Data File : VW021569.D
 Acq On : 25 Jun 2021 12:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 26 02:31:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 26 02:29:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	417147	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	399683	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	217978	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108727	39.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.180%		
7) Chloroethane-d5	1.568	69	100169	49.030	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.060%		
11) 1,1-Dichloroethene-d2	2.105	63	211718	45.114	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.220%		
21) 2-Butanone-d5	3.892	46	255328	129.647	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	129.650%		
24) Chloroform-d	4.346	84	277224	50.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.420%		
26) 1,2-Dichloroethane-d4	5.027	65	175292	55.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.340%		
32) Benzene-d6	5.047	84	532625	47.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.280%		
36) 1,2-Dichloropropane-d6	6.066	67	176242	51.041	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.080%		
41) Toluene-d8	7.313	98	476401	44.722	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.440%		
43) trans-1,3-Dichloroprop...	7.619	79	90541	48.997	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.000%		
47) 2-Hexanone-d5	8.088	63	179980	113.514	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.510%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	256643	53.544	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.080%		
66) 1,2-Dichlorobenzene-d4	11.625	152	202482	44.686	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	119228	41.236	ug/L	98
3) Chloromethane	1.240	50	135433	47.020	ug/L	99
5) Vinyl chloride	1.310	62	133320	45.100	ug/L	98
6) Bromomethane	1.523	94	99510	49.153	ug/L	99
8) Chloroethane	1.584	64	92009	54.742	ug/L	100
9) Trichlorofluoromethane	1.751	101	184754	42.135	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	119564	46.909	ug/L	91
12) 1,1-Dichloroethene	2.114	96	111353	45.483	ug/L	94
13) Acetone	2.433	43	184202	108.705	ug/L	100
14) Carbon disulfide	2.291	76	337269	43.696	ug/L	100
15) Methyl Acetate	2.433	43	191186	65.849	ug/L	96
16) Methylene chloride	2.503	84	168465	54.929	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	137627	49.273	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	545021	61.551	ug/L	98
19) 1,1-Dichloroethane	3.185	63	274175	55.391	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	168737	53.997	ug/L	93
22) 2-Butanone	3.976	43	274779	128.008	ug/L	98
23) Bromochloromethane	4.243	128	93825	54.212	ug/L	92
25) Chloroform	4.371	83	286836	55.998	ug/L	99

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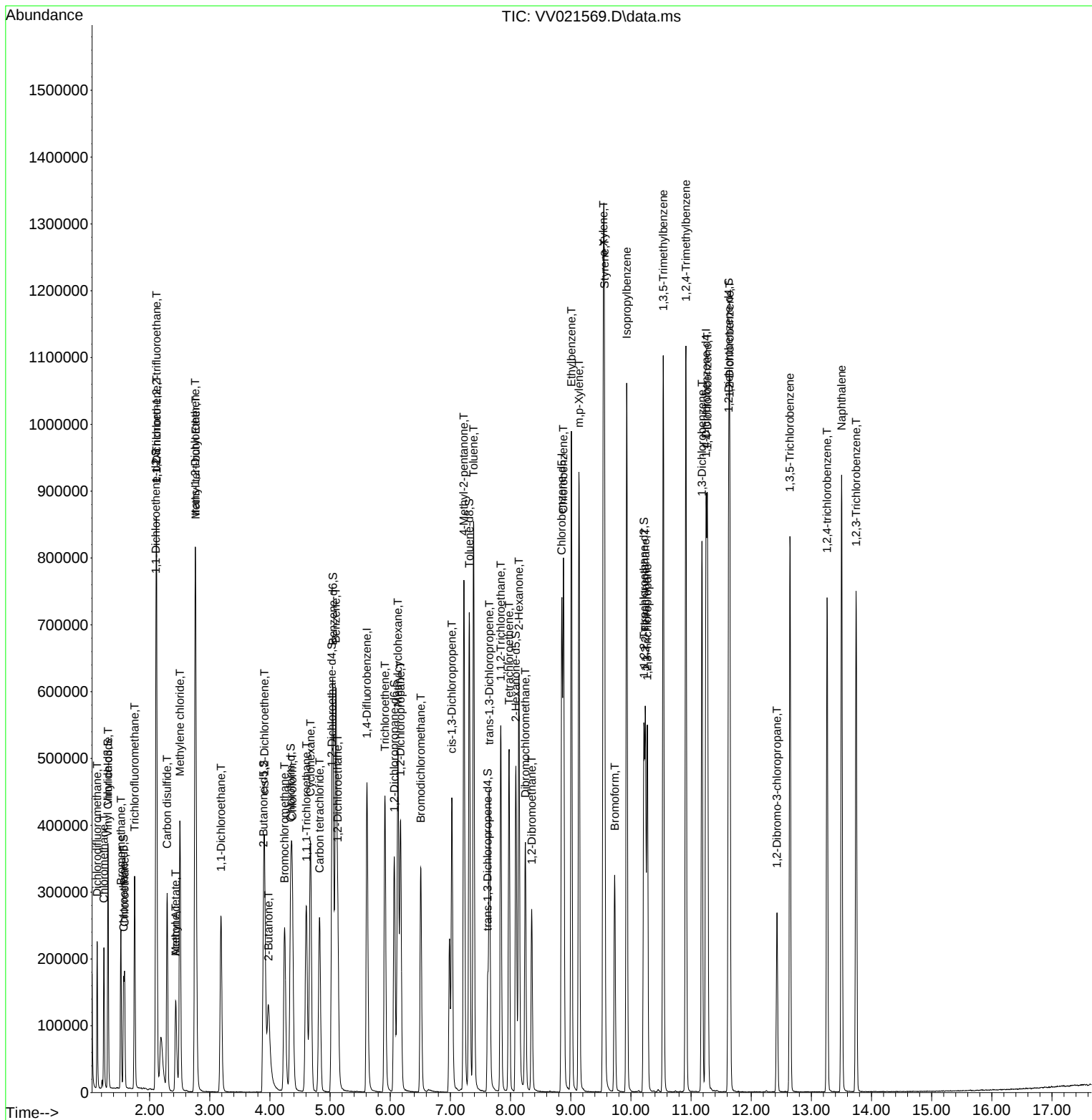
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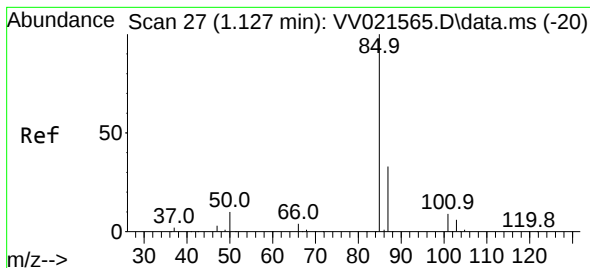
Quant Time: Jun 26 02:31:07 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	223374	63.124	ug/L	100
29) Cyclohexane	4.674	56	218055	46.830	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	234129	47.453	ug/L	97
31) Carbon tetrachloride	4.825	117	201617	45.013	ug/L	99
33) Benzene	5.095	78	596812	52.170	ug/L	100
34) Trichloroethene	5.911	95	155900	50.136	ug/L	96
35) Methylcyclohexane	6.127	83	227191	45.514	ug/L	98
37) 1,2-Dichloropropane	6.172	63	165226	56.646	ug/L	99
38) Bromodichloromethane	6.506	83	229546	56.083	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	272466	55.561	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	519185	131.277	ug/L	98
42) Toluene	7.384	91	635243	50.056	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	261270	56.317	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	171230	57.841	ug/L	98
46) Tetrachloroethene	7.976	164	117098	40.959	ug/L	95
48) 2-Hexanone	8.140	43	402415	132.670	ug/L	98
49) Dibromochloromethane	8.246	129	195751	52.806	ug/L	99
50) 1,2-Dibromoethane	8.352	107	182212	55.923	ug/L	98
51) Chlorobenzene	8.879	112	427671	50.973	ug/L	98
52) Ethylbenzene	9.011	91	691793	49.630	ug/L	99
53) m,p-Xylene	9.136	106	266014	49.669	ug/L	99
54) o-Xylene	9.542	106	271875	51.413	ug/L	100
55) Styrene	9.561	104	470654	51.714	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	271888	58.837	ug/L	98
59) Bromoform	9.731	173	146382	49.771	ug/L #	98
60) Isopropylbenzene	9.931	105	689109	51.018	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	221498	64.671	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	588876	50.642	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	608230	51.779	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	335190	49.129	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	337918	49.058	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	348946	51.080	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	64641	60.583	ug/L	84
69) 1,3,5-Trichlorobenzene	12.644	180	250968	43.605	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	222529	43.278	ug/L	98
71) Naphthalene	13.503	128	721229	50.852	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	225252	45.007	ug/L	99

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

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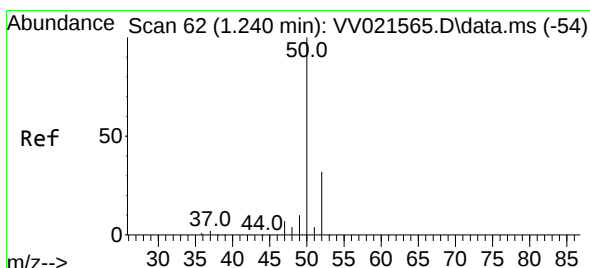
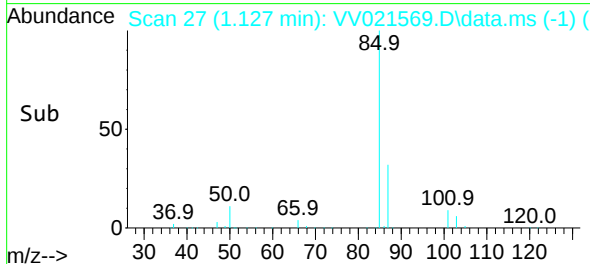
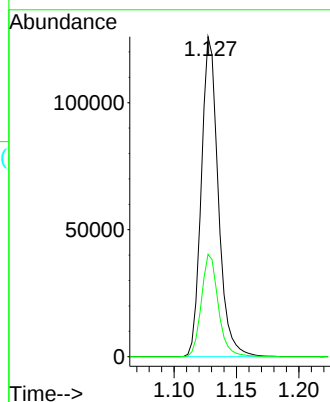
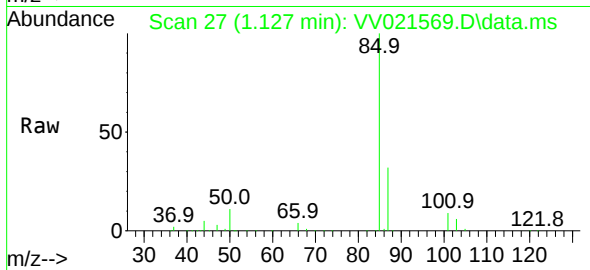




#2
 Dichlorodifluoromethane
 Concen: 41.236 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021569.D
 Acq: 25 Jun 2021 12:03

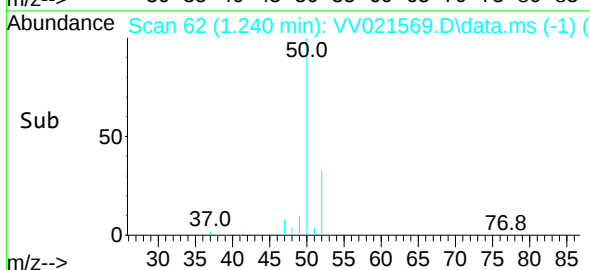
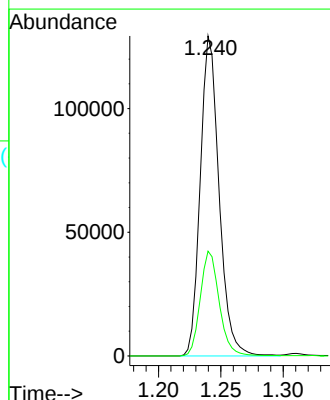
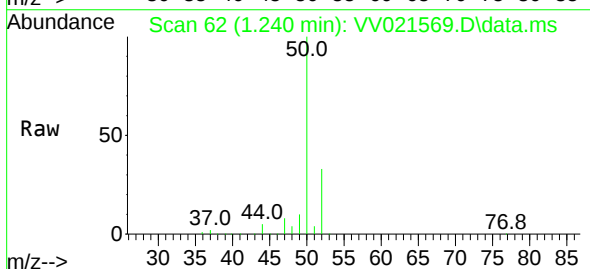
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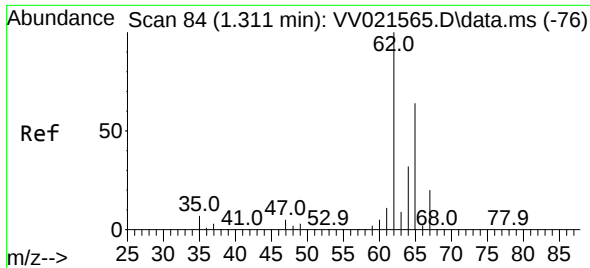
Tgt Ion: 85 Resp: 119228
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 39.8



#3
 Chloromethane
 Concen: 47.020 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021569.D
 Acq: 25 Jun 2021 12:03

Tgt Ion: 50 Resp: 135433
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.3 43.3

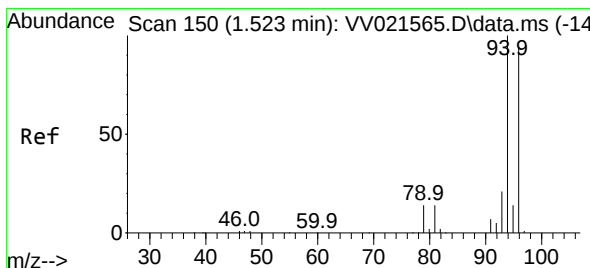
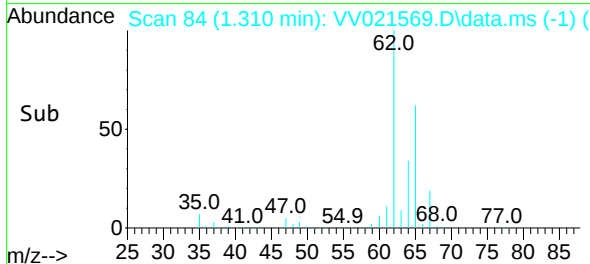
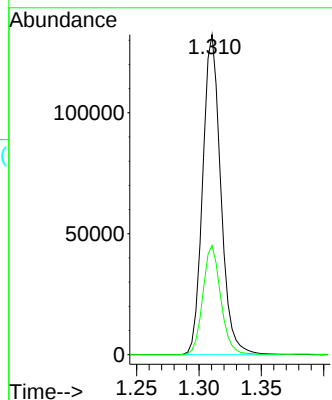
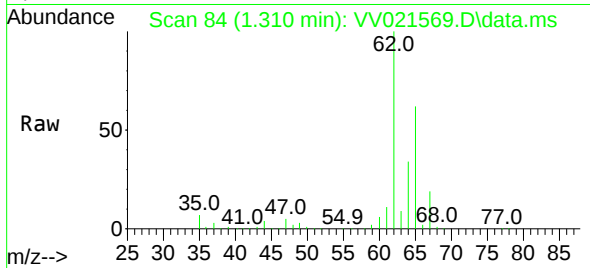




#5
 Vinyl chloride
 Concen: 45.100 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021569.D
 Acq: 25 Jun 2021 12:03

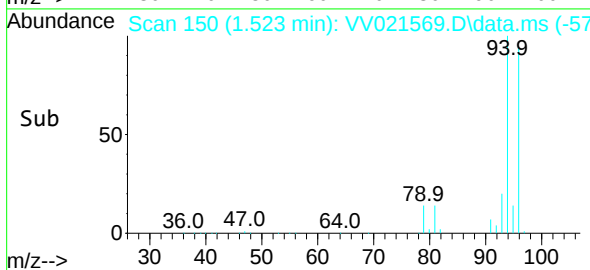
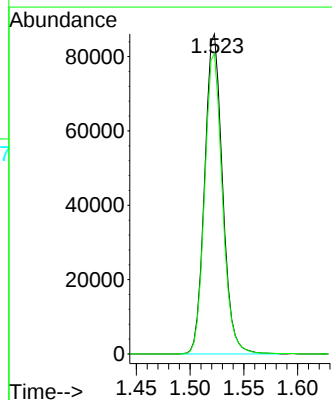
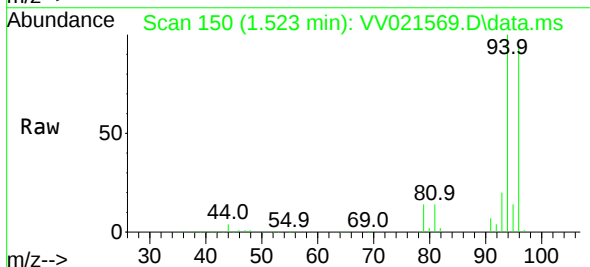
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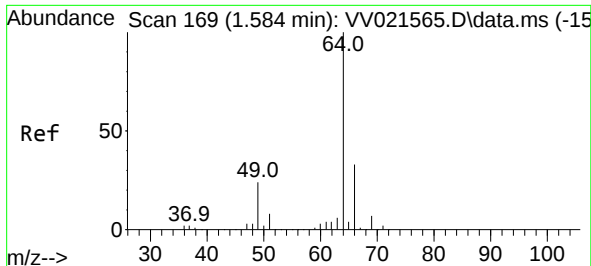
Tgt Ion: 62 Resp: 133320
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.1 42.9



