

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071921\
 Data File : VV021683.D
 Acq On : 19 Jul 2021 16:08
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV231

Quant Time: Jul 20 01:54:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:38:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	449444	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	419103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	219027	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155393	48.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.740%
7) Chloroethane-d5	1.561	69	119382	54.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.540%
11) 1,1-Dichloroethene-d2	2.105	63	265494	50.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.220%
21) 2-Butanone-d5	3.873	46	255505	104.261	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.260%
24) Chloroform-d	4.346	84	303169	50.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	5.030	65	181659	50.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.600%
32) Benzene-d6	5.047	84	616762	50.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	193873	50.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.540%
41) Toluene-d8	7.317	98	572195	50.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%
43) trans-1,3-Dichloroprop...	7.622	79	98258	51.108	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.220%
47) 2-Hexanone-d5	8.085	63	182939	105.027	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.030%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	259919	51.020	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.040%
66) 1,2-Dichlorobenzene-d4	11.625	152	225772	49.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	161524	49.733	ug/L	100
3) Chloromethane	1.240	50	159208	51.930	ug/L	99
5) Vinyl chloride	1.307	62	163944	51.330	ug/L	100
6) Bromomethane	1.513	94	79427	52.159	ug/L	100
8) Chloroethane	1.577	64	99325	54.830	ug/L	99
9) Trichlorofluoromethane	1.748	101	233026	51.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	131197	51.709	ug/L	100
12) 1,1-Dichloroethene	2.114	96	123593	52.200	ug/L	91
13) Acetone	2.162	43	139213	89.566	ug/L	99
14) Carbon disulfide	2.291	76	416308	58.233	ug/L	100
15) Methyl Acetate	2.426	43	179626	52.698	ug/L	99
16) Methylene chloride	2.503	84	174592	51.017	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	149653	52.985	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	486862	50.822	ug/L	99
19) 1,1-Dichloroethane	3.185	63	273323	51.254	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	167707	51.310	ug/L	99
22) 2-Butanone	3.957	43	243565	102.698	ug/L	99
23) Bromochloromethane	4.243	128	88606	51.236	ug/L	98
25) Chloroform	4.371	83	278237	50.476	ug/L	96

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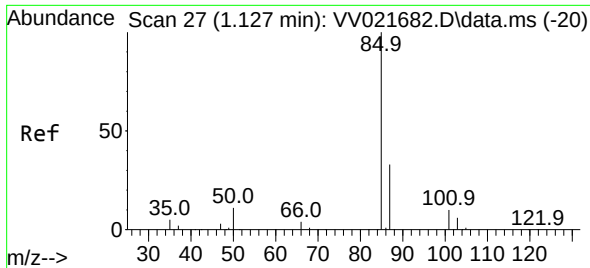
Quant Time: Jul 20 01:54:51 2021
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	206336	52.153	ug/L	99
29) Cyclohexane	4.674	56	252981	54.564	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	248197	50.093	ug/L	100
31) Carbon tetrachloride	4.825	117	217547	50.981	ug/L	99
33) Benzene	5.098	78	616943	51.784	ug/L	100
34) Trichloroethene	5.911	95	165402	51.405	ug/L	97
35) Methylcyclohexane	6.130	83	263926	54.761	ug/L	99
37) 1,2-Dichloropropane	6.172	63	157837	50.548	ug/L	100
38) Bromodichloromethane	6.510	83	212026	50.414	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	261879	52.369	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	464183	101.650	ug/L	99
42) Toluene	7.387	91	665066	51.844	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	242257	51.130	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	157061	50.293	ug/L	99
46) Tetrachloroethene	7.976	164	132184	52.620	ug/L	99
48) 2-Hexanone	8.136	43	351713	100.010	ug/L	99
49) Dibromochloromethane	8.246	129	180521	51.154	ug/L	98
50) 1,2-Dibromoethane	8.352	107	170597	51.094	ug/L	100
51) Chlorobenzene	8.882	112	426086	50.637	ug/L	100
52) Ethylbenzene	9.011	91	709725	51.640	ug/L	99
53) m,p-Xylene	9.140	106	276523	51.782	ug/L	98
54) o-Xylene	9.545	106	273557	51.159	ug/L	98
55) Styrene	9.561	104	465542	51.660	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	245530	51.077	ug/L	99
59) Bromoform	9.731	173	132266	48.976	ug/L	99
60) Isopropylbenzene	9.931	105	718393	50.542	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	200445	49.341	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	608314	50.759	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	612078	50.559	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	336916	50.152	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	337411	50.177	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	339094	49.727	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	55360	49.264	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	244829	49.142	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	227403	51.737	ug/L	98
71) Naphthalene	13.503	128	699059	51.466	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	228448	50.979	ug/L	99

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

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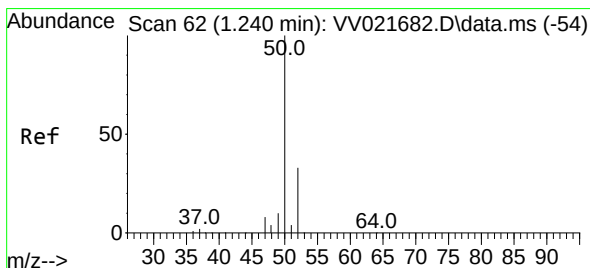
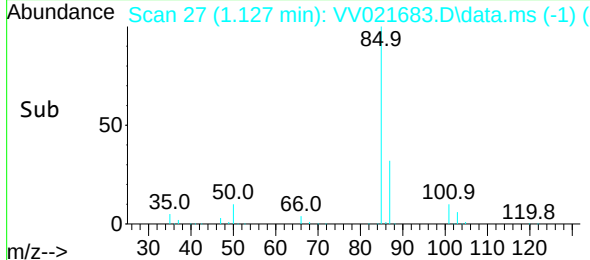
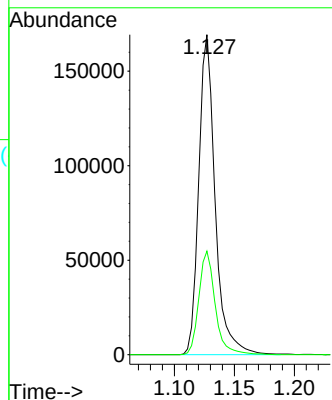
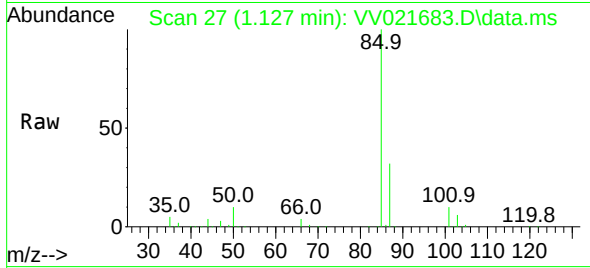




#2
 Dichlorodifluoromethane
 Concen: 49.733 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021683.D
 Acq: 19 Jul 2021 16:08

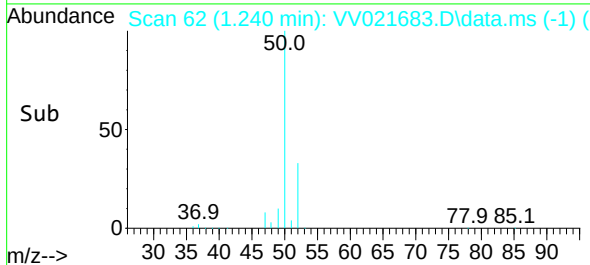
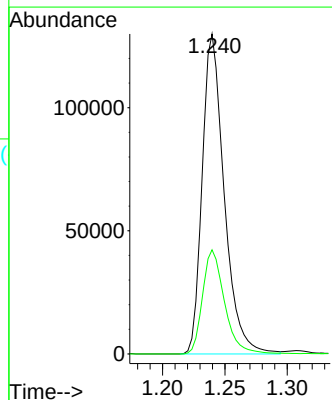
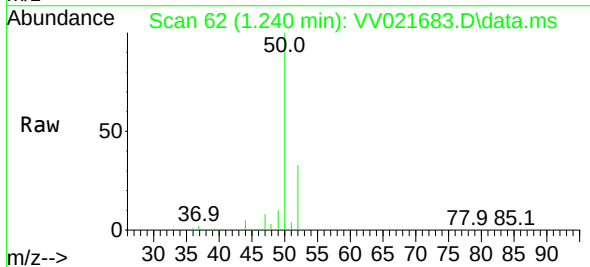
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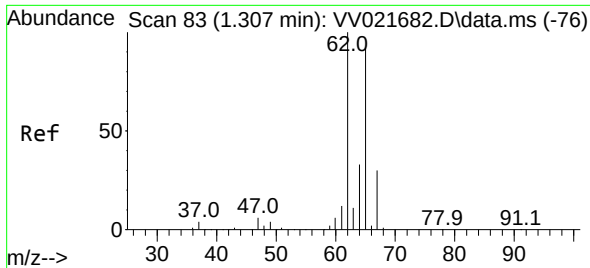
Tgt Ion: 85 Resp: 161524
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 51.930 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021683.D
 Acq: 19 Jul 2021 16:08

Tgt Ion: 50 Resp: 159208
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.2

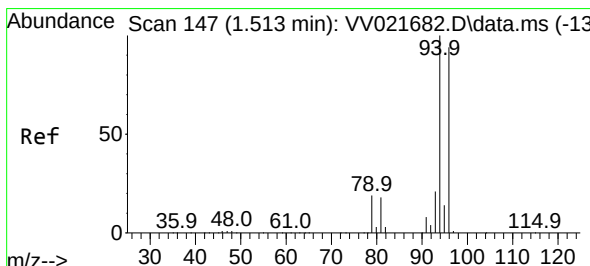
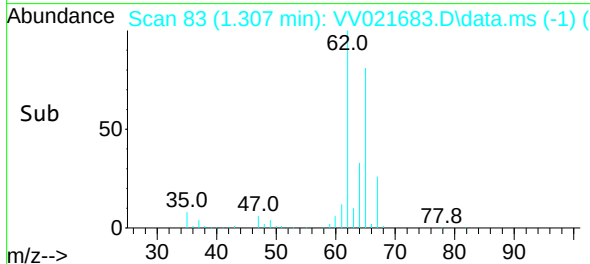
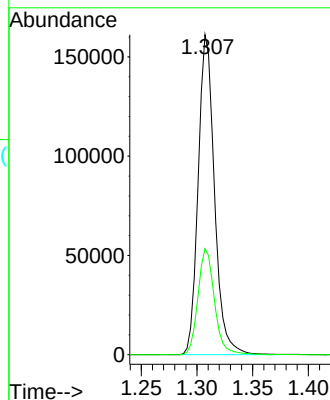
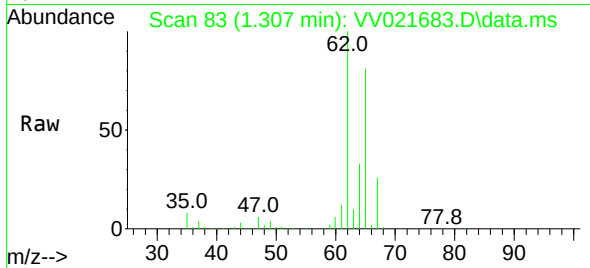




#5
 Vinyl chloride
 Concen: 51.330 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021683.D
 Acq: 19 Jul 2021 16:08

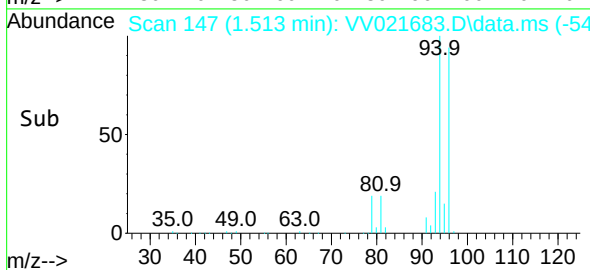
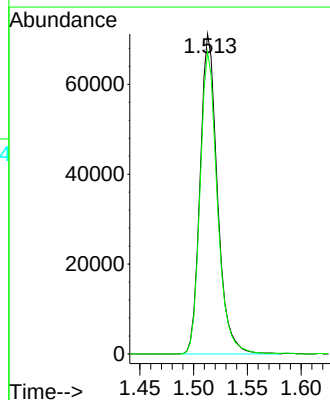
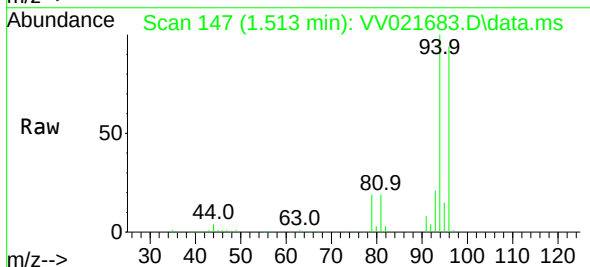
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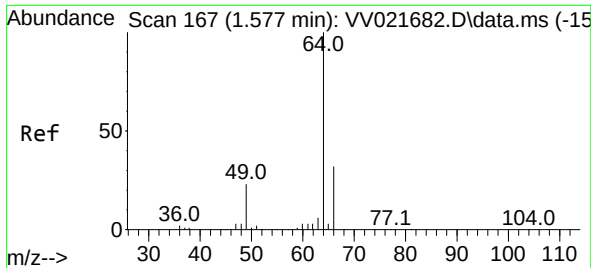
Tgt Ion: 62 Resp: 163944
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.4



#6
 Bromomethane
 Concen: 52.159 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV021683.D
 Acq: 19 Jul 2021 16:08

Tgt Ion: 94 Resp: 79427
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.0 122.6

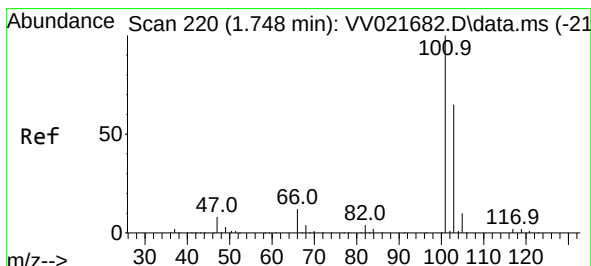
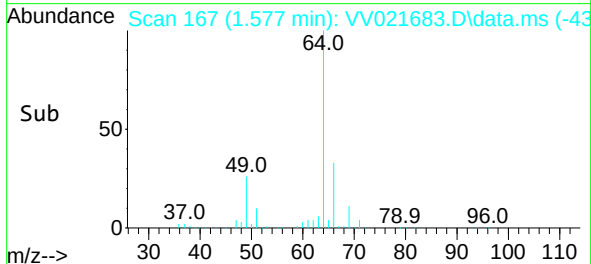
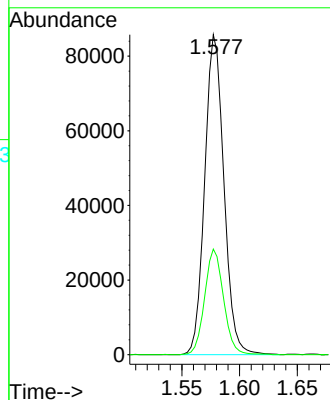
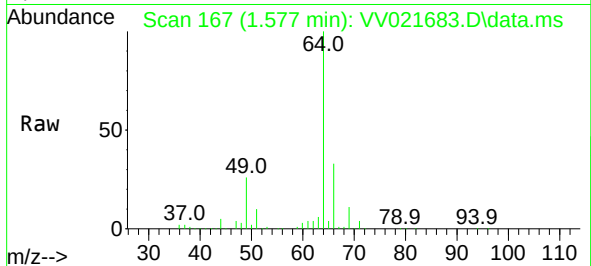




#8
Chloroethane
Concen: 54.830 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

