

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063021\
 Data File : VW021586.D
 Acq On : 30 Jun 2021 13:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 01 01:51:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 01 01:50:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	436608	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	413959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	216363	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117136	42.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.800%
7) Chloroethane-d5	1.558	69	104935	46.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	2.105	63	221009	43.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.460%
21) 2-Butanone-d5	3.867	46	234715	99.488	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.490%
24) Chloroform-d	4.342	84	284013	49.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.300%
26) 1,2-Dichloroethane-d4	5.027	65	174861	51.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.720%
32) Benzene-d6	5.047	84	553029	47.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
36) 1,2-Dichloropropane-d6	6.066	67	180172	49.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.300%
41) Toluene-d8	7.313	98	503846	46.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
43) trans-1,3-Dichloroprop...	7.619	79	87067	47.745	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.480%
47) 2-Hexanone-d5	8.085	63	168702	99.209	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.210%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	250098	50.636	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.280%
66) 1,2-Dichlorobenzene-d4	11.625	152	208962	48.443	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151039	39.997	ug/L	99
3) Chloromethane	1.240	50	176618	48.581	ug/L	99
5) Vinyl chloride	1.310	62	158257	43.971	ug/L	99
6) Bromomethane	1.510	94	107127	51.076	ug/L	100
8) Chloroethane	1.577	64	98104	47.411	ug/L	100
9) Trichlorofluoromethane	1.748	101	199454	44.032	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	109544	42.215	ug/L	98
12) 1,1-Dichloroethene	2.114	96	110856	44.459	ug/L	97
13) Acetone	2.156	43	136178	69.820	ug/L #	100
14) Carbon disulfide	2.288	76	378219	43.023	ug/L	99
15) Methyl Acetate	2.423	43	177866	49.075	ug/L	99
16) Methylene chloride	2.503	84	165772	48.974	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	144572	47.525	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	507629	51.523	ug/L	99
19) 1,1-Dichloroethane	3.185	63	273724	49.398	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	167752	49.592	ug/L	99
22) 2-Butanone	3.950	43	241539	89.670	ug/L	99
23) Bromochloromethane	4.243	128	89675	50.225	ug/L	99
25) Chloroform	4.371	83	278424	49.285	ug/L	98

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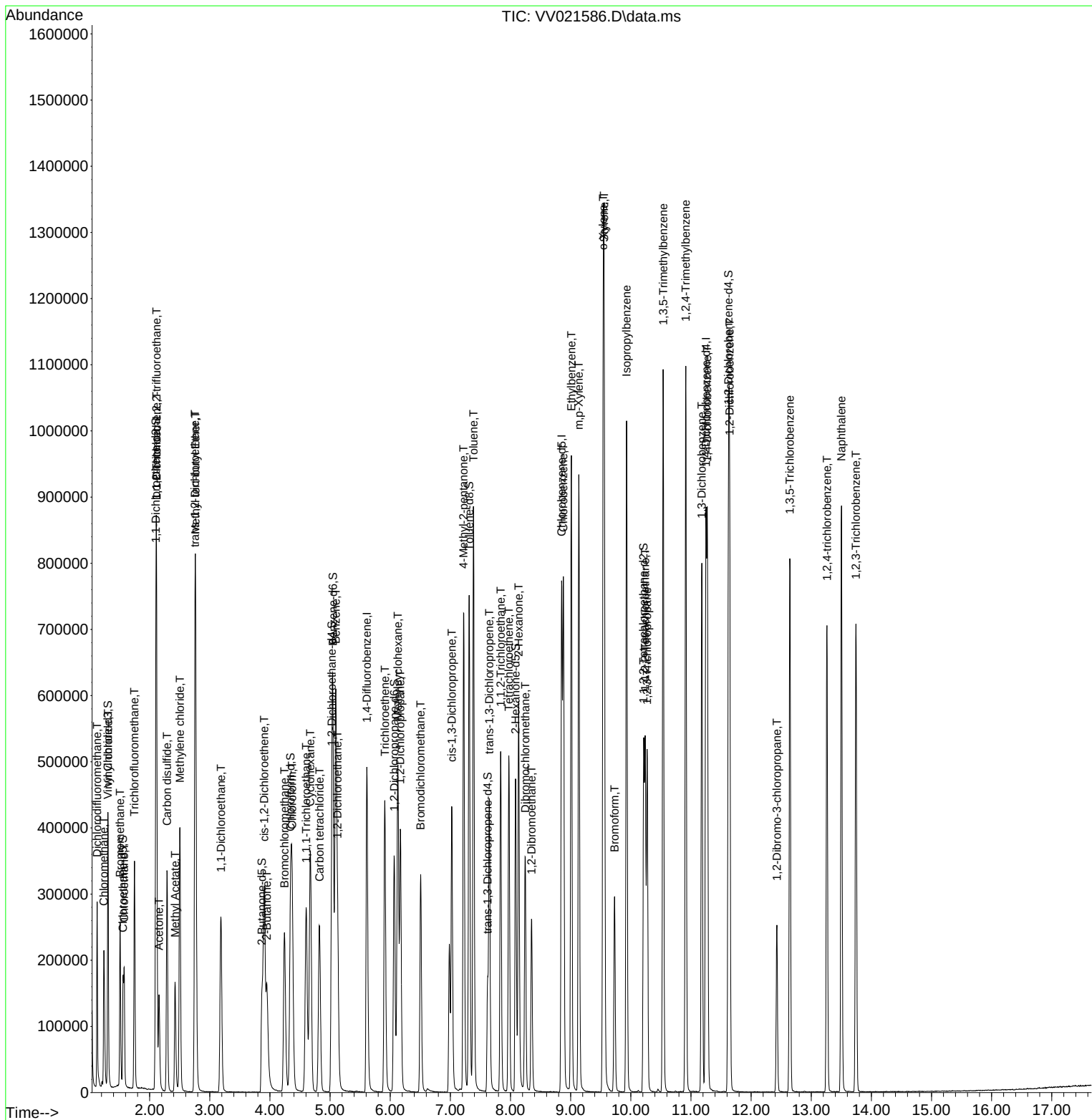
Instrument :
 MSVOA_V
 ClientSampleId :

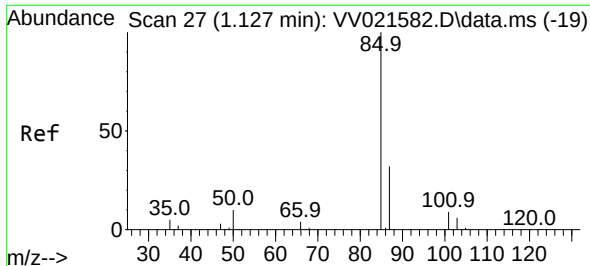
Quant Time: Jul 01 01:51:46 2021
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 Quant Title : VOC Analysis
 QLast Update : Thu Jul 01 01:50:41 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	212103	51.620	ug/L	100
29) Cyclohexane	4.670	56	212279	40.611	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	229203	44.041	ug/L	99
31) Carbon tetrachloride	4.825	117	194393	42.412	ug/L	99
33) Benzene	5.095	78	604720	48.001	ug/L	100
34) Trichloroethene	5.912	95	157485	46.246	ug/L	99
35) Methylcyclohexane	6.127	83	219410	40.583	ug/L	100
37) 1,2-Dichloropropane	6.169	63	160659	49.063	ug/L	100
38) Bromodichloromethane	6.506	83	218349	49.341	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	260033	48.155	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	468862	97.541	ug/L	100
42) Toluene	7.384	91	633618	46.956	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	249844	49.545	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	159094	49.456	ug/L	99
46) Tetrachloroethene	7.973	164	117144	43.252	ug/L	99
48) 2-Hexanone	8.136	43	355782	93.640	ug/L	98
49) Dibromochloromethane	8.246	129	184181	49.715	ug/L	98
50) 1,2-Dibromoethane	8.349	107	174136	49.371	ug/L	99
51) Chlorobenzene	8.879	112	414259	47.175	ug/L	99
52) Ethylbenzene	9.011	91	676977	46.179	ug/L	100
53) m,p-Xylene	9.136	106	263555	46.847	ug/L	99
54) o-Xylene	9.542	106	264962	47.208	ug/L	99
55) Styrene	9.558	104	463511	48.873	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	252881	50.429	ug/L	99
59) Bromoform	9.731	173	136153	48.960	ug/L	99
60) Isopropylbenzene	9.931	105	665106	45.069	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	203991	48.772	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	576919	45.870	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	594548	46.712	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	329573	47.492	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	332511	47.939	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	340300	48.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	59735	48.176	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	243525	46.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	214385	48.069	ug/L	98
71) Naphthalene	13.503	128	688569	50.693	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	218839	49.679	ug/L	100

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

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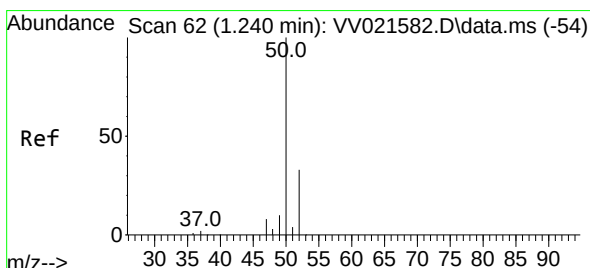
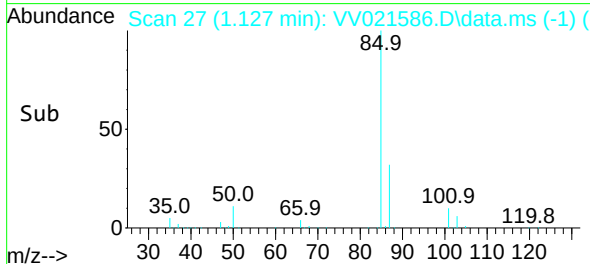
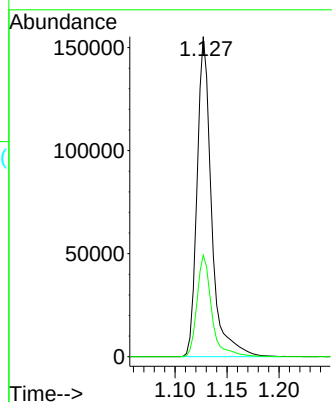
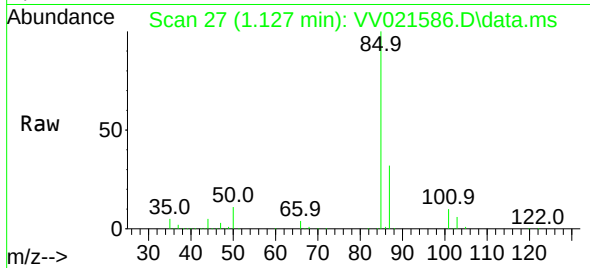




#2
 Dichlorodifluoromethane
 Concen: 39.997 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021586.D
 Acq: 30 Jun 2021 13:02

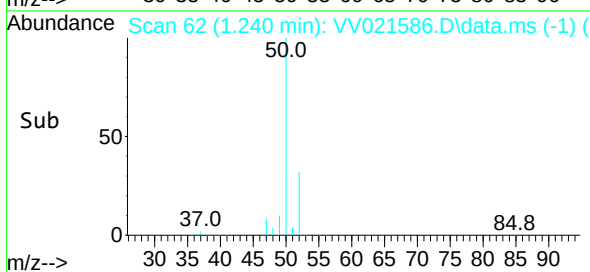
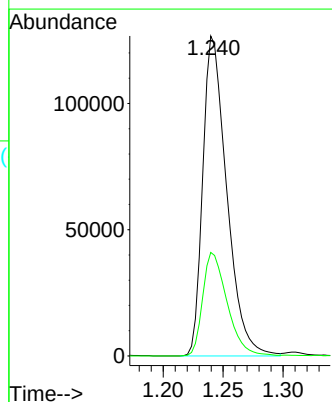
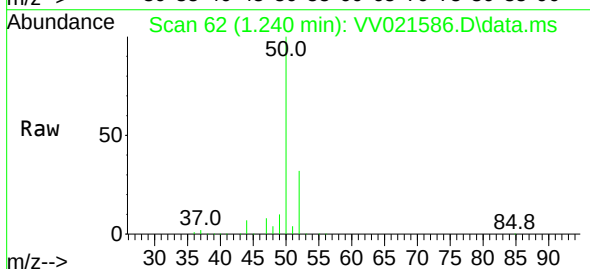
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 MSVOA_V
 ClientSampled :

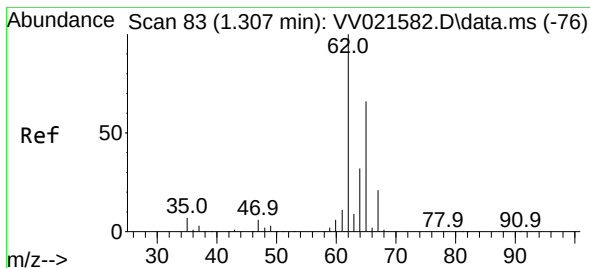
Tgt Ion: 85 Resp: 151039
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



#3
 Chloromethane
 Concen: 48.581 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021586.D
 Acq: 30 Jun 2021 13:02

Tgt Ion: 50 Resp: 176618
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.3 41.5

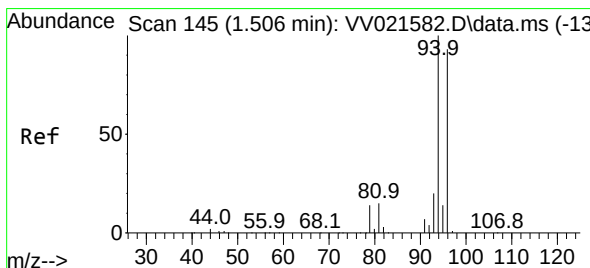
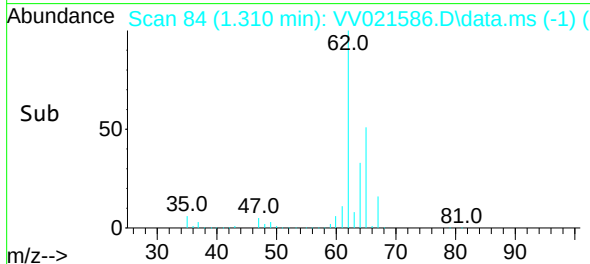
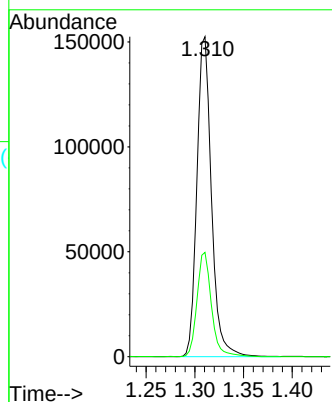
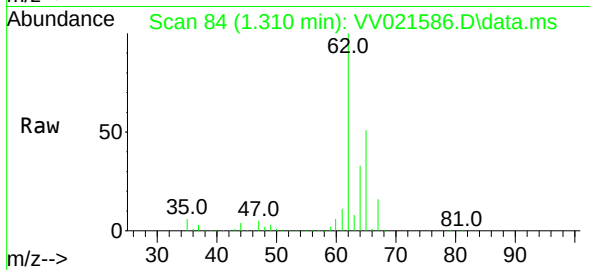




#5
 Vinyl chloride
 Concen: 43.971 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021586.D
 Acq: 30 Jun 2021 13:02

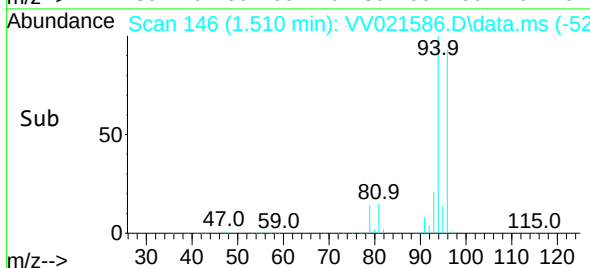
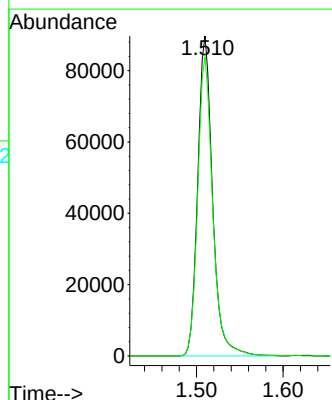
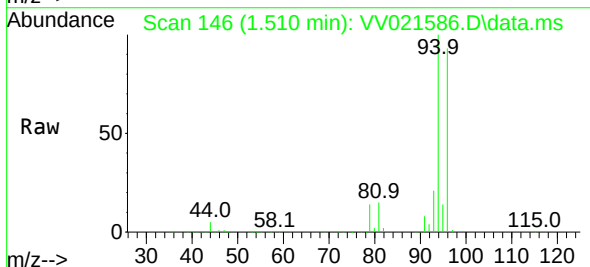
Instrument :
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 ClientSampled :

