

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021813.D
 Acq On : 17 Aug 2021 13:43
 Operator : SY/MD
 Sample : M3364-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:09:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	438638	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	414739	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	212981	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	148214	43.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.440%
7) Chloroethane-d5	1.558	69	115907	44.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.580%
11) 1,1-Dichloroethene-d2	2.105	63	200543	36.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.480%
21) 2-Butanone-d5	3.873	46	219468	102.906	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.910%
24) Chloroform-d	4.349	84	281667	47.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.820%
26) 1,2-Dichloroethane-d4	5.034	65	166620	48.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
32) Benzene-d6	5.050	84	570067	47.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	178910	48.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.340%
41) Toluene-d8	7.317	98	520181	47.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.380%
43) trans-1,3-Dichloroprop...	7.625	79	78226	42.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.600%
47) 2-Hexanone-d5	8.088	63	135786	111.550	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.550%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	249029	54.108	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.220%
66) 1,2-Dichlorobenzene-d4	11.625	152	207896	47.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	150086	44.227	ug/L	99
3) Chloromethane	1.240	50	164060	46.552	ug/L	99
5) Vinyl chloride	1.307	62	159177	45.869	ug/L	100
6) Bromomethane	1.507	94	100084	47.983	ug/L	99
8) Chloroethane	1.577	64	97639	47.084	ug/L	98
9) Trichlorofluoromethane	1.748	101	217671	45.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	98185	36.068	ug/L	97
12) 1,1-Dichloroethene	2.114	96	98980	38.173	ug/L	98
13) Acetone	2.159	43	110502	62.970	ug/L #	100
14) Carbon disulfide	2.291	76	343667	39.392	ug/L	100
15) Methyl Acetate	2.426	43	79089	24.533	ug/L	95
16) Methylene chloride	2.503	84	137273	38.061	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	128563	42.254	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	416288	44.488	ug/L	99
19) 1,1-Dichloroethane	3.188	63	232438	42.916	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	169123	48.002	ug/L	97
22) 2-Butanone	3.957	43	235449	92.130	ug/L	99
23) Bromochloromethane	4.249	128	89429	47.842	ug/L	97
25) Chloroform	4.378	83	275931	47.348	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021813.D
 Acq On : 17 Aug 2021 13:43
 Operator : SY/MD
 Sample : M3364-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

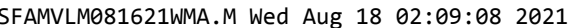
Instrument :
 MSVOA_V
 ClientSampleId :

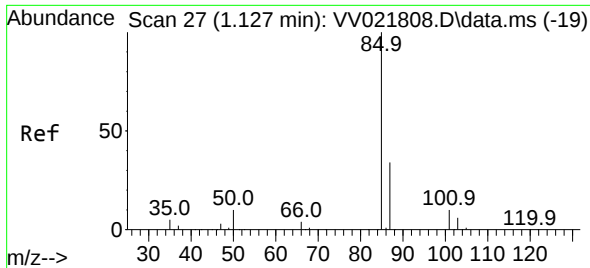
Quant Time: Aug 18 02:09:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	198979	48.460	ug/L	100
29) Cyclohexane	4.677	56	235885	46.181	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	245330	47.273	ug/L	99
31) Carbon tetrachloride	4.828	117	209078	46.560	ug/L	100
33) Benzene	5.101	78	614570	48.153	ug/L	100
34) Trichloroethene	5.915	95	158939	43.336	ug/L	99
35) Methylcyclohexane	6.133	83	235684	44.047	ug/L	98
37) 1,2-Dichloropropane	6.175	63	157281	48.669	ug/L	100
38) Bromodichloromethane	6.513	83	206093	48.386	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	231521	45.243	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	459600	103.388	ug/L	99
42) Toluene	7.391	91	651210	47.774	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	214856	44.553	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	161079	49.756	ug/L	99
46) Tetrachloroethene	7.979	164	121780	44.679	ug/L	99
48) 2-Hexanone	8.140	43	338428	98.282	ug/L	98
49) Dibromochloromethane	8.249	129	175383	49.067	ug/L	99
50) 1,2-Dibromoethane	8.355	107	175072	49.694	ug/L	98
51) Chlorobenzene	8.883	112	425994	47.865	ug/L	99
52) Ethylbenzene	9.014	91	688122	47.319	ug/L	99
53) m,p-Xylene	9.140	106	264733	46.972	ug/L	99
54) o-Xylene	9.545	106	274506	49.136	ug/L	97
55) Styrene	9.561	104	456450	48.791	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	253110	56.162	ug/L	98
59) Bromoform	9.735	173	128920	50.920	ug/L	100
60) Isopropylbenzene	9.934	105	690348	48.347	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	200012	50.817	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	580293	48.428	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	592502	48.632	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	327477	47.359	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	324142	46.962	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	335096	48.038	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	52450	54.810	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	225306	44.950	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	200455	47.684	ug/L	99
71) Naphthalene	13.503	128	694955	56.912	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	206799	48.969	ug/L	99

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

Quant Time: Aug 18 02:09:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 18 02:05:23 2021
Response via : Initial Calibration