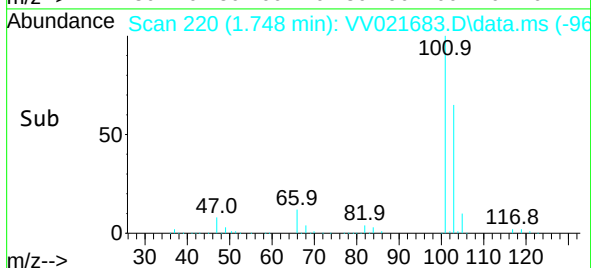
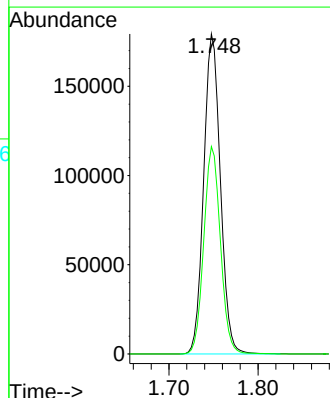
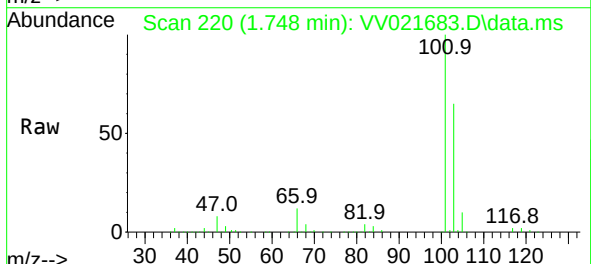
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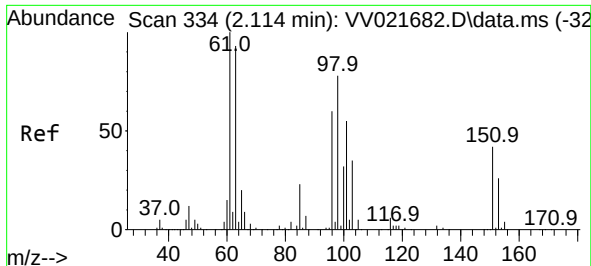
Tgt Ion: 64 Resp: 99325
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 51.867 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion:101 Resp: 233026
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

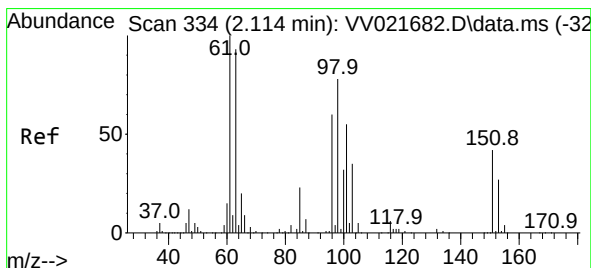
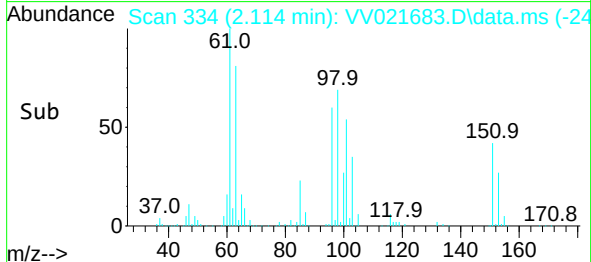
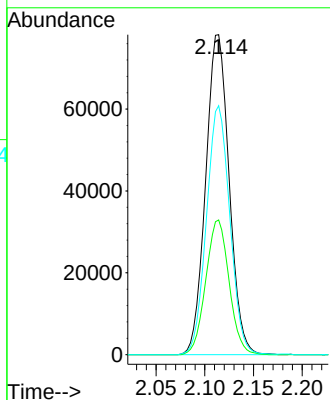
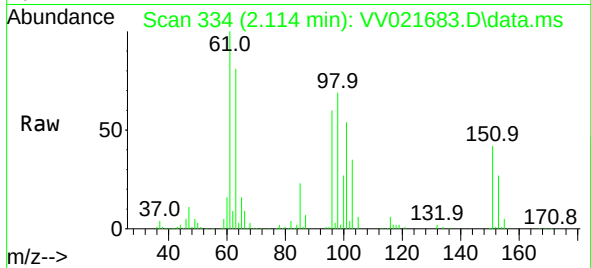




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.709 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

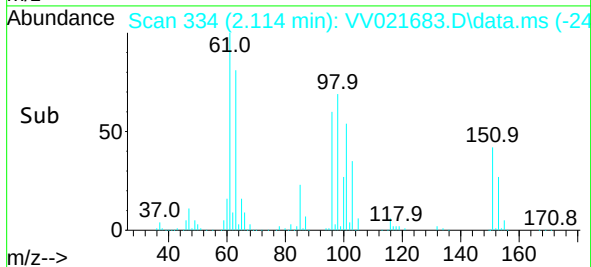
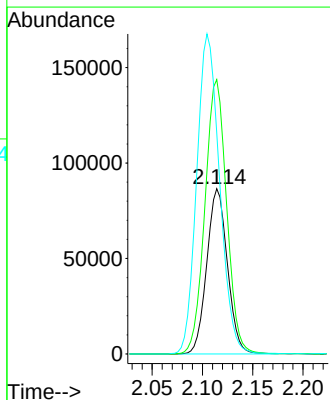
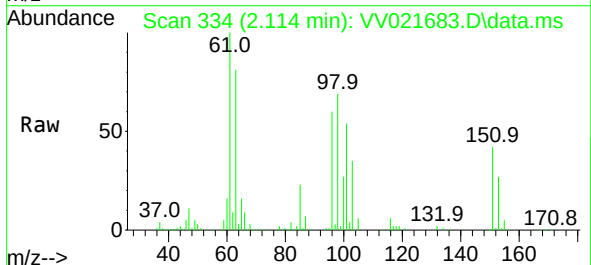
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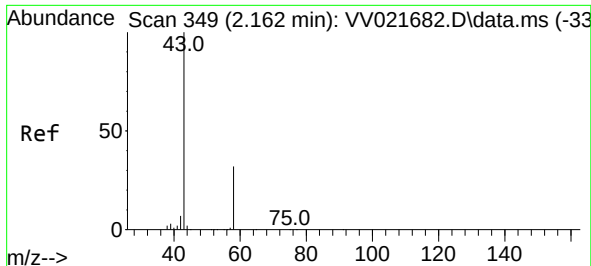
Tgt Ion:101 Resp: 131197
Ion Ratio Lower Upper
101 100
85 41.7 33.6 50.4
151 77.5 62.0 93.0



#12
1,1-Dichloroethene
Concen: 52.200 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 96 Resp: 123593
Ion Ratio Lower Upper
96 100
61 166.1 117.5 218.1
63 133.7 110.1 204.5

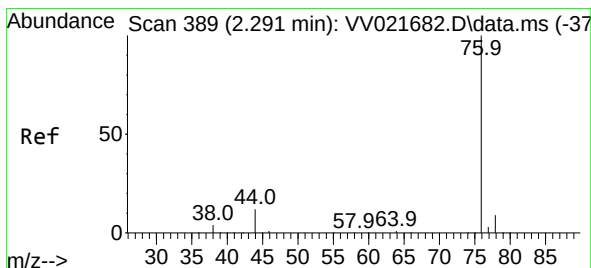
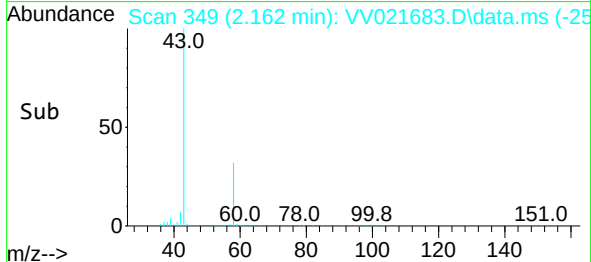
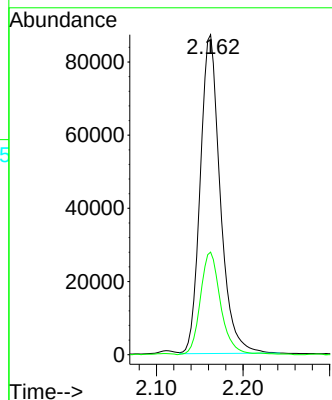
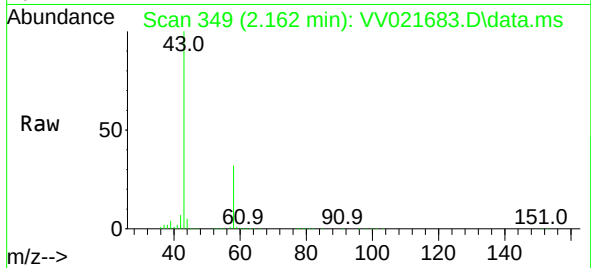




#13
Acetone
Concen: 89.566 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

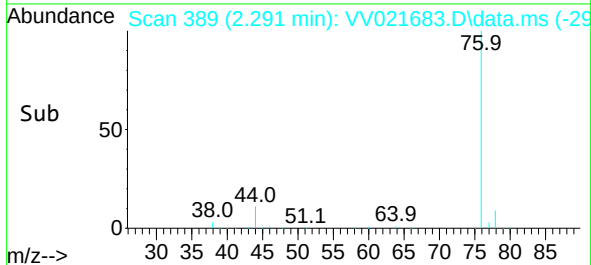
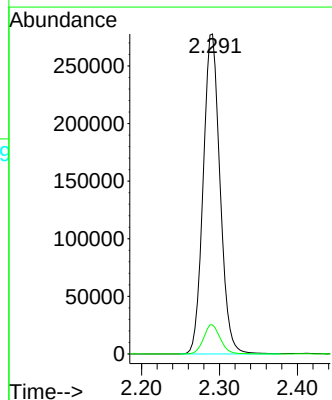
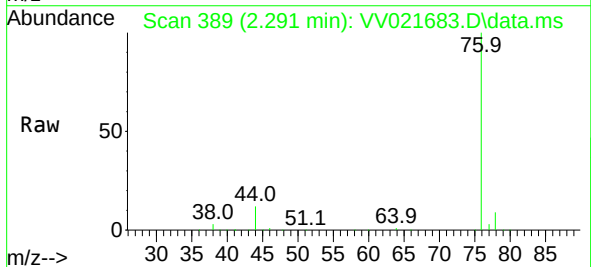
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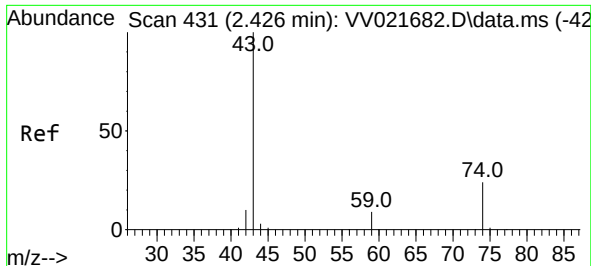
Tgt Ion: 43 Resp: 139213
Ion Ratio Lower Upper
43 100
58 32.6 0.0 64.6



#14
Carbon disulfide
Concen: 58.233 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 76 Resp: 416308
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

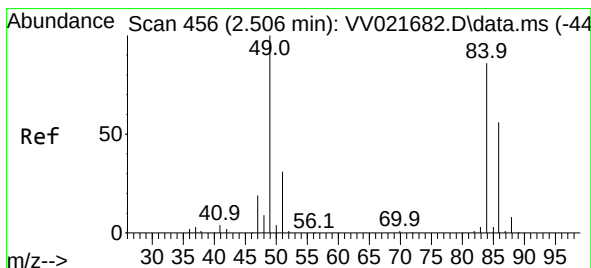
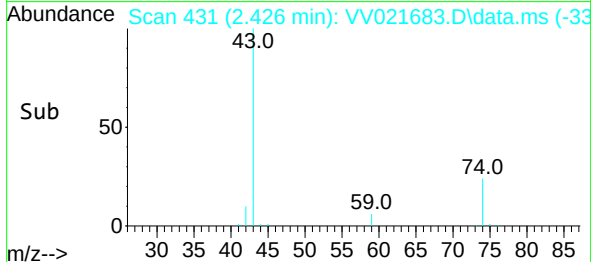
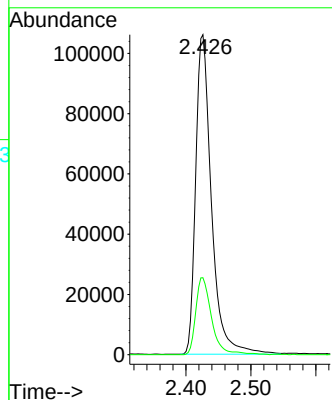
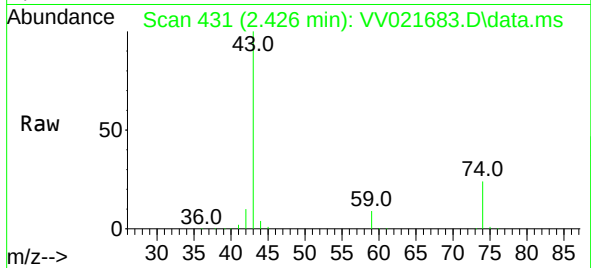




#15
Methyl Acetate
Concen: 52.698 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

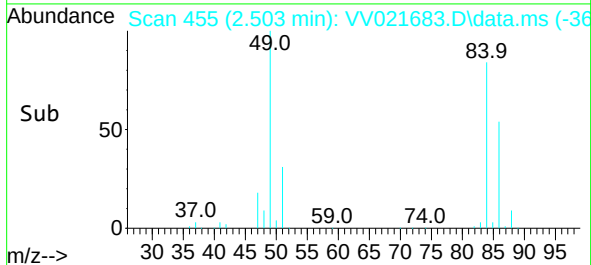
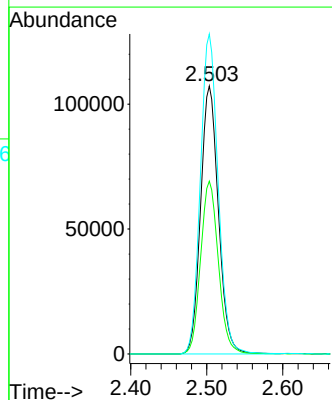
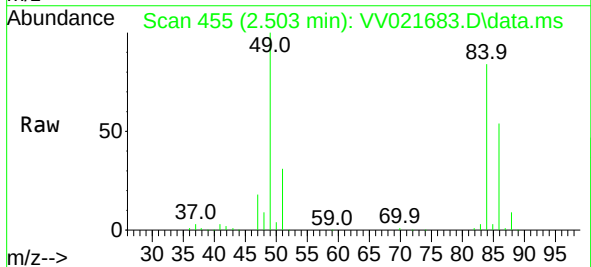
Instrument :
MSVOA_V
ClientSampled :
VICV231

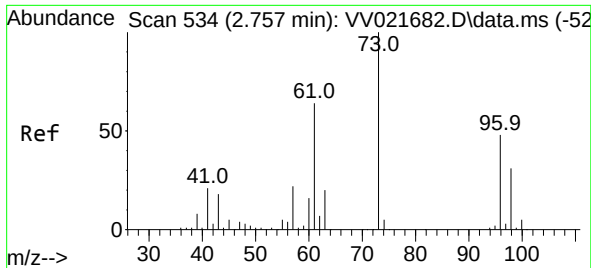
Tgt Ion: 43 Resp: 179626
Ion Ratio Lower Upper
43 100
74 23.5 19.3 28.9



#16
Methylene chloride
Concen: 51.017 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 84 Resp: 174592
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 119.4 81.1 150.7

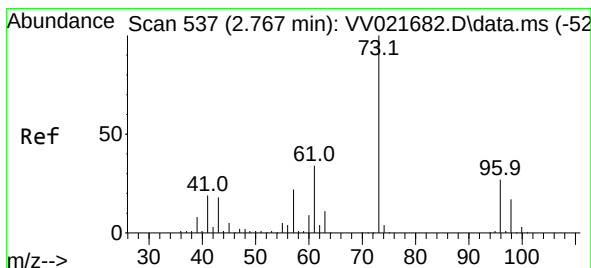
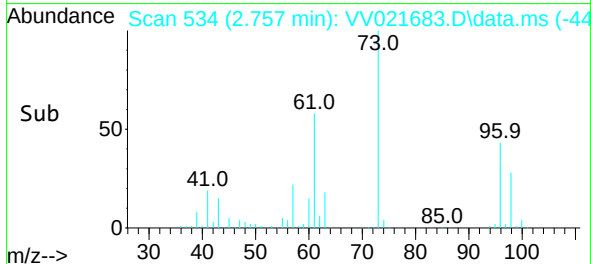
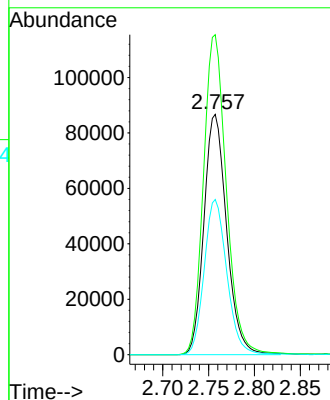
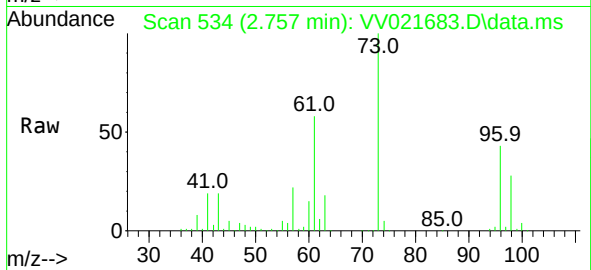