#6
 Bromomethane
 Concen: 49.153 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV021569.D
 Acq: 25 Jun 2021 12:03

Tgt Ion: 94 Resp: 99510
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.2 121.0

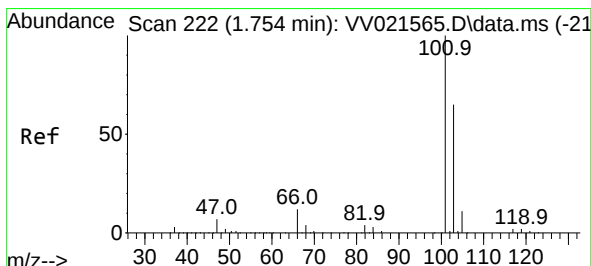
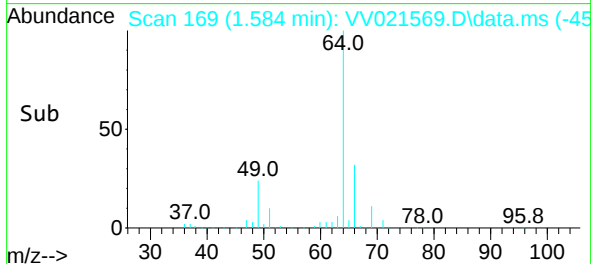
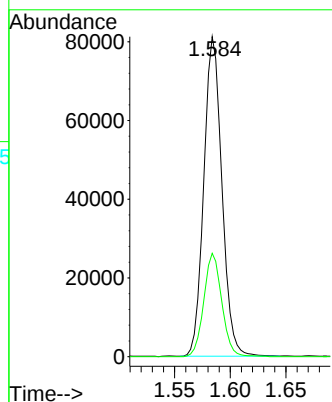
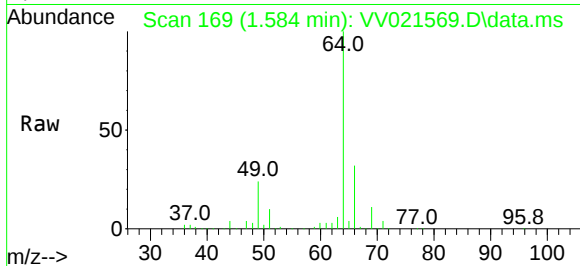




#8
Chloroethane
Concen: 54.742 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

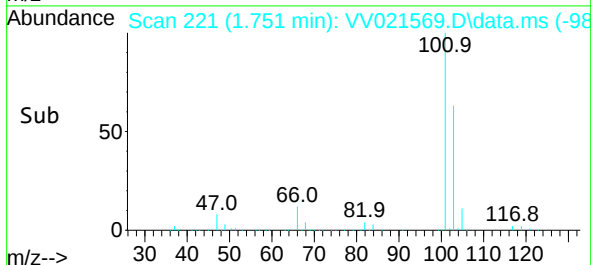
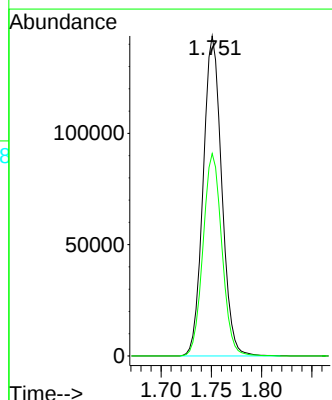
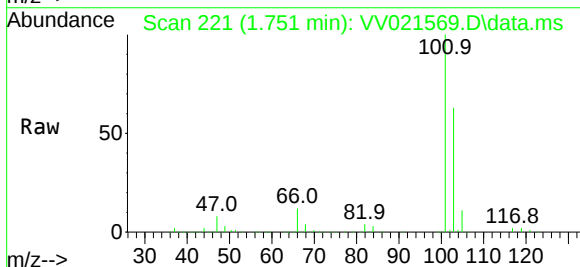
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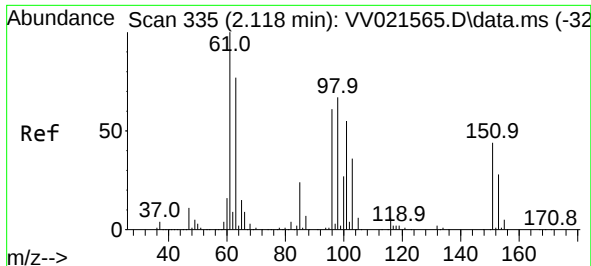
Tgt Ion: 64 Resp: 92009
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 42.135 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion:101 Resp: 184754
Ion Ratio Lower Upper
101 100
103 64.1 52.1 78.1

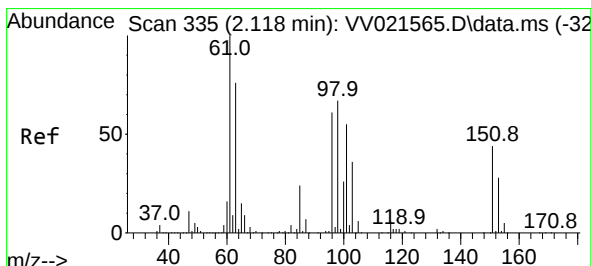
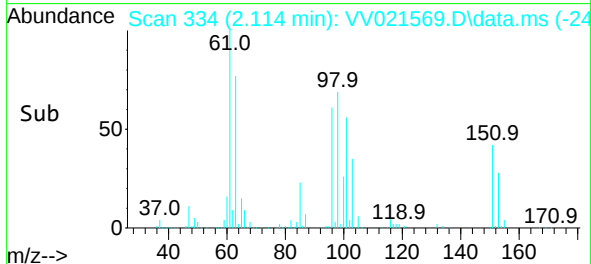
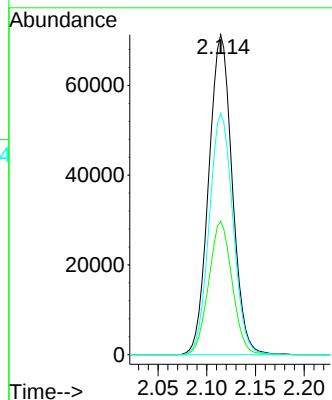
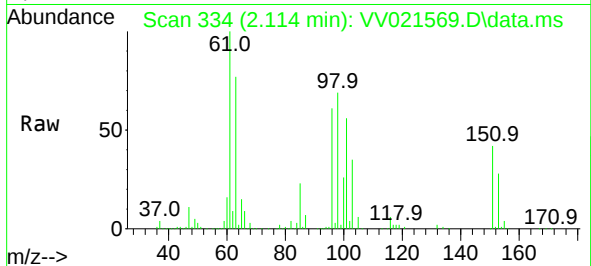




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.909 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV021569.D
 Acq: 25 Jun 2021 12:03

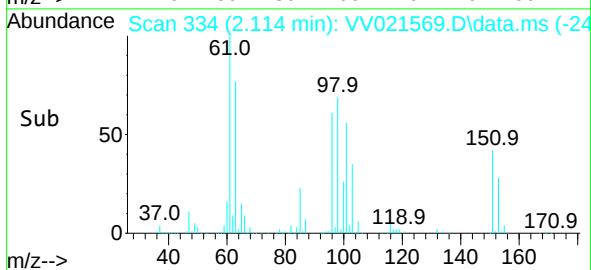
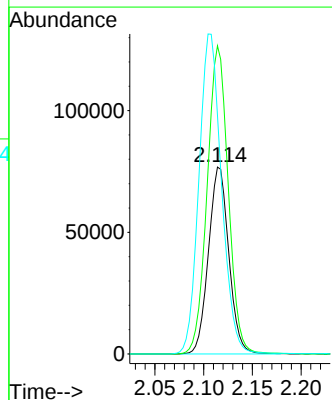
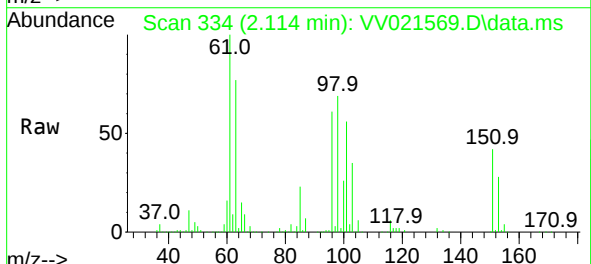
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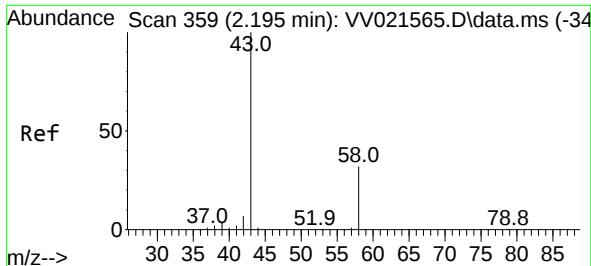
Tgt Ion:101 Resp: 119564
 Ion Ratio Lower Upper
 101 100
 85 41.6 32.6 49.0
 151 76.2 70.0 105.0



#12
 1,1-Dichloroethene
 Concen: 45.483 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV021569.D
 Acq: 25 Jun 2021 12:03

Tgt Ion: 96 Resp: 111353
 Ion Ratio Lower Upper
 96 100
 61 164.9 107.7 200.1
 63 127.7 86.6 160.8

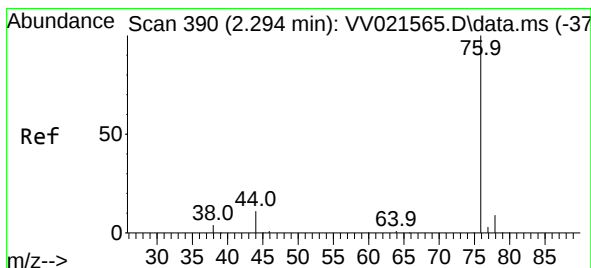
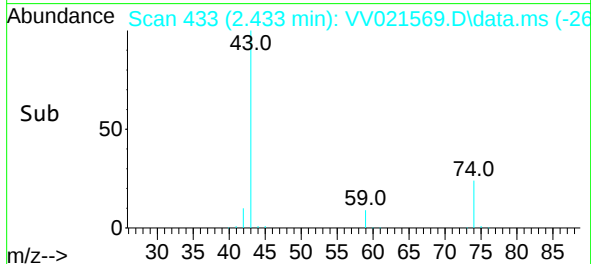
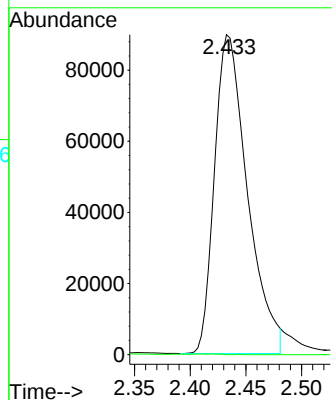
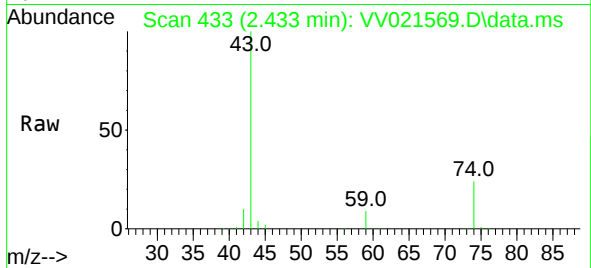




#13
Acetone
Concen: 108.705 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.238 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

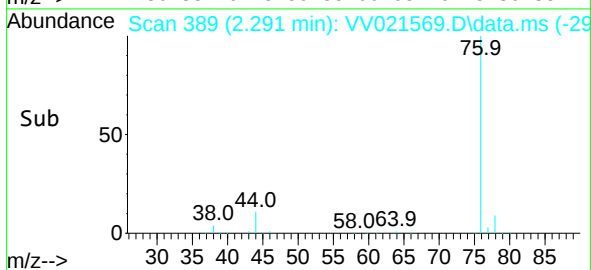
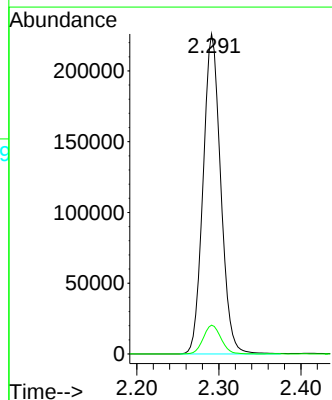
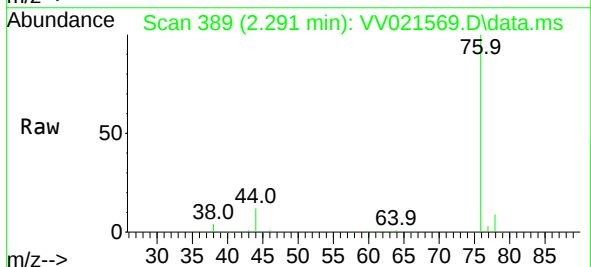
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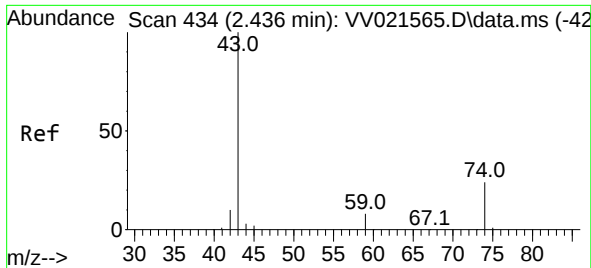
Tgt Ion: 43 Resp: 184202
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.2



#14
Carbon disulfide
Concen: 43.696 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 76 Resp: 337269
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

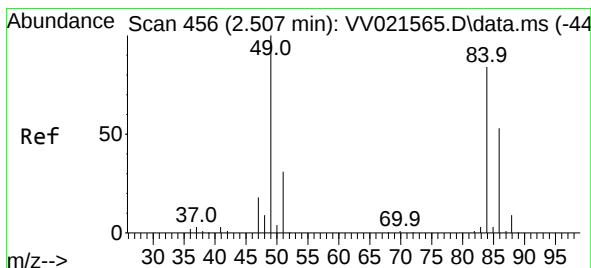
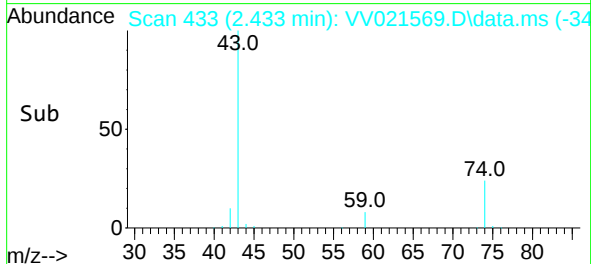
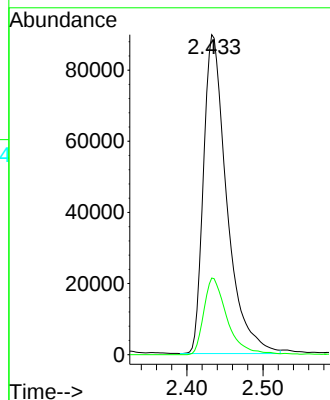
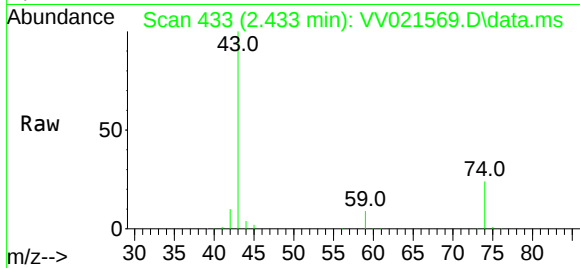




#15
Methyl Acetate
Concen: 65.849 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