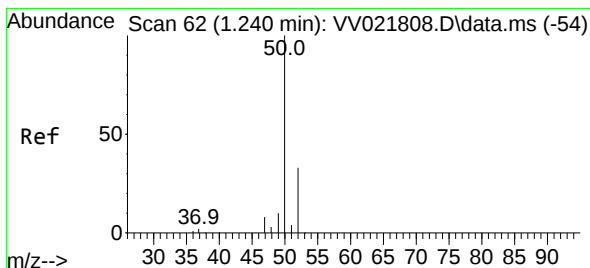
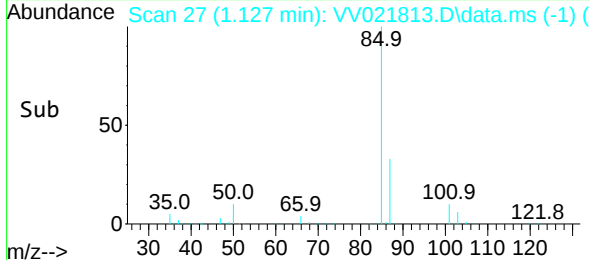
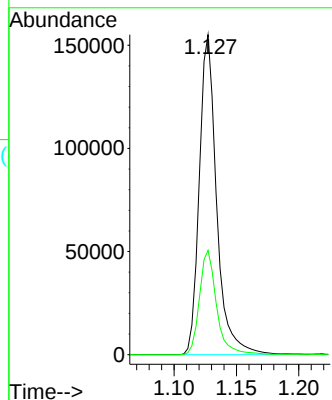
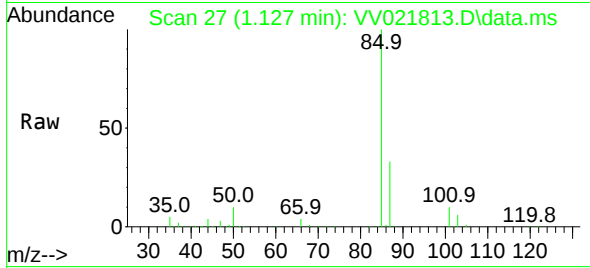




#2
 Dichlorodifluoromethane
 Concen: 44.227 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021813.D
 Acq: 17 Aug 2021 13:43

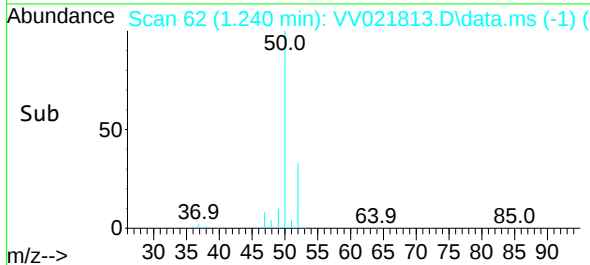
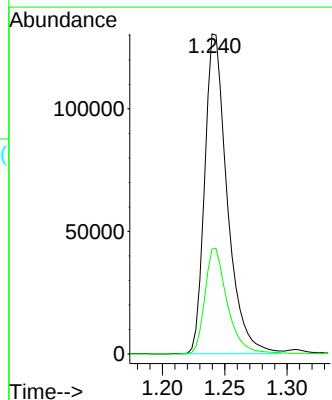
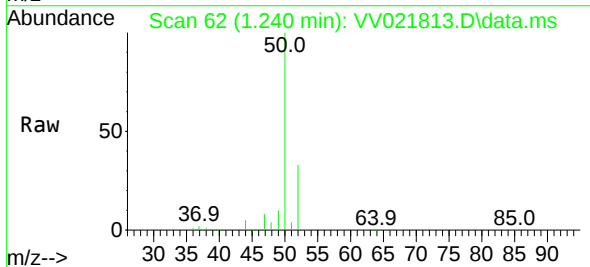
Instrument :
 MSVOA_V
 ClientSampled :

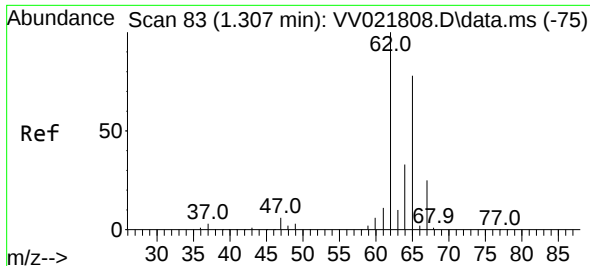
Tgt Ion: 85 Resp: 150086
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



#3
 Chloromethane
 Concen: 46.552 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021813.D
 Acq: 17 Aug 2021 13:43

Tgt Ion: 50 Resp: 164060
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1

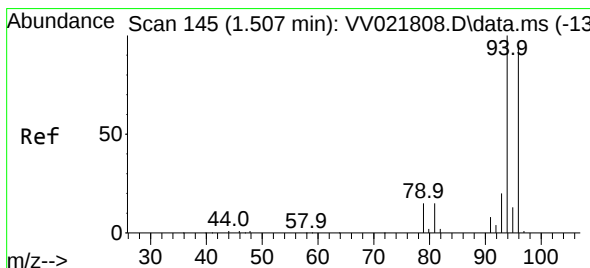
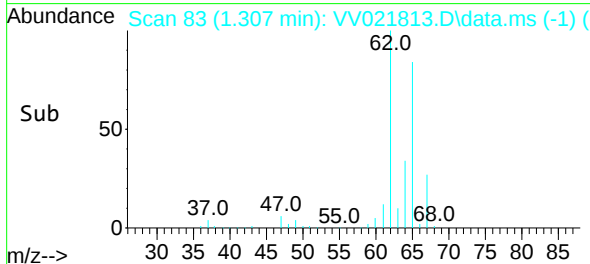
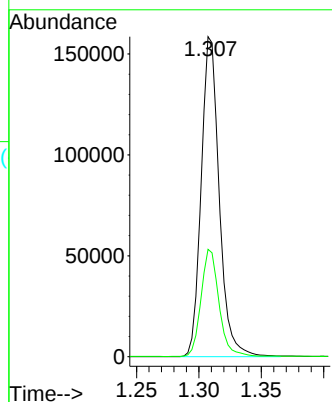
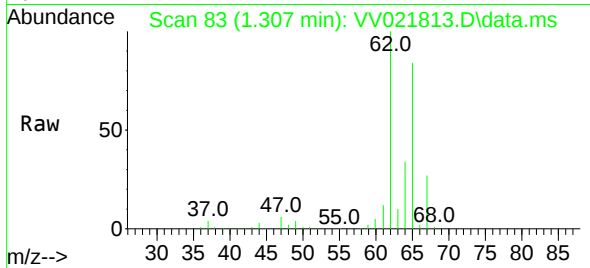