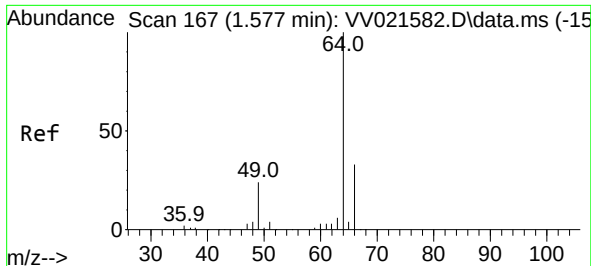
Tgt Ion: 62 Resp: 158257
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.3 43.3



#6
 Bromomethane
 Concen: 51.076 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VV021586.D
 Acq: 30 Jun 2021 13:02

Tgt Ion: 94 Resp: 107127
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.5 121.7

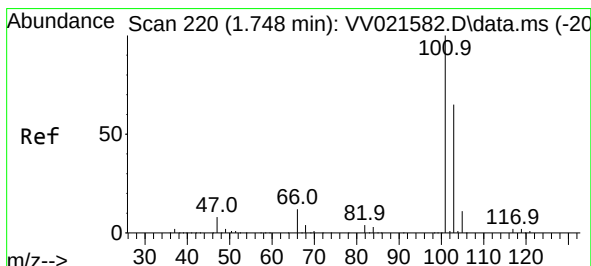
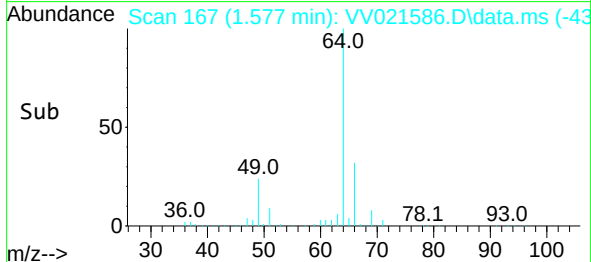
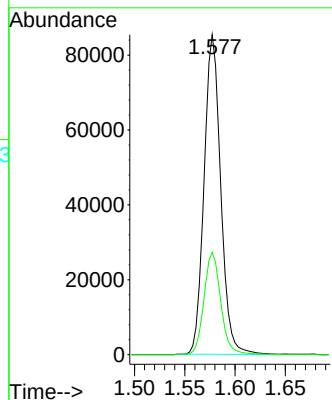
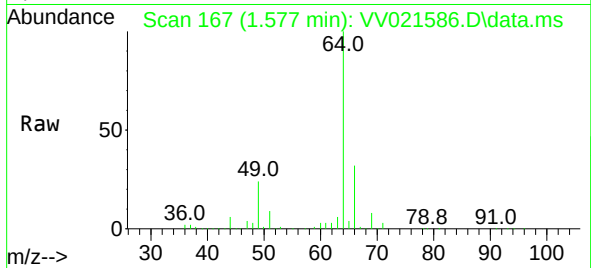




#8
Chloroethane
Concen: 47.411 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

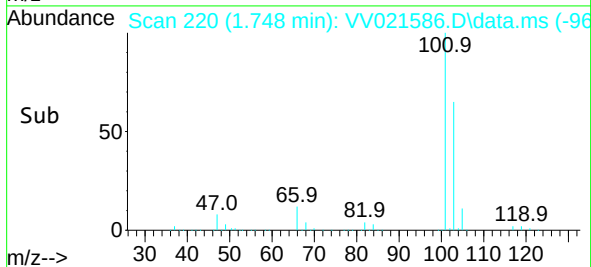
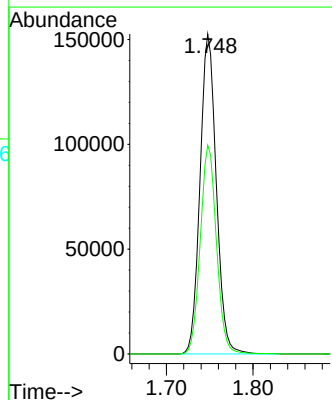
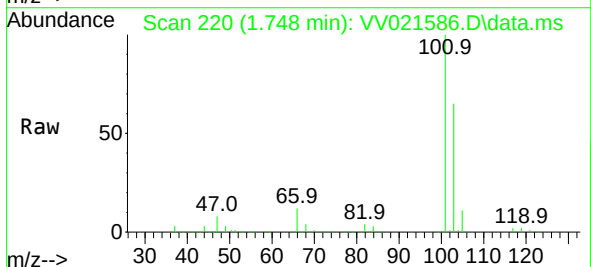
Instrument :
MSVOA_V
ClientSampled :

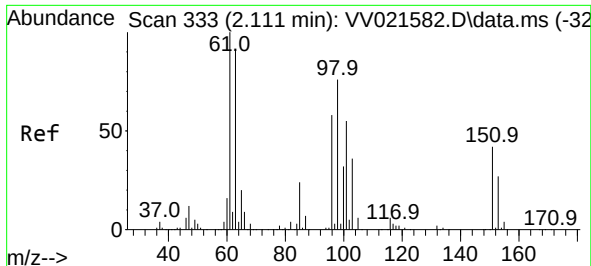
Tgt Ion: 64 Resp: 98104
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 44.032 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion:101 Resp: 199454
Ion Ratio Lower Upper
101 100
103 64.8 52.4 78.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 42.215 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

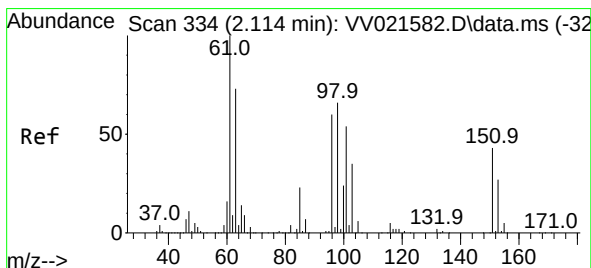
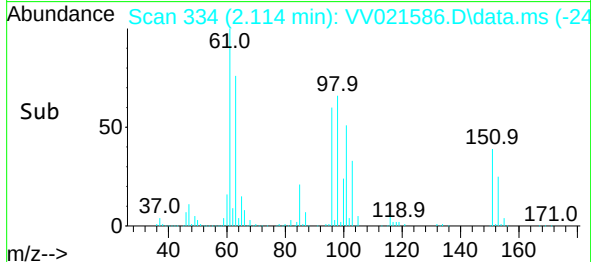
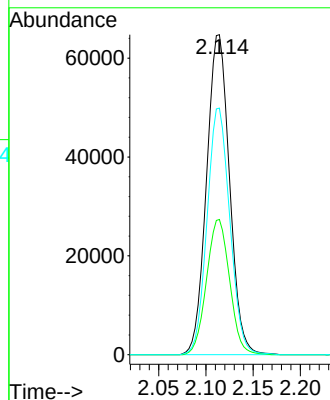
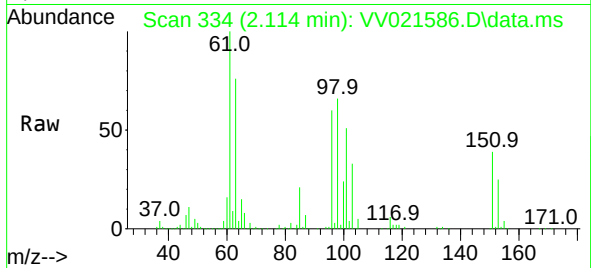
Tgt Ion:101 Resp: 109544

Ion Ratio Lower Upper

101 100

85 42.4 33.3 49.9

151 76.5 62.8 94.2



#12

1,1-Dichloroethene

Concen: 44.459 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

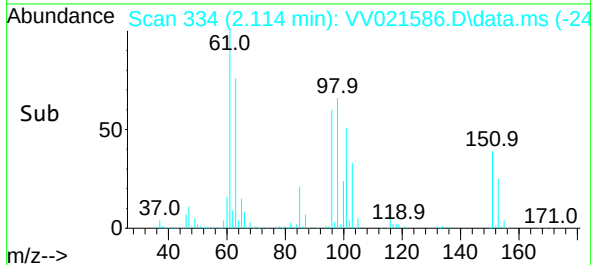
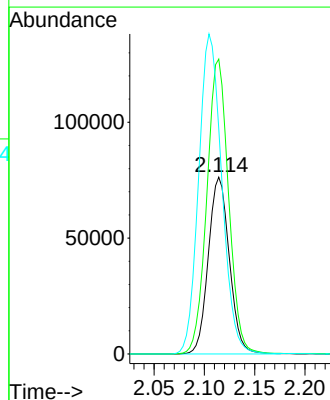
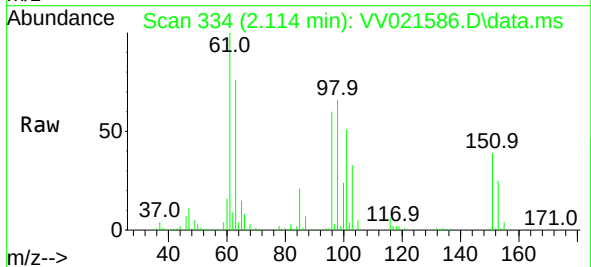
Tgt Ion: 96 Resp: 110856

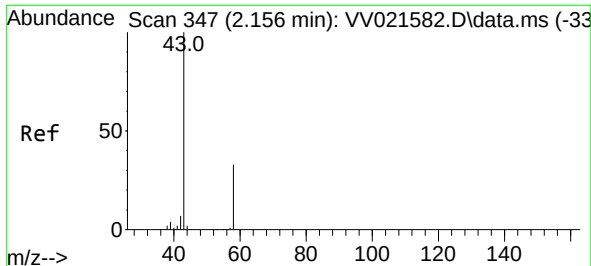
Ion Ratio Lower Upper

96 100

61 166.9 112.9 209.7

63 127.5 90.8 168.6

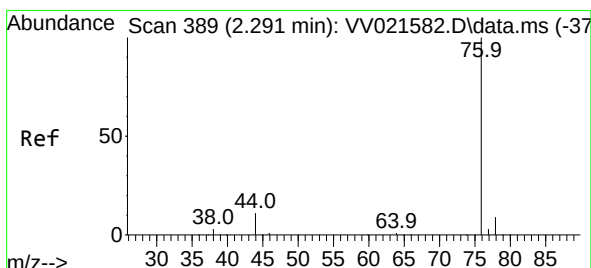
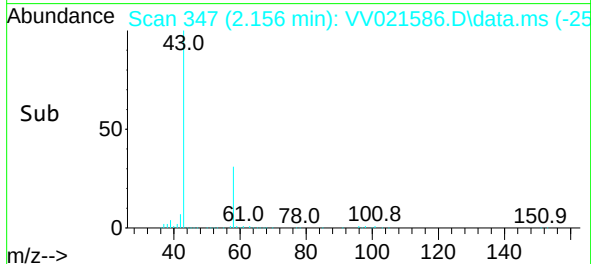
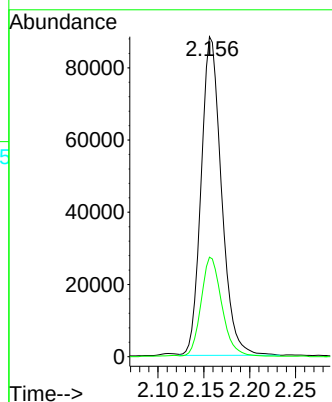
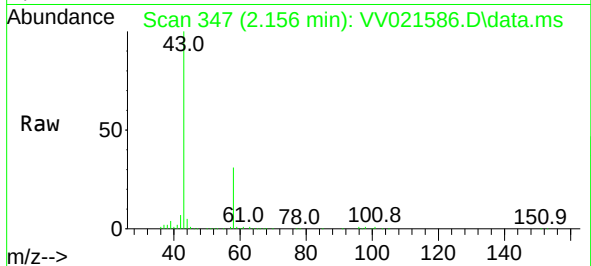




#13
Acetone
Concen: 69.820 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

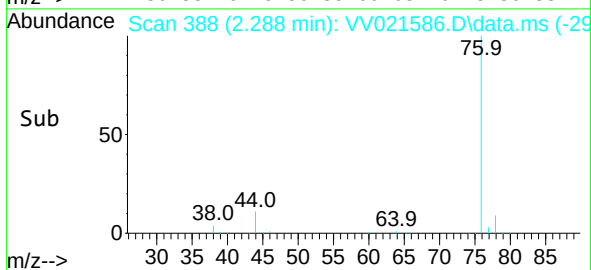
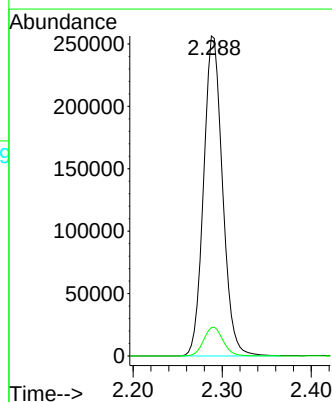
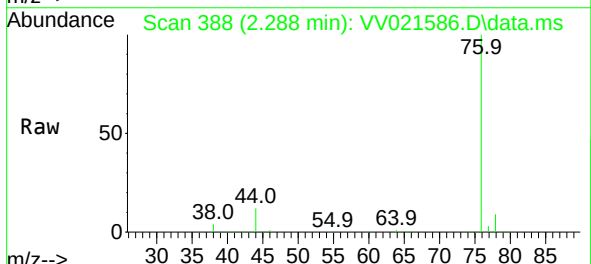
Instrument :
MSVOA_V
ClientSampled :

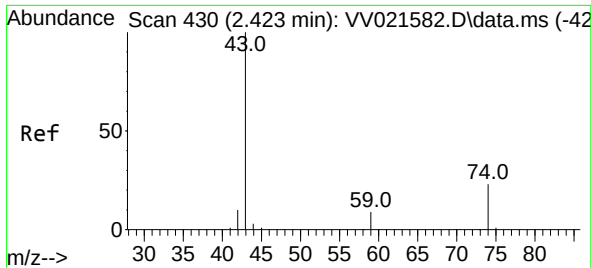
Tgt Ion: 43 Resp: 136178
Ion Ratio Lower Upper
43 100
58 31.6 0.0 0.0#



#14
Carbon disulfide
Concen: 43.023 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 76 Resp: 378219
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

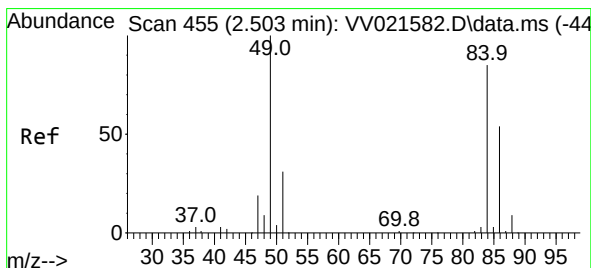
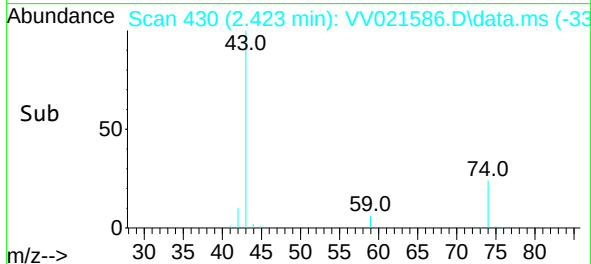
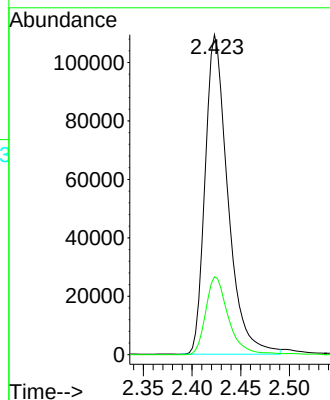
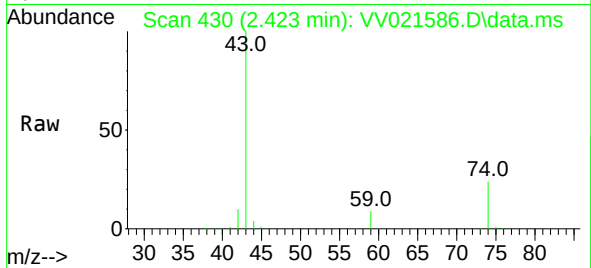




#15
Methyl Acetate
Concen: 49.075 ug/L
RT: 2.423 min Scan# 430
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