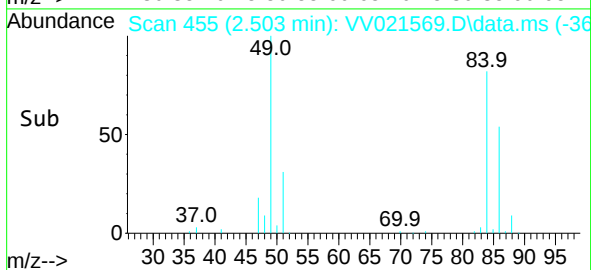
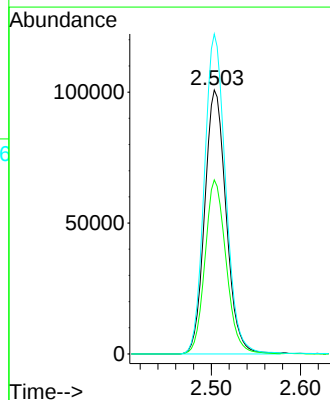
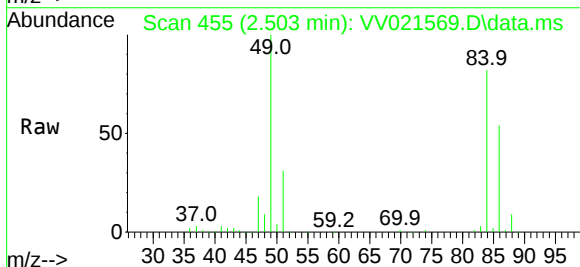
Instrument :
MSVOA_V
ClientSampleId :

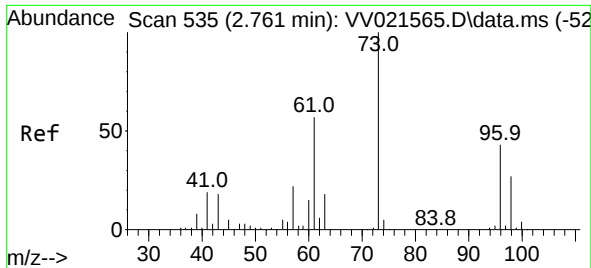
Tgt Ion: 43 Resp: 191186
Ion Ratio Lower Upper
43 100
74 23.7 20.4 30.6



#16
Methylene chloride
Concen: 54.929 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 84 Resp: 168465
Ion Ratio Lower Upper
84 100
86 66.0 44.1 81.9
49 121.2 80.8 150.0

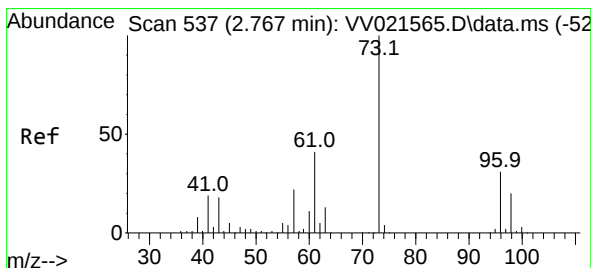
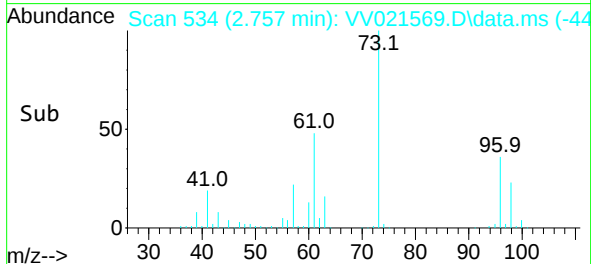
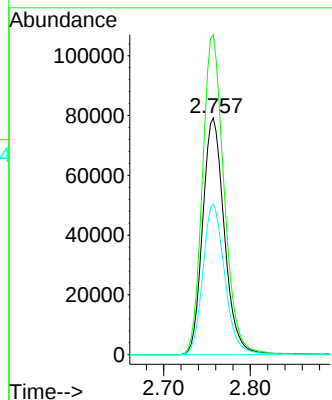
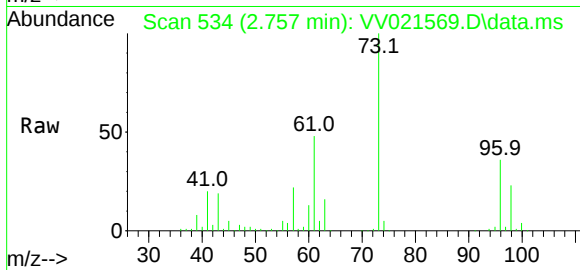




#17
trans-1,2-Dichloroethene
Concen: 49.273 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

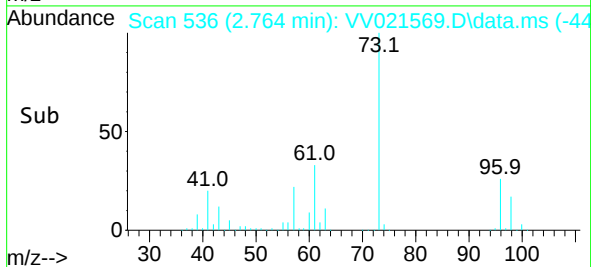
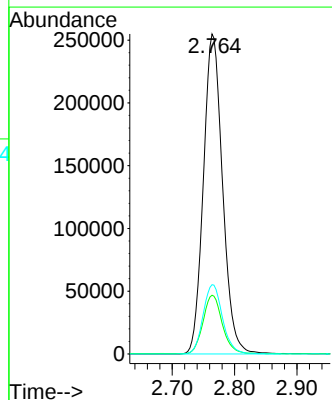
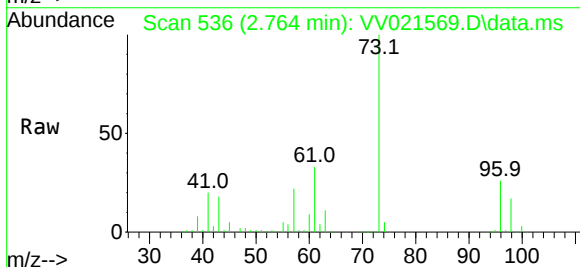
Instrument :
MSVOA_V
ClientSampleId :

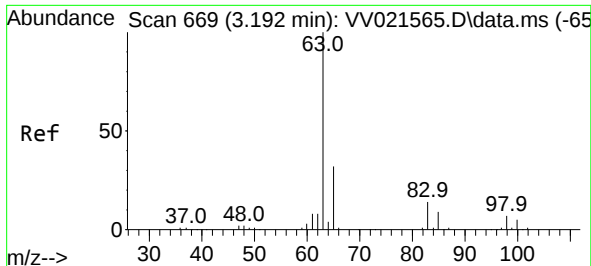
Tgt Ion: 96 Resp: 137627
Ion Ratio Lower Upper
96 100
61 135.2 88.8 165.0
98 63.7 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 61.551 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 73 Resp: 545021
Ion Ratio Lower Upper
73 100
43 18.2 13.9 20.9
57 22.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 55.391 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.007 min

Lab File: VV021569.D

Acq: 25 Jun 2021 12:03

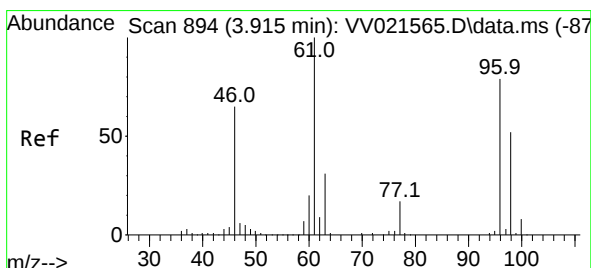
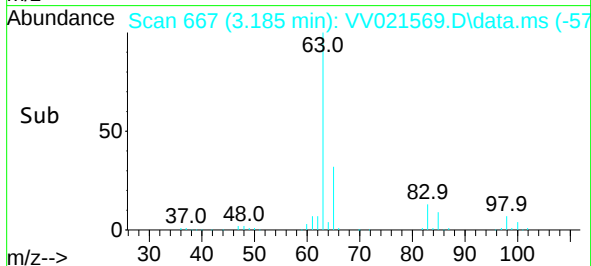
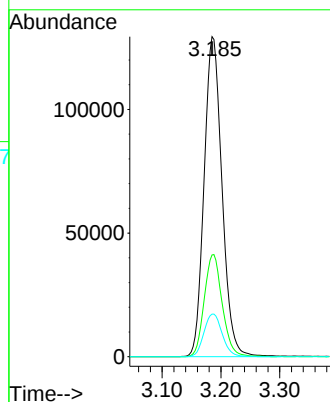
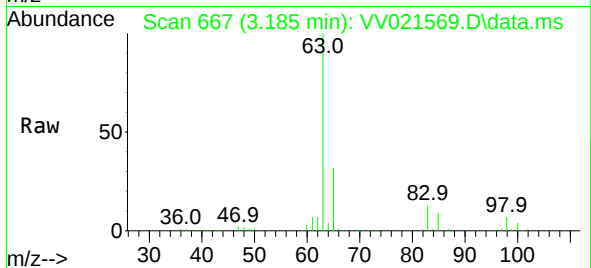
Tgt Ion: 63 Resp: 274175

Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.7

83 13.3 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 53.997 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.007 min

Lab File: VV021569.D

Acq: 25 Jun 2021 12:03

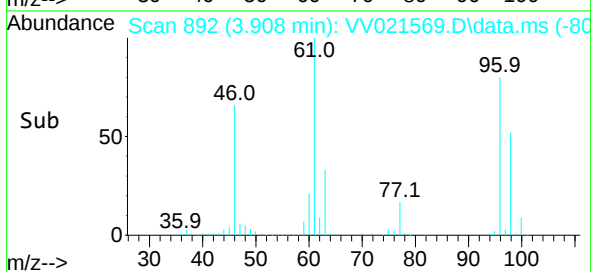
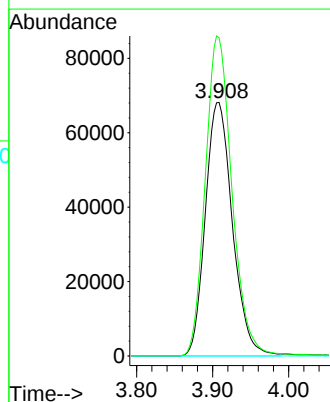
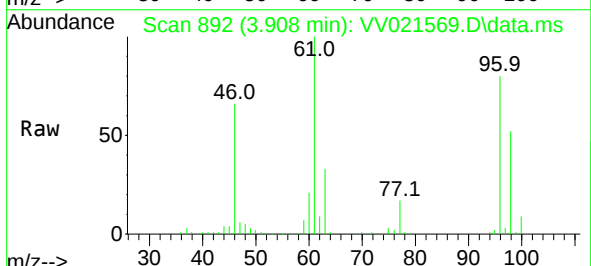
Tgt Ion: 96 Resp: 168737

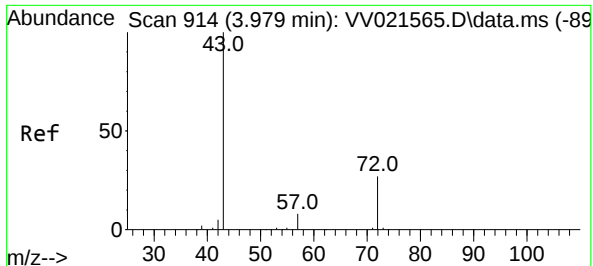
Ion Ratio Lower Upper

96 100

61 125.5 82.4 153.0

68 0.0 0.0 0.0

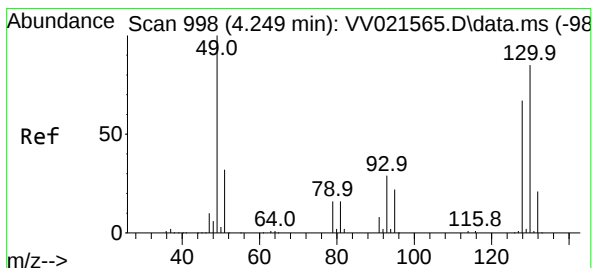
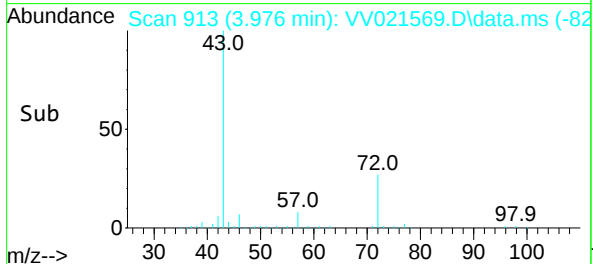
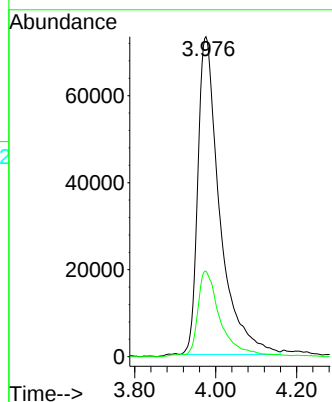
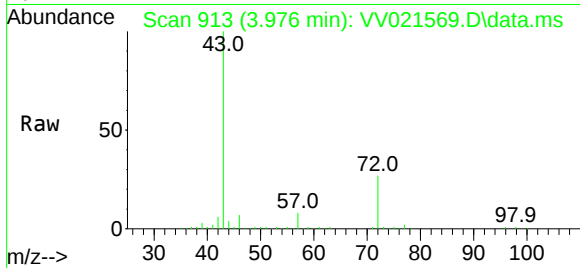




#22
2-Butanone
Concen: 128.008 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

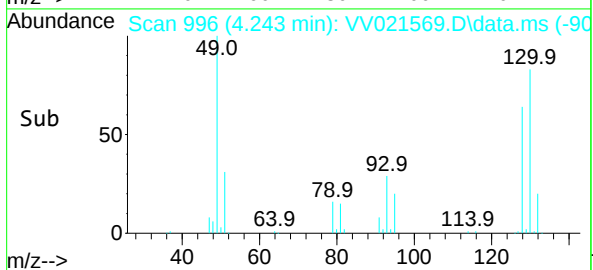
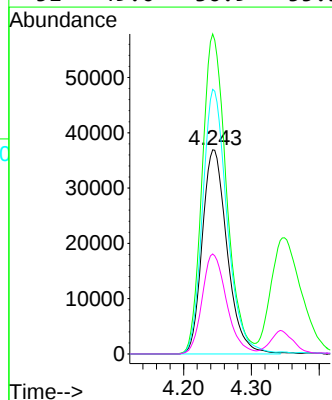
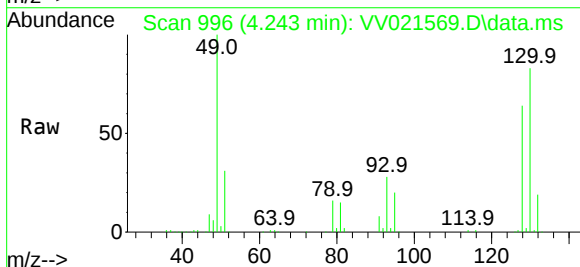
Instrument :
MSVOA_V
ClientSampleId :

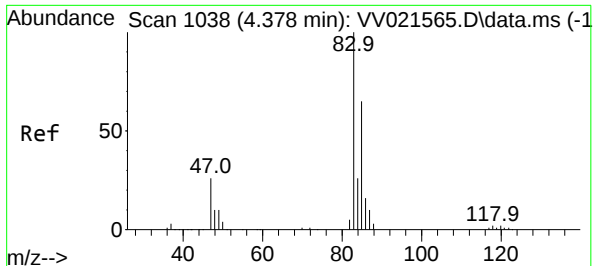
Tgt Ion: 43 Resp: 274779
Ion Ratio Lower Upper
43 100
72 25.3 13.1 39.1



#23
Bromochloromethane
Concen: 54.212 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.007 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion:128 Resp: 93825
Ion Ratio Lower Upper
128 100
49 156.8 96.8 179.8
130 129.7 90.2 167.6
51 49.0 36.9 55.3