#5
 Vinyl chloride
 Concen: 45.869 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021813.D
 Acq: 17 Aug 2021 13:43

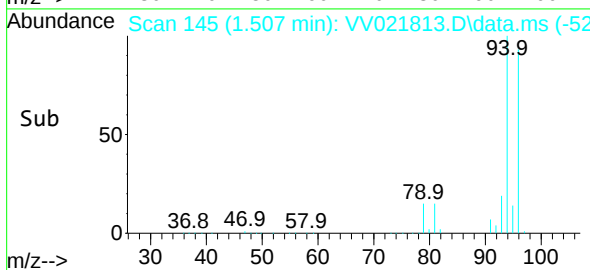
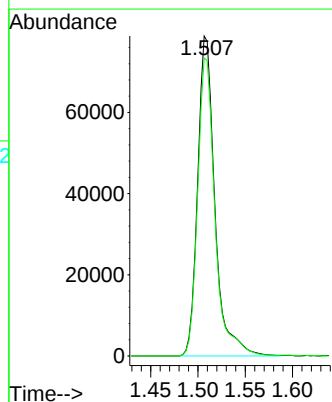
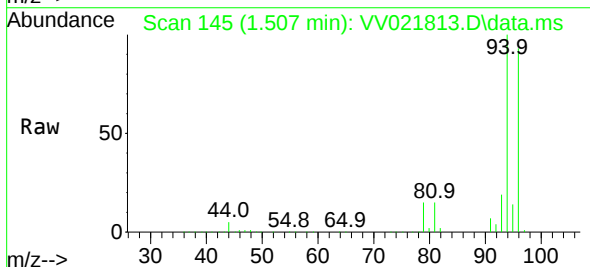
Instrument :
 MSVOA_V
 ClientSampled :

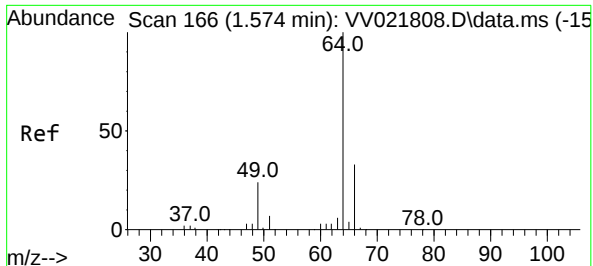
Tgt Ion: 62 Resp: 159177
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 47.983 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV021813.D
 Acq: 17 Aug 2021 13:43

Tgt Ion: 94 Resp: 100084
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.8 120.3

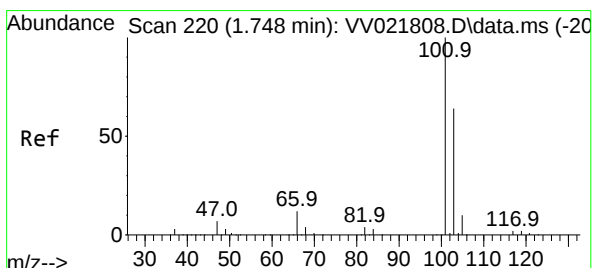
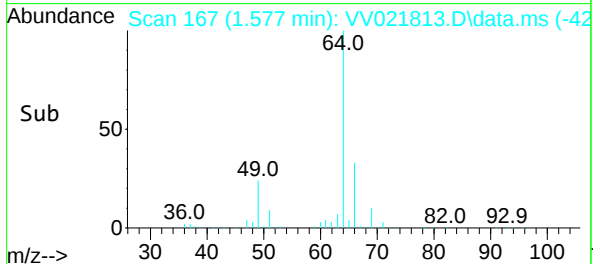
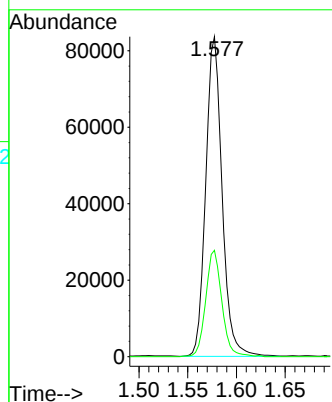
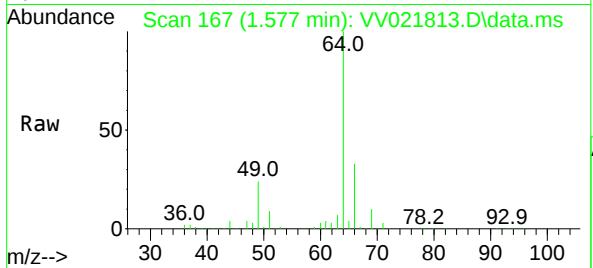