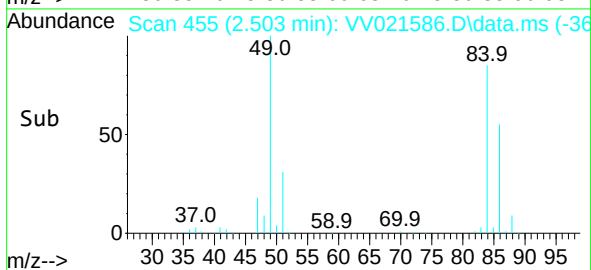
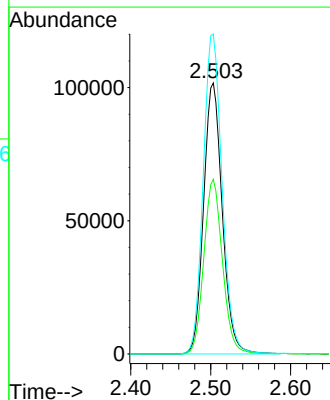
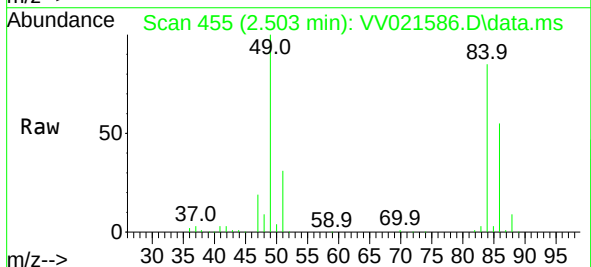
Instrument :
MSVOA_V
ClientSampled :

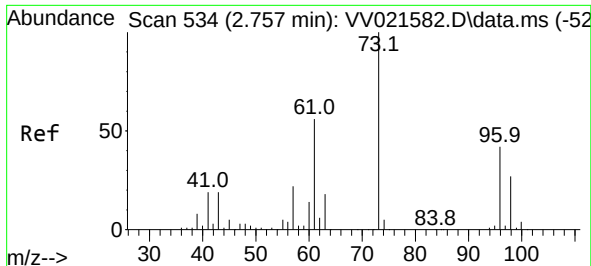
Tgt Ion: 43 Resp: 177866
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.6



#16
Methylene chloride
Concen: 48.974 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 84 Resp: 165772
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.9
49 118.1 82.5 153.3

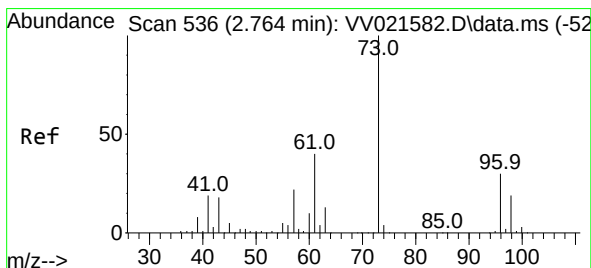
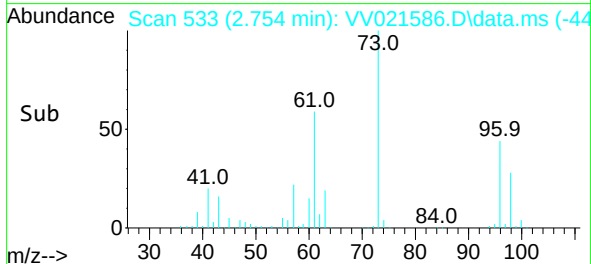
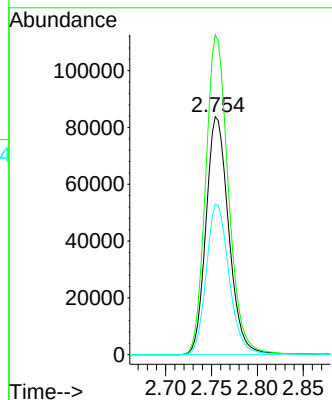
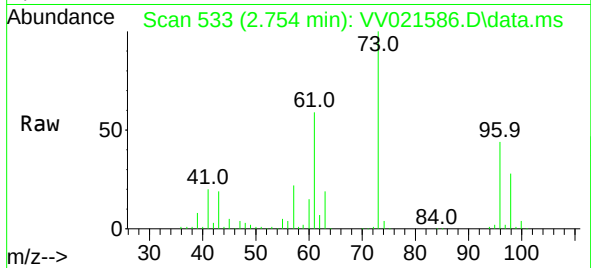




#17
trans-1,2-Dichloroethene
Concen: 47.525 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

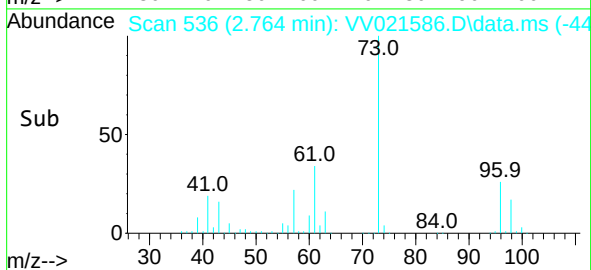
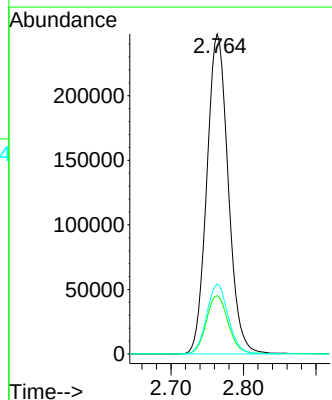
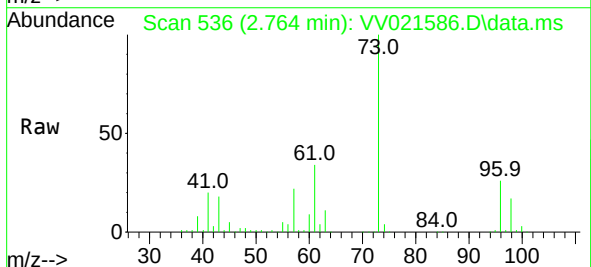
Instrument :
MSVOA_V
ClientSampleId :

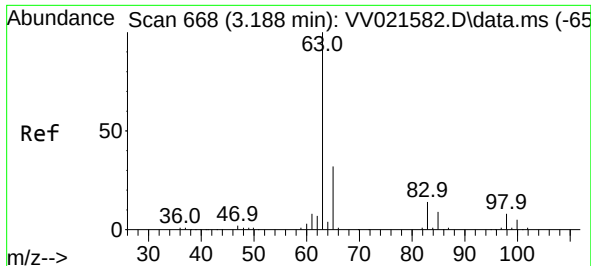
Tgt Ion: 96 Resp: 144572
Ion Ratio Lower Upper
96 100
61 134.5 93.0 172.6
98 63.1 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 51.523 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 73 Resp: 507629
Ion Ratio Lower Upper
73 100
43 18.5 14.6 22.0
57 22.2 17.4 26.2





#19

1,1-Dichloroethane

Concen: 49.398 ug/L

RT: 3.185 min Scan# 667

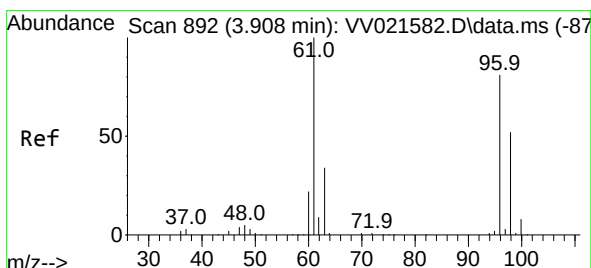
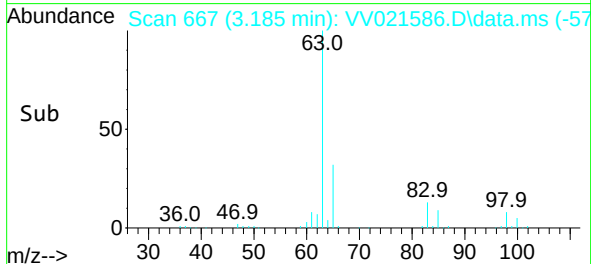
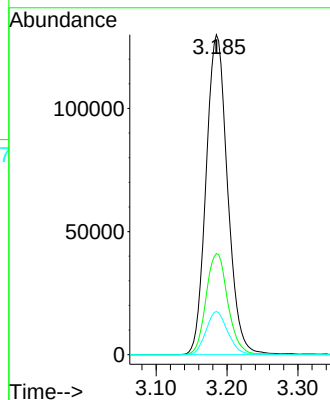
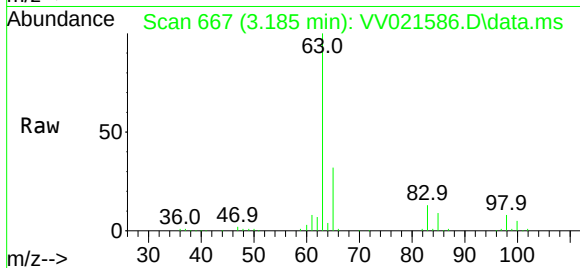
Delta R.T. -0.003 min

Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Tgt Ion: 63 Resp: 273724

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.4	41.6
83	13.5	9.4	17.6



#20

cis-1,2-Dichloroethene

Concen: 49.592 ug/L

RT: 3.905 min Scan# 891

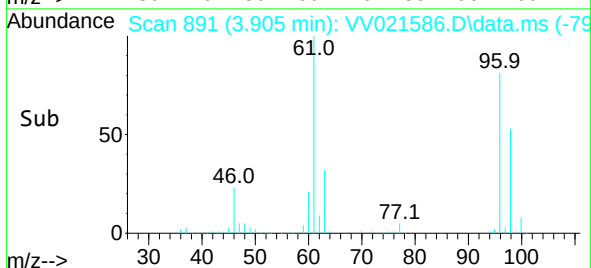
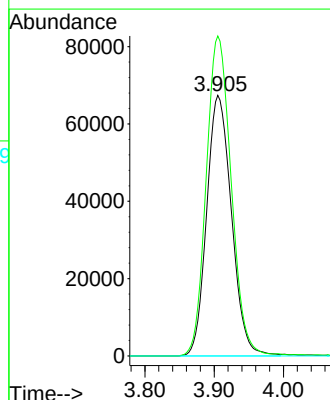
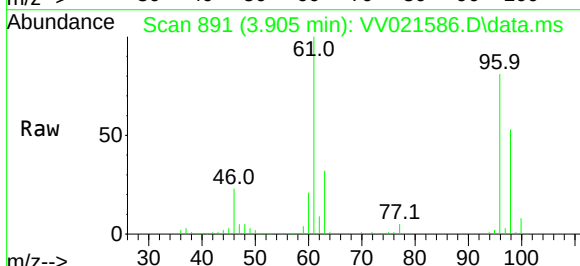
Delta R.T. -0.003 min

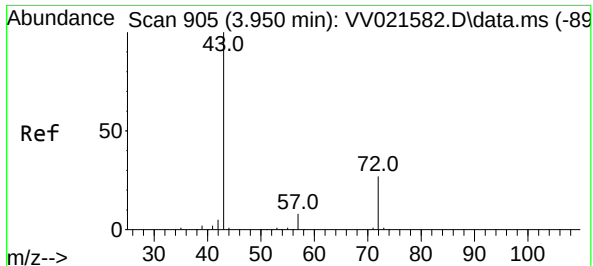
Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Tgt Ion: 96 Resp: 167752

Ion	Ratio	Lower	Upper
96	100		
61	122.8	86.9	161.3
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 89.670 ug/L

RT: 3.950 min Scan# 905

Delta R.T. 0.000 min

Lab File: VV021586.D

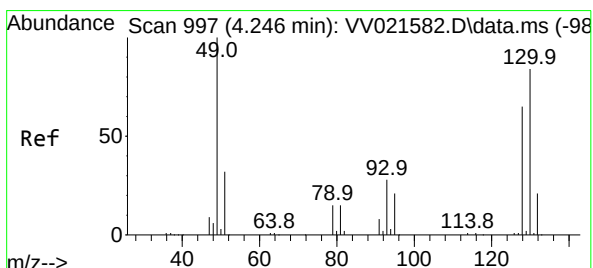
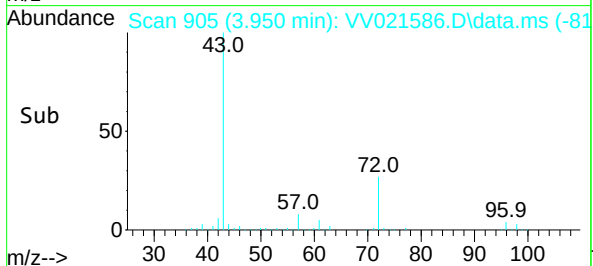
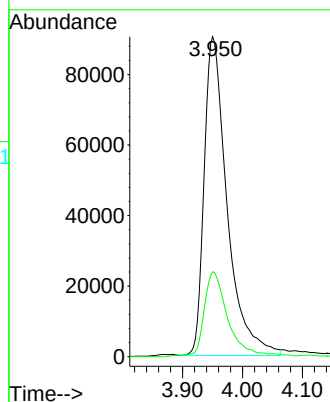
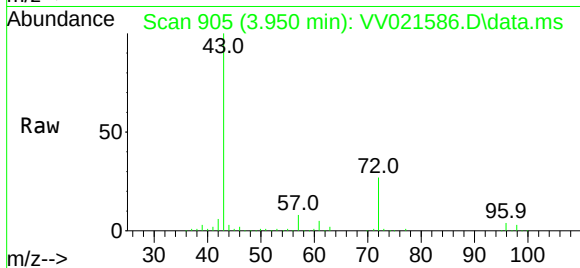
Acq: 30 Jun 2021 13:02

Tgt Ion: 43 Resp: 241539

Ion Ratio Lower Upper

43 100

72 27.1 13.3 39.8



#23

Bromochloromethane

Concen: 50.225 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.003 min

Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Tgt Ion: 128 Resp: 89675

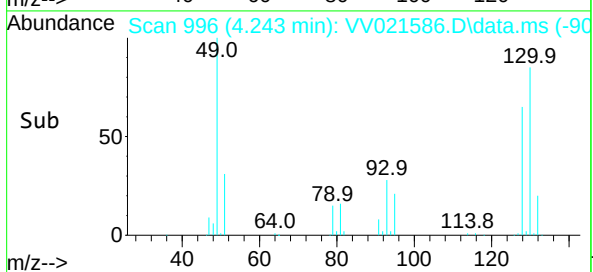
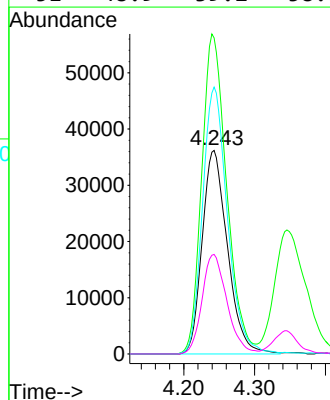
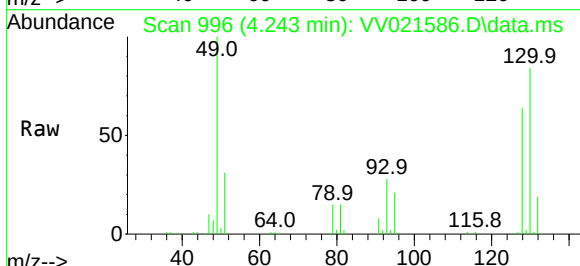
Ion Ratio Lower Upper