#25

Chloroform

Concen: 55.998 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VV021569.D

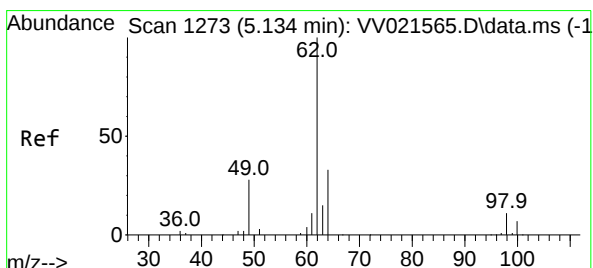
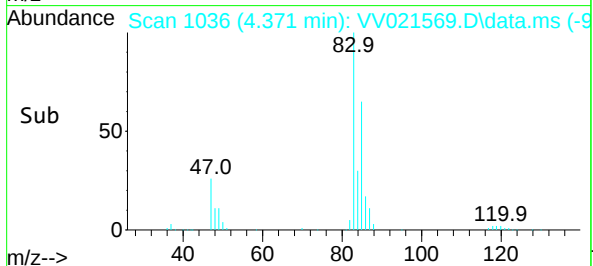
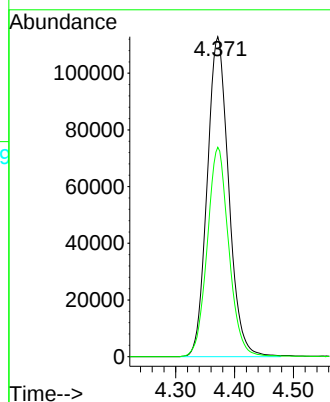
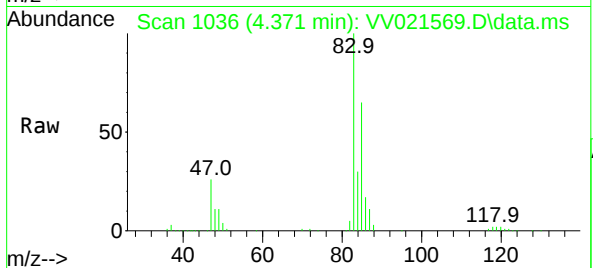
Acq: 25 Jun 2021 12:03

Tgt Ion: 83 Resp: 286836

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 63.124 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.007 min

Lab File: VV021569.D

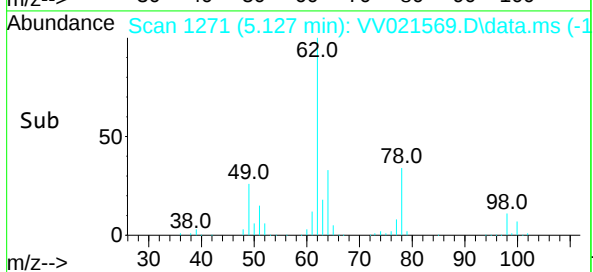
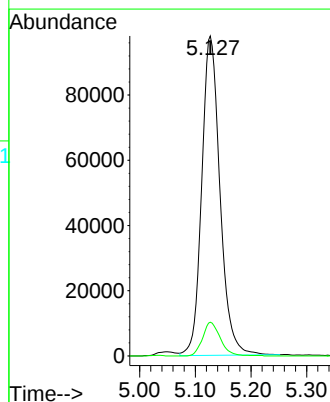
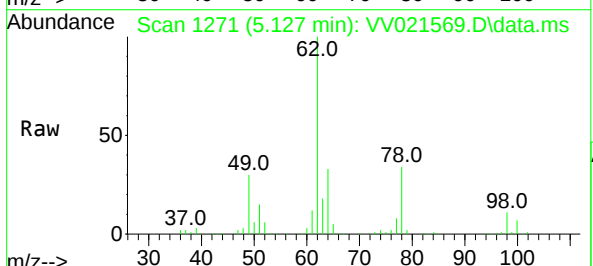
Acq: 25 Jun 2021 12:03

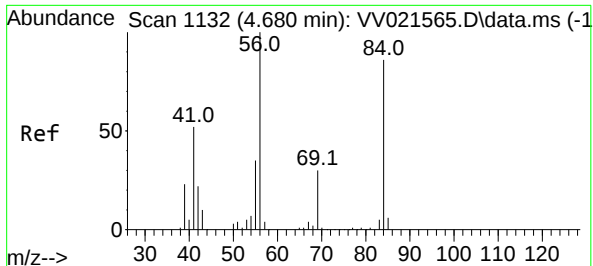
Tgt Ion: 62 Resp: 223374

Ion Ratio Lower Upper

62 100

98 10.6 8.6 12.8





#29

Cyclohexane

Concen: 46.830 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.007 min

Lab File: VV021569.D

Acq: 25 Jun 2021 12:03

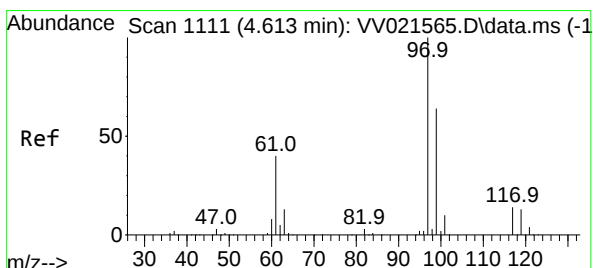
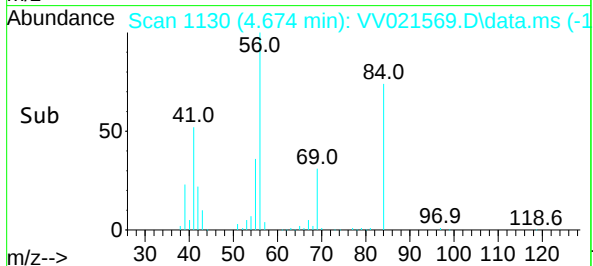
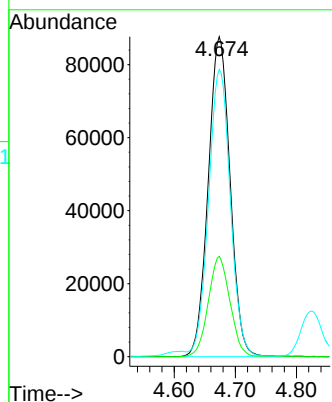
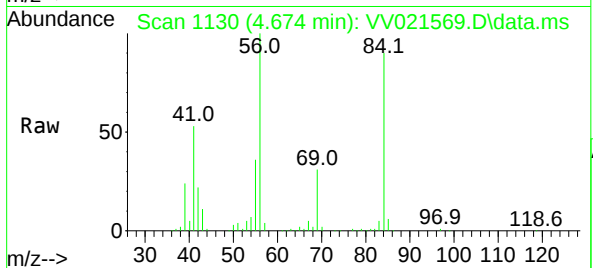
Tgt Ion: 56 Resp: 218055

Ion Ratio Lower Upper

56 100

69 31.0 24.9 37.3

84 89.4 73.7 110.5



#30

1,1,1-Trichloroethane

Concen: 47.453 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.007 min

Lab File: VV021569.D

Acq: 25 Jun 2021 12:03

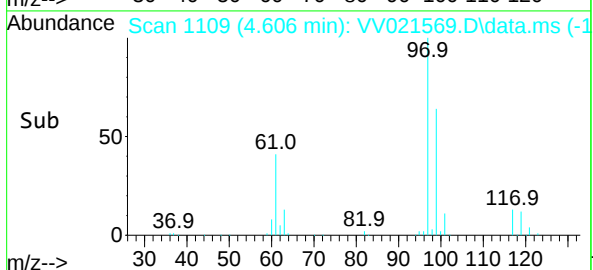
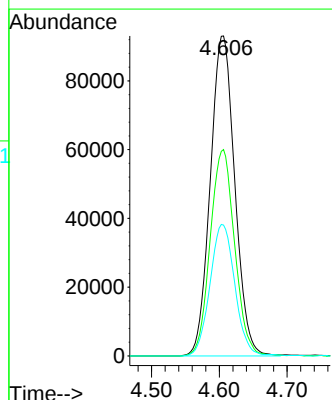
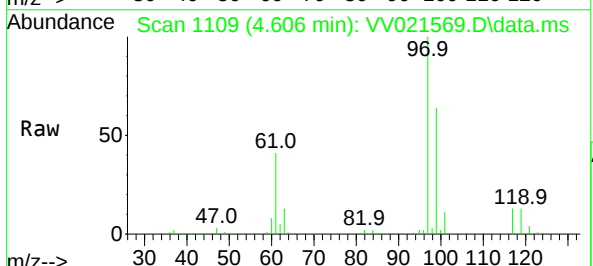
Tgt Ion: 97 Resp: 234129

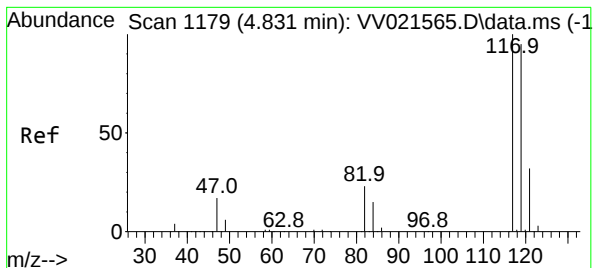
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

61 41.5 30.2 45.4

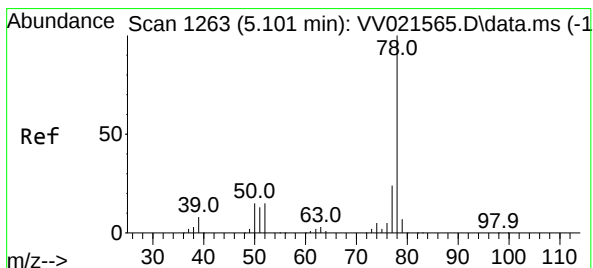
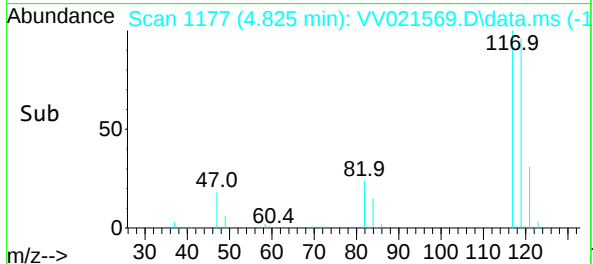
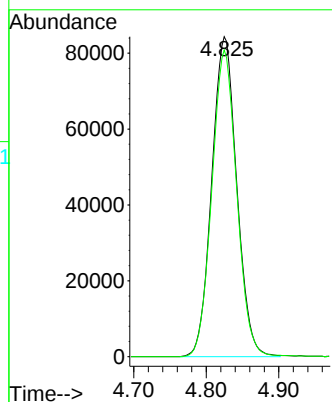
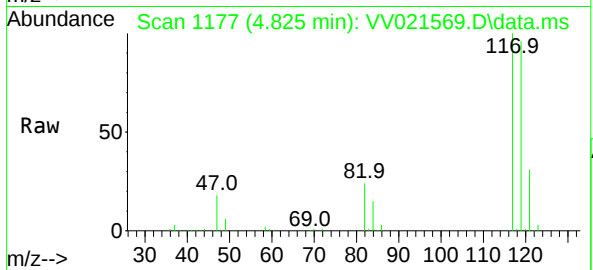




#31
Carbon tetrachloride
Concen: 45.013 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.007 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

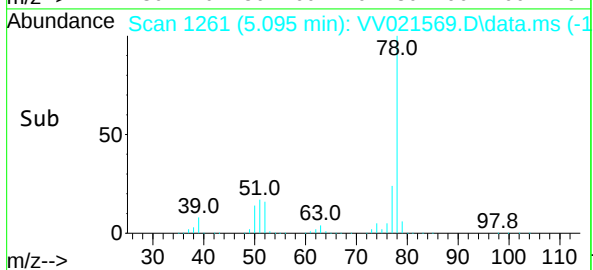
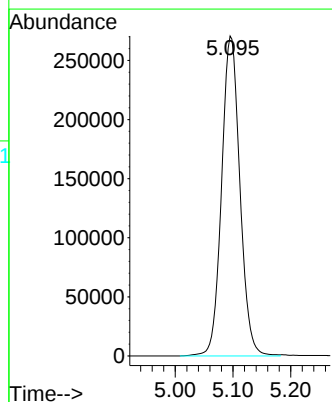
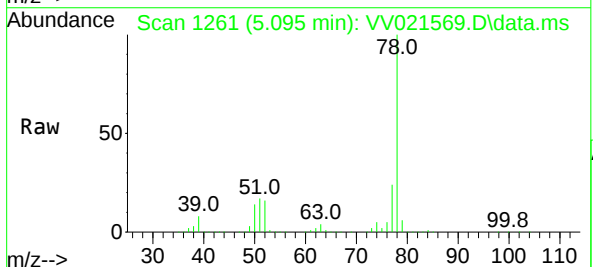
Instrument :
MSVOA_V
ClientSampled :

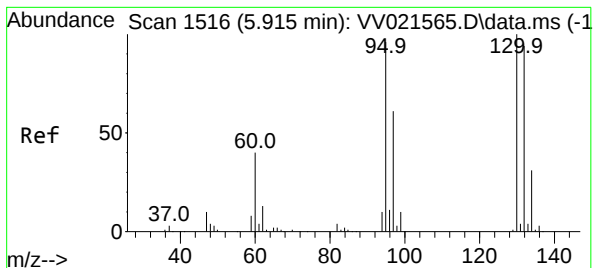
Tgt Ion:117 Resp: 201617
Ion Ratio Lower Upper
117 100
119 95.3 76.8 115.2



#33
Benzene
Concen: 52.170 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.007 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 78 Resp: 596812





#34

Trichloroethene

Concen: 50.136 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV021569.D

Acq: 25 Jun 2021 12:03

Tgt Ion: 95 Resp: 155900

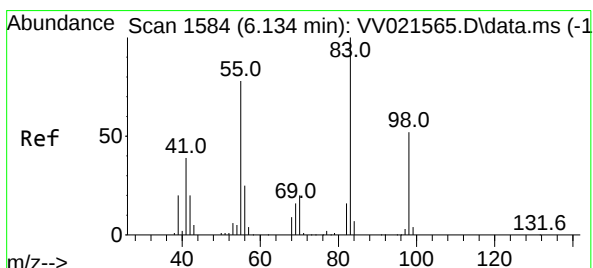
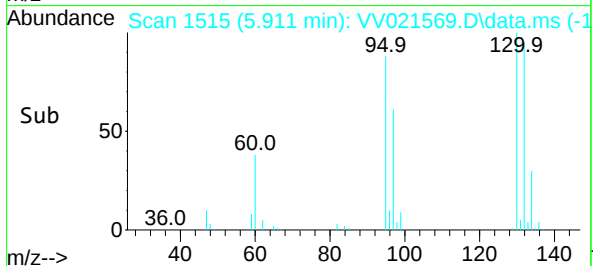
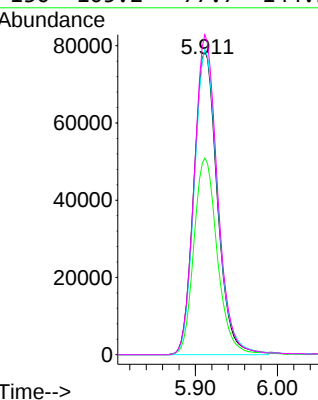
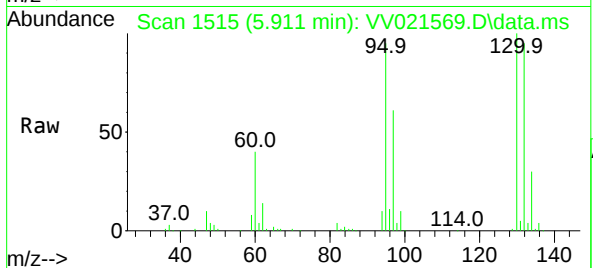
Ion Ratio Lower Upper

95 100

97 64.6 44.3 82.3

132 100.2 73.2 136.0

130 105.2 77.7 144.3



#35

Methylcyclohexane

Concen: 45.514 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.007 min

Lab File: VV021569.D

Acq: 25 Jun 2021 12:03

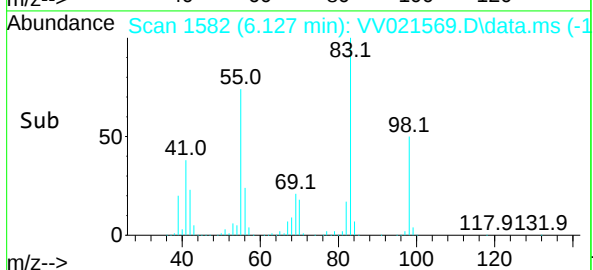
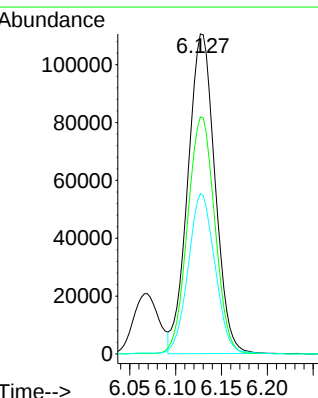
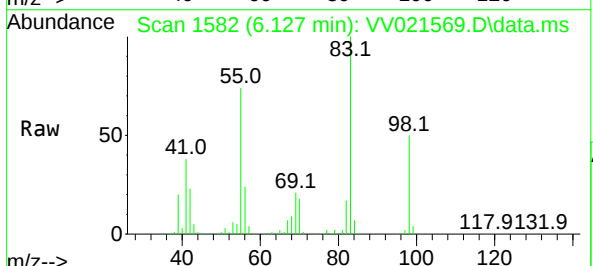
Tgt Ion: 83 Resp: 227191