#8
Chloroethane
Concen: 47.084 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

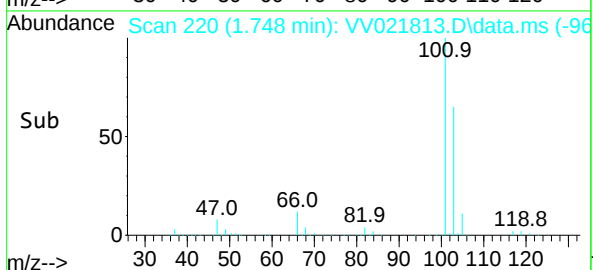
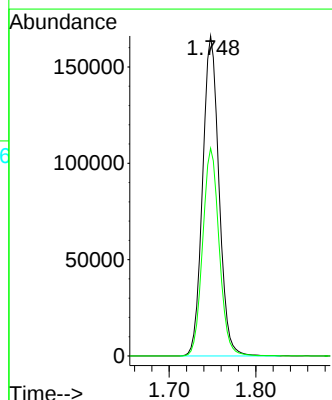
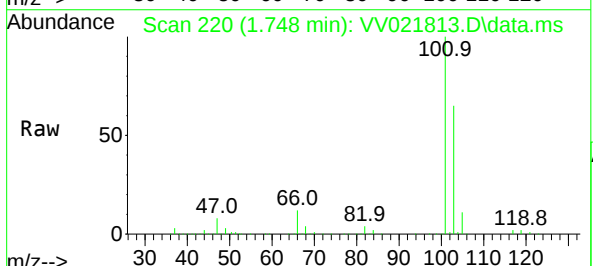
Instrument :
MSVOA_V
ClientSampled :

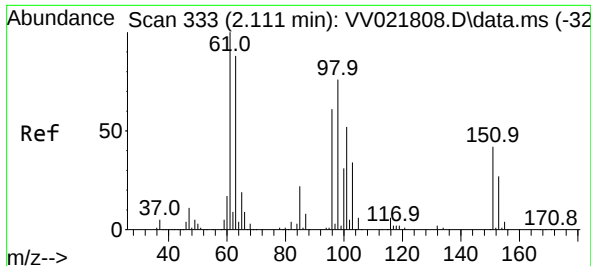
Tgt Ion: 64 Resp: 97639
Ion Ratio Lower Upper
64 100
66 33.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 45.780 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:101 Resp: 217671
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8





#10

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

Concen: 36.068 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

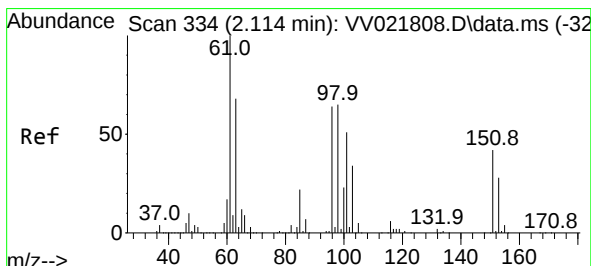
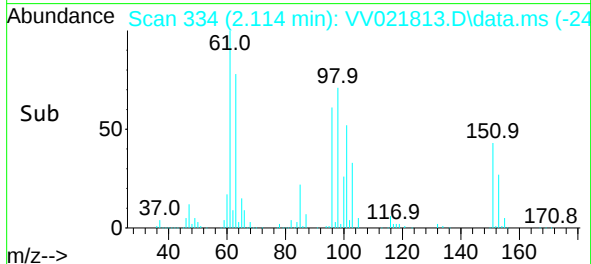
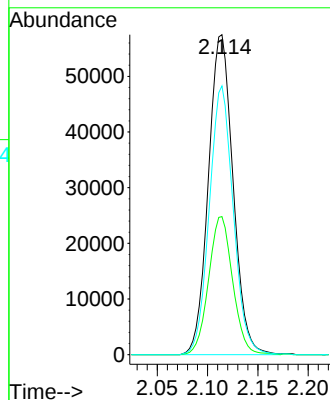
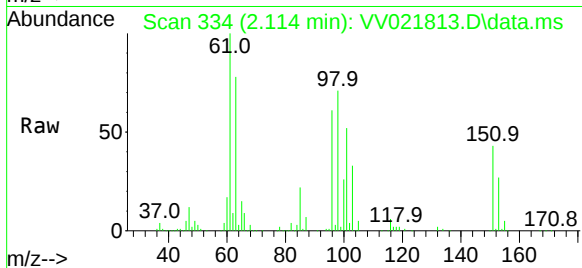
Tgt Ion:101 Resp: 98185

Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.2

151 81.6 62.2 93.2



#12

1,1-Dichloroethene

Concen: 38.173 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

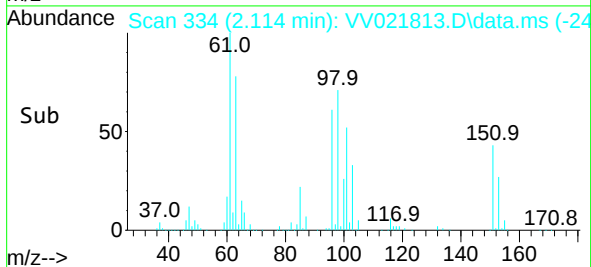
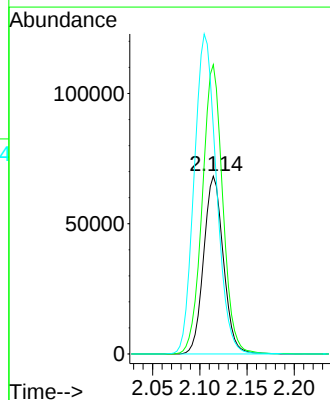
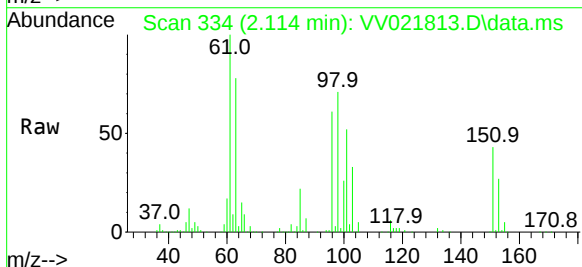
Tgt Ion: 96 Resp: 98980

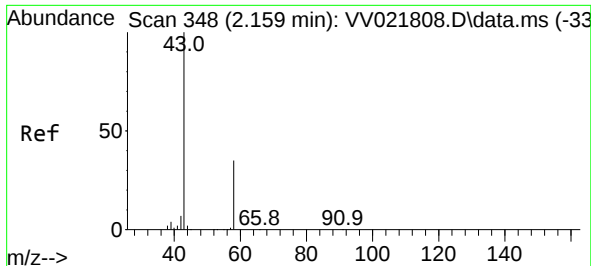
Ion Ratio Lower Upper

96 100

61 162.8 115.5 214.5

63 127.4 90.3 167.7

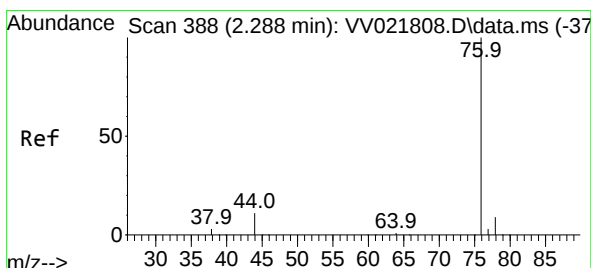
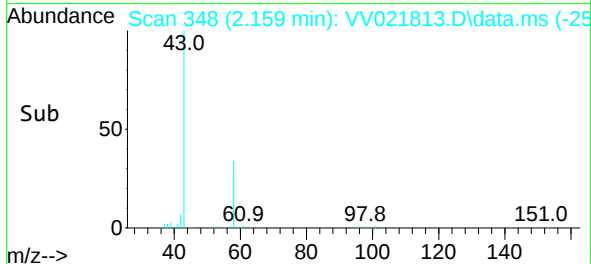
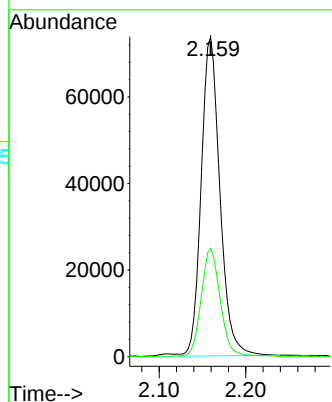
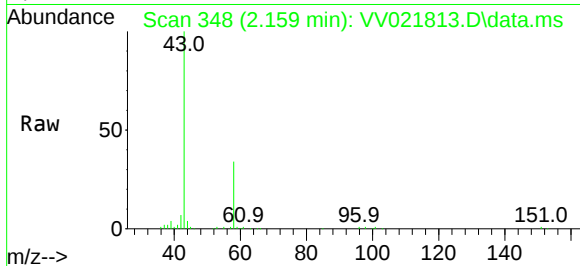




#13
Acetone
Concen: 62.970 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

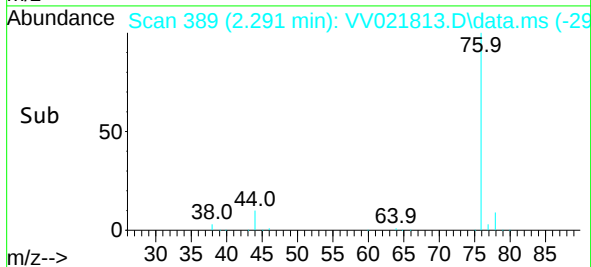
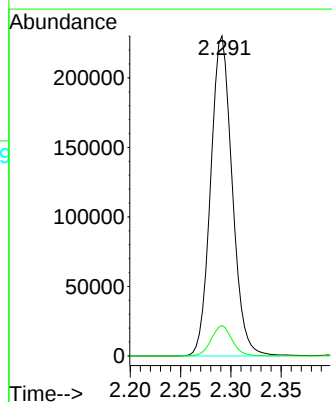
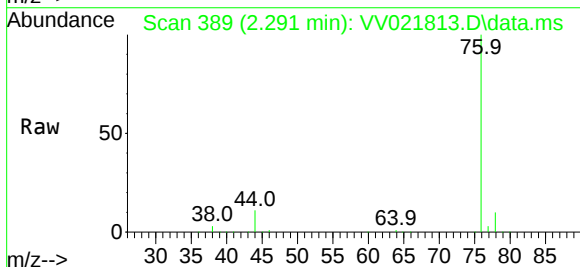
Instrument :
MSVOA_V
ClientSampleId :