#17
trans-1,2-Dichloroethene
Concen: 52.985 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

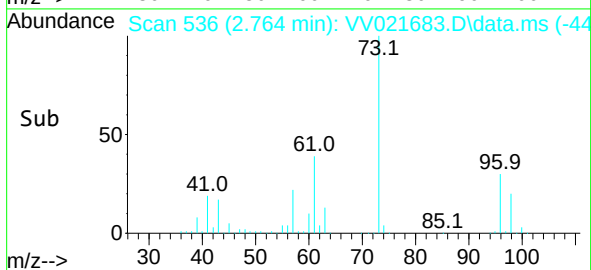
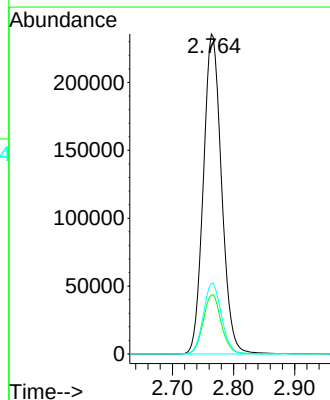
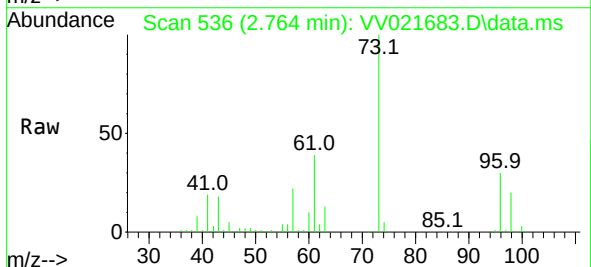
Instrument :
MSVOA_V
ClientSampled :
VICV231

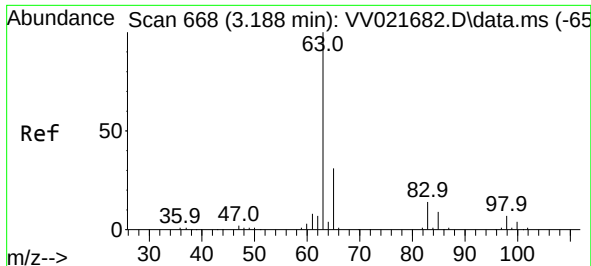
Tgt Ion: 96 Resp: 149653
Ion Ratio Lower Upper
96 100
61 133.2 93.7 174.1
98 64.6 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 50.822 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 73 Resp: 486862
Ion Ratio Lower Upper
73 100
43 18.2 14.3 21.5
57 22.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 51.254 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.003 min

Lab File: VV021683.D

Acq: 19 Jul 2021 16:08

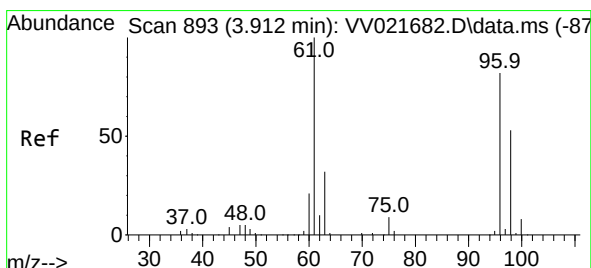
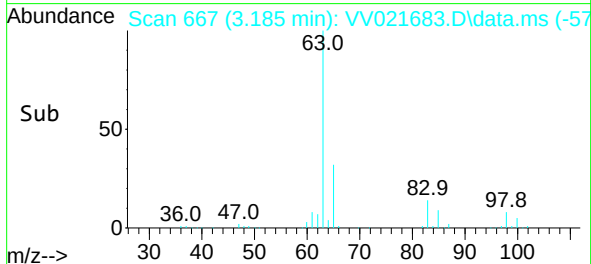
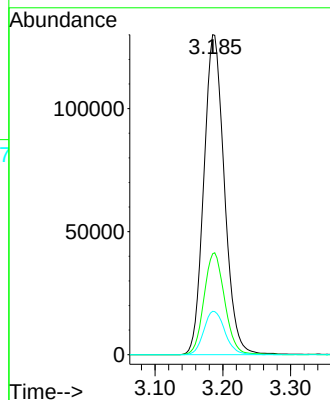
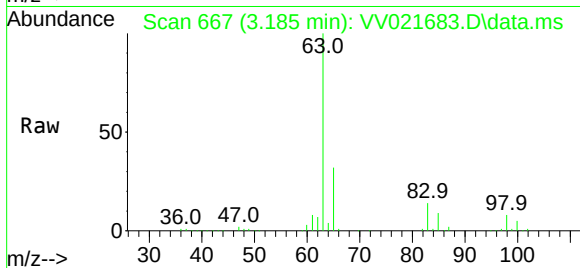
Tgt Ion: 63 Resp: 273323

Ion Ratio Lower Upper

63 100

65 31.5 22.0 40.8

83 13.6 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 51.310 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV021683.D

Acq: 19 Jul 2021 16:08

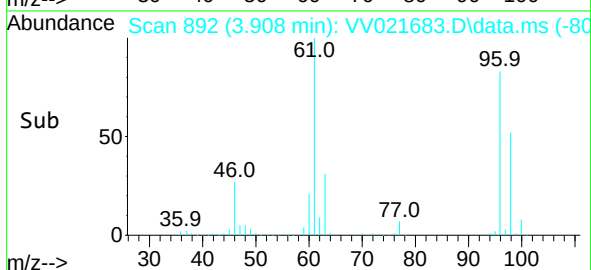
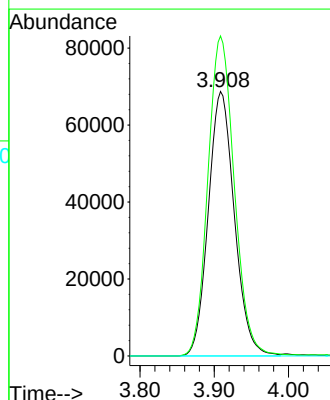
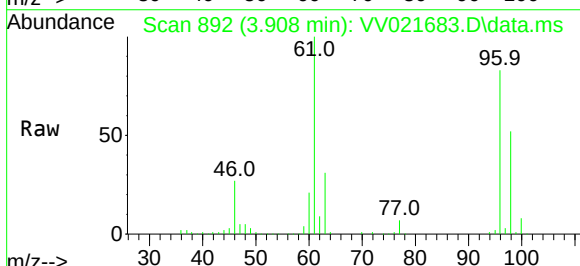
Tgt Ion: 96 Resp: 167707

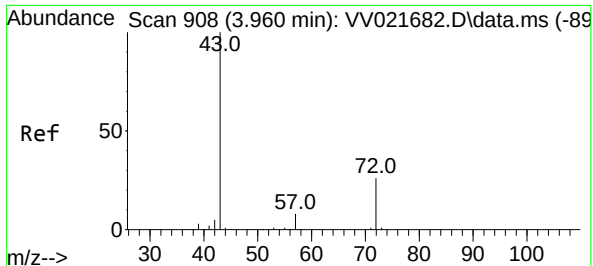
Ion Ratio Lower Upper

96 100

61 121.0 85.3 158.3

68 0.0 0.0 0.0

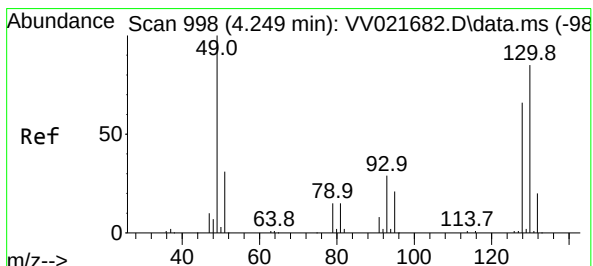
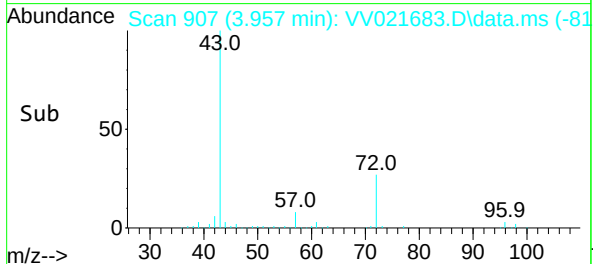
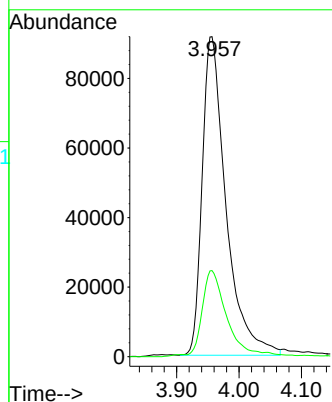
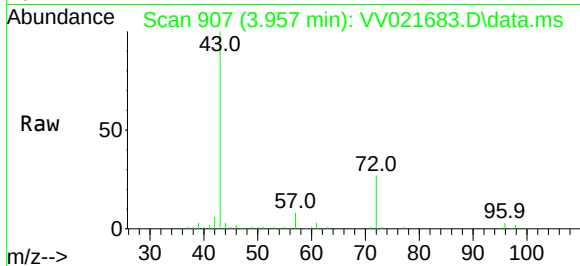




#22
2-Butanone
Concen: 102.698 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

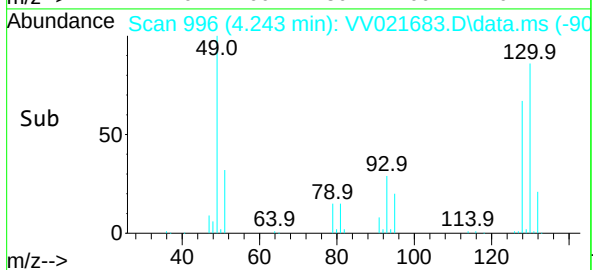
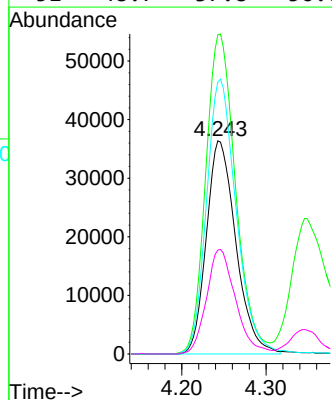
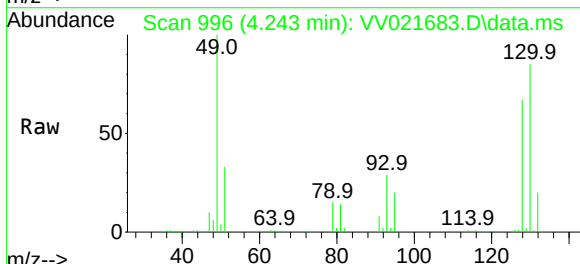
Instrument :
MSVOA_V
ClientSampleId :
VICV231

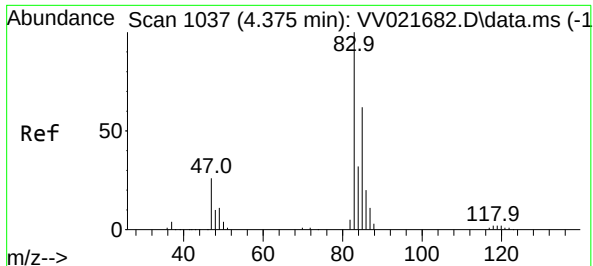
Tgt Ion: 43 Resp: 243565
Ion Ratio Lower Upper
43 100
72 25.9 13.2 39.5



#23
Bromochloromethane
Concen: 51.236 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.006 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 128 Resp: 88606
Ion Ratio Lower Upper
128 100
49 149.7 106.8 198.4
130 127.5 90.6 168.2
51 48.7 37.8 56.6





#25

Chloroform

Concen: 50.476 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021683.D

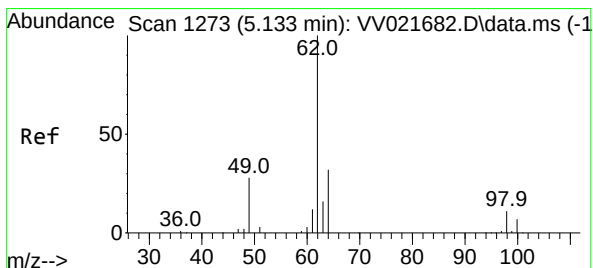
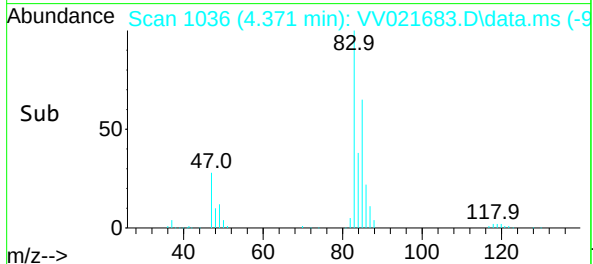
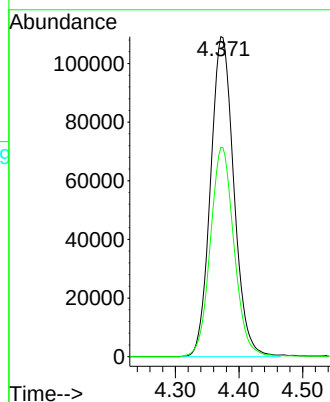
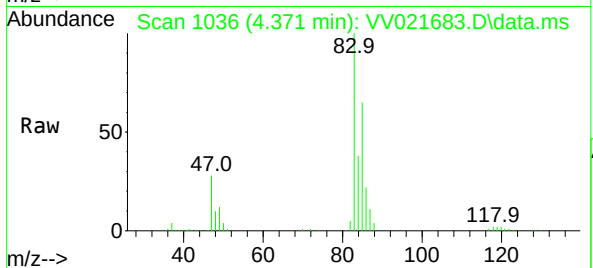
Acq: 19 Jul 2021 16:08

Tgt Ion: 83 Resp: 278237

Ion Ratio Lower Upper

83 100

85 65.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 52.153 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VV021683.D

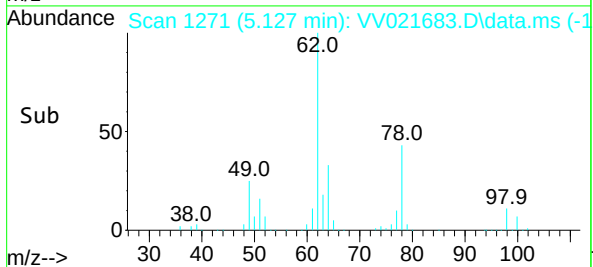
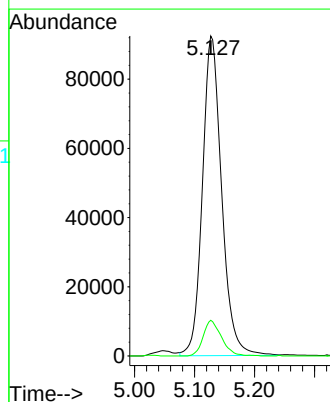
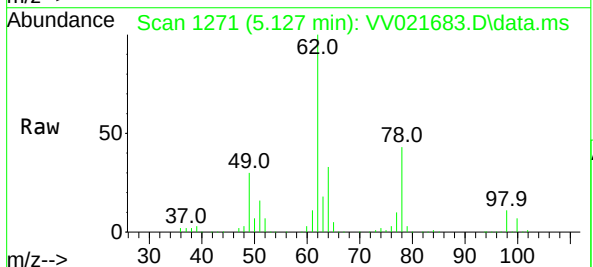
Acq: 19 Jul 2021 16:08