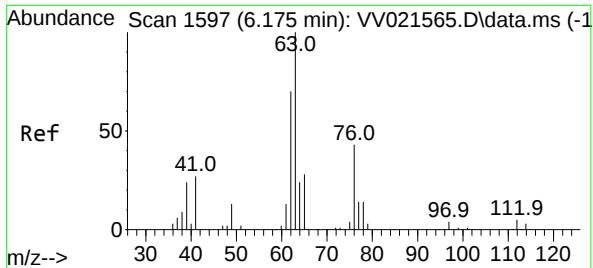
Ion Ratio Lower Upper

83 100

55 74.2 58.0 87.0

98 49.8 40.8 61.2

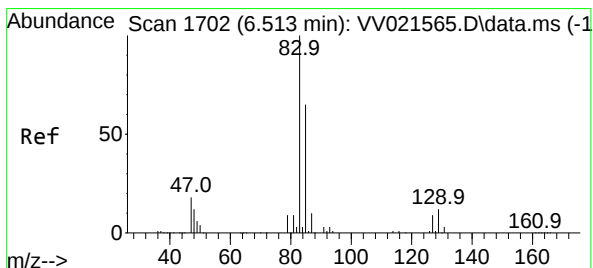
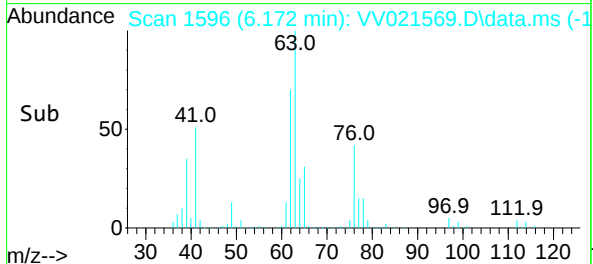
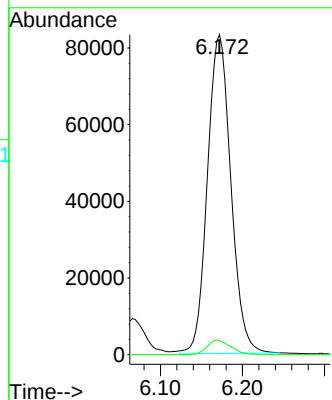
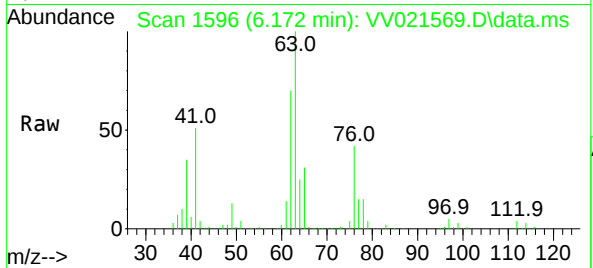




#37
1,2-Dichloropropane
Concen: 56.646 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

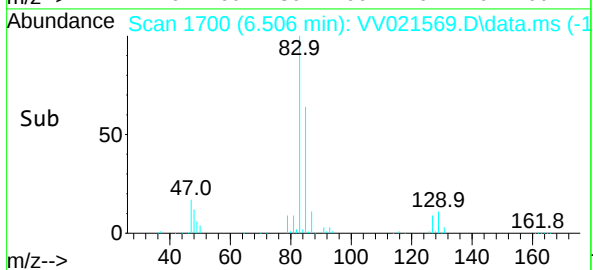
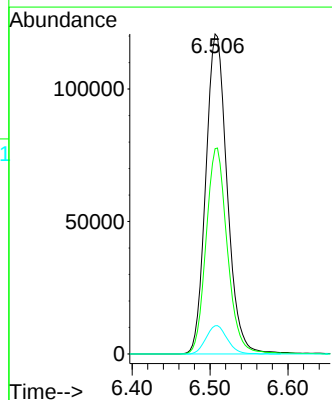
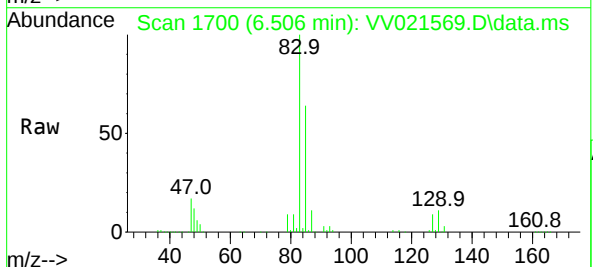
Instrument :
MSVOA_V
ClientSampleId :

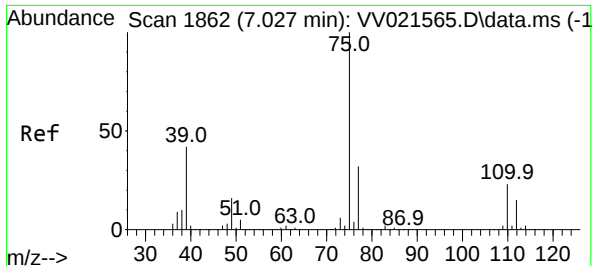
Tgt Ion: 63 Resp: 165226
Ion Ratio Lower Upper
63 100
112 4.6 4.0 6.0



#38
Bromodichloromethane
Concen: 56.083 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.007 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 83 Resp: 229546
Ion Ratio Lower Upper
83 100
85 64.2 44.6 82.8
127 8.8 7.6 11.4

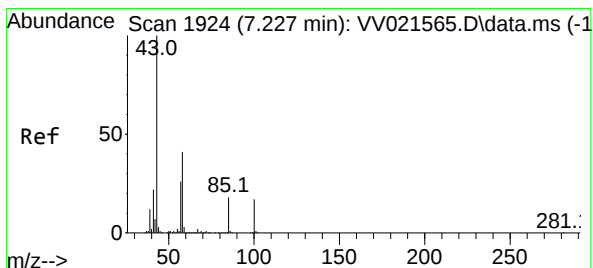
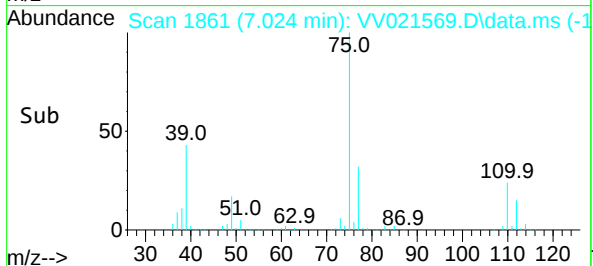
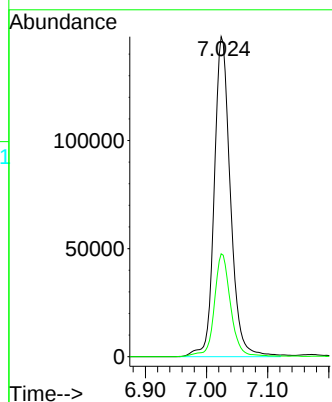
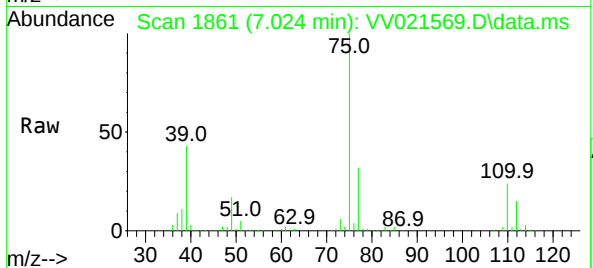




#39
 cis-1,3-Dichloropropene
 Concen: 55.561 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV021569.D
 Acq: 25 Jun 2021 12:03

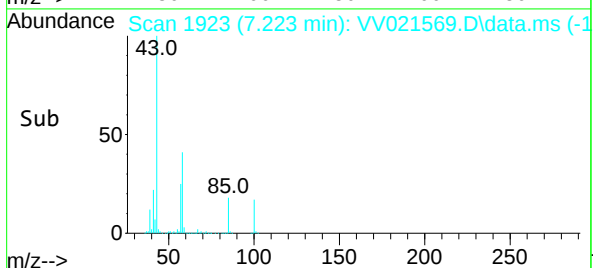
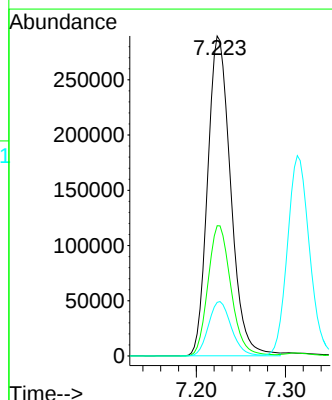
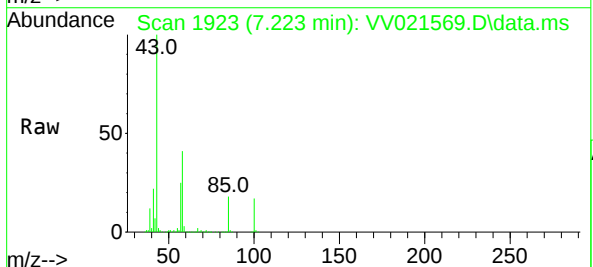
Instrument :
 MSVOA_V
 ClientSampled :

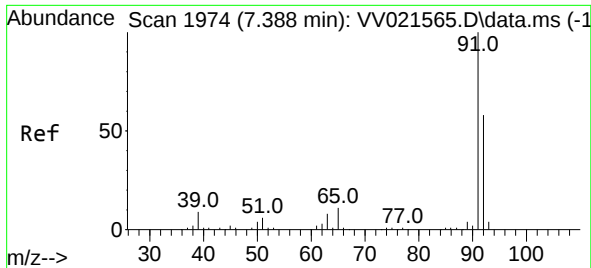
Tgt Ion: 75 Resp: 272466
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 131.277 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV021569.D
 Acq: 25 Jun 2021 12:03

Tgt Ion: 43 Resp: 519185
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.5 50.3
 100 16.9 14.8 22.2

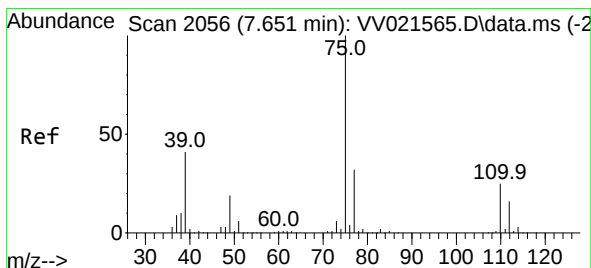
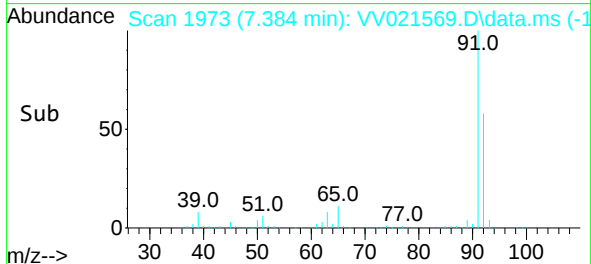
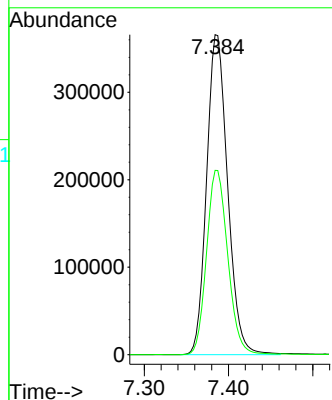
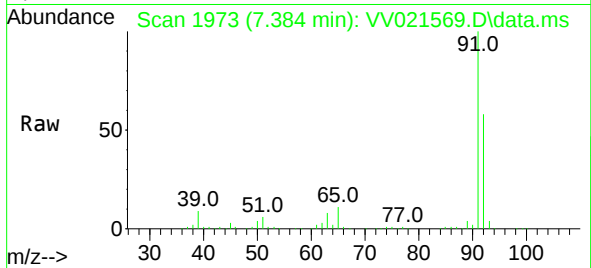




#42
Toluene
Concen: 50.056 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

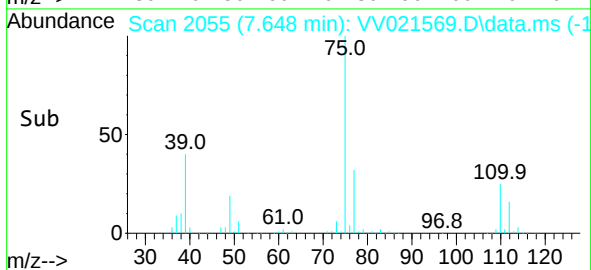
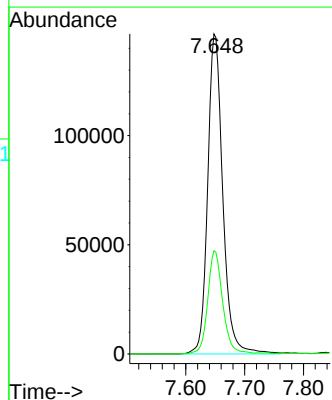
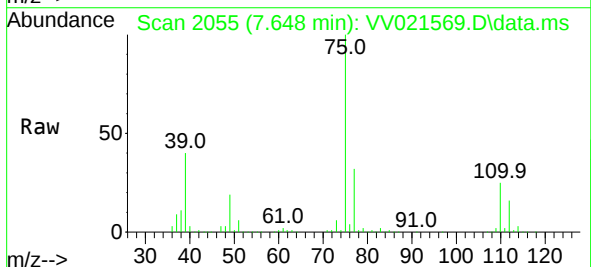
Instrument :
MSVOA_V
ClientSampled :

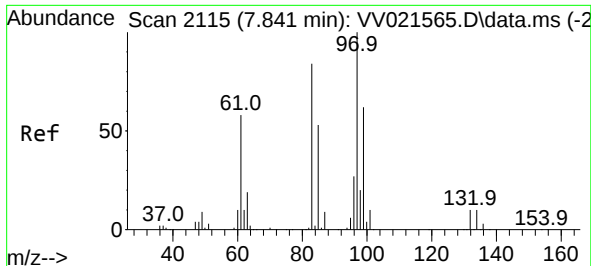
Tgt Ion: 91 Resp: 635243
Ion Ratio Lower Upper
91 100
92 57.6 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 56.317 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 75 Resp: 261270
Ion Ratio Lower Upper
75 100
77 32.2 22.9 42.5



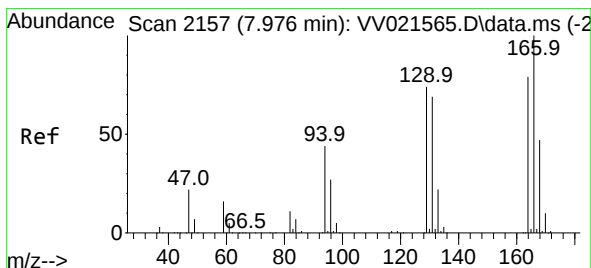
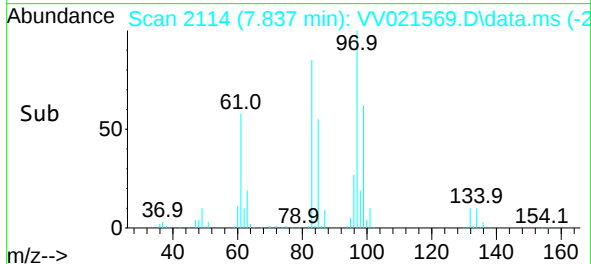
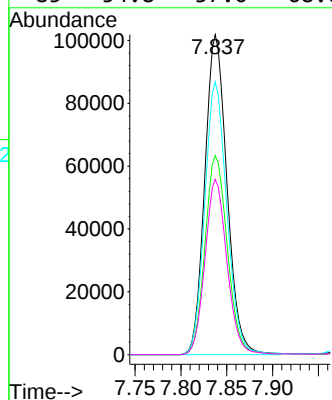
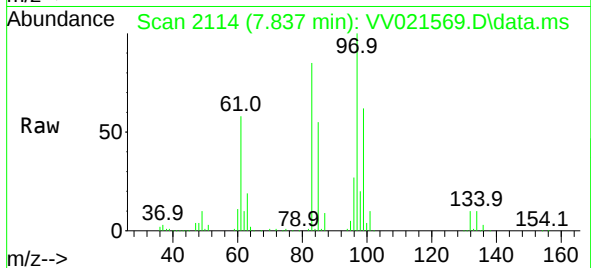


#45

1,1,2-Trichloroethane
Concen: 57.841 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Instrument :
MSVOA_V
ClientSampleId :