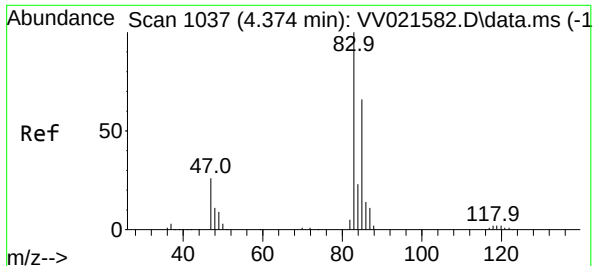
128 100

49 155.2 107.5 199.7

130 131.1 92.2 171.2

51 48.9 39.2 58.8





#25

Chloroform

Concen: 49.285 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021586.D

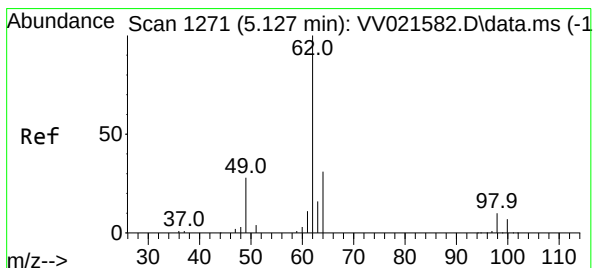
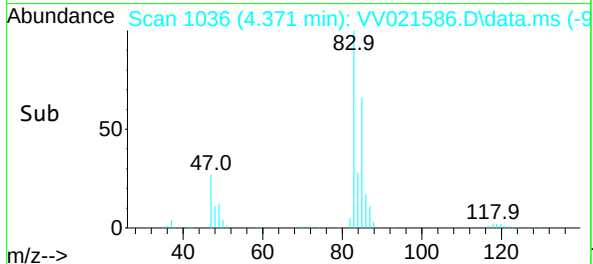
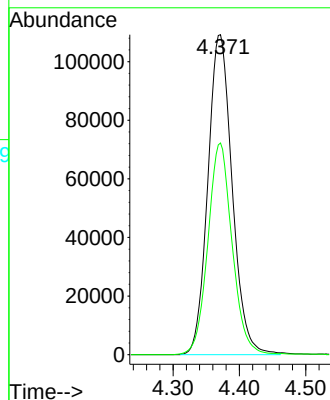
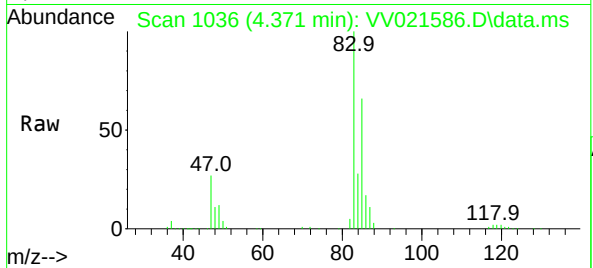
Acq: 30 Jun 2021 13:02

Tgt Ion: 83 Resp: 278424

Ion Ratio Lower Upper

83 100

85 66.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.620 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV021586.D

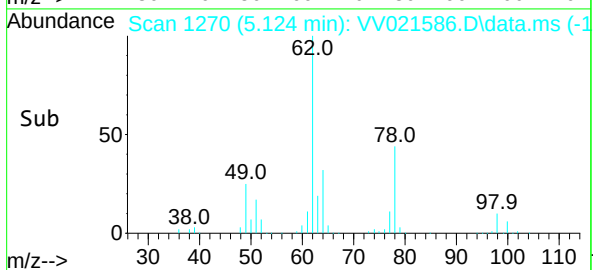
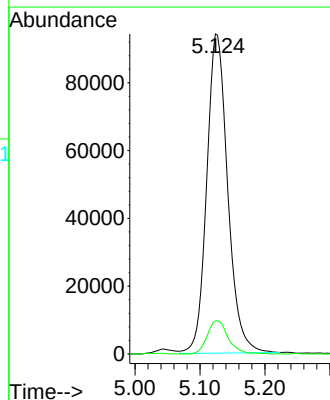
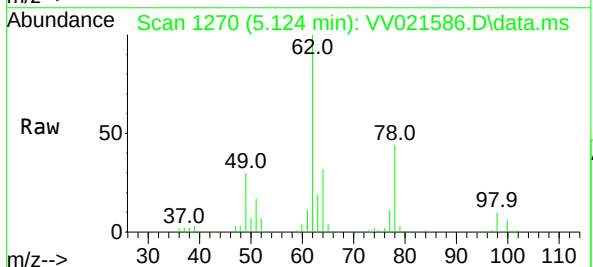
Acq: 30 Jun 2021 13:02

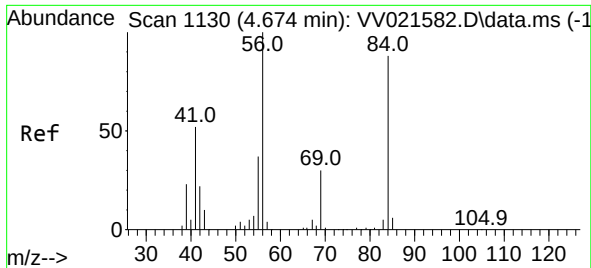
Tgt Ion: 62 Resp: 212103

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 40.611 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

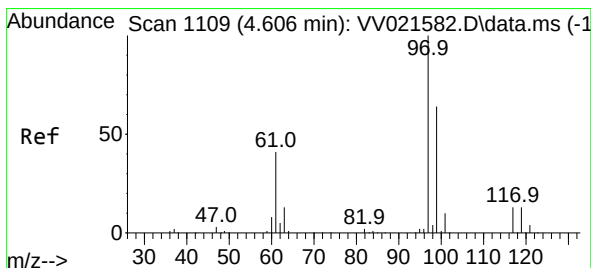
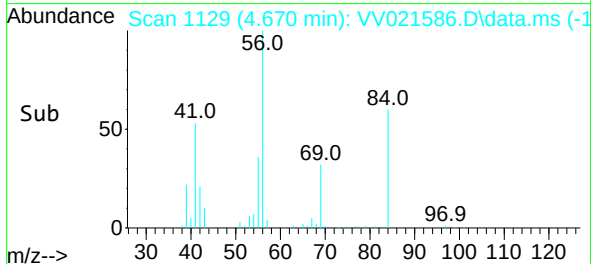
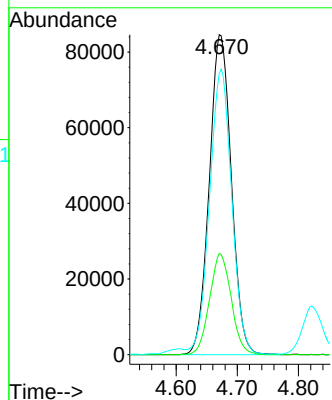
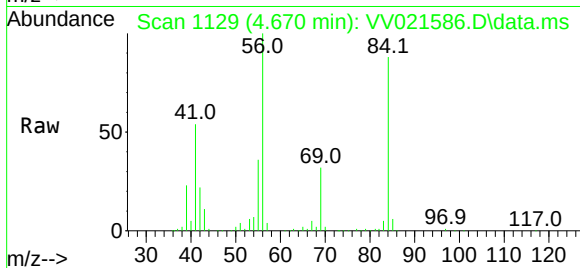
Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Tgt Ion: 56 Resp: 212279

Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.9	37.3
84	89.3	71.6	107.4

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 44.041 ug/L

RT: 4.603 min Scan# 1108

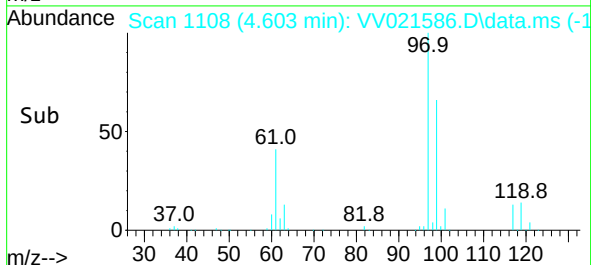
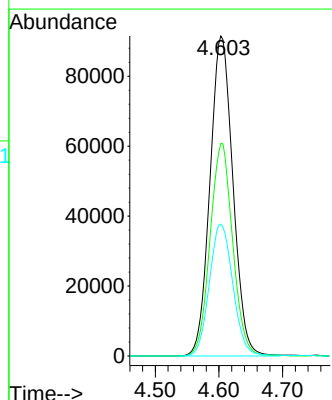
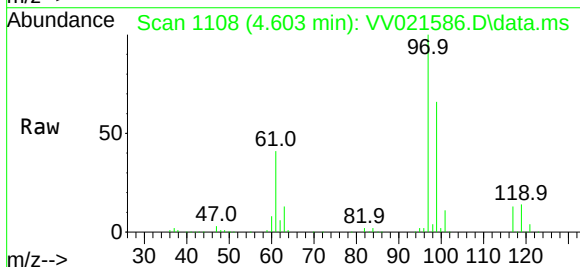
Delta R.T. -0.003 min

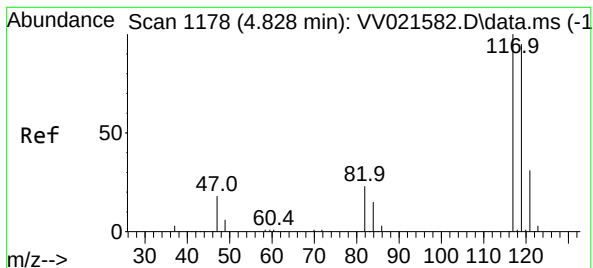
Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Tgt Ion: 97 Resp: 229203

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.1	78.1
61	42.2	32.6	49.0

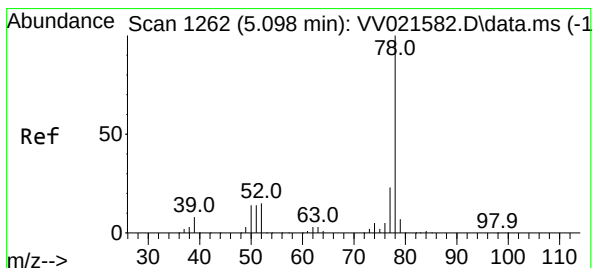
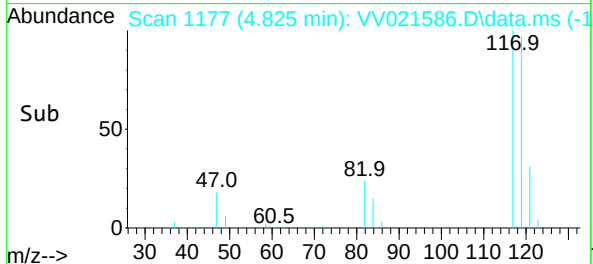
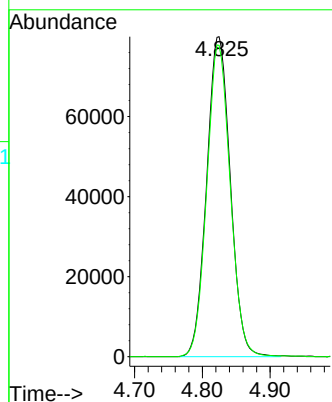
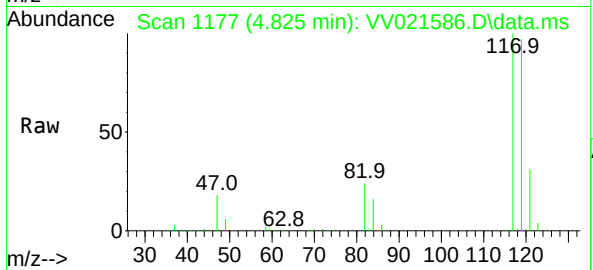




#31
Carbon tetrachloride
Concen: 42.412 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

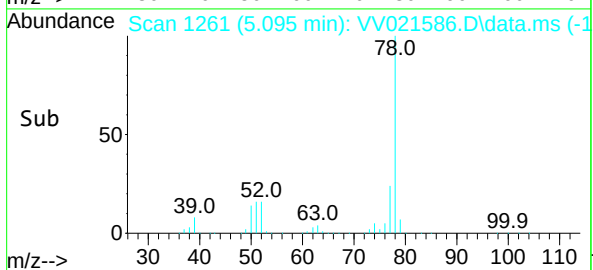
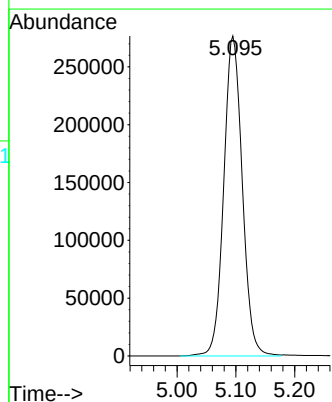
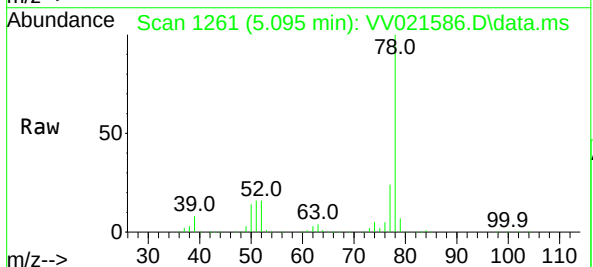
Instrument :
MSVOA_V
ClientSampled :

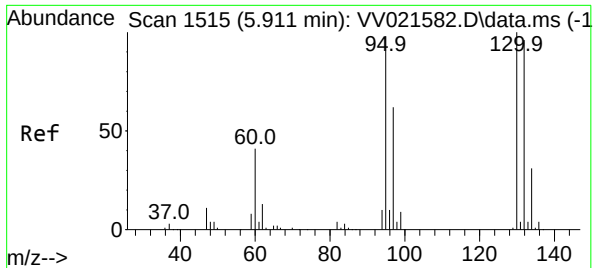
Tgt Ion:117 Resp: 194393
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7



#33
Benzene
Concen: 48.001 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 78 Resp: 604720

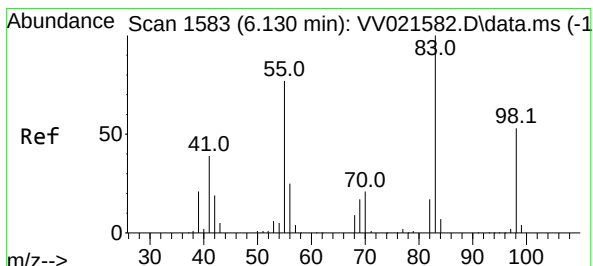
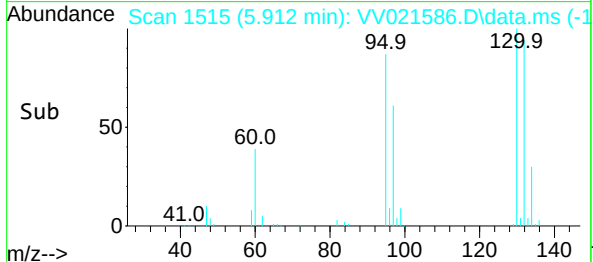
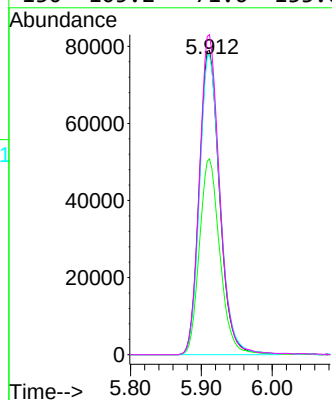
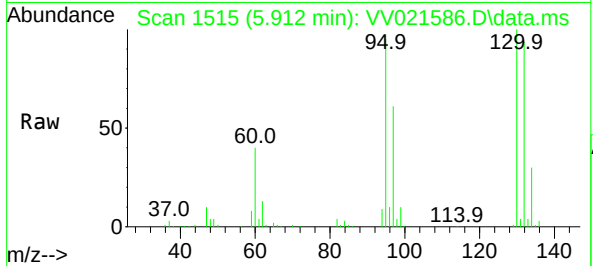




#34
Trichloroethene
Concen: 46.246 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

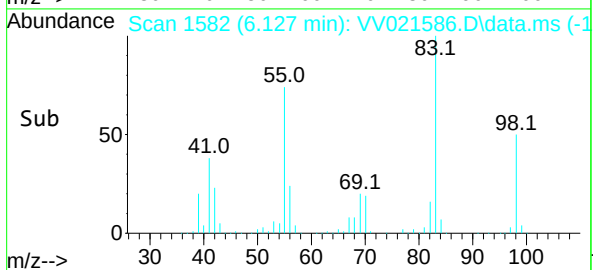
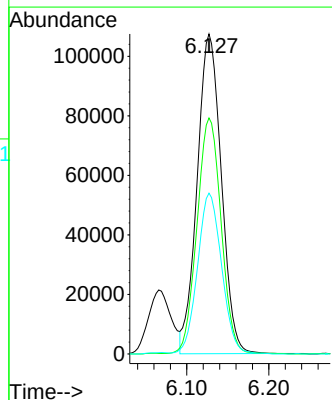
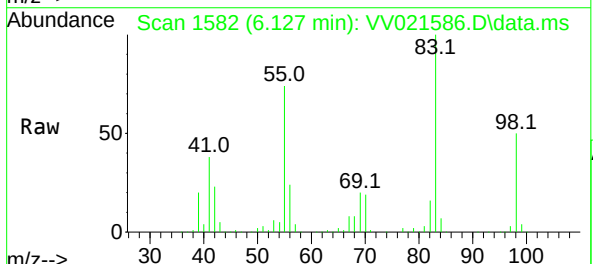
Instrument :
MSVOA_V
ClientSampled :