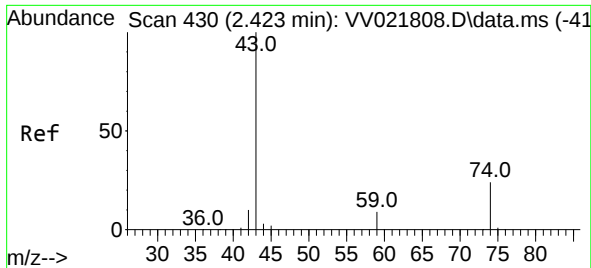
Tgt Ion: 43 Resp: 110502
Ion Ratio Lower Upper
43 100
58 34.1 0.0 0.0#



#14
Carbon disulfide
Concen: 39.392 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 76 Resp: 343667
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

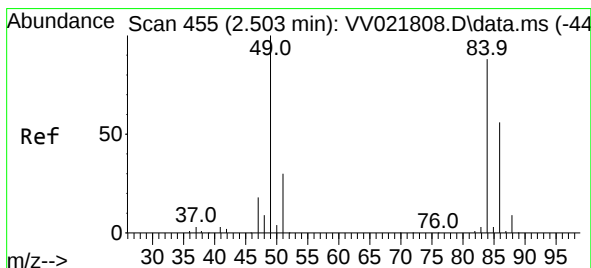
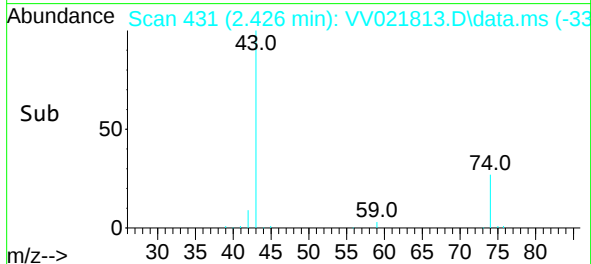
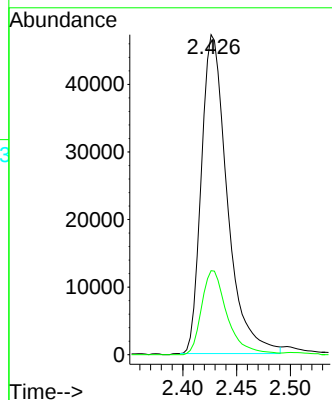
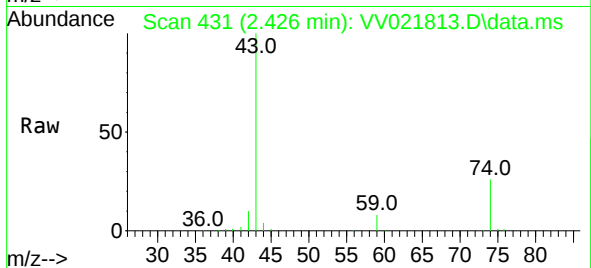




#15
Methyl Acetate
Concen: 24.533 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

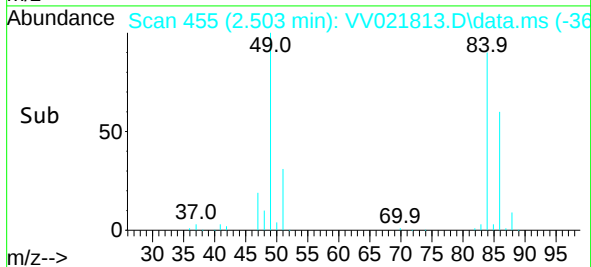
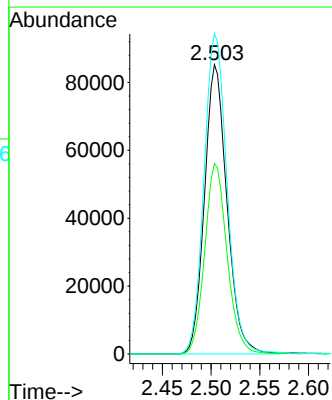
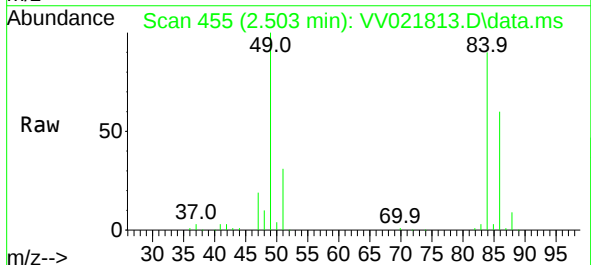
Instrument :
MSVOA_V
ClientSampled :

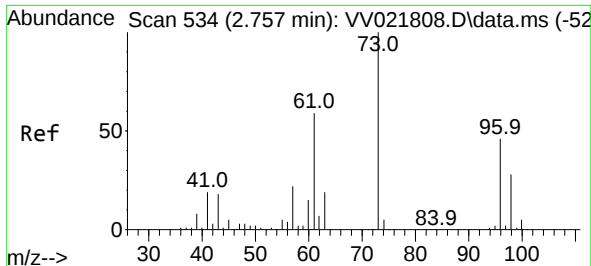
Tgt Ion: 43 Resp: 79089
Ion Ratio Lower Upper
43 100
74 26.1 19.0 28.6