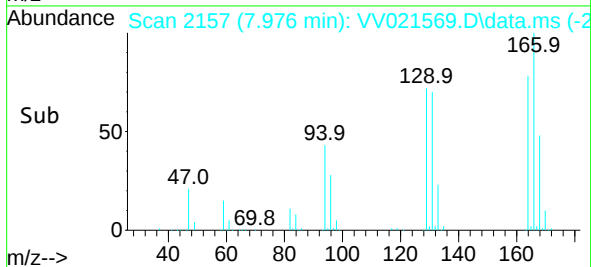
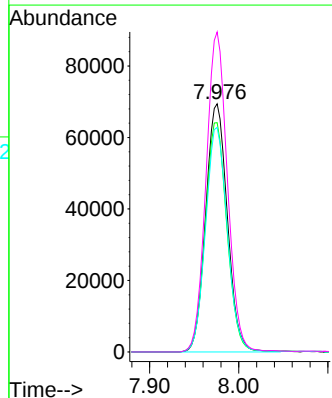
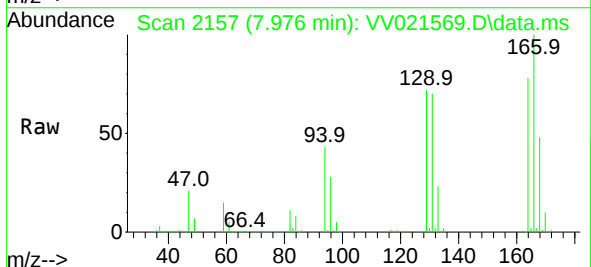
Tgt Ion:	97	Resp:	171230
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.7	81.1
83	85.2	57.1	106.1
85	54.8	37.0	68.6

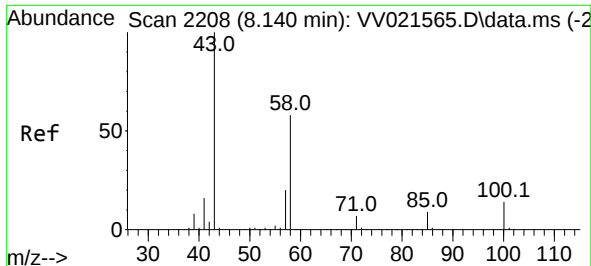


#46

Tetrachloroethene
Concen: 40.959 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion:	164	Resp:	117098
Ion	Ratio	Lower	Upper
164	100		
129	92.4	60.5	112.3
131	90.4	58.7	108.9
166	128.9	88.1	163.5

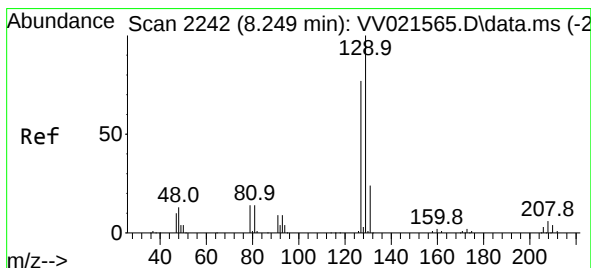
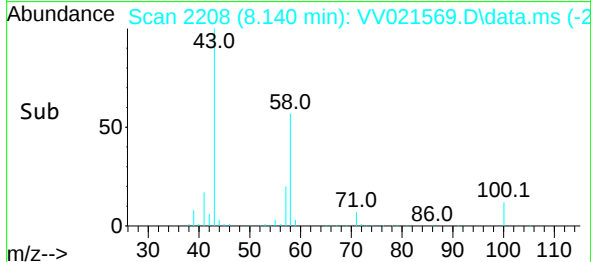
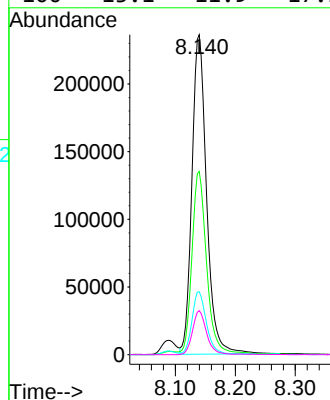
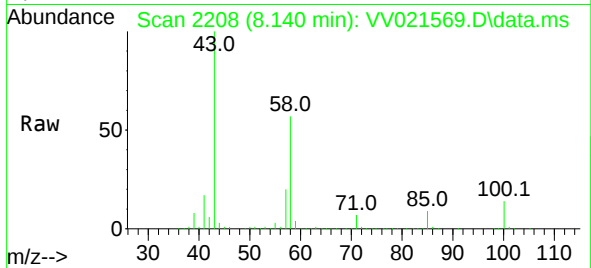




#48
2-Hexanone
Concen: 132.670 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

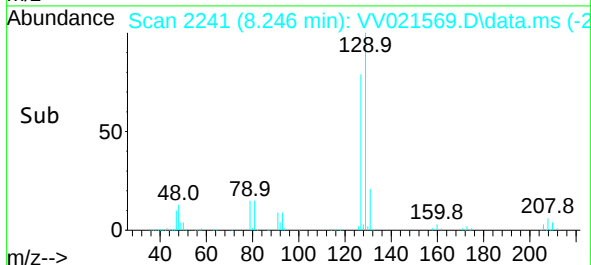
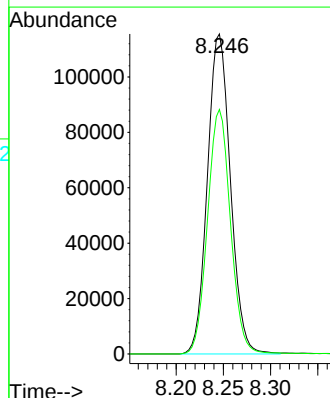
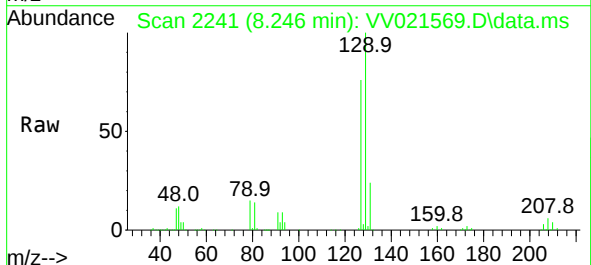
Instrument :
MSVOA_V
ClientSampled :

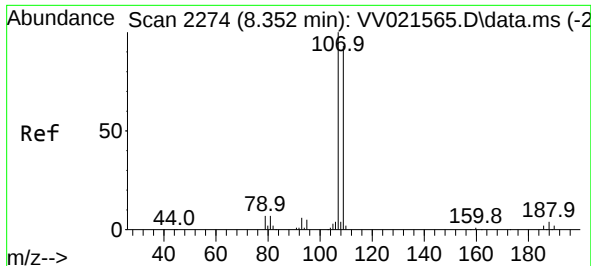
Tgt Ion:	43	Resp:	402415
Ion	Ratio	Lower	Upper
43	100		
58	57.5	47.1	70.7
57	19.5	16.0	24.0
100	13.1	11.9	17.9



#49
Dibromochloromethane
Concen: 52.806 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion:	129	Resp:	195751
Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.0	98.4





#50

1,2-Dibromoethane

Concen: 55.923 ug/L

RT: 8.352 min Scan# 2274

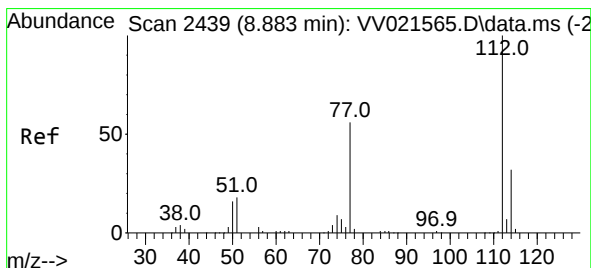
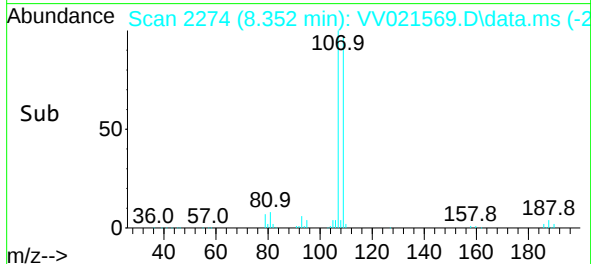
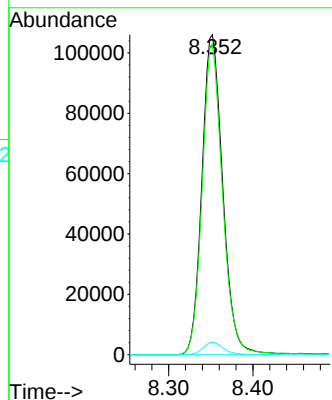
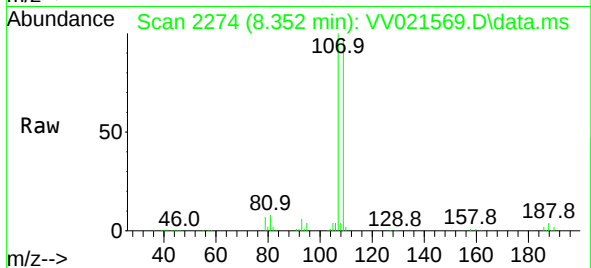
Delta R.T. -0.000 min

Lab File: VV021569.D

Acq: 25 Jun 2021 12:03

Tgt Ion:	107	Resp:	182212
Ion Ratio	Lower	Upper	
107	100		
109	97.1	66.7	123.9
188	3.9	3.8	5.8

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 50.973 ug/L

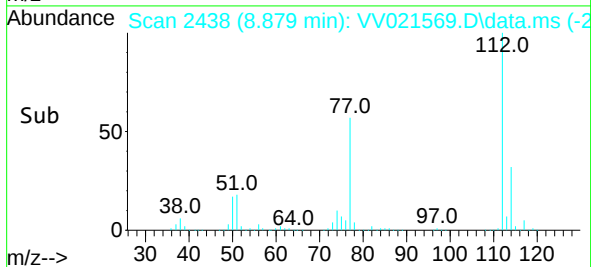
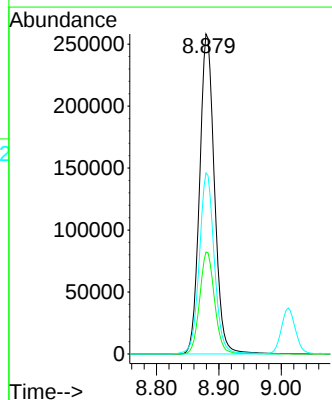
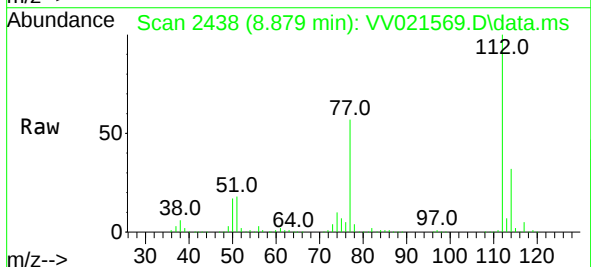
RT: 8.879 min Scan# 2438

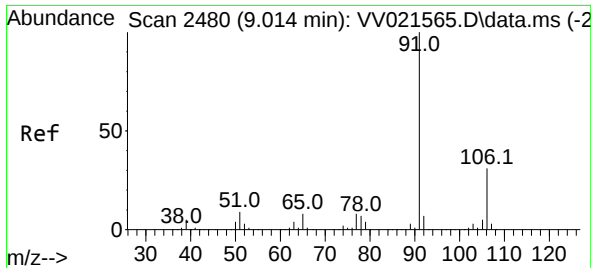
Delta R.T. -0.003 min

Lab File: VV021569.D

Acq: 25 Jun 2021 12:03

Tgt Ion:	112	Resp:	427671
Ion Ratio	Lower	Upper	
112	100		
114	31.9	22.5	41.9
77	56.6	43.8	65.6

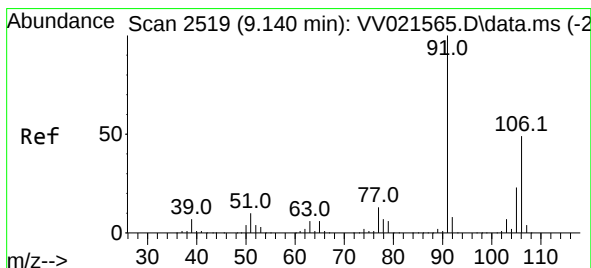
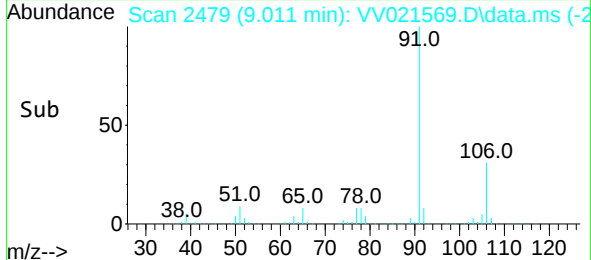
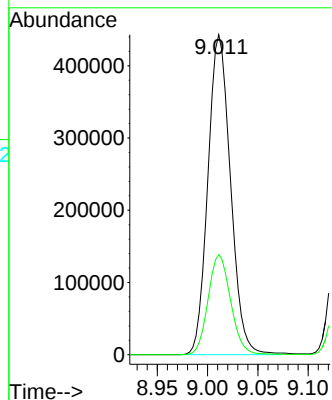
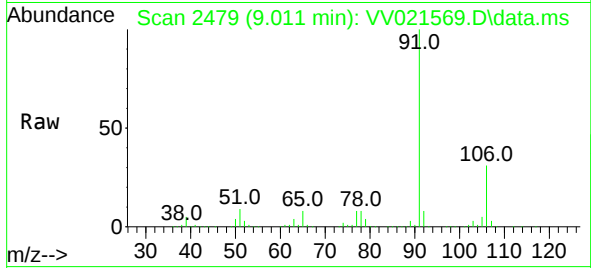




#52
Ethylbenzene
Concen: 49.630 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

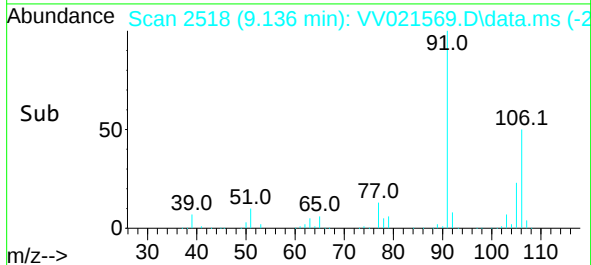
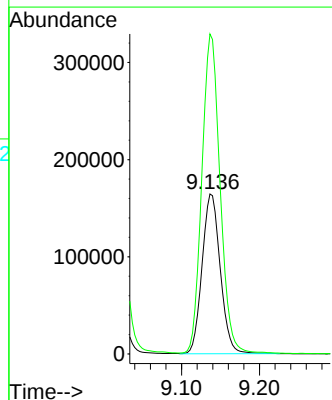
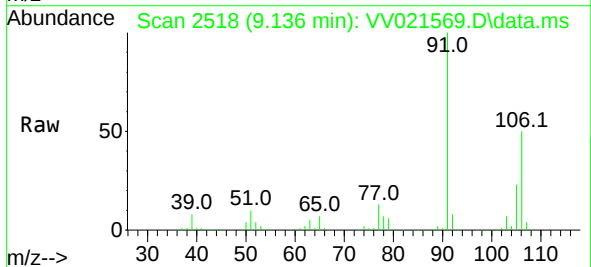
Instrument :
MSVOA_V
ClientSampled :

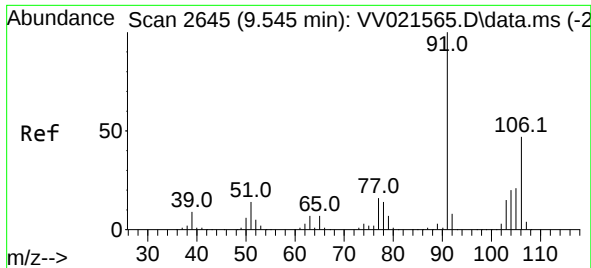
Tgt Ion: 91 Resp: 691793
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 49.669 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 106 Resp: 266014
Ion Ratio Lower Upper
106 100
91 199.9 139.4 258.8