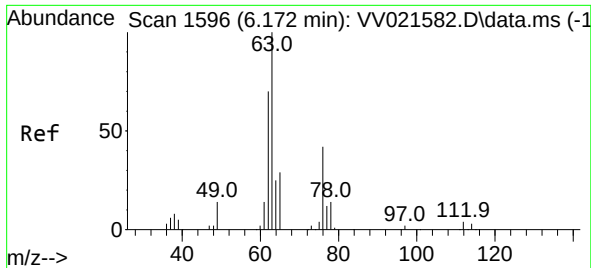
Tgt Ion: 95 Resp: 157485
Ion Ratio Lower Upper
95 100
97 64.4 44.6 82.8
132 98.7 69.0 128.1
130 105.2 71.6 133.0



#35
Methylcyclohexane
Concen: 40.583 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 83 Resp: 219410
Ion Ratio Lower Upper
83 100
55 73.6 58.7 88.1
98 49.8 39.7 59.5





#37

1,2-Dichloropropane

Concen: 49.063 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. -0.003 min

Lab File: VV021586.D

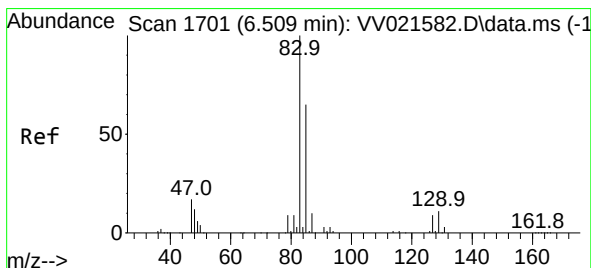
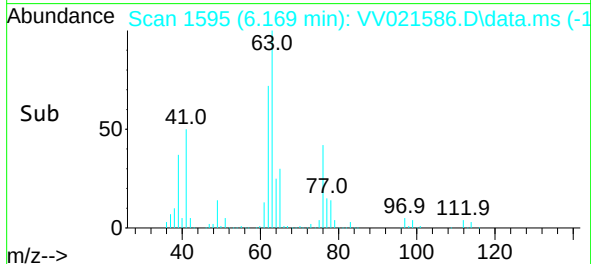
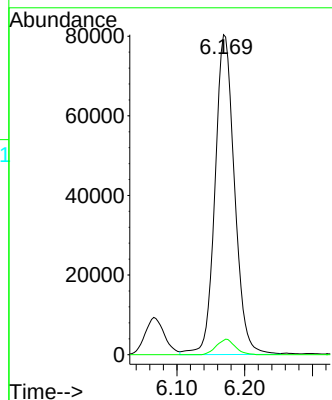
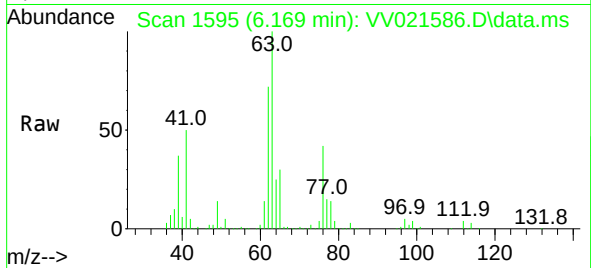
Acq: 30 Jun 2021 13:02

Tgt Ion: 63 Resp: 160659

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 49.341 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

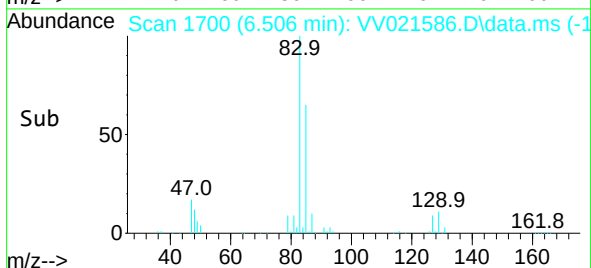
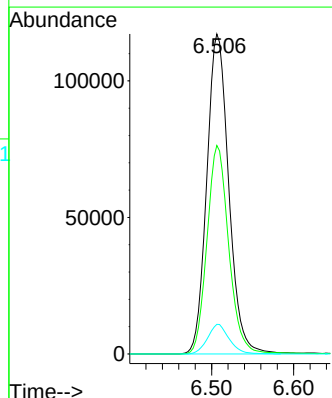
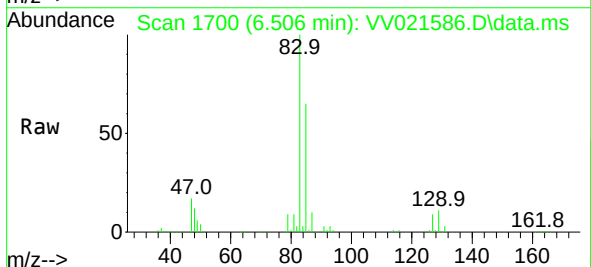
Tgt Ion: 83 Resp: 218349

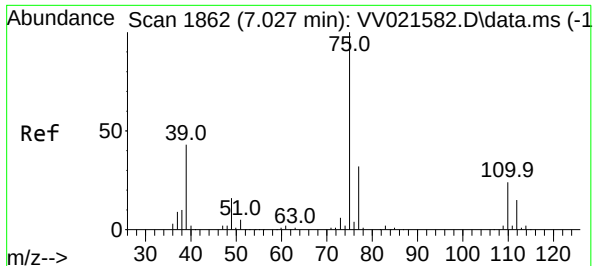
Ion Ratio Lower Upper

83 100

85 65.2 46.3 86.1

127 9.2 7.3 10.9



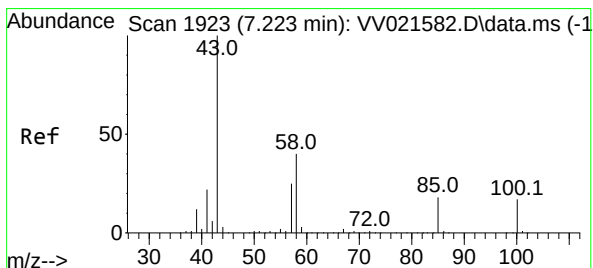
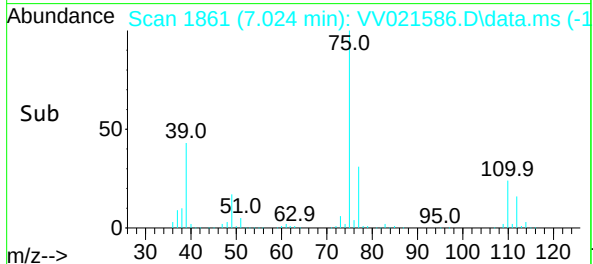
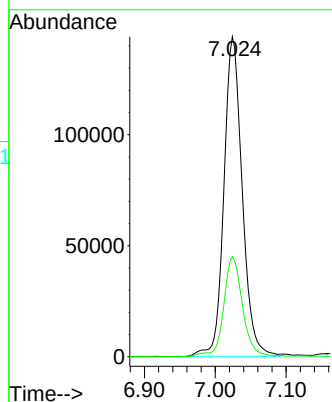
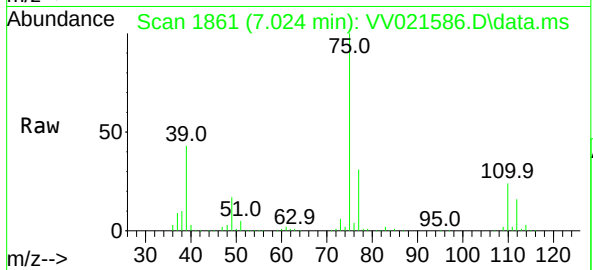


#39

cis-1,3-Dichloropropene
Concen: 48.155 ug/L
RT: 7.024 min Scan# 1861
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Instrument :
MSVOA_V
ClientSampled :

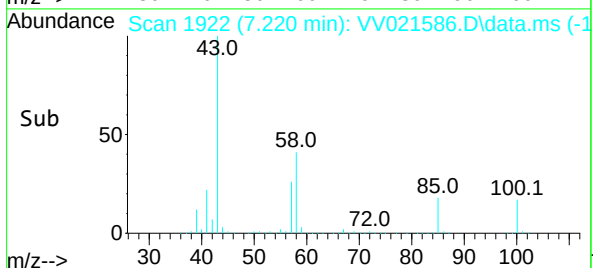
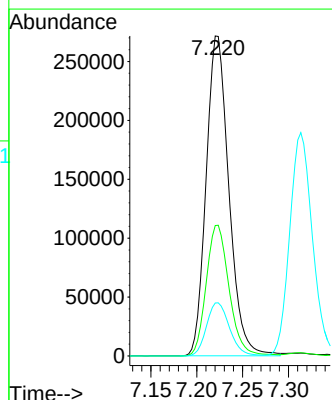
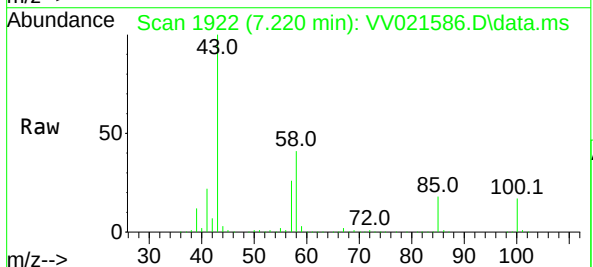
Tgt Ion: 75 Resp: 260033
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7

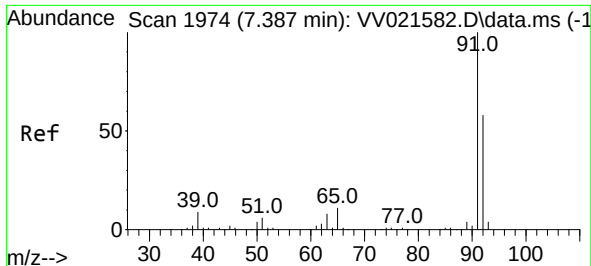


#40

4-Methyl-2-pentanone
Concen: 97.541 ug/L
RT: 7.220 min Scan# 1922
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 43 Resp: 468862
Ion Ratio Lower Upper
43 100
58 41.1 32.8 49.2
100 16.8 13.5 20.3

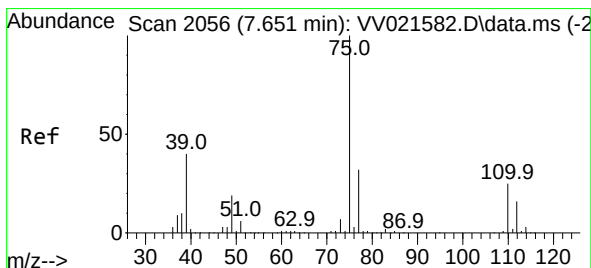
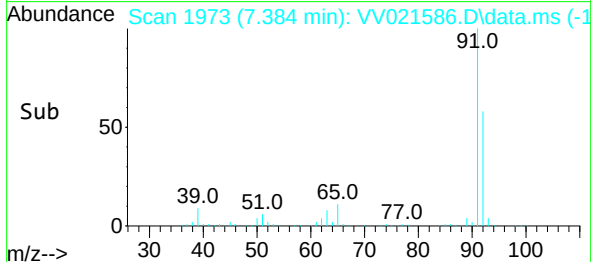
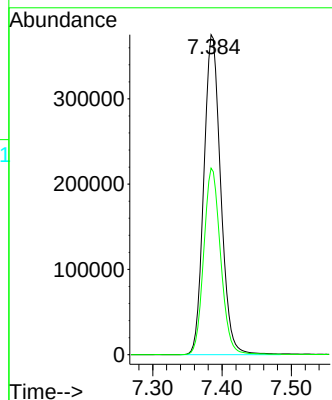
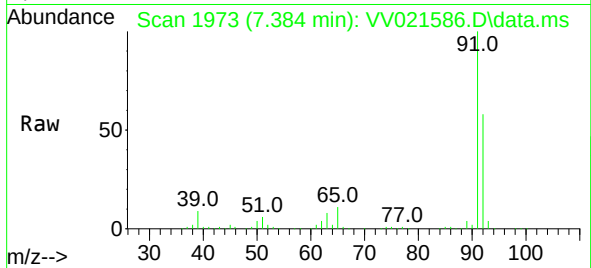




#42
Toluene
Concen: 46.956 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

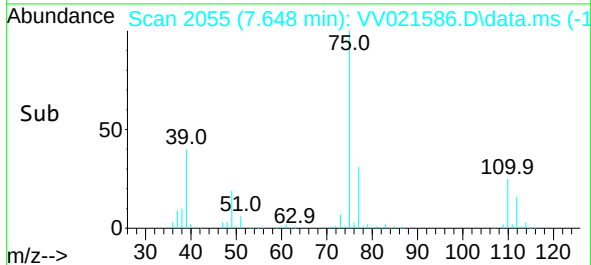
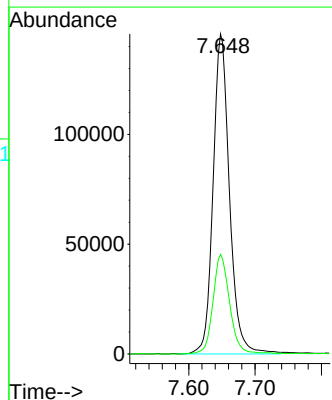
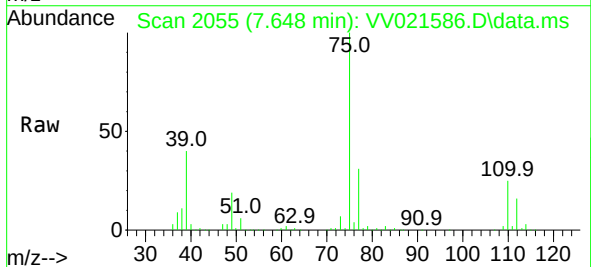
Instrument :
MSVOA_V
ClientSampled :

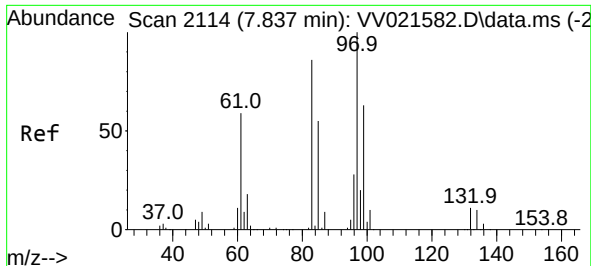
Tgt Ion: 91 Resp: 633618
Ion Ratio Lower Upper
91 100
92 58.3 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 49.545 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 75 Resp: 249844
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 49.456 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Tgt Ion: 97 Resp: 159094

Ion Ratio Lower Upper

97 100

99 62.8 44.4 82.4

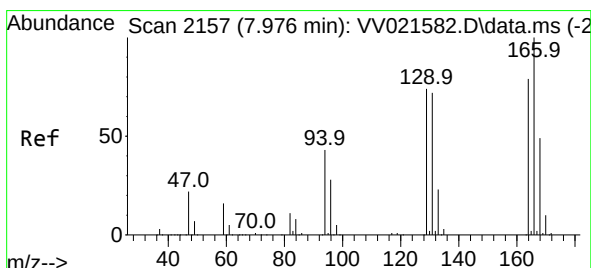
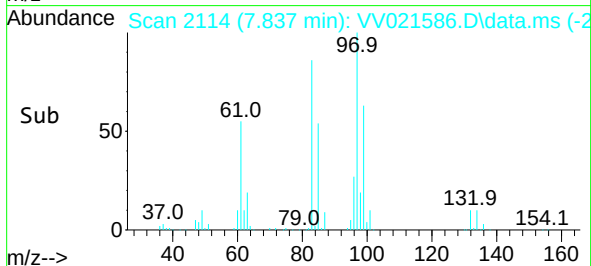
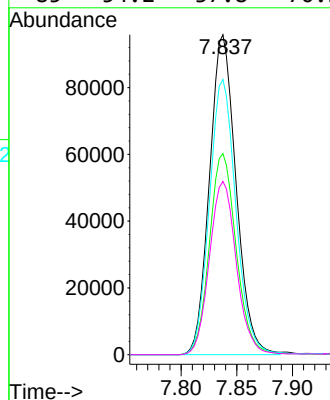
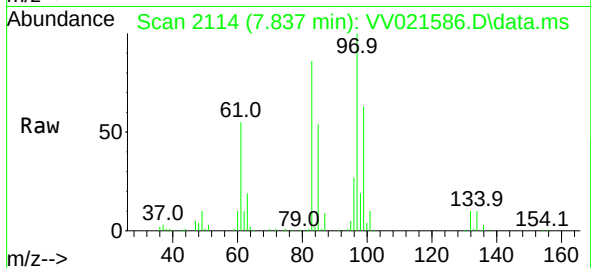
83 86.0 58.8 109.2

85 54.2 37.8 70.2

Instrument :