#16
Methylene chloride
Concen: 38.061 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 84 Resp: 137273
Ion Ratio Lower Upper
84 100
86 65.8 44.7 83.1
49 110.6 82.5 153.3

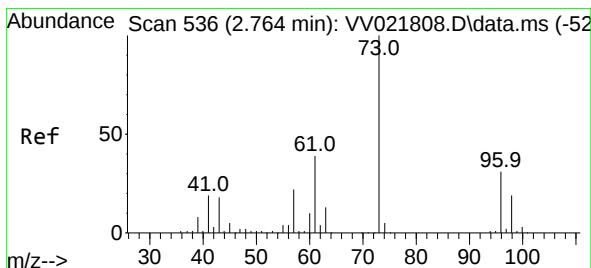
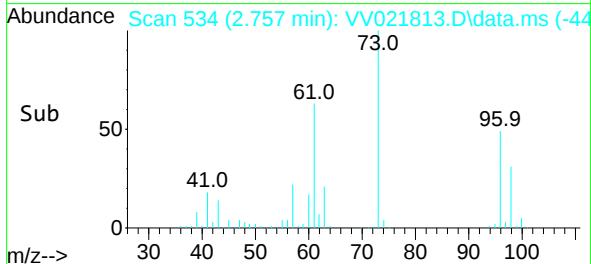
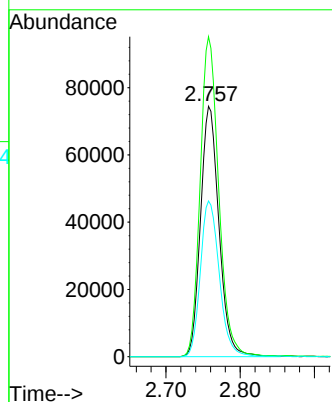
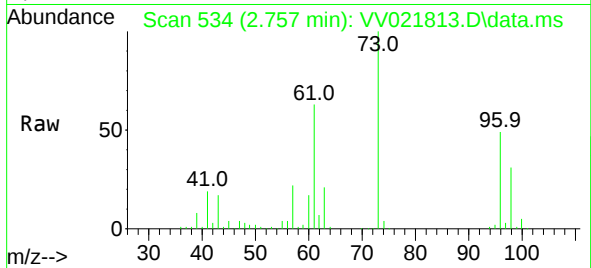




#17
trans-1,2-Dichloroethene
Concen: 42.254 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

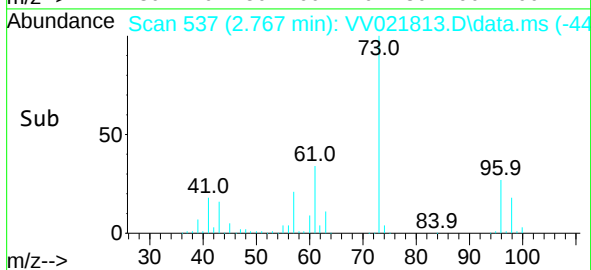
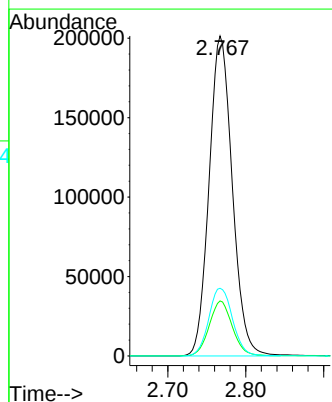
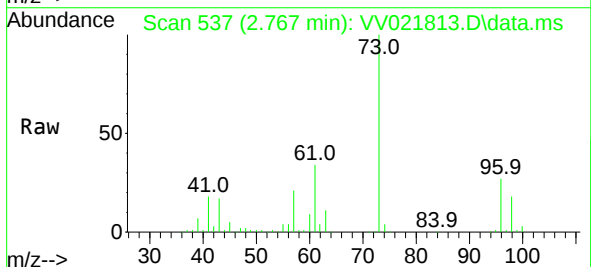
Instrument :
MSVOA_V
ClientSampleId :

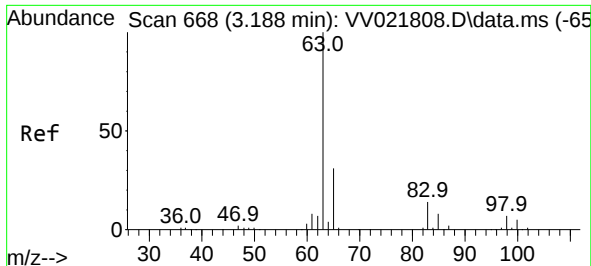
Tgt Ion: 96 Resp: 128563
Ion Ratio Lower Upper
96 100
61 127.8 90.4 168.0
98 62.1 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 44.488 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 73 Resp: 416288
Ion Ratio Lower Upper
73 100
43 17.0 14.2 21.4
57 21.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 42.916 ug/L