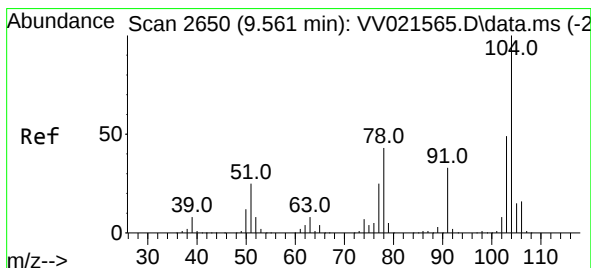
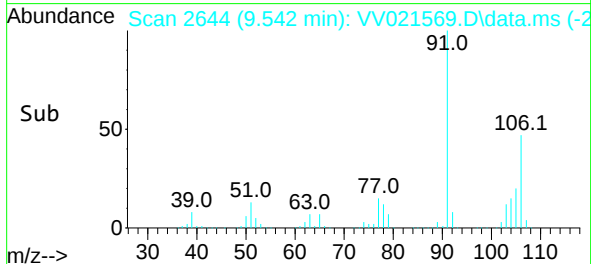
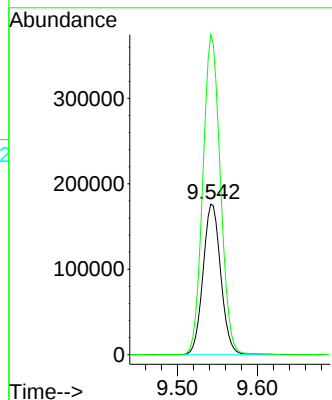
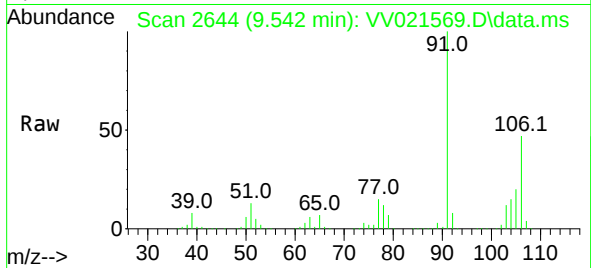




#54
o-Xylene
Concen: 51.413 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

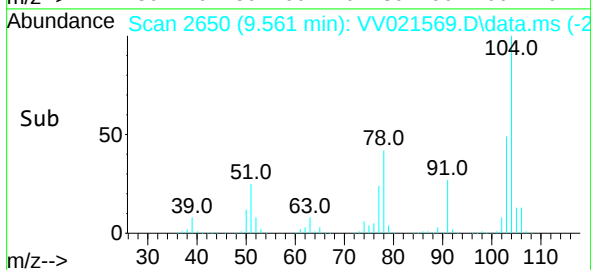
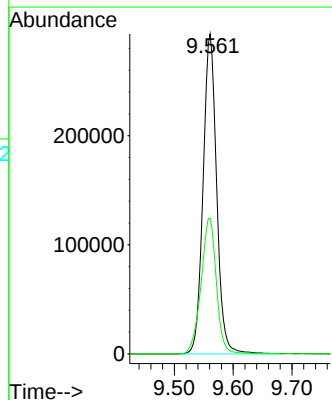
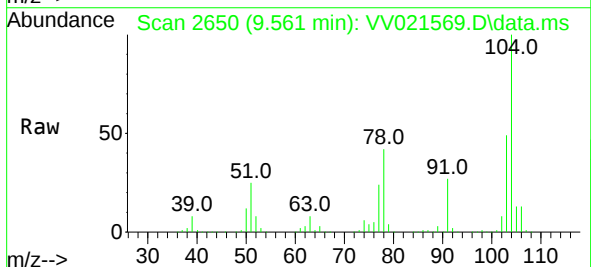
Instrument :
MSVOA_V
ClientSampled :

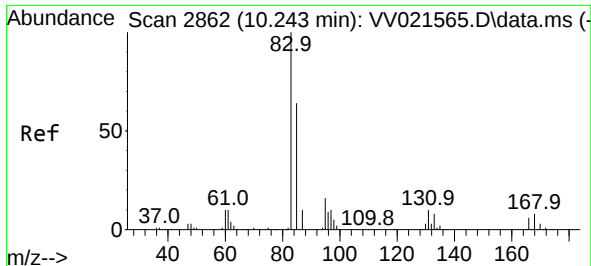
Tgt Ion:106 Resp: 271875
Ion Ratio Lower Upper
106 100
91 212.5 148.5 275.9



#55
Styrene
Concen: 51.714 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion:104 Resp: 470654
Ion Ratio Lower Upper
104 100
78 42.4 30.3 56.3

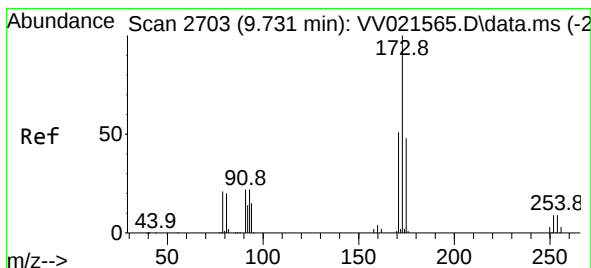
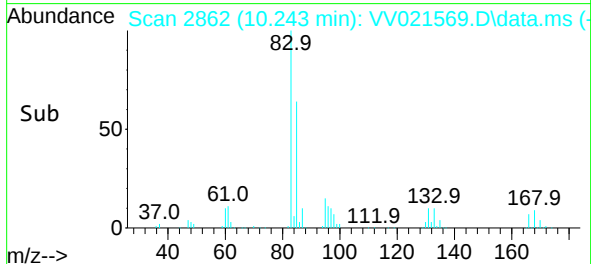
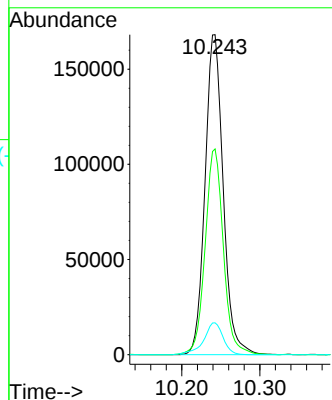
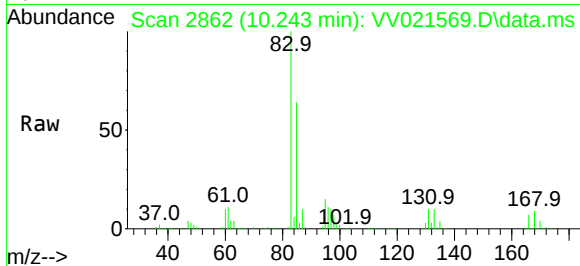




#57
1,1,2,2-Tetrachloroethane
Concen: 58.837 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

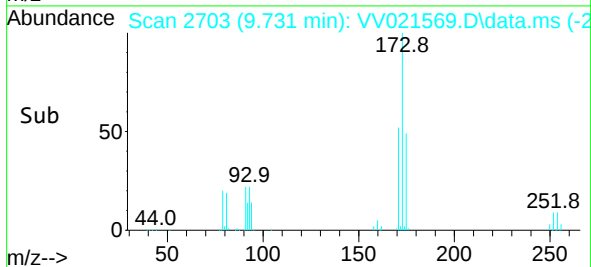
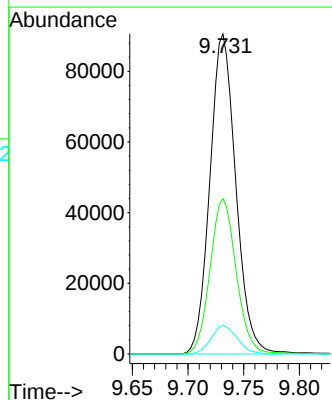
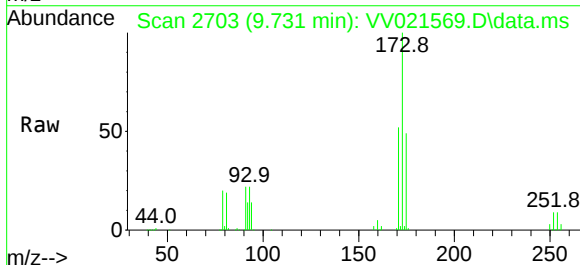
Instrument :
MSVOA_V
ClientSampleId :

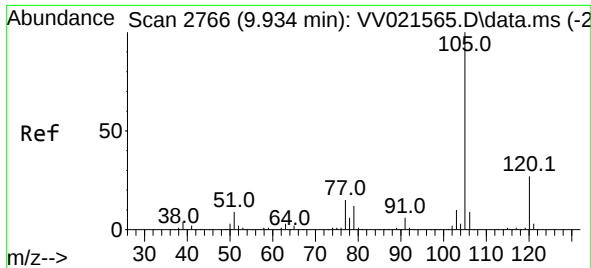
Tgt Ion: 83 Resp: 271888
Ion Ratio Lower Upper
83 100
85 64.3 45.8 85.2
131 10.0 8.7 13.1



#59
Bromoform
Concen: 49.771 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 173 Resp: 146382
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 8.9 9.8 14.8#

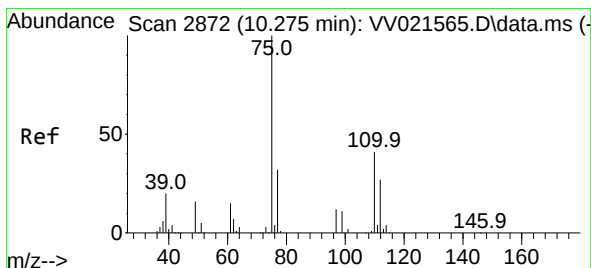
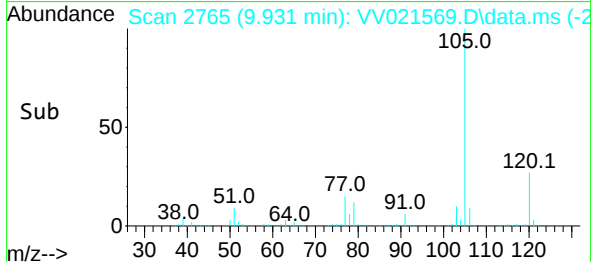
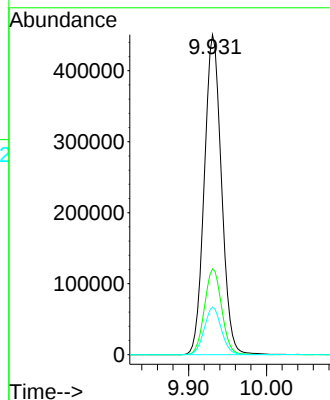
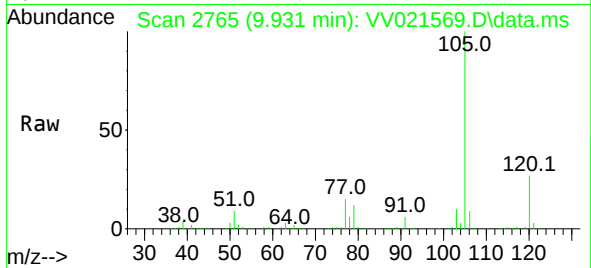




#60
Isopropylbenzene
Concen: 51.018 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

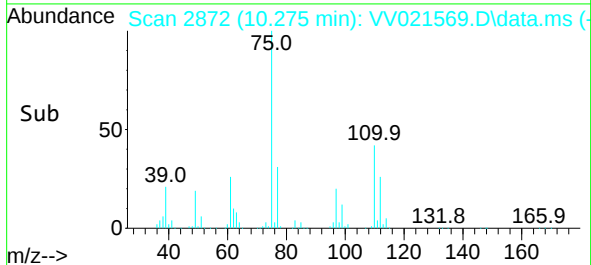
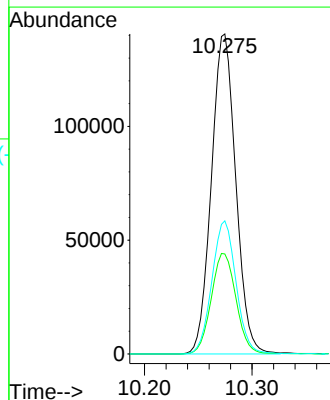
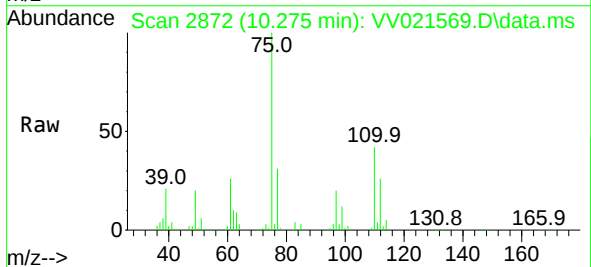
Instrument :
MSVOA_V
ClientSampleId :

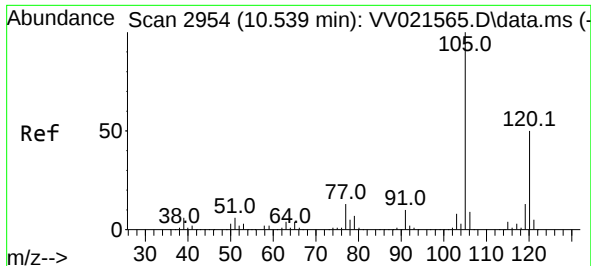
Tgt Ion:105 Resp: 689109
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 14.8 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 64.671 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 75 Resp: 221498
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9
110 41.2 34.8 52.2

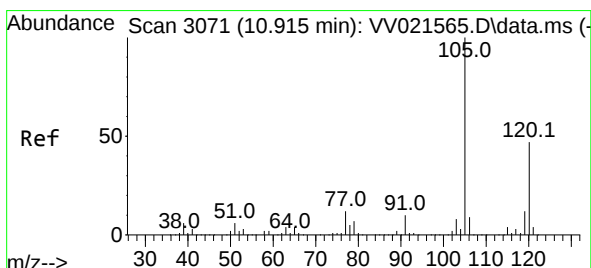
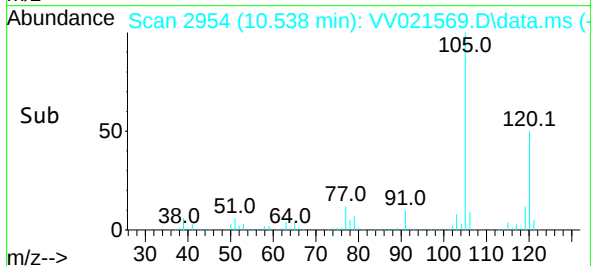
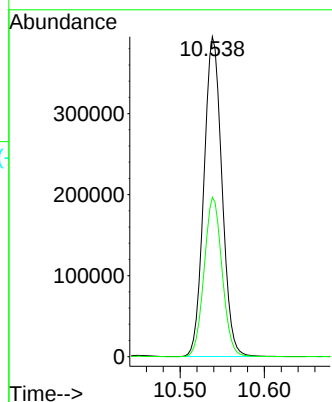
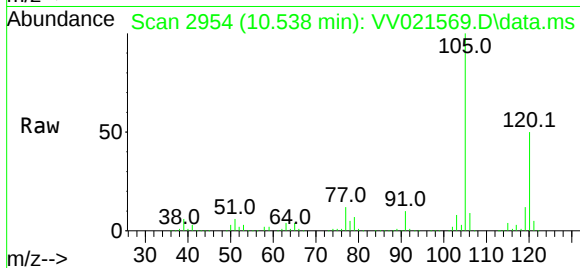




#62
1,3,5-Trimethylbenzene
Concen: 50.642 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

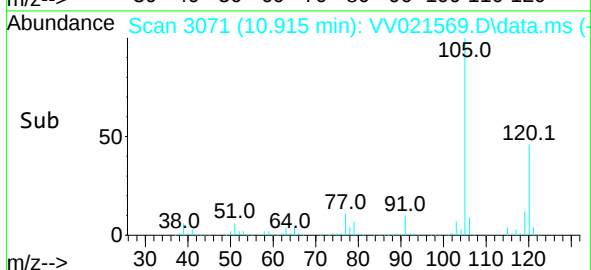
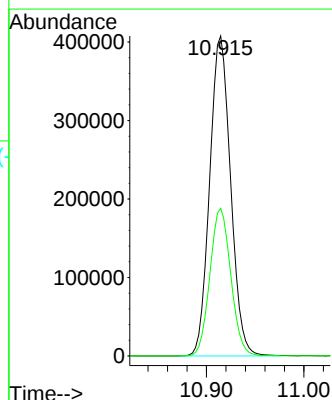
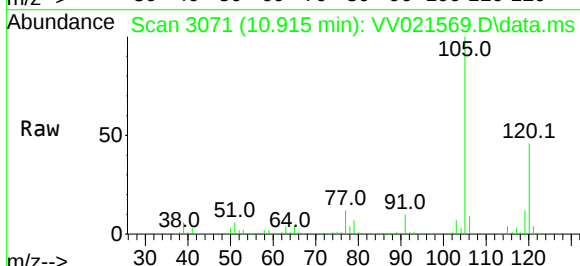
Instrument :
MSVOA_V
ClientSampleId :