MSVOA_V

ClientSampled :



#46

Tetrachloroethene

Concen: 43.252 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Tgt Ion:164 Resp: 117144

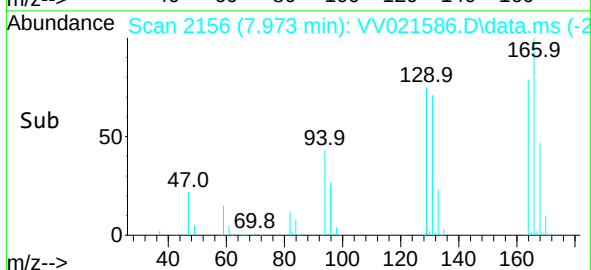
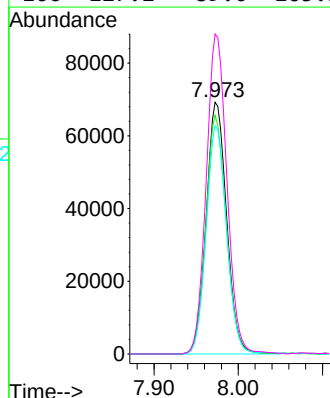
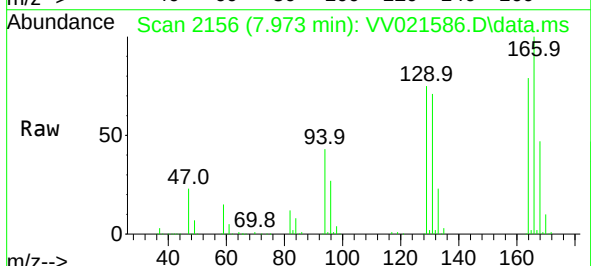
Ion Ratio Lower Upper

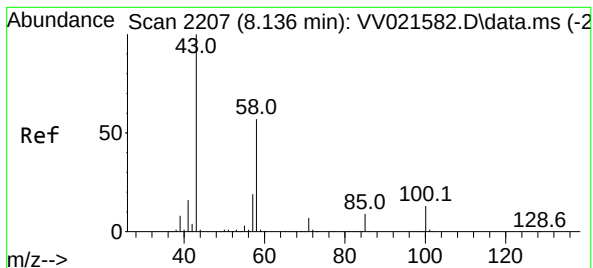
164 100

129 94.8 65.9 122.3

131 90.6 64.0 119.0

166 127.2 89.0 165.2





#48

2-Hexanone

Concen: 93.640 ug/L

RT: 8.136 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Tgt Ion: 43 Resp: 355782

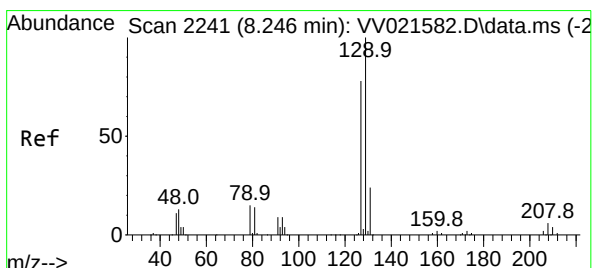
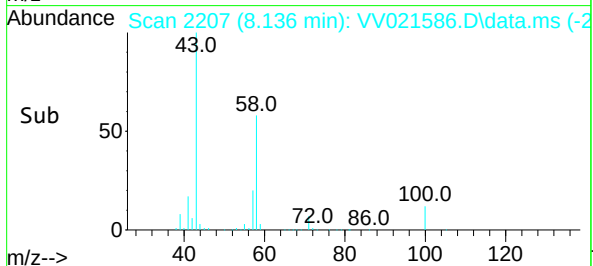
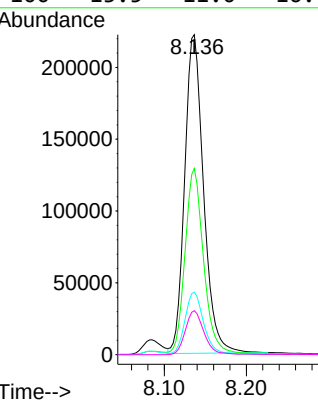
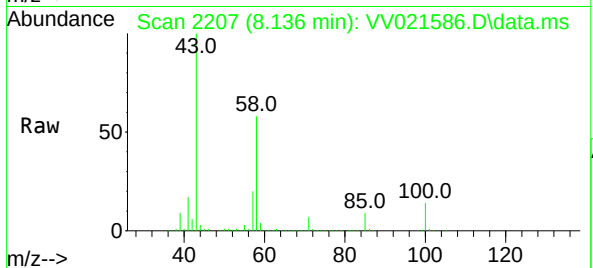
Ion Ratio Lower Upper

43 100

58 56.4 46.7 70.1

57 19.4 15.5 23.3

100 13.5 11.0 16.4



#49

Dibromochloromethane

Concen: 49.715 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VV021586.D

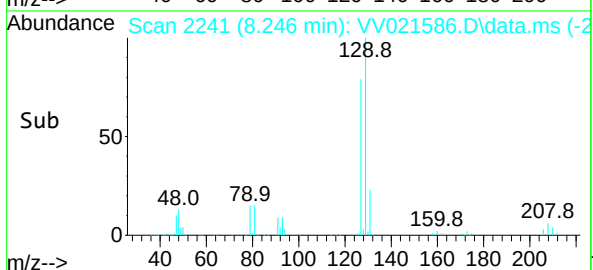
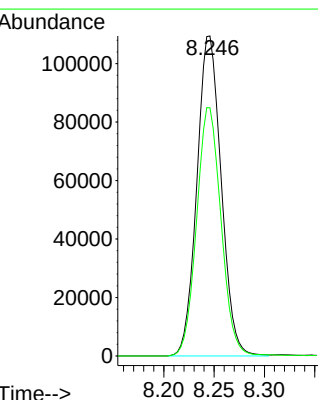
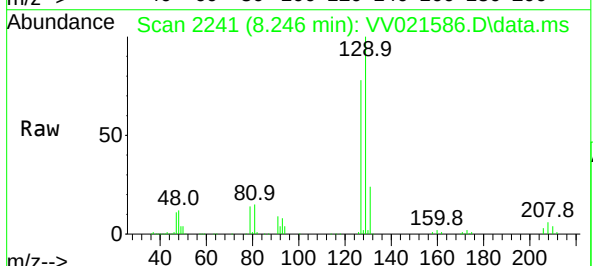
Acq: 30 Jun 2021 13:02

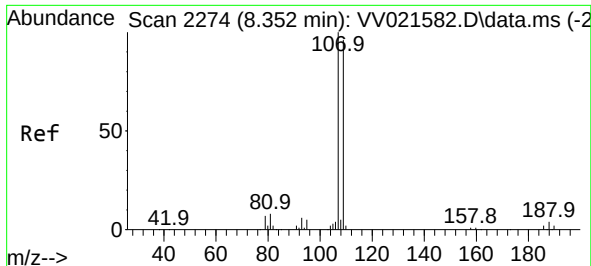
Tgt Ion: 129 Resp: 184181

Ion Ratio Lower Upper

129 100

127 77.5 53.1 98.7





#50

1,2-Dibromoethane

Concen: 49.371 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. -0.003 min

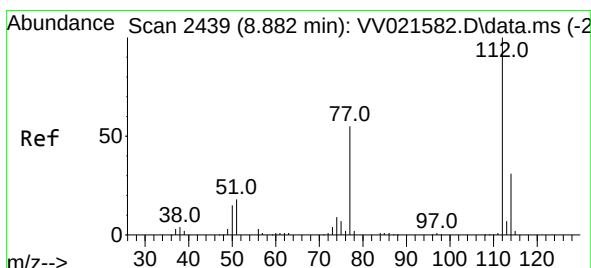
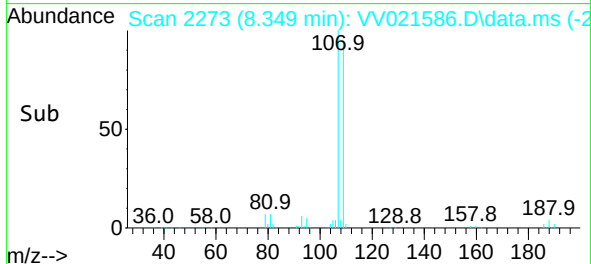
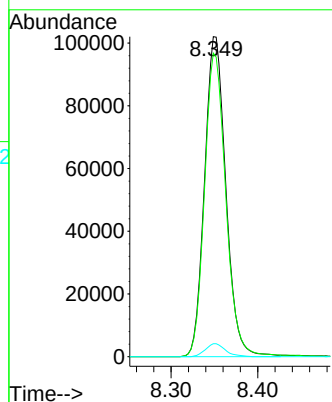
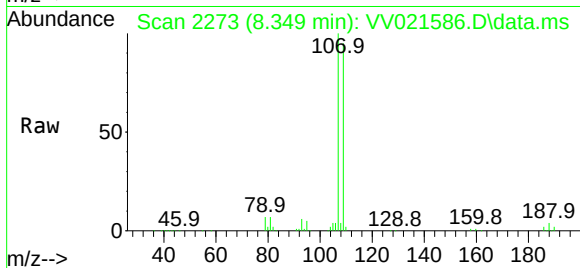
Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:107 Resp: 174136

Ion	Ratio	Lower	Upper
107	100		
109	94.9	65.8	122.2
188	4.0	3.1	4.7



#51

Chlorobenzene

Concen: 47.175 ug/L

RT: 8.879 min Scan# 2438

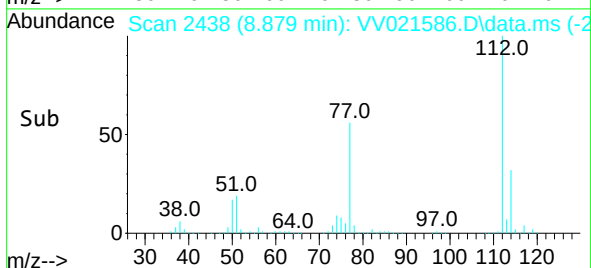
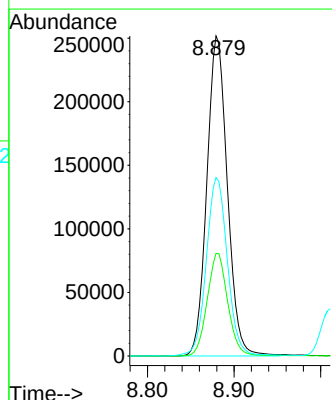
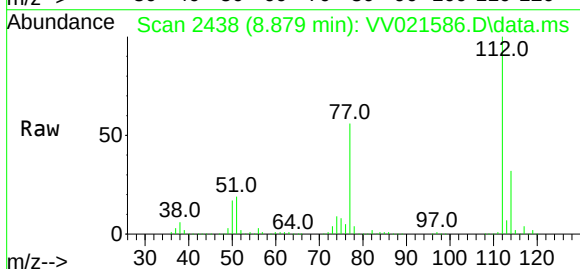
Delta R.T. -0.003 min

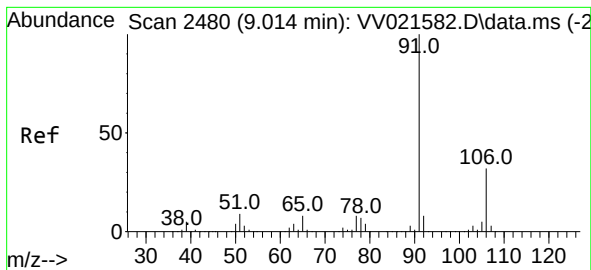
Lab File: VV021586.D

Acq: 30 Jun 2021 13:02

Tgt Ion:112 Resp: 414259

Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.9	40.7
77	55.8	44.0	66.0





#52

Ethylbenzene

Concen: 46.179 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV021586.D

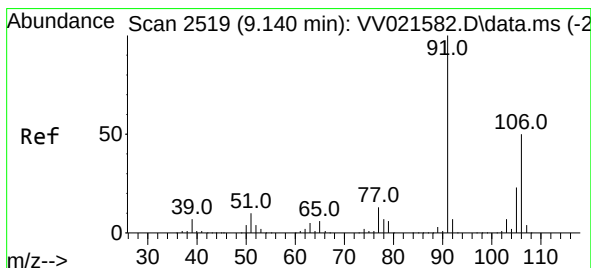
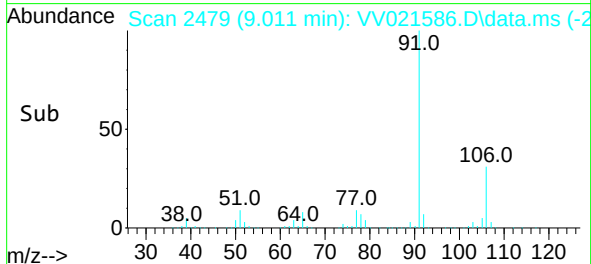
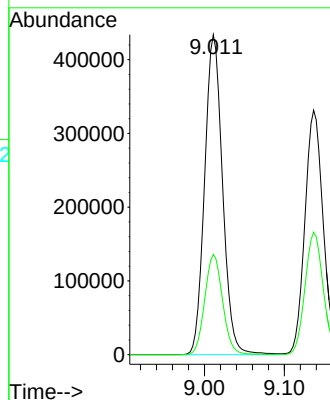
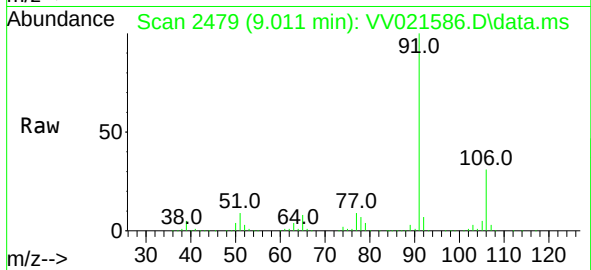
Acq: 30 Jun 2021 13:02

Tgt Ion: 91 Resp: 676977

Ion Ratio Lower Upper

91 100

106 31.3 21.8 40.6



#53

m,p-Xylene

Concen: 46.847 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV021586.D

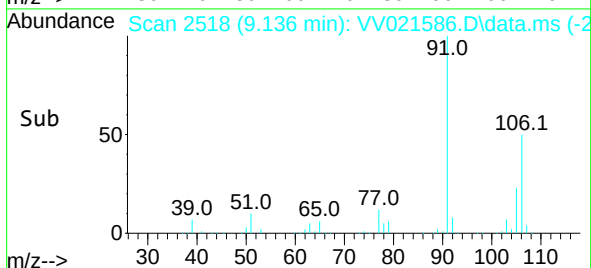
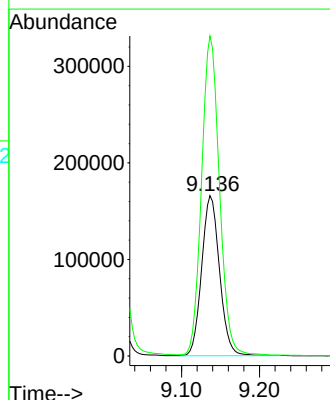
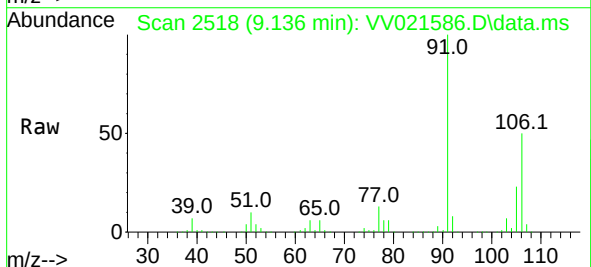
Acq: 30 Jun 2021 13:02