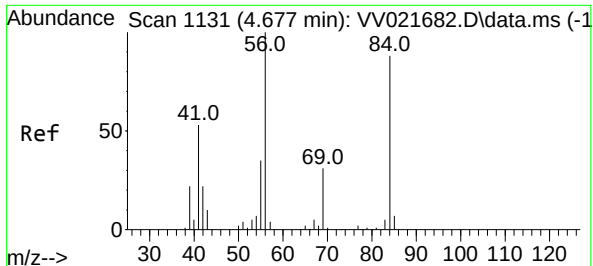
Tgt Ion: 62 Resp: 206336

Ion Ratio Lower Upper

62 100

98 11.1 8.7 13.1





#29

Cyclohexane

Concen: 54.564 ug/L

RT: 4.674 min Scan# 1130

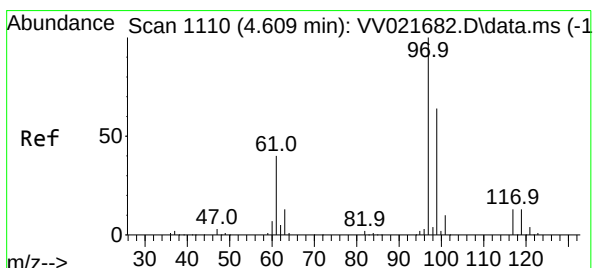
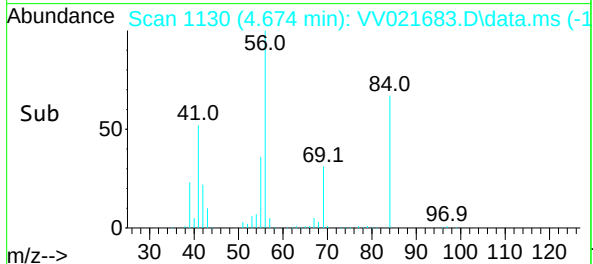
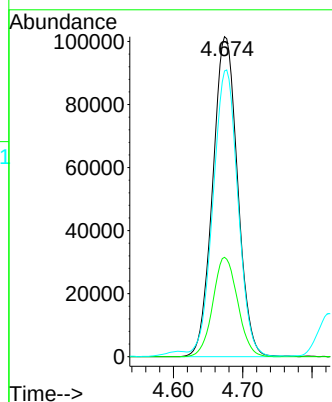
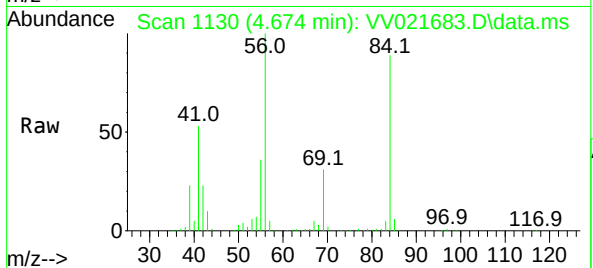
Delta R.T. -0.003 min

Lab File: VV021683.D

Acq: 19 Jul 2021 16:08

Instrument :
MSVOA_V
ClientSampleId :
VICV231

Tgt Ion:	56	Resp:	252981
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.5	36.7
84	89.3	71.4	107.0



#30

1,1,1-Trichloroethane

Concen: 50.093 ug/L

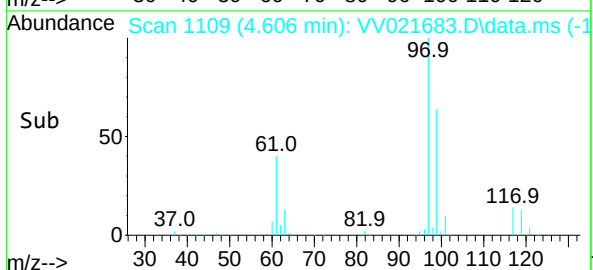
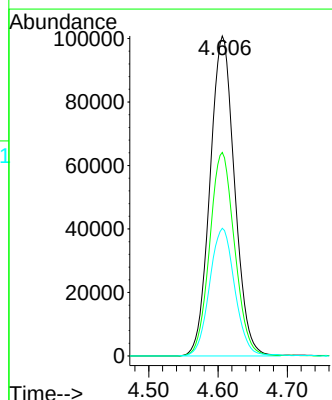
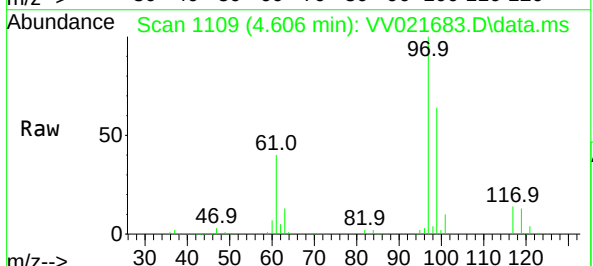
RT: 4.606 min Scan# 1109

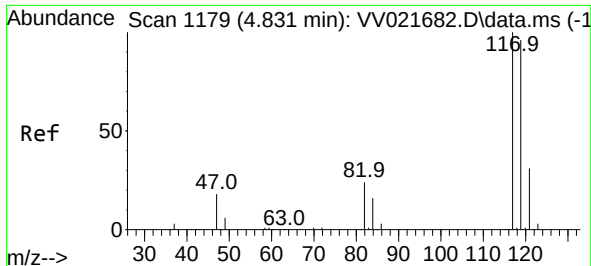
Delta R.T. -0.003 min

Lab File: VV021683.D

Acq: 19 Jul 2021 16:08

Tgt Ion:	97	Resp:	248197
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	40.9	32.6	49.0

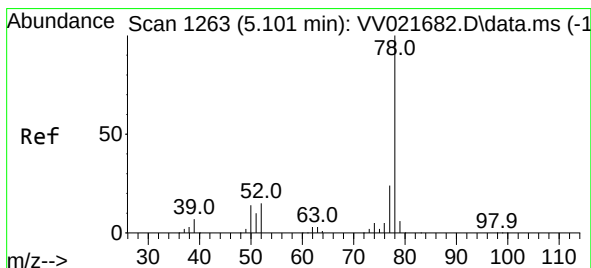
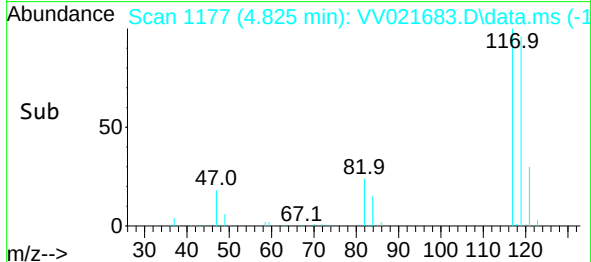
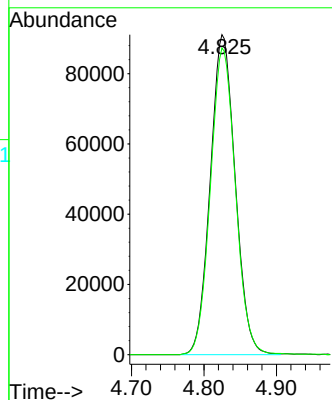
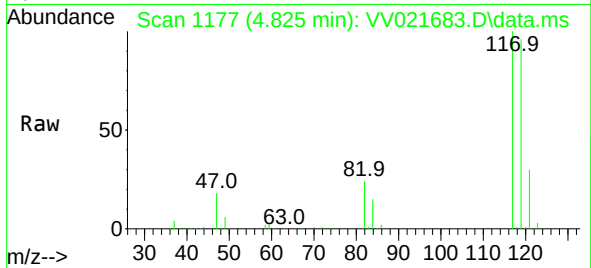




#31
Carbon tetrachloride
Concen: 50.981 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

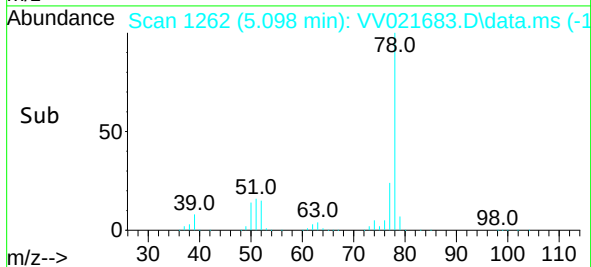
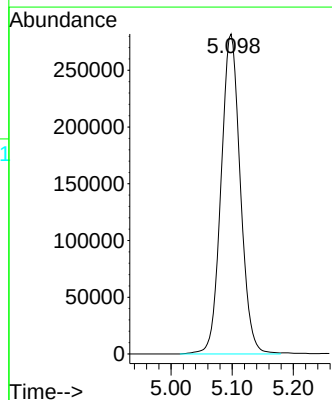
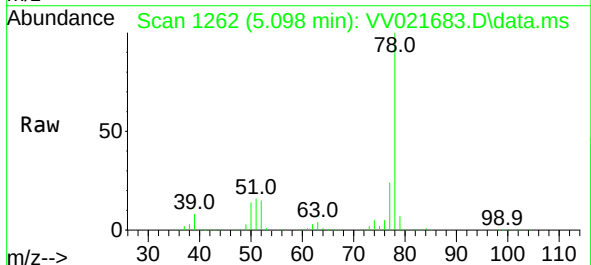
Instrument :
MSVOA_V
ClientSampleId :
VICV231

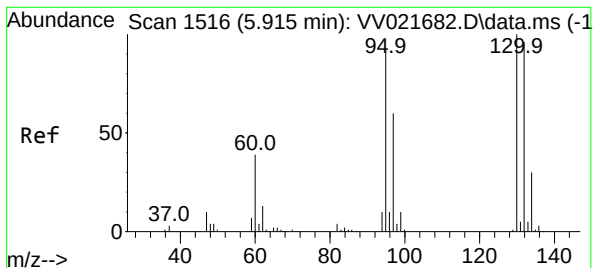
Tgt Ion:117 Resp: 217547
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5



#33
Benzene
Concen: 51.784 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 78 Resp: 616943





#34

Trichloroethene

Concen: 51.405 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV021683.D

Acq: 19 Jul 2021 16:08

Tgt Ion: 95 Resp: 165402

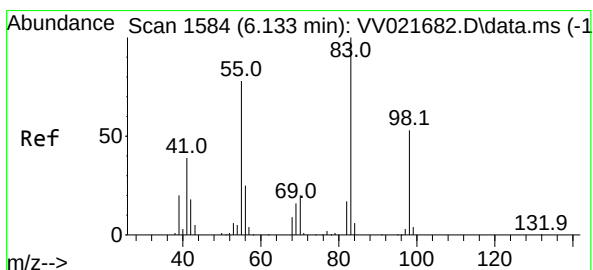
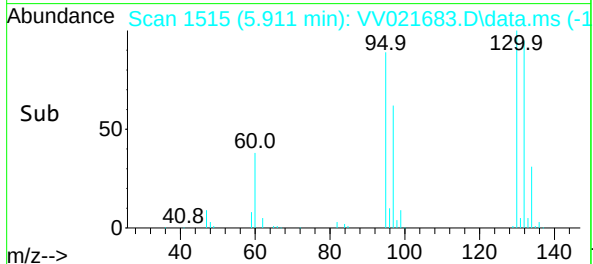
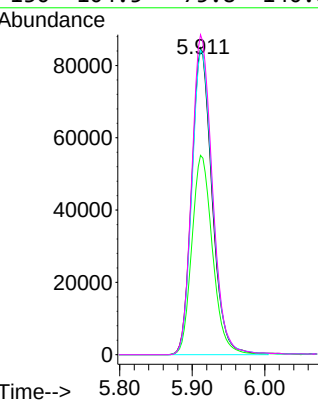
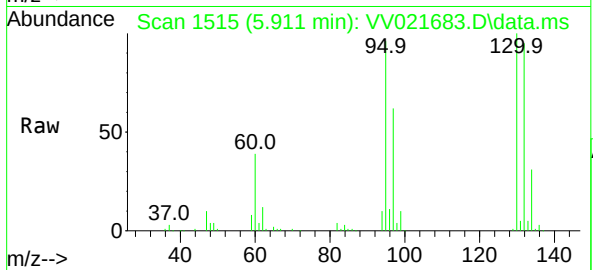
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.6

132 99.4 72.4 134.5

130 104.5 75.8 140.8



#35

Methylcyclohexane

Concen: 54.761 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV021683.D

Acq: 19 Jul 2021 16:08

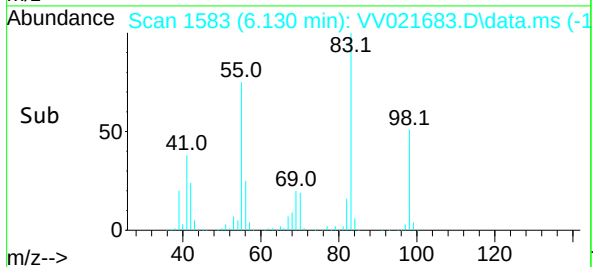
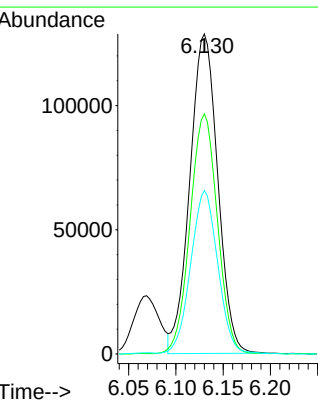
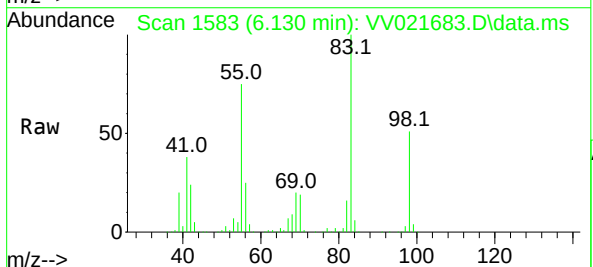
Tgt Ion: 83 Resp: 263926

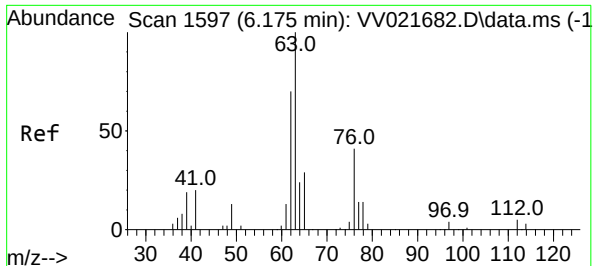
Ion Ratio Lower Upper

83 100

55 73.7 59.3 88.9

98 49.6 40.2 60.4



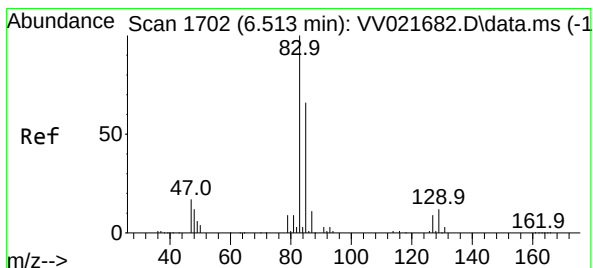
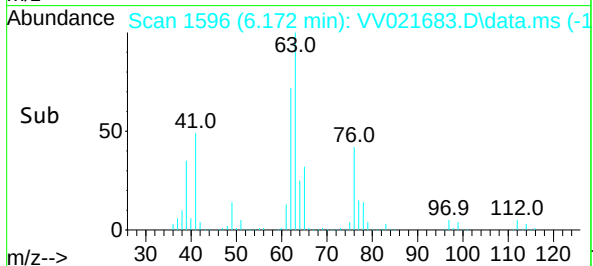
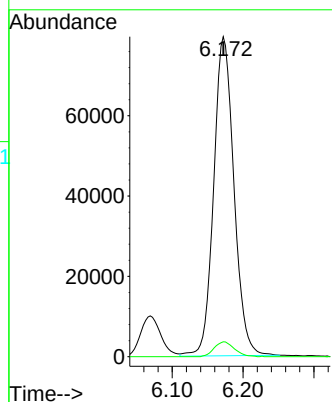
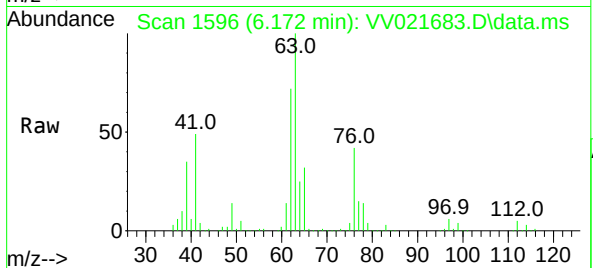