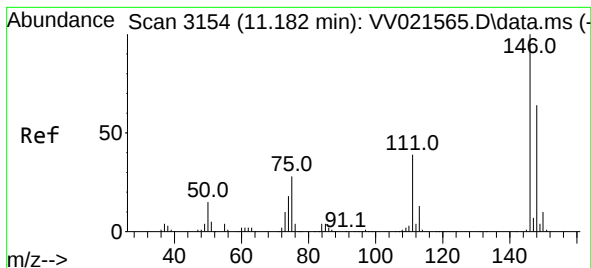
Tgt Ion:105 Resp: 588876
Ion Ratio Lower Upper
105 100
120 49.7 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 51.779 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion:105 Resp: 608230
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.4

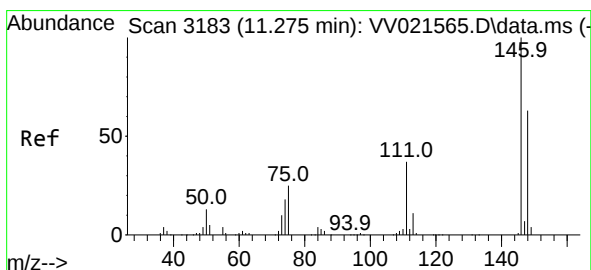
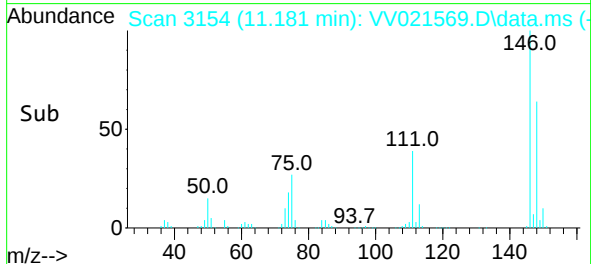
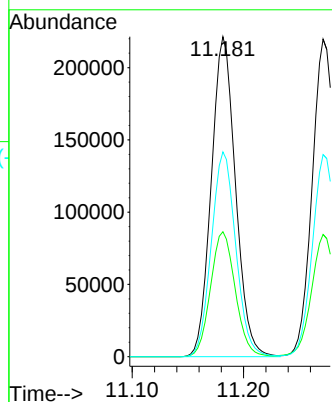
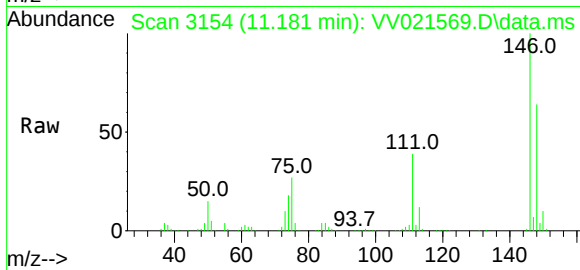




#64
1,3-Dichlorobenzene
Concen: 49.129 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

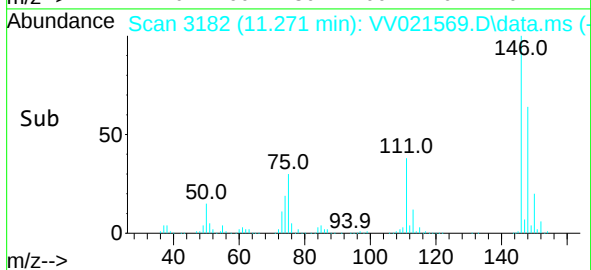
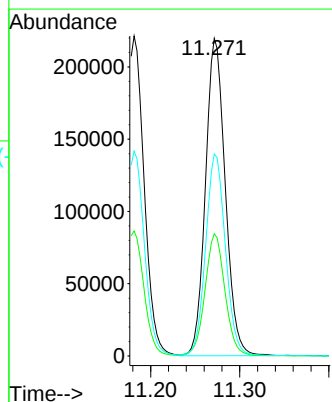
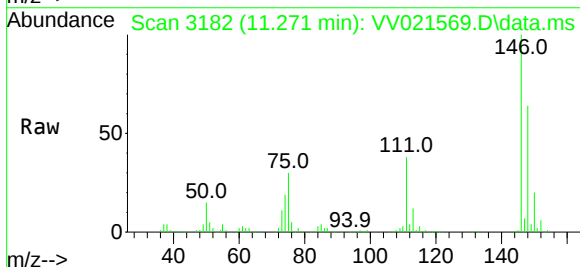
Instrument :
MSVOA_V
ClientSampleId :

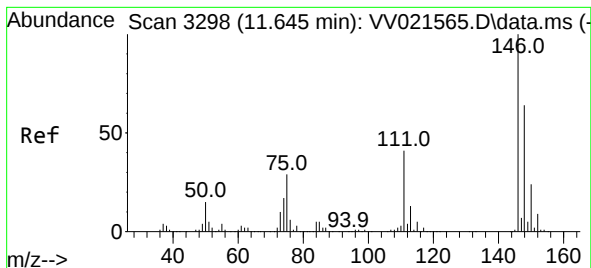
Tgt Ion:146 Resp: 335190
Ion Ratio Lower Upper
146 100
111 39.0 26.0 48.2
148 64.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 49.058 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion:146 Resp: 337918
Ion Ratio Lower Upper
146 100
111 38.5 25.4 47.2
148 63.6 45.4 84.4

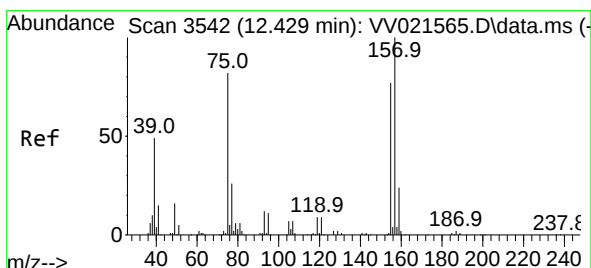
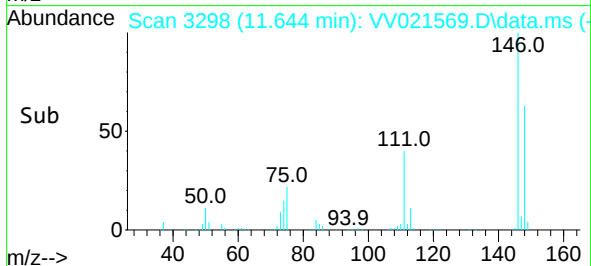
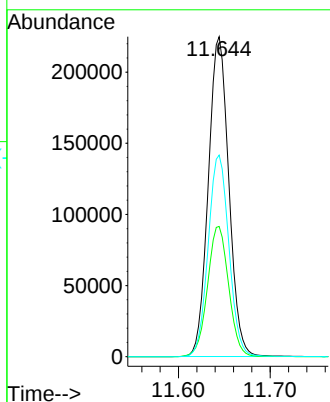
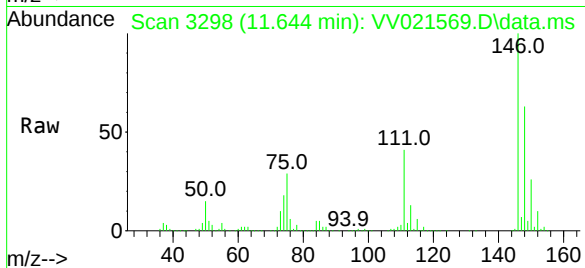




#67
1,2-Dichlorobenzene
Concen: 51.080 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

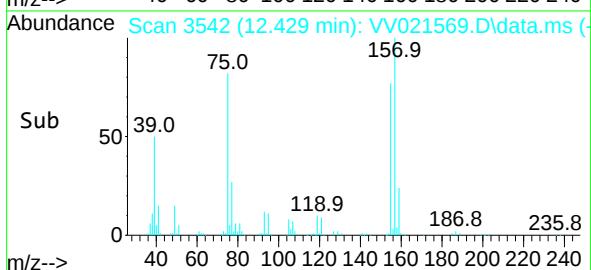
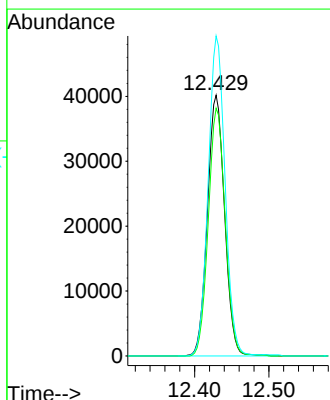
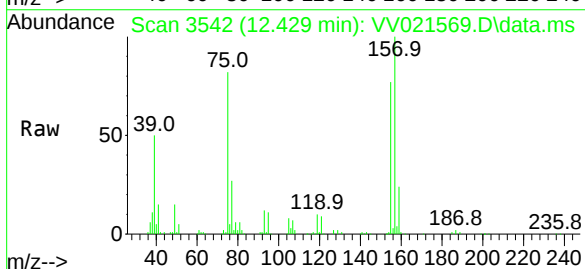
Instrument :
MSVOA_V
ClientSampleId :

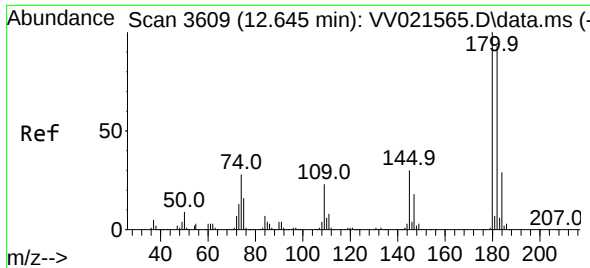
Tgt Ion:146 Resp: 348946
Ion Ratio Lower Upper
146 100
111 40.7 30.8 46.2
148 63.0 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 60.583 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion: 75 Resp: 64641
Ion Ratio Lower Upper
75 100
155 95.0 89.7 134.5
157 122.7 113.2 169.8

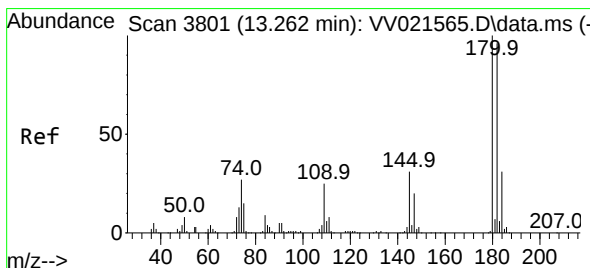
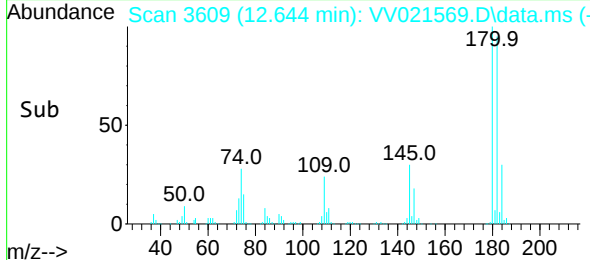
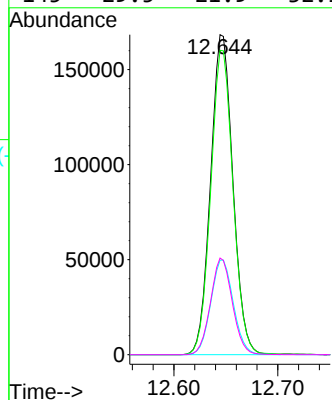
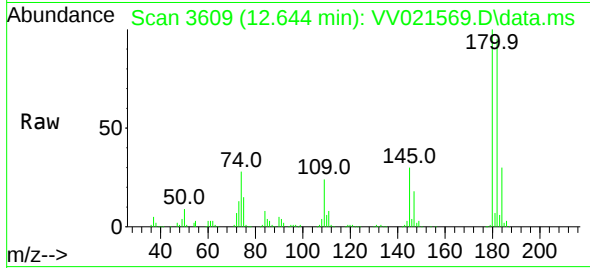




#69
1,3,5-Trichlorobenzene
Concen: 43.605 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

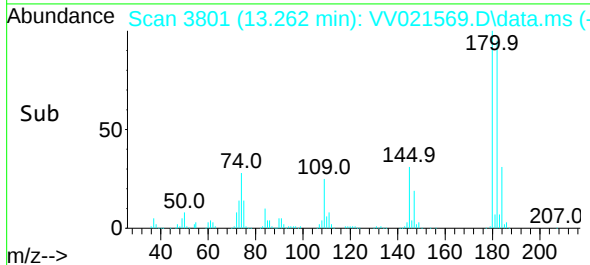
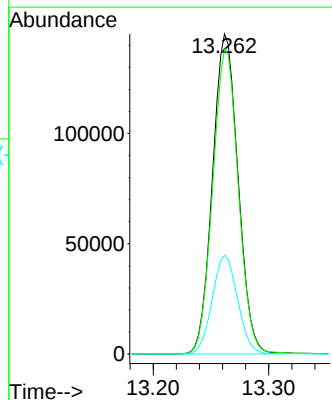
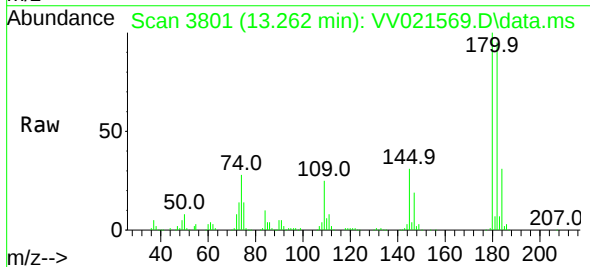
Instrument :
MSVOA_V
ClientSampleId :

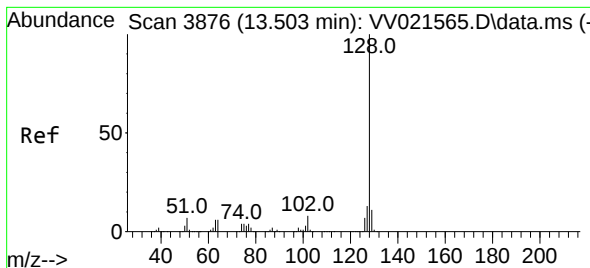
Tgt Ion:	180	Resp:	250968
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.8	115.2
184	29.9	24.3	36.5
145	29.5	21.9	32.9



#70
1,2,4-trichlorobenzene
Concen: 43.278 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion:	180	Resp:	222529
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.2	114.4
145	30.8	21.8	32.8

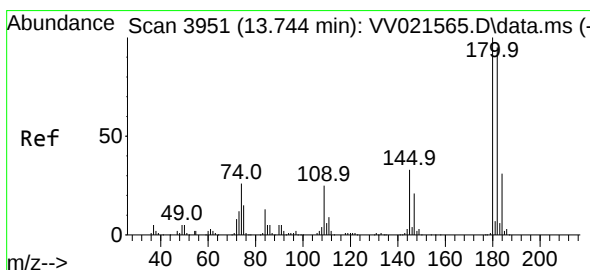
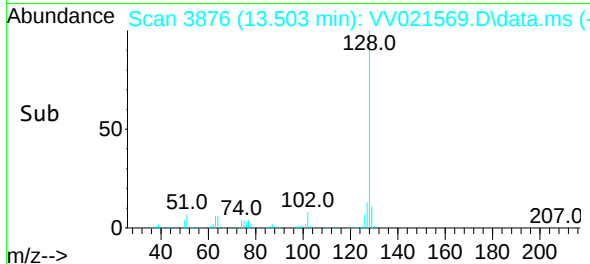
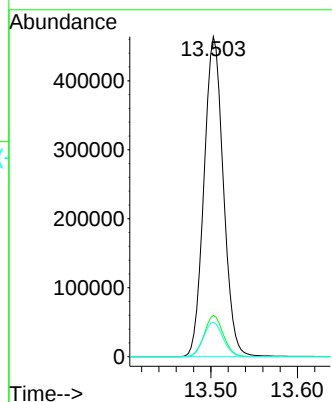
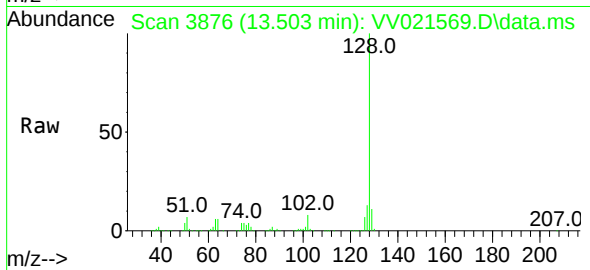




#71
Naphthalene
Concen: 50.852 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 721229
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 45.007 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021569.D
Acq: 25 Jun 2021 12:03

Tgt Ion:180 Resp: 225252
Ion Ratio Lower Upper
180 100
182 95.3 76.3 114.5
145 32.3 24.0 36.0