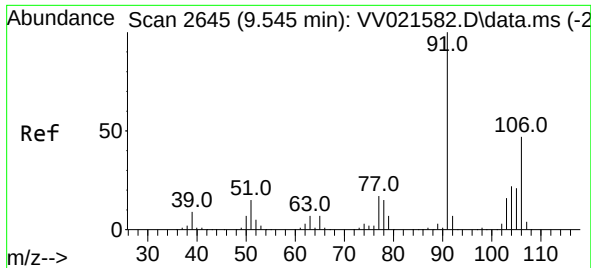
Tgt Ion: 106 Resp: 263555

Ion Ratio Lower Upper

106 100

91 199.7 138.7 257.5

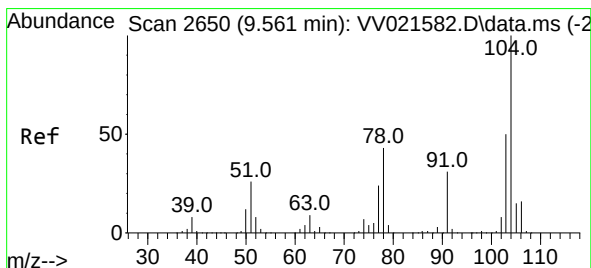
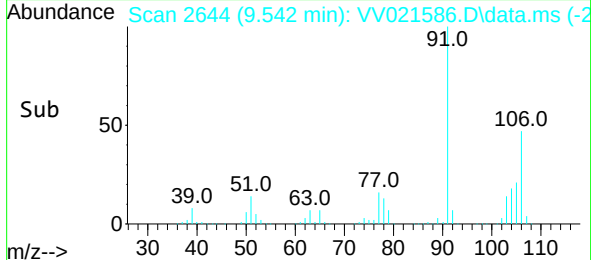
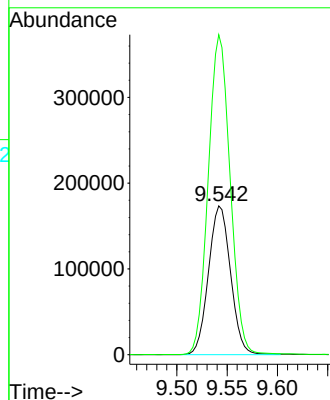
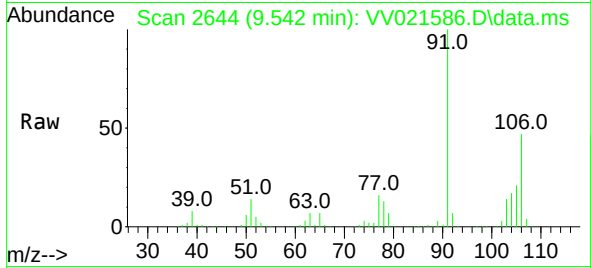




#54
o-Xylene
Concen: 47.208 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

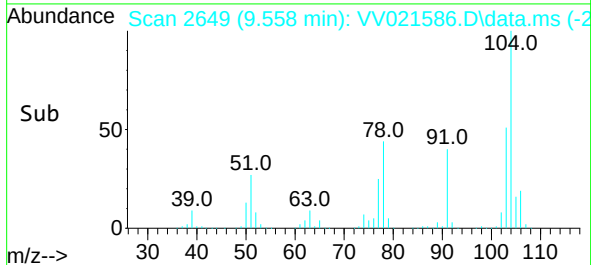
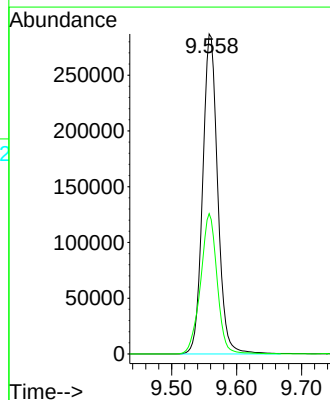
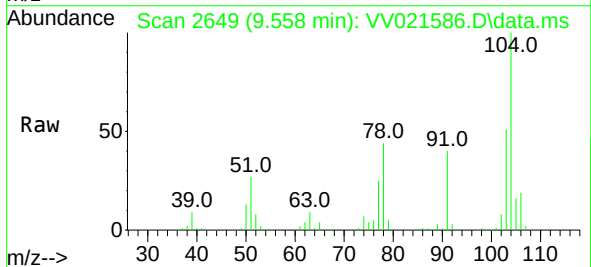
Instrument :
MSVOA_V
ClientSampled :

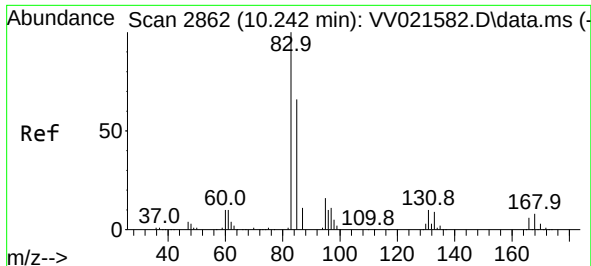
Tgt Ion:106 Resp: 264962
Ion Ratio Lower Upper
106 100
91 214.9 149.0 276.8



#55
Styrene
Concen: 48.873 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion:104 Resp: 463511
Ion Ratio Lower Upper
104 100
78 43.9 30.6 56.8

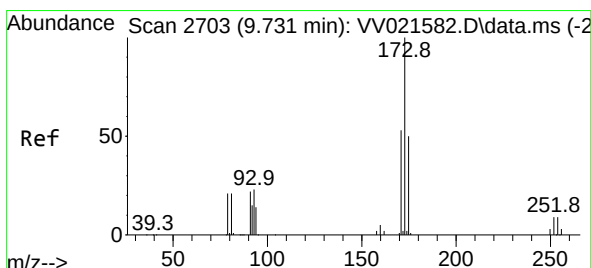
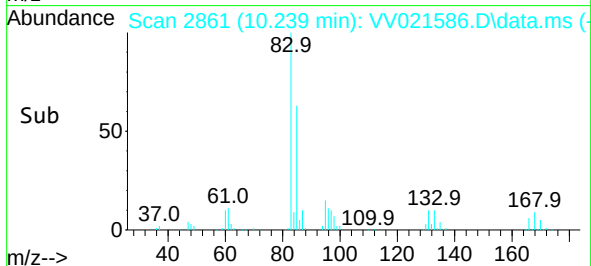
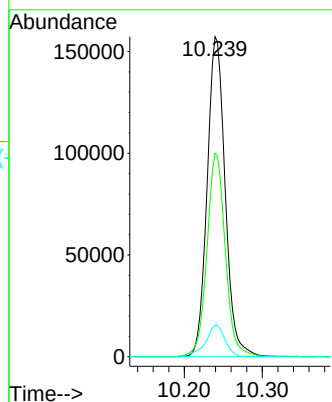
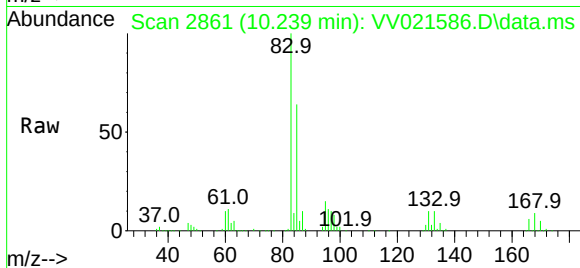




#57
1,1,2,2-Tetrachloroethane
Concen: 50.429 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

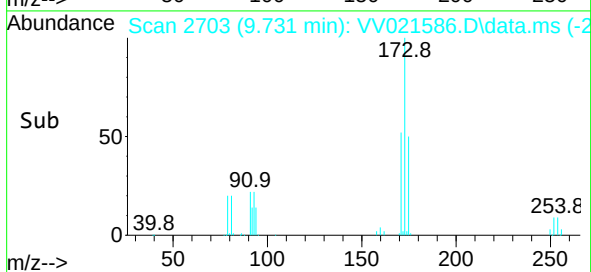
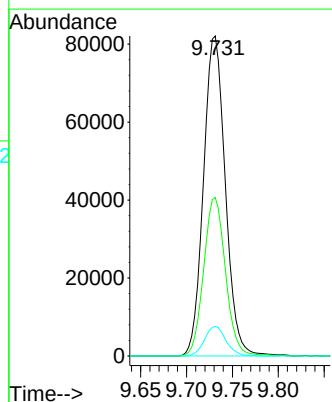
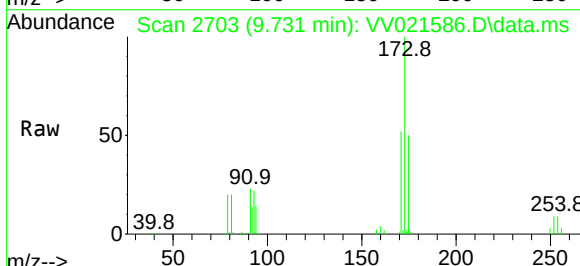
Instrument :
MSVOA_V
ClientSampleId :

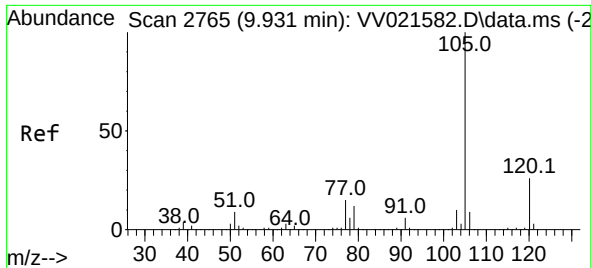
Tgt Ion: 83 Resp: 252881
Ion Ratio Lower Upper
83 100
85 63.6 45.0 83.6
131 9.9 8.4 12.6



#59
Bromoform
Concen: 48.960 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 173 Resp: 136153
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 9.1 7.0 10.6

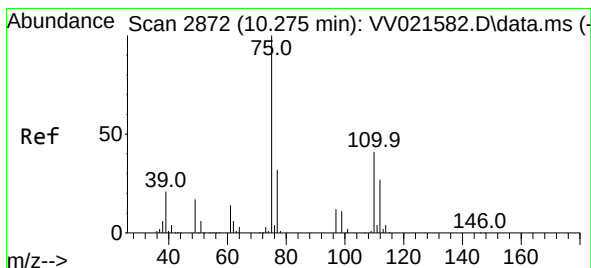
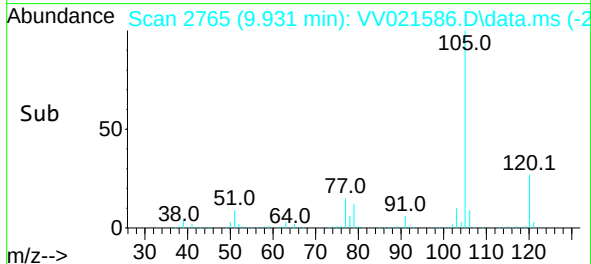
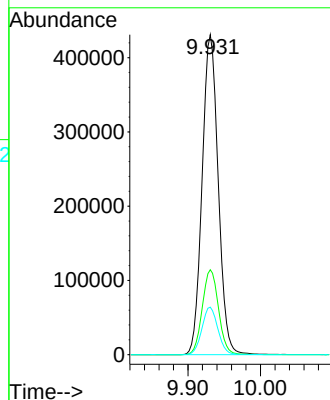
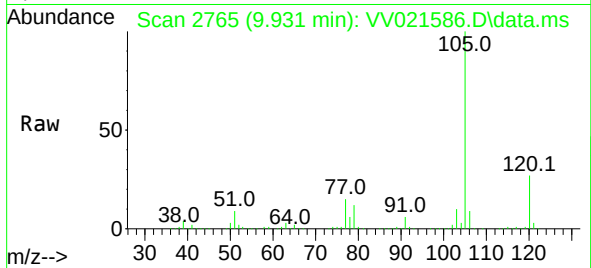




#60
Isopropylbenzene
Concen: 45.069 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

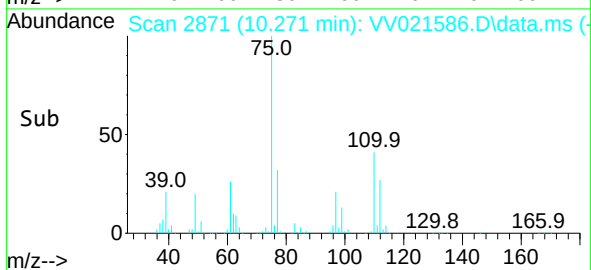
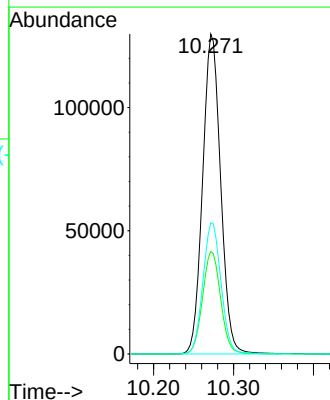
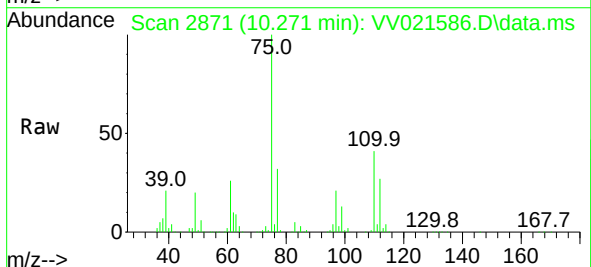
Instrument :
MSVOA_V
ClientSampled :

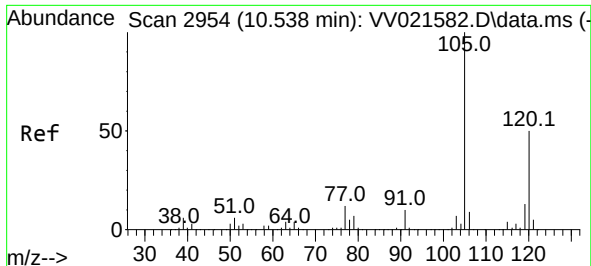
Tgt Ion:105 Resp: 665106
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 48.772 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 75 Resp: 203991
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 41.1 33.0 49.6

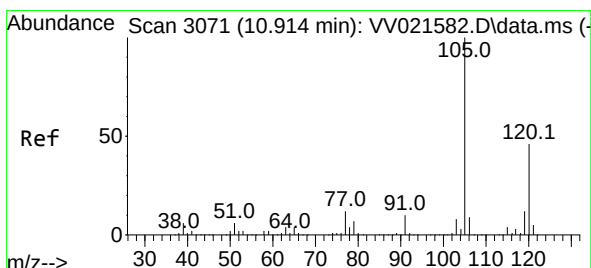
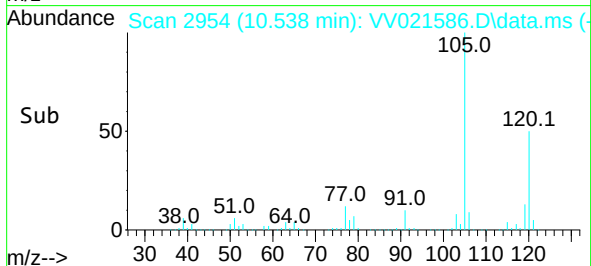
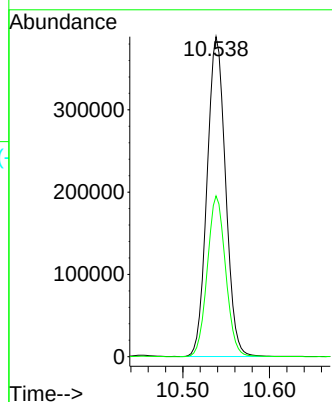
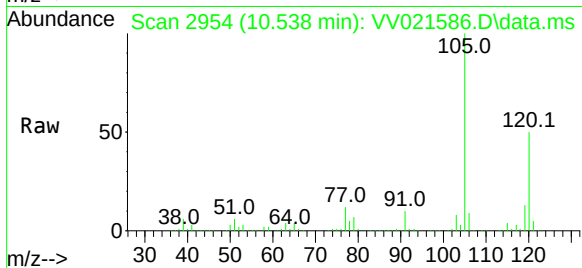




#62
1,3,5-Trimethylbenzene
Concen: 45.870 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

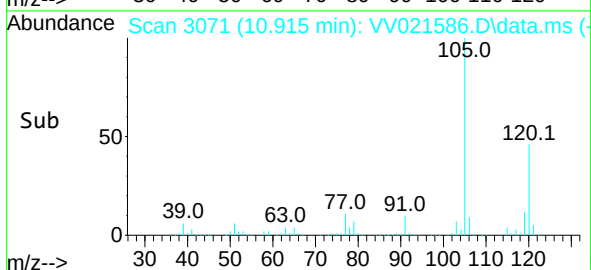
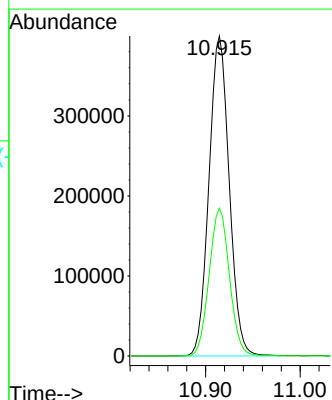
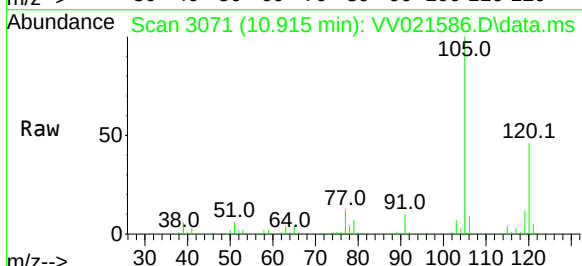
Instrument :
MSVOA_V
ClientSampled :