#37

1,2-Dichloropropane
Concen: 50.548 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Instrument :
MSVOA_V
ClientSampled :
VICV231

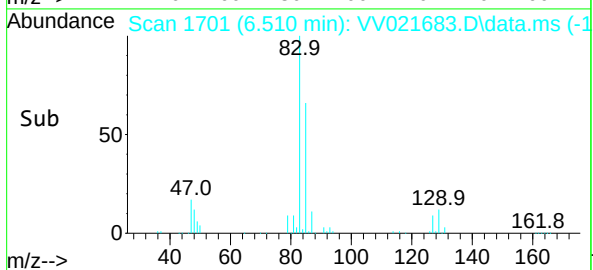
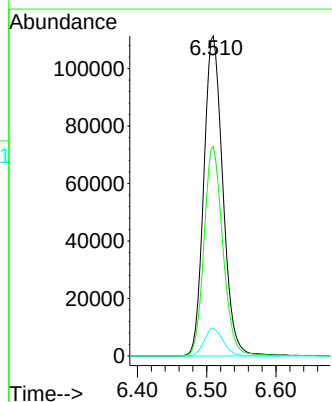
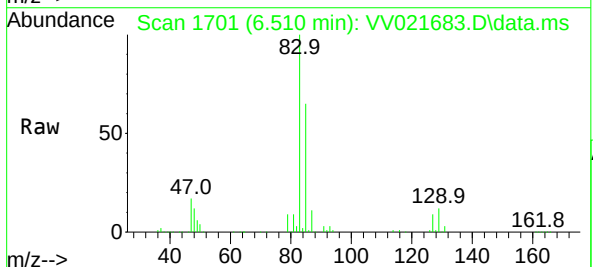
Tgt Ion: 63 Resp: 157837
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6

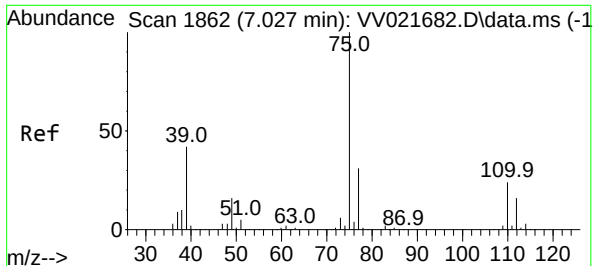


#38

Bromodichloromethane
Concen: 50.414 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 83 Resp: 212026
Ion Ratio Lower Upper
83 100
85 65.4 46.1 85.5
127 8.7 7.4 11.0

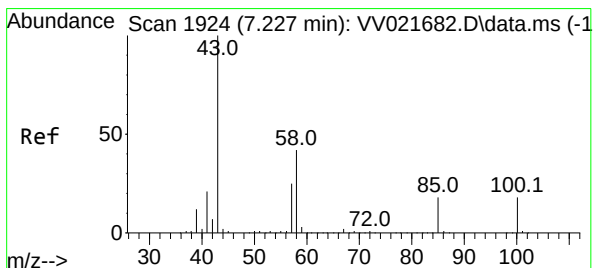
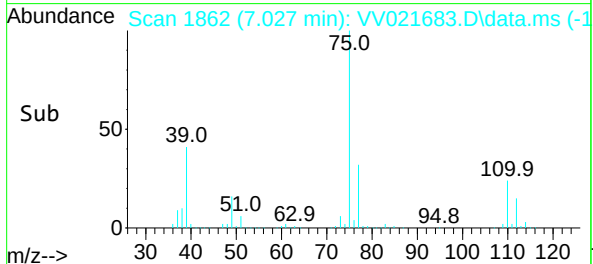
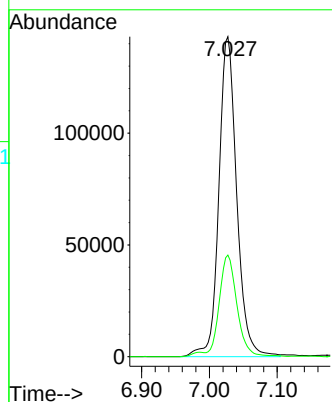
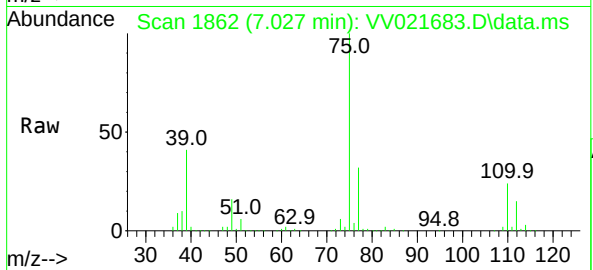




#39
 cis-1,3-Dichloropropene
 Concen: 52.369 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021683.D
 Acq: 19 Jul 2021 16:08

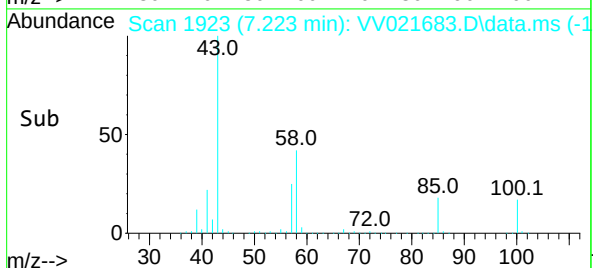
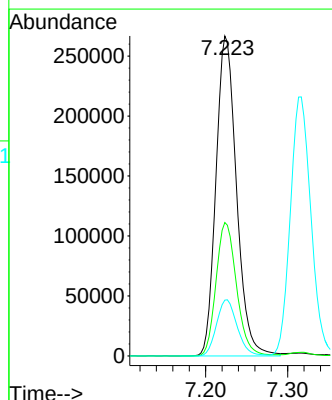
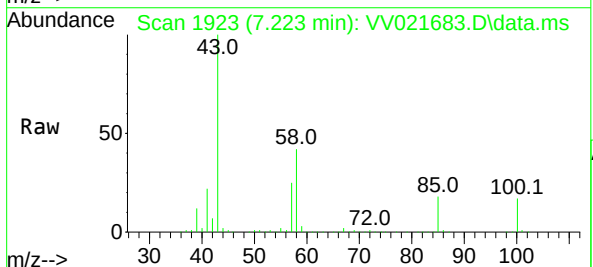
Instrument :
 MSVOA_V
 ClientSampled :
 VICV231

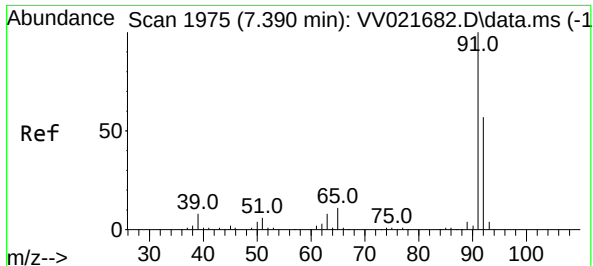
Tgt Ion: 75 Resp: 261879
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 101.650 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV021683.D
 Acq: 19 Jul 2021 16:08

Tgt Ion: 43 Resp: 464183
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.1 49.7
 100 17.7 13.8 20.8

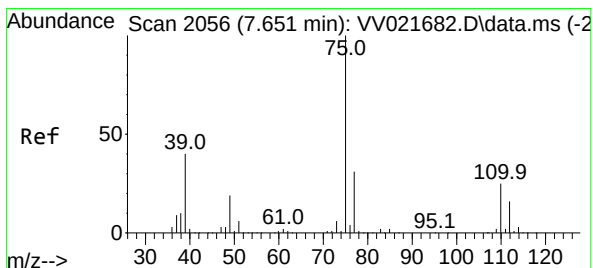
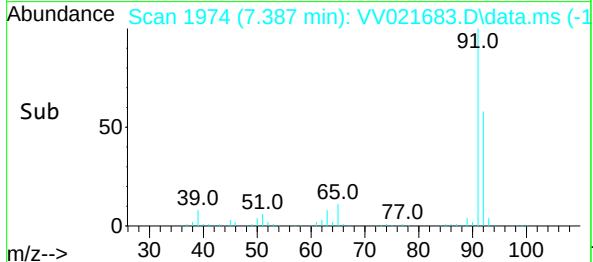
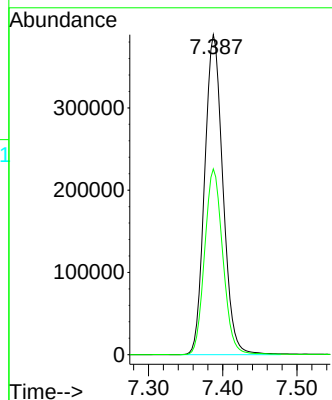
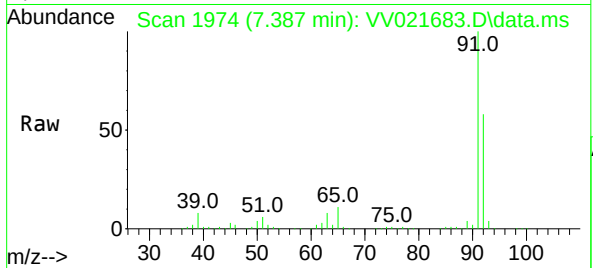




#42
Toluene
Concen: 51.844 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

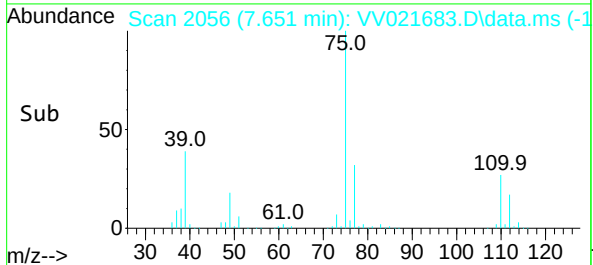
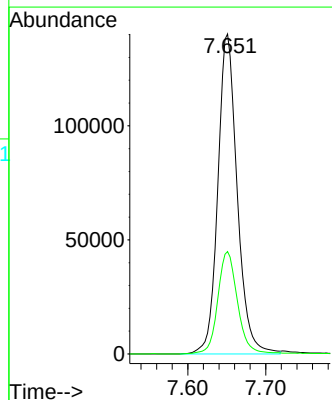
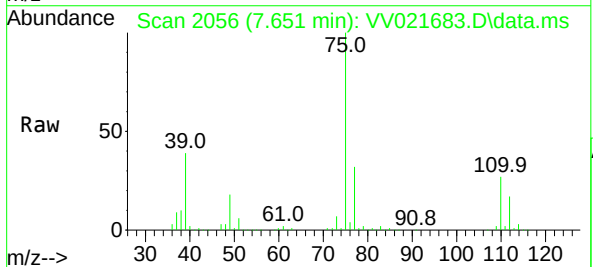
Instrument :
MSVOA_V
ClientSampled :
VICV231

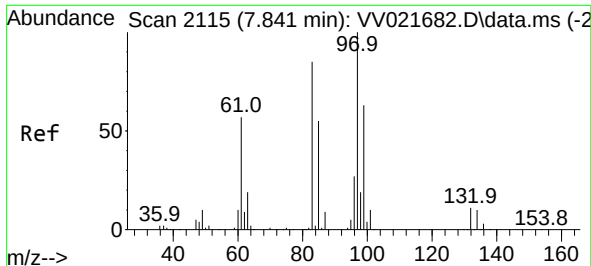
Tgt Ion: 91 Resp: 665066
Ion Ratio Lower Upper
91 100
92 58.0 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 51.130 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 75 Resp: 242257
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.4



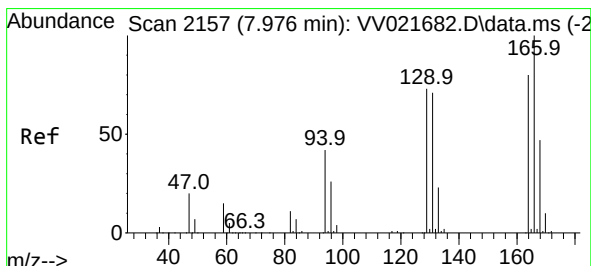
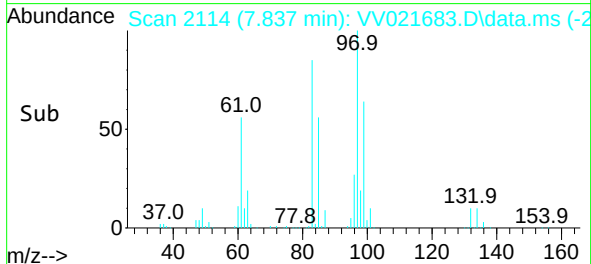
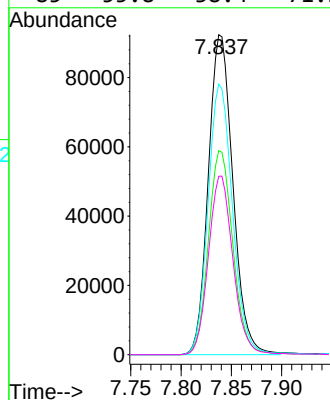
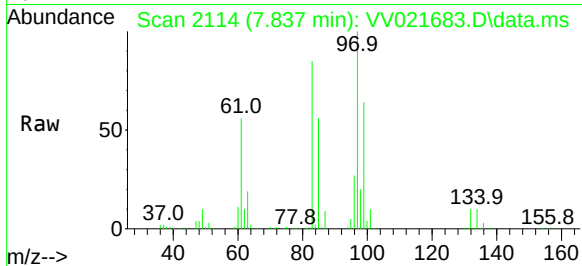


#45
1,1,2-Trichloroethane
Concen: 50.293 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Instrument :
MSVOA_V
ClientSampleId :
VICV231

Tgt Ion: 97 Resp: 157061

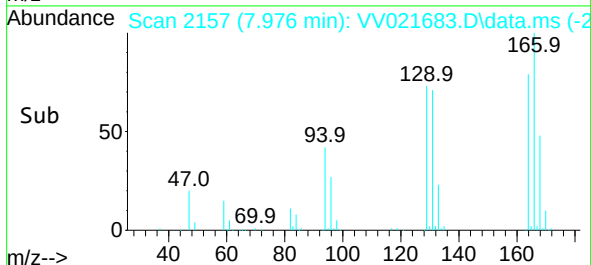
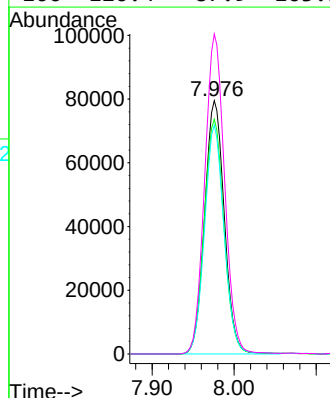
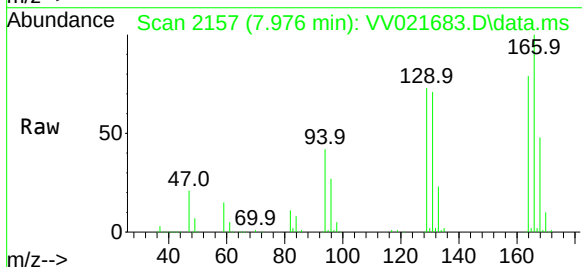
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.0	81.8
83	84.5	59.1	109.9
85	55.8	38.4	71.2

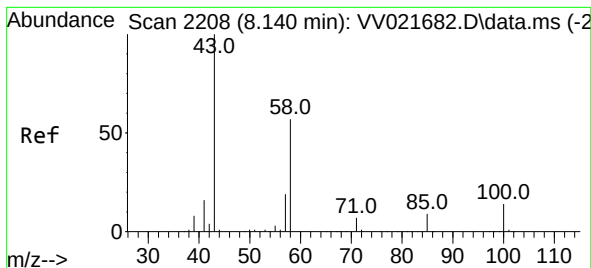


#46
Tetrachloroethene
Concen: 52.620 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 164 Resp: 132184

Ion	Ratio	Lower	Upper
164	100		
129	92.7	63.8	118.6
131	90.3	62.1	115.3
166	126.4	87.9	163.3





#48

2-Hexanone

Concen: 100.010 ug/L

RT: 8.136 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VV021683.D

Acq: 19 Jul 2021 16:08

Tgt Ion: 43 Resp: 351713

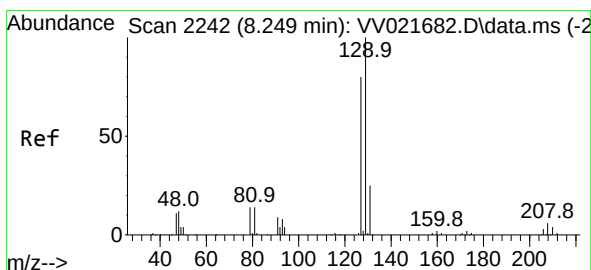
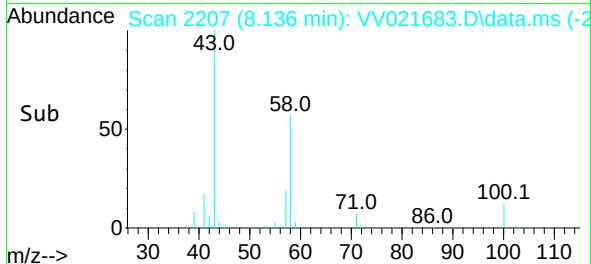
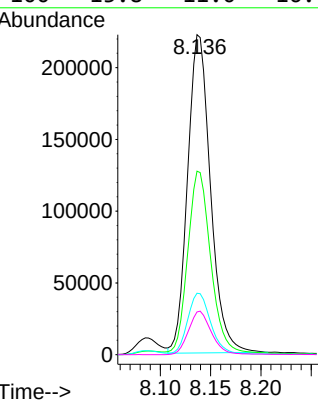
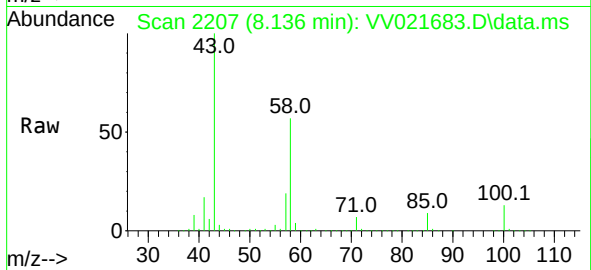
Ion Ratio Lower Upper

43 100

58 58.9 46.0 69.0

57 19.5 15.6 23.4

100 13.8 11.0 16.4



#49

Dibromochloromethane

Concen: 51.154 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV021683.D

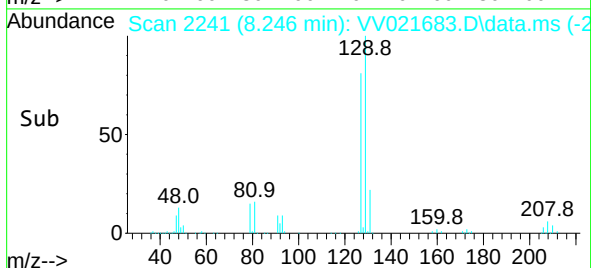
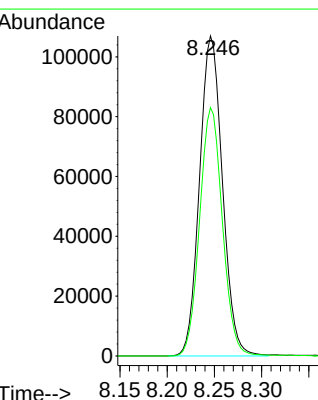
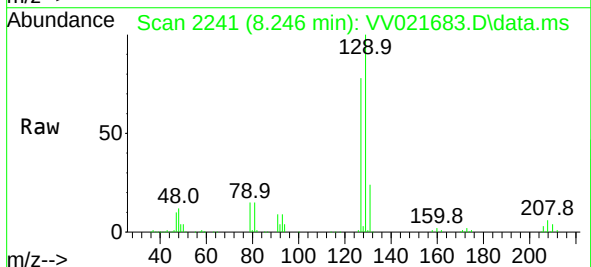
Acq: 19 Jul 2021 16:08

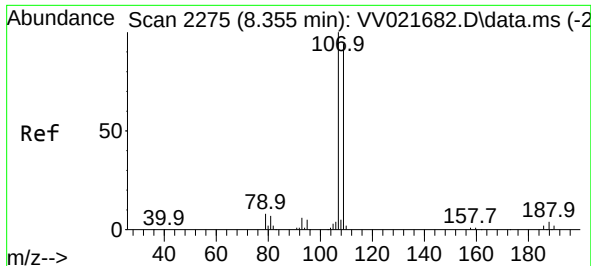
Tgt Ion: 129 Resp: 180521

Ion Ratio Lower Upper

129 100

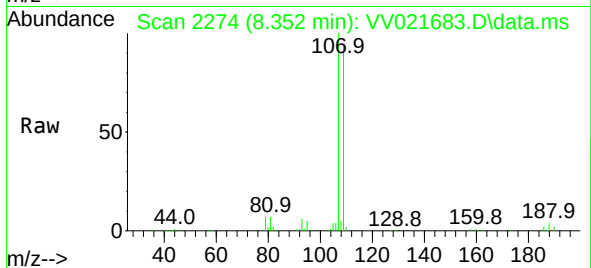
127 77.6 55.6 103.4



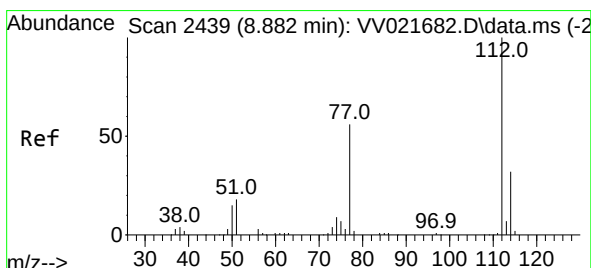
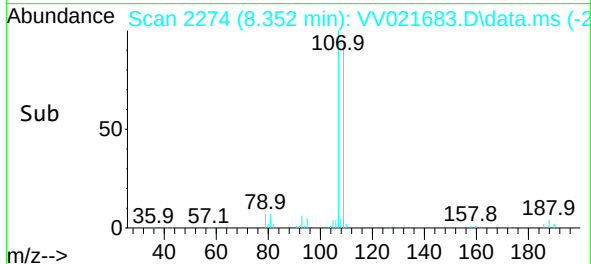
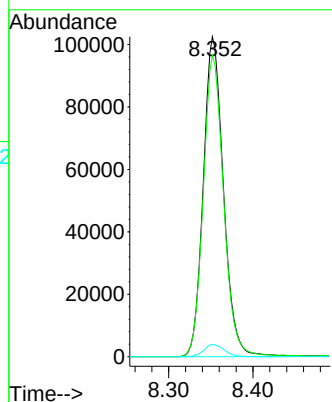


#50
1,2-Dibromoethane
Concen: 51.094 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Instrument :
MSVOA_V
ClientSampleId :
VICV231

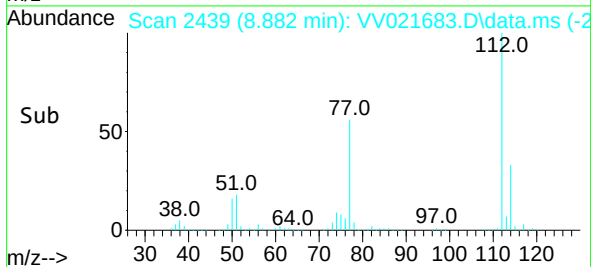
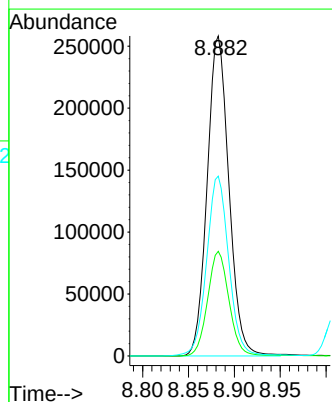
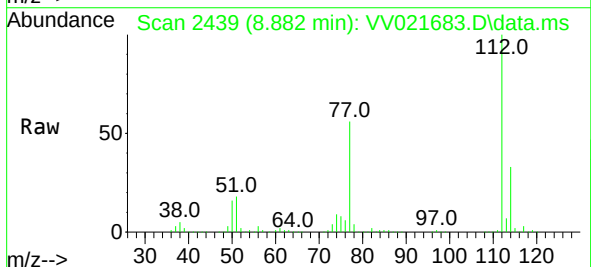


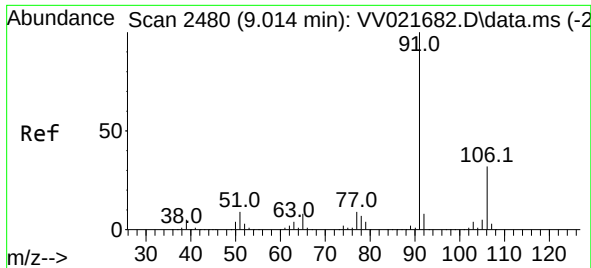
Tgt Ion:107 Resp: 170597
Ion Ratio Lower Upper
107 100
109 94.2 65.7 122.1
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 50.637 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion:112 Resp: 426086
Ion Ratio Lower Upper
112 100
114 32.7 22.5 41.9
77 56.2 45.0 67.6

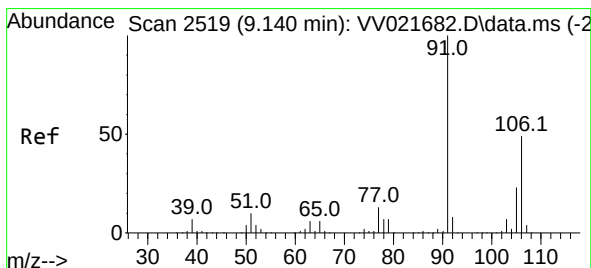
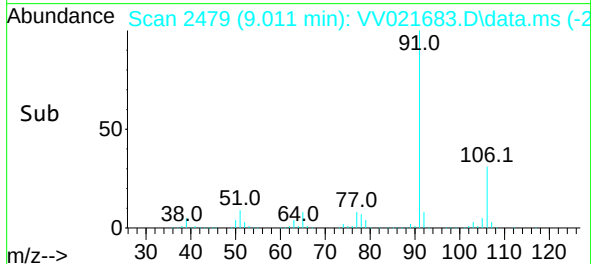
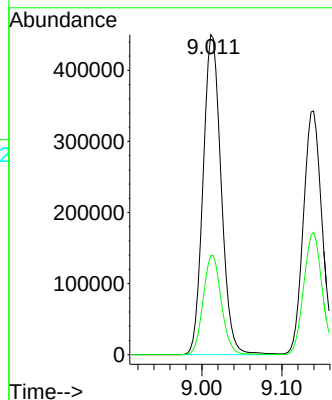
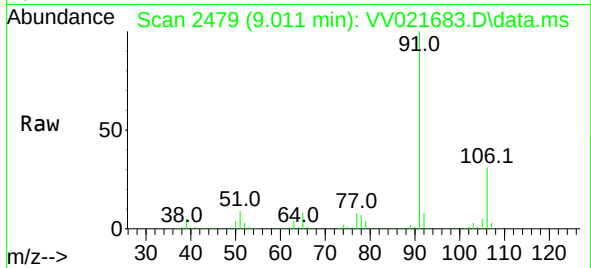




#52
Ethylbenzene
Concen: 51.640 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

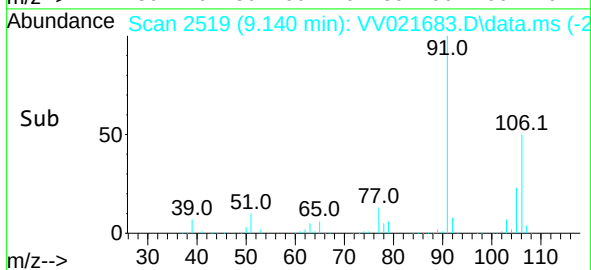
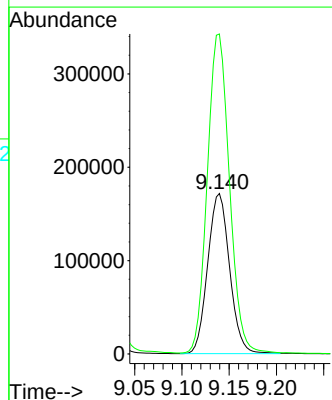
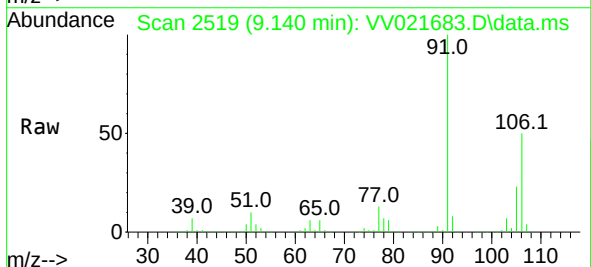
Instrument :
MSVOA_V
ClientSampleId :
VICV231

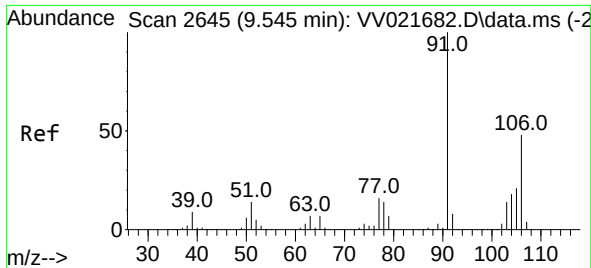
Tgt Ion: 91 Resp: 709725
Ion Ratio Lower Upper
91 100
106 31.0 22.1 41.1



#53
m,p-Xylene
Concen: 51.782 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 106 Resp: 276523
Ion Ratio Lower Upper
106 100
91 199.3 142.0 263.6

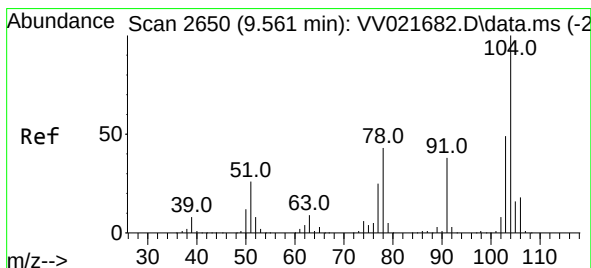
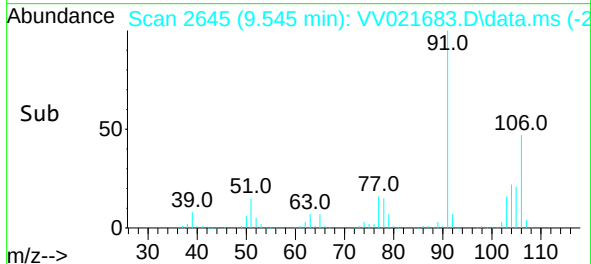
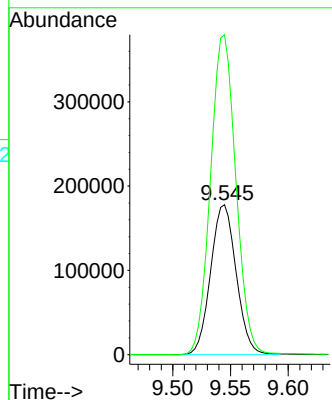
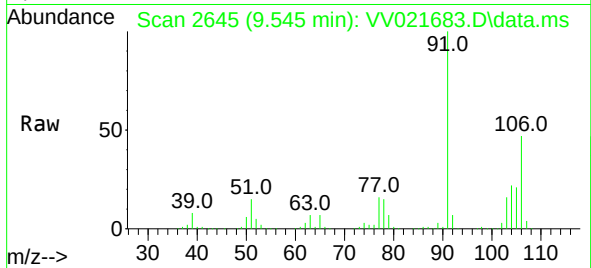