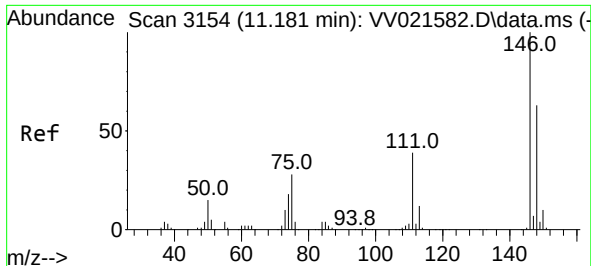
Tgt Ion:105 Resp: 576919
Ion Ratio Lower Upper
105 100
120 49.8 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 46.712 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion:105 Resp: 594548
Ion Ratio Lower Upper
105 100
120 46.3 37.1 55.7

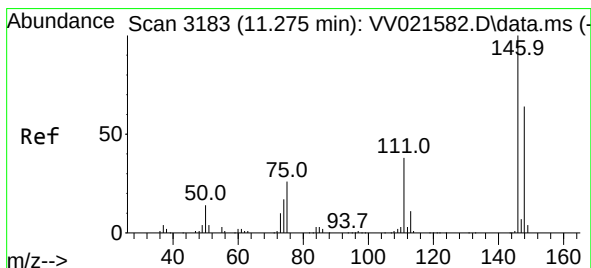
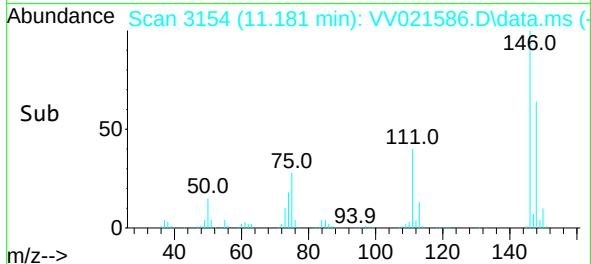
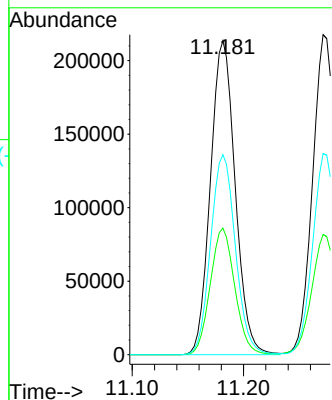
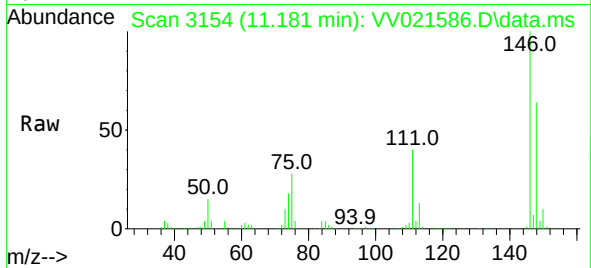




#64
1,3-Dichlorobenzene
Concen: 47.492 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

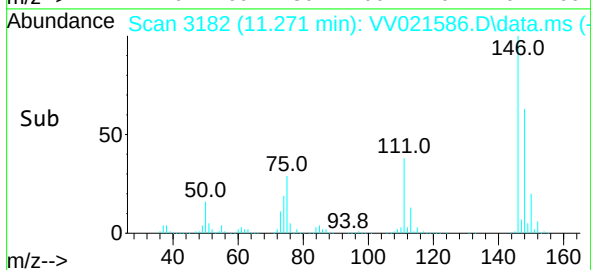
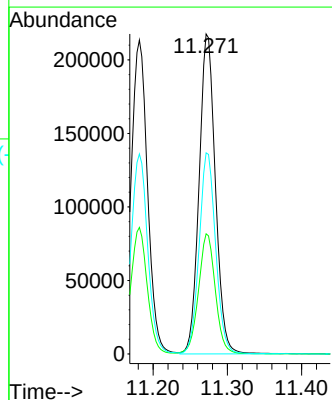
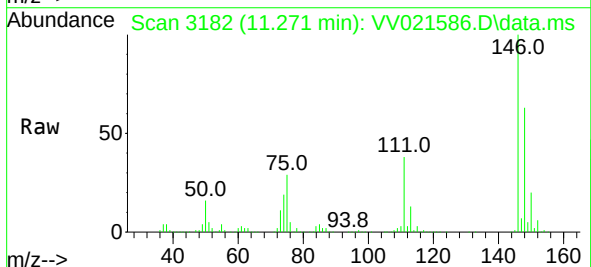
Instrument :
MSVOA_V
ClientSampled :

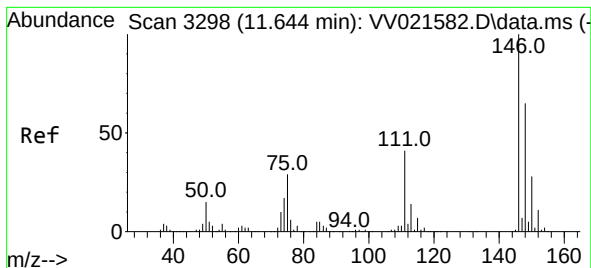
Tgt Ion:146 Resp: 329573
Ion Ratio Lower Upper
146 100
111 40.3 27.3 50.7
148 63.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 47.939 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion:146 Resp: 332511
Ion Ratio Lower Upper
146 100
111 37.5 26.6 49.4
148 62.9 45.2 84.0

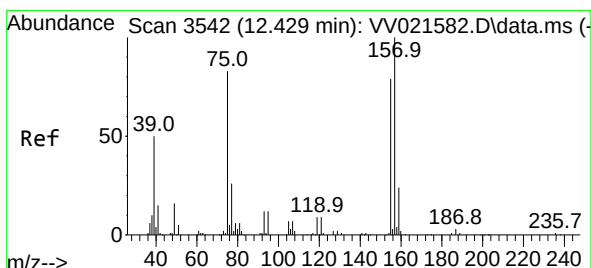
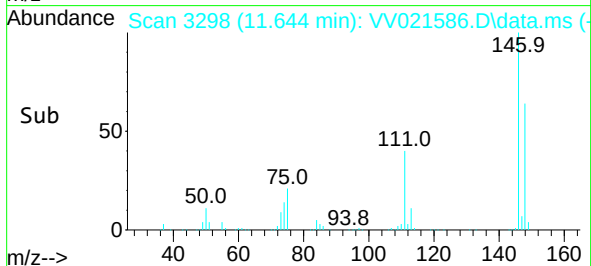
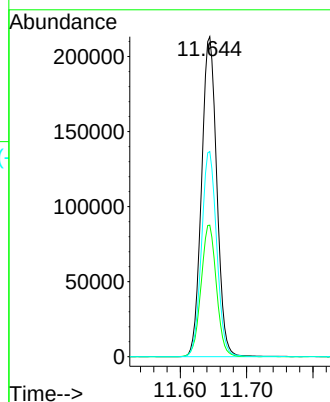
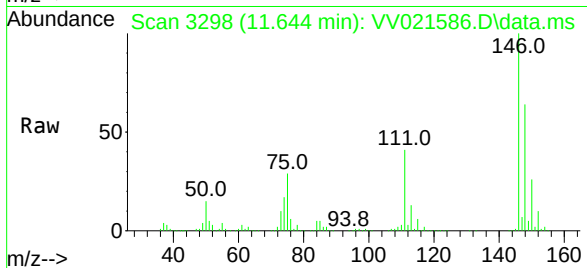




#67
1,2-Dichlorobenzene
Concen: 48.932 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

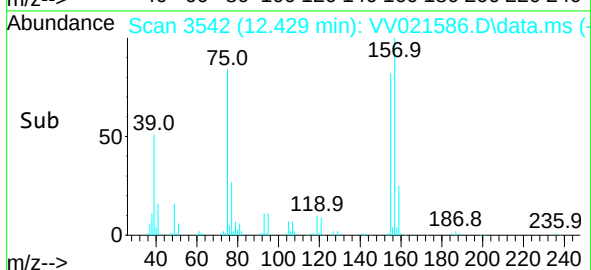
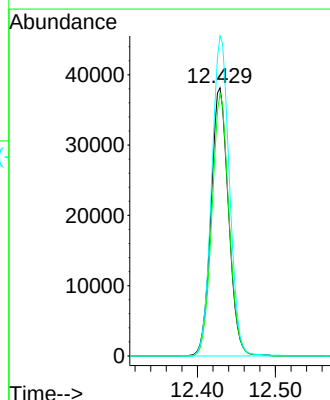
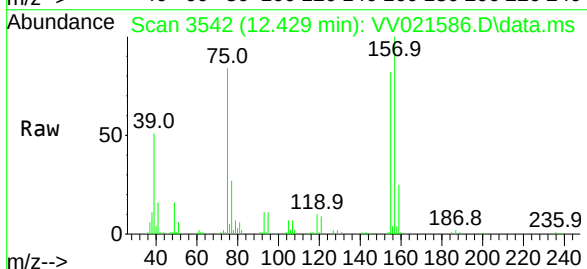
Instrument :
MSVOA_V
ClientSampled :

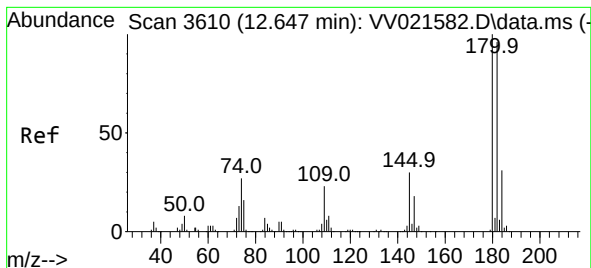
Tgt Ion:146 Resp: 340300
Ion Ratio Lower Upper
146 100
111 41.1 32.6 48.8
148 64.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 48.176 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion: 75 Resp: 59735
Ion Ratio Lower Upper
75 100
155 97.9 75.9 113.9
157 119.3 96.7 145.1

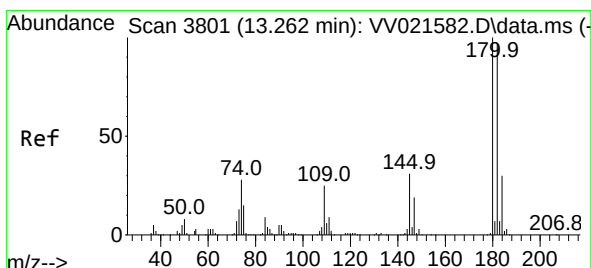
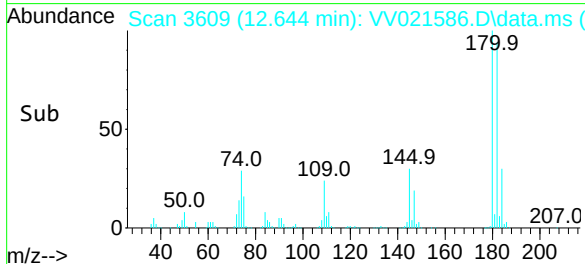
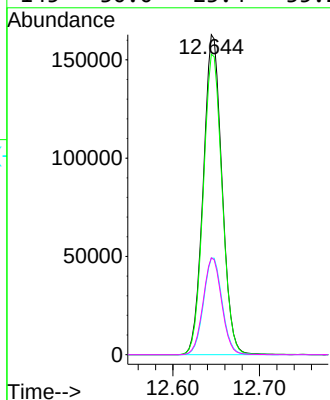
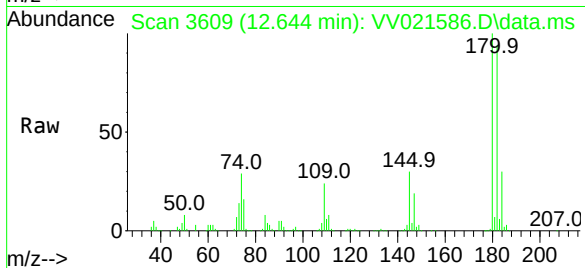




#69
1,3,5-Trichlorobenzene
Concen: 46.959 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

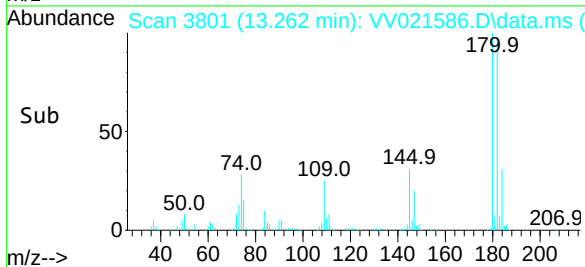
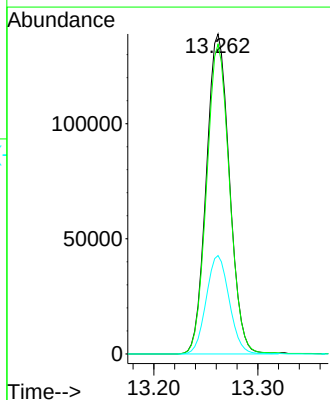
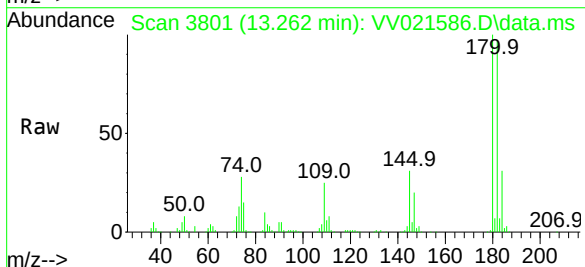
Instrument :
MSVOA_V
ClientSampleId :

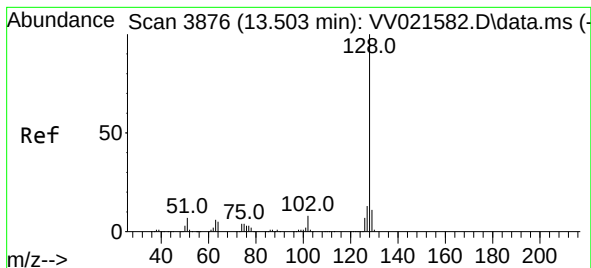
Tgt Ion:180	Resp: 243525
Ion Ratio	Lower Upper
180	100
182	94.9 75.0 112.4
184	30.2 23.8 35.6
145	30.0 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 48.069 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion:180	Resp: 214385
Ion Ratio	Lower Upper
180	100
182	96.0 75.4 113.2
145	30.6 24.1 36.1

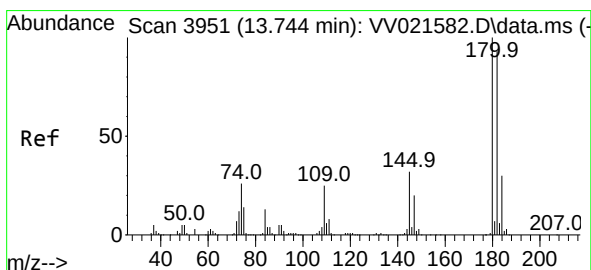
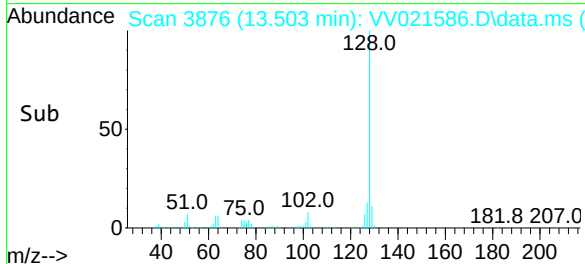
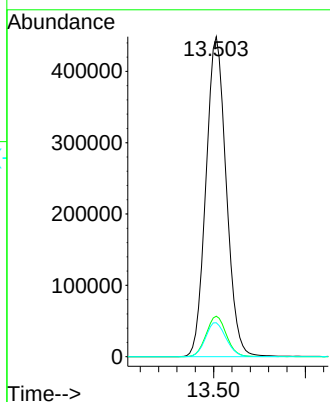
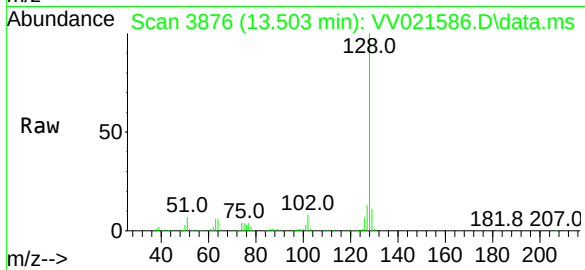




#71
Naphthalene
Concen: 50.693 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 688569
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.679 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021586.D
Acq: 30 Jun 2021 13:02

Tgt Ion:180 Resp: 218839
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.6
145 32.3 25.7 38.5