#54
o-Xylene
Concen: 51.159 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

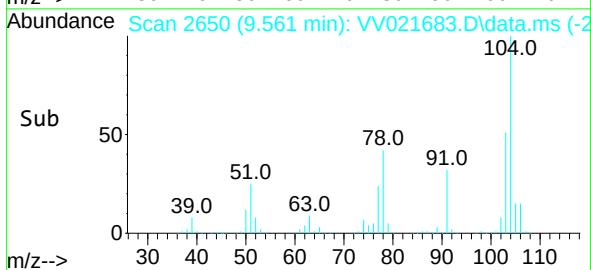
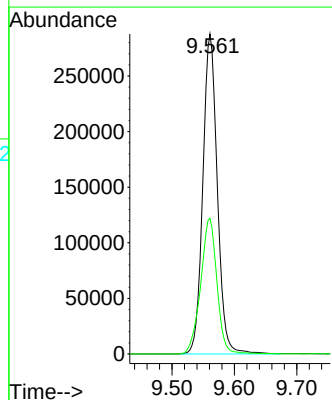
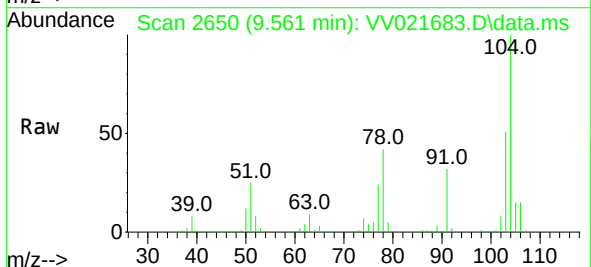
Instrument :
MSVOA_V
ClientSampled :
VICV231

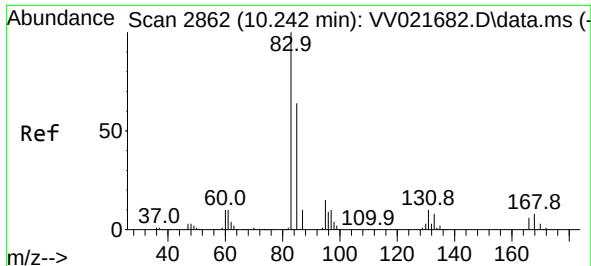
Tgt Ion:106 Resp: 273557
Ion Ratio Lower Upper
106 100
91 213.5 146.8 272.6



#55
Styrene
Concen: 51.660 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion:104 Resp: 465542
Ion Ratio Lower Upper
104 100
78 42.4 30.1 55.9

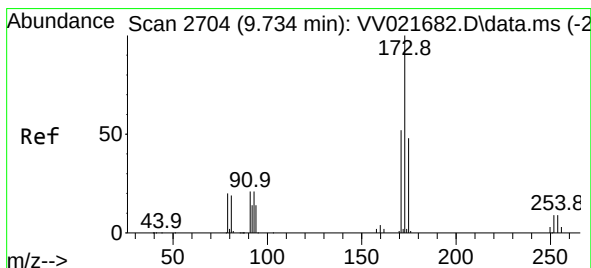
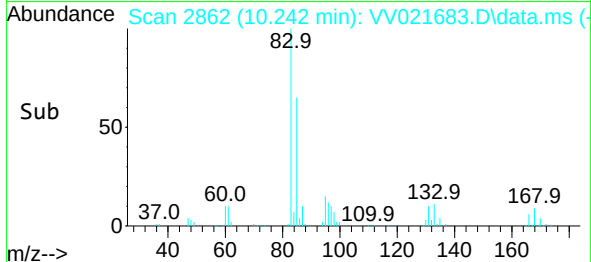
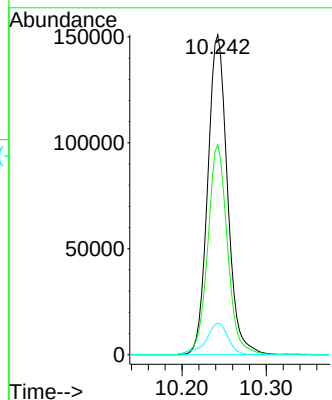
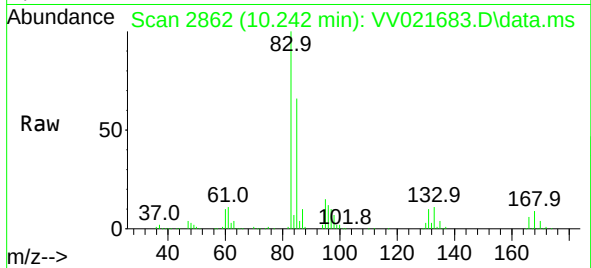




#57
1,1,2,2-Tetrachloroethane
Concen: 51.077 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

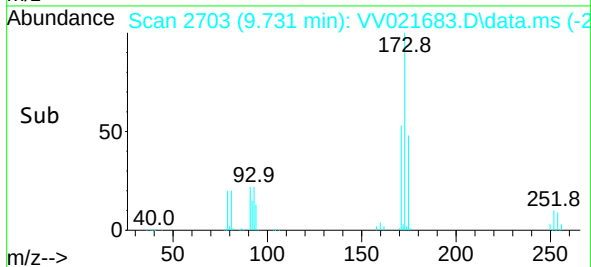
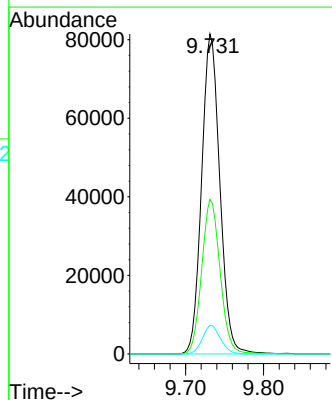
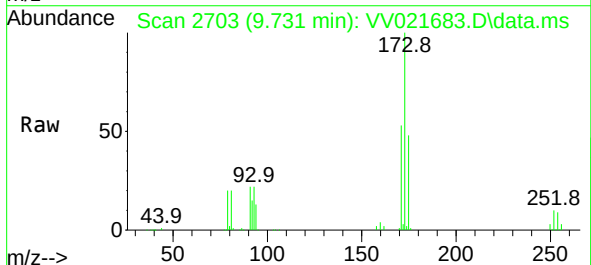
Instrument :
MSVOA_V
ClientSampleId :
VICV231

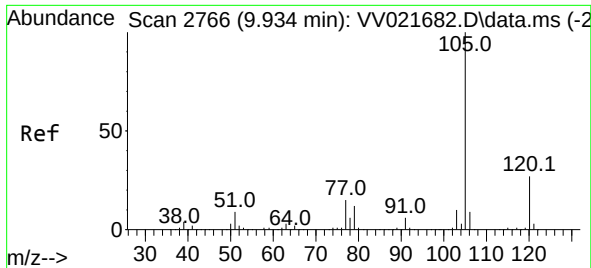
Tgt Ion: 83 Resp: 245530
Ion Ratio Lower Upper
83 100
85 65.5 45.3 84.1
131 9.8 8.2 12.2



#59
Bromoform
Concen: 48.976 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 173 Resp: 132266
Ion Ratio Lower Upper
173 100
175 48.7 38.3 57.5
254 8.8 7.0 10.4

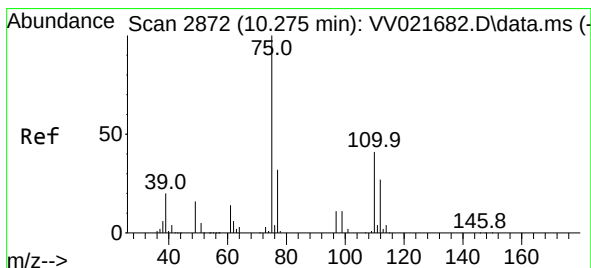
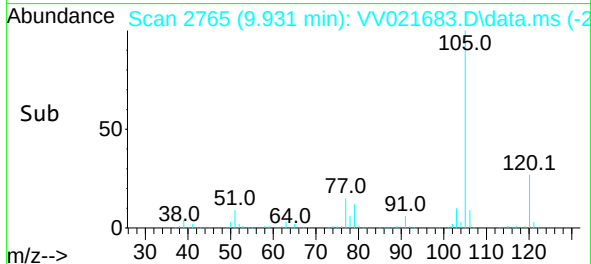
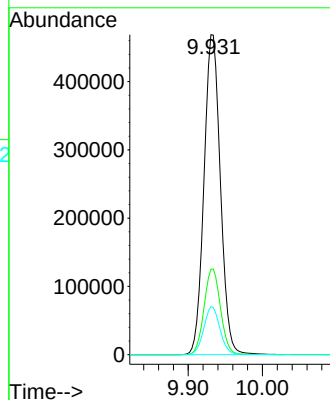
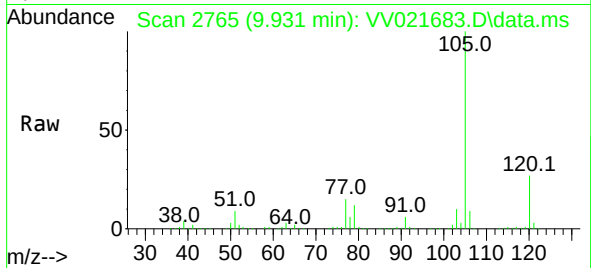




#60
Isopropylbenzene
Concen: 50.542 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

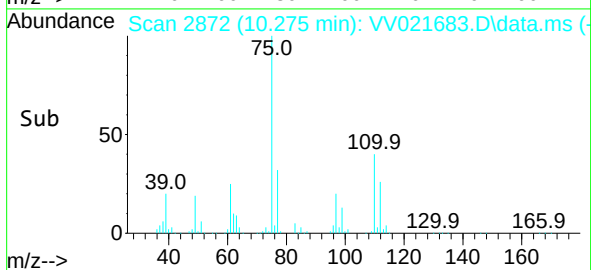
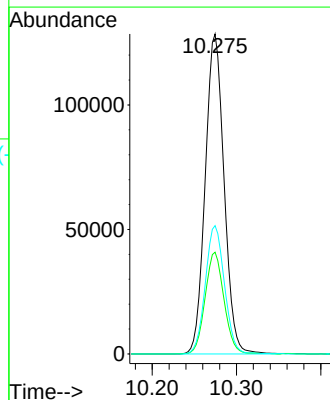
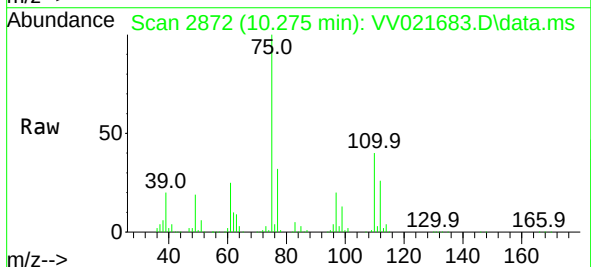
Instrument :
MSVOA_V
ClientSampleId :
VICV231

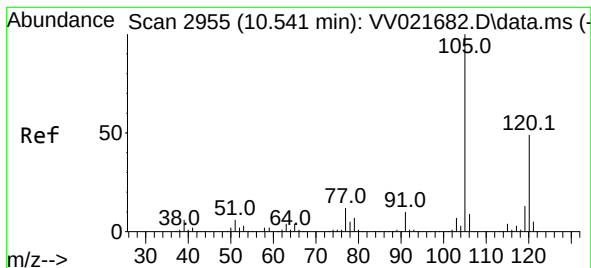
Tgt Ion:105 Resp: 718393
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 49.341 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 75 Resp: 200445
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 40.7 32.9 49.3

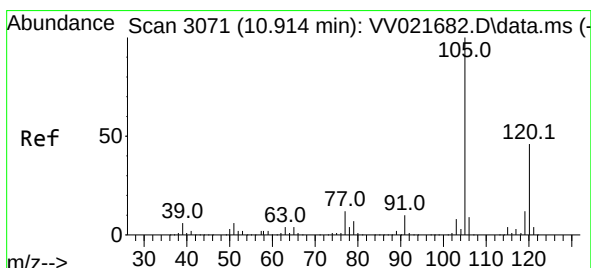
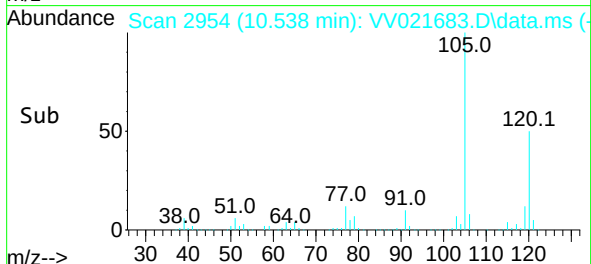
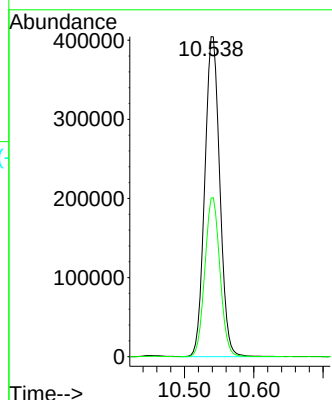
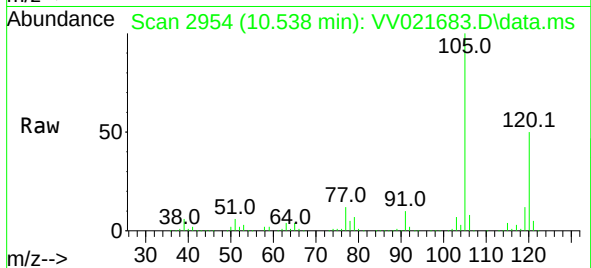




#62
1,3,5-Trimethylbenzene
Concen: 50.759 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

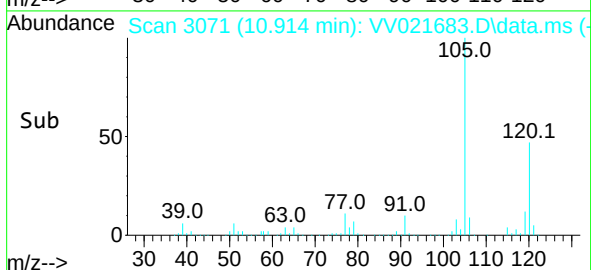
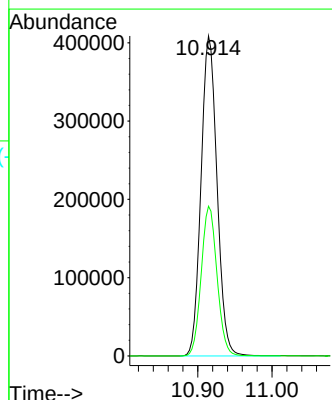
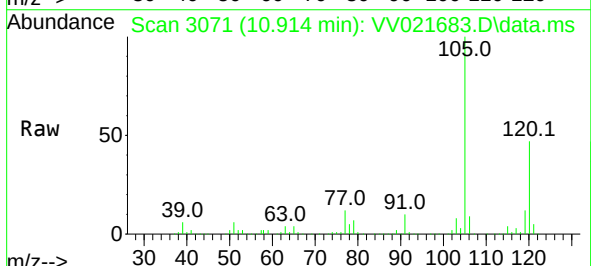
Instrument :
MSVOA_V
ClientSampleId :
VICV231

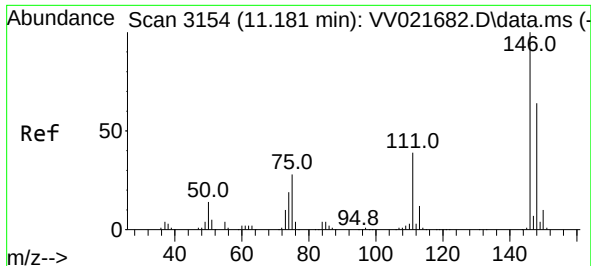
Tgt Ion:105 Resp: 608314
Ion Ratio Lower Upper
105 100
120 49.9 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 50.559 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion:105 Resp: 612078
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.4

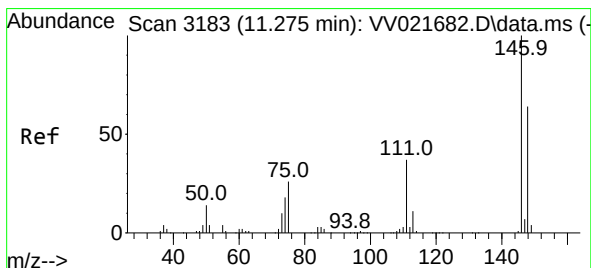
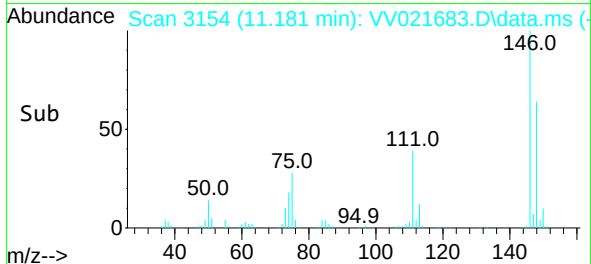
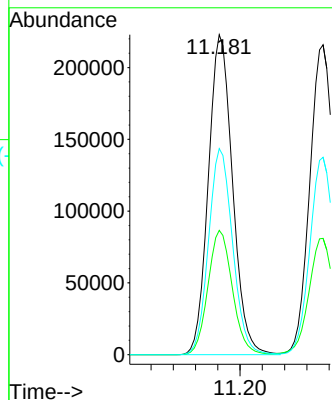
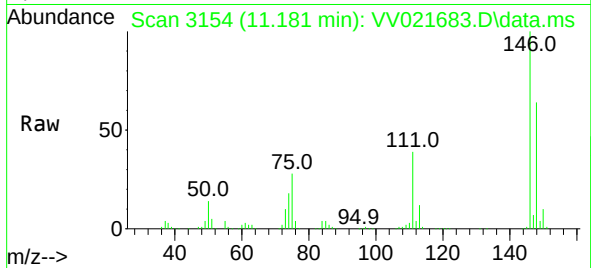




#64
1,3-Dichlorobenzene
Concen: 50.152 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

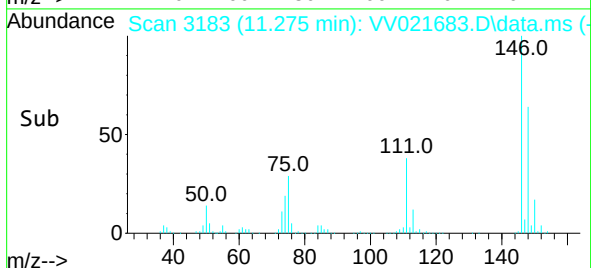
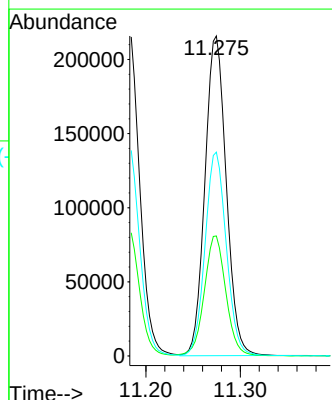
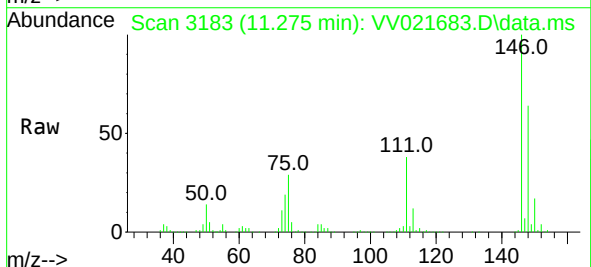
Instrument :
MSVOA_V
ClientSampled :
VICV231

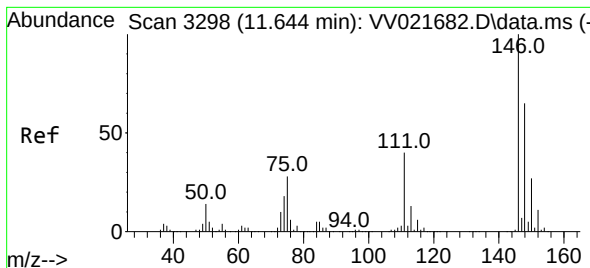
Tgt Ion:146 Resp: 336916
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.6
148 64.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 50.177 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion:146 Resp: 337411
Ion Ratio Lower Upper
146 100
111 37.5 26.1 48.5
148 63.7 44.8 83.2

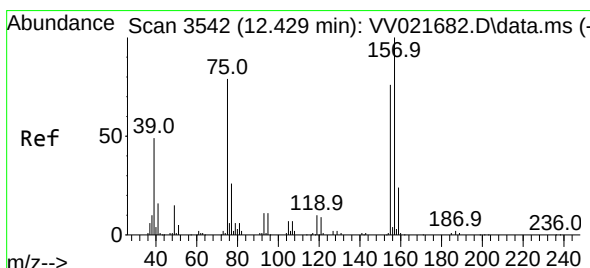
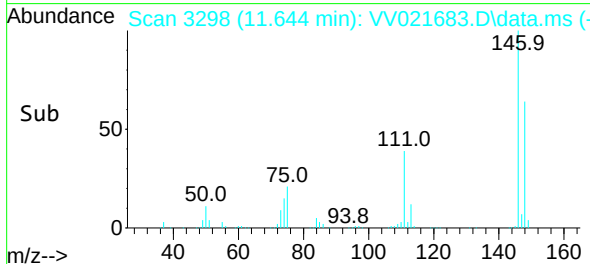
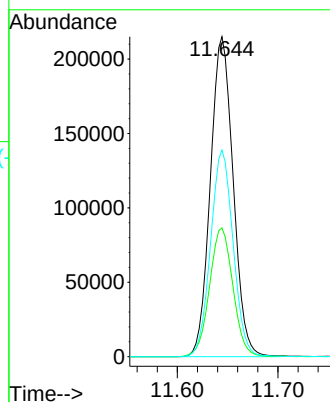
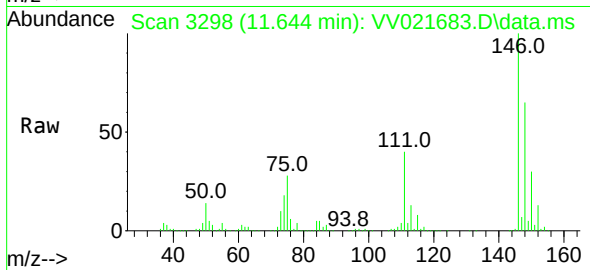




#67
1,2-Dichlorobenzene
Concen: 49.727 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

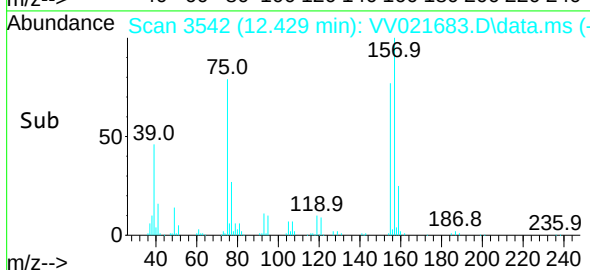
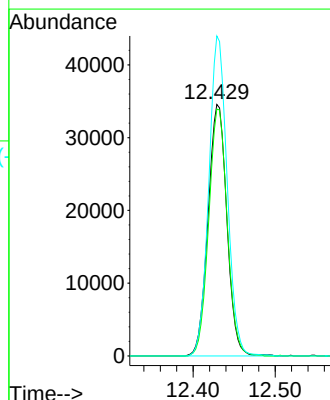
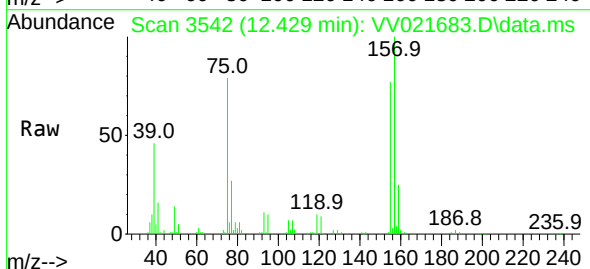
Instrument :
MSVOA_V
ClientSampleId :
VICV231

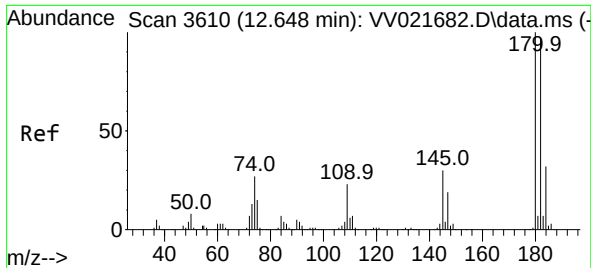
Tgt Ion:146 Resp: 339094
Ion Ratio Lower Upper
146 100
111 40.2 32.1 48.1
148 64.6 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 49.264 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion: 75 Resp: 55360
Ion Ratio Lower Upper
75 100
155 98.1 77.0 115.4
157 127.2 100.7 151.1

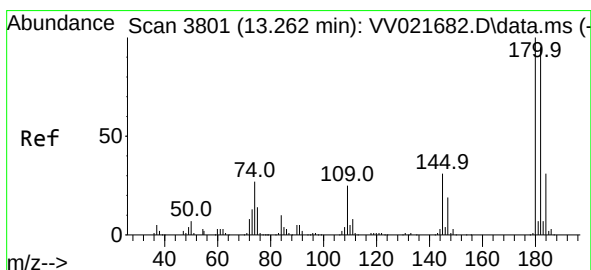
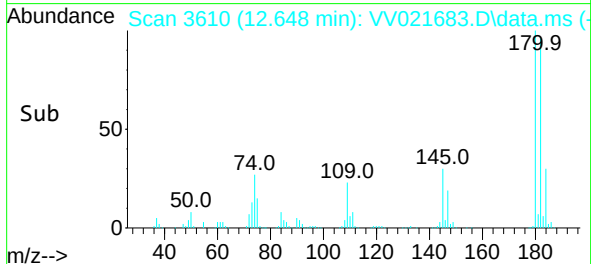
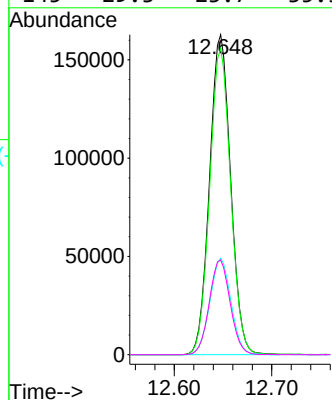
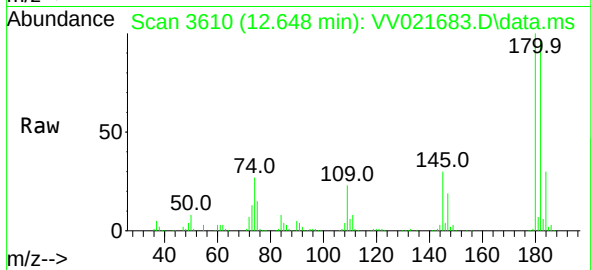




#69
1,3,5-Trichlorobenzene
Concen: 49.142 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

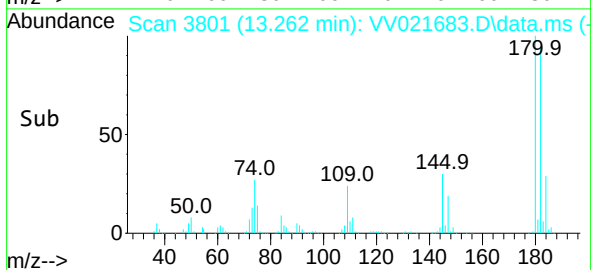
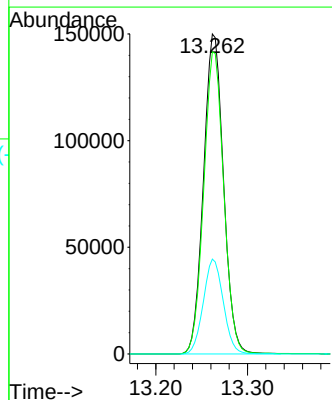
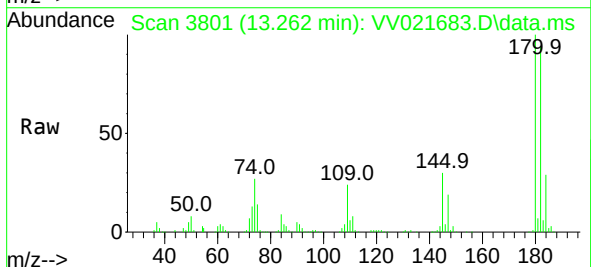
Instrument :
MSVOA_V
ClientSampleId :
VICV231

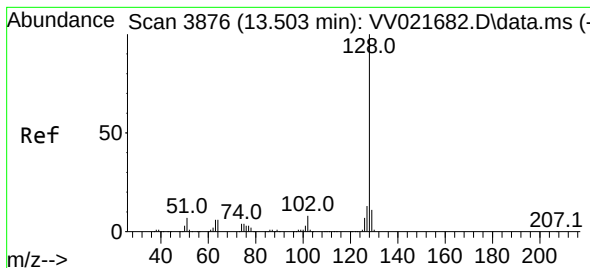
Tgt Ion:180 Resp: 244829
Ion Ratio Lower Upper
180 100
182 95.1 75.9 113.9
184 30.1 24.9 37.3
145 29.3 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 51.737 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion:180 Resp: 227403
Ion Ratio Lower Upper
180 100
182 94.4 76.7 115.1
145 29.5 24.5 36.7

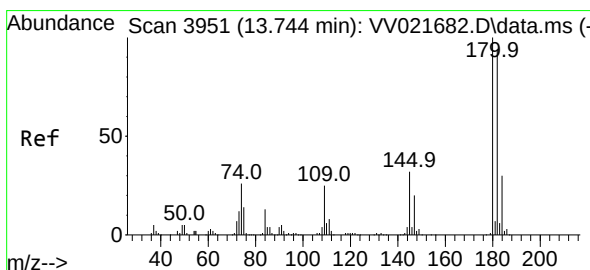
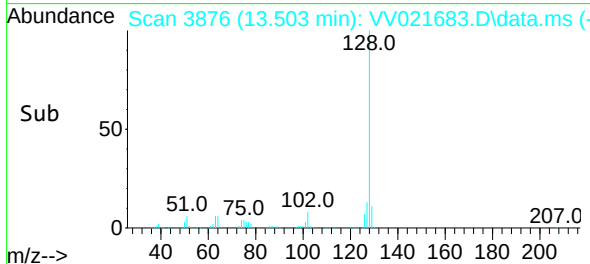
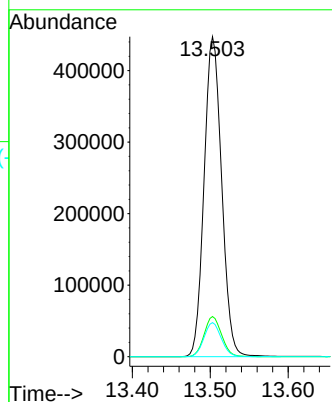
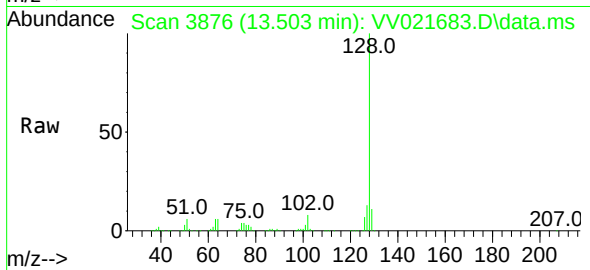




#71
Naphthalene
Concen: 51.466 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Instrument :
MSVOA_V
ClientSampleId :
VICV231

Tgt Ion:128 Resp: 699059
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.979 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021683.D
Acq: 19 Jul 2021 16:08

Tgt Ion:180 Resp: 228448
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.8
145 32.3 25.5 38.3