RT: 3.188 min Scan# 668

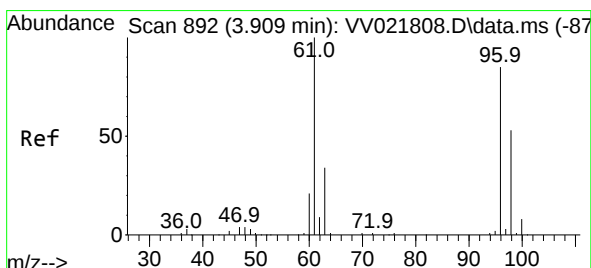
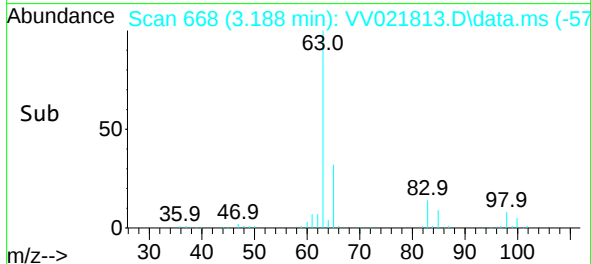
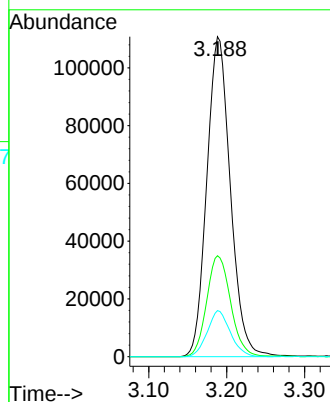
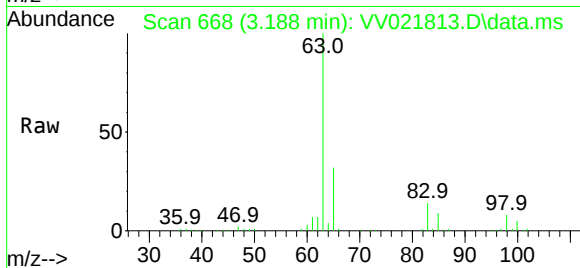
Delta R.T. -0.000 min

Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

Tgt Ion: 63 Resp: 232438

Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.6
83	14.4	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 48.002 ug/L

RT: 3.912 min Scan# 893

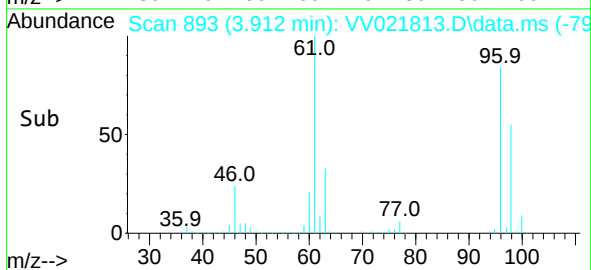
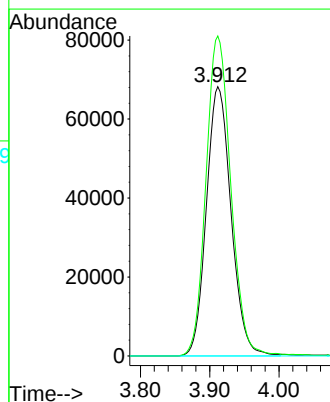
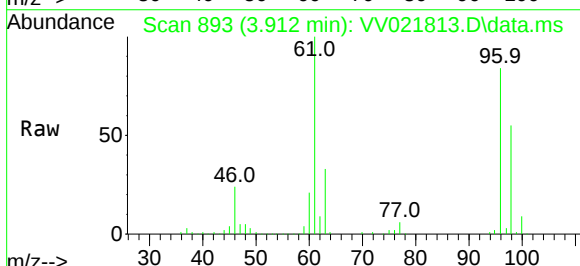
Delta R.T. 0.003 min

Lab File: VV021813.D

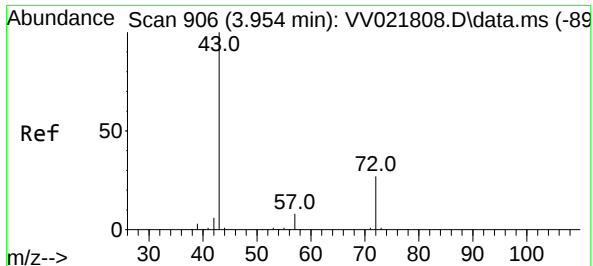
Acq: 17 Aug 2021 13:43

Tgt Ion: 96 Resp: 169123

Ion	Ratio	Lower	Upper
96	100		
61	118.9	81.0	150.4
68	0.0	0.0	0.0



Instrument :
MSVOA_V
ClientSampleId :



#22

2-Butanone

Concen: 92.130 ug/L

RT: 3.957 min Scan# 907

Delta R.T. 0.003 min

Lab File: VV021813.D

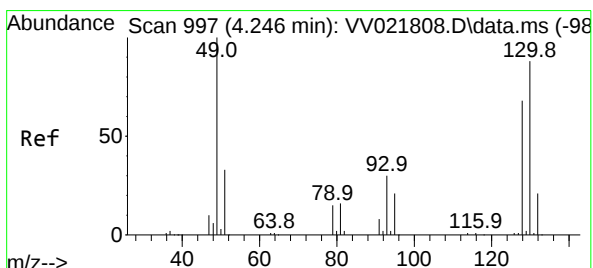
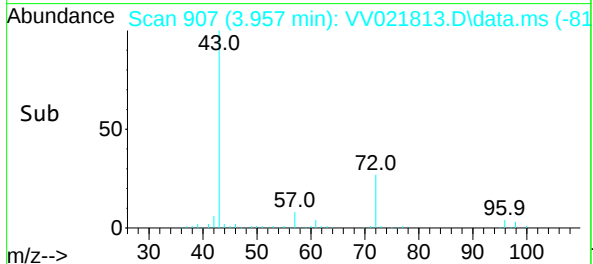
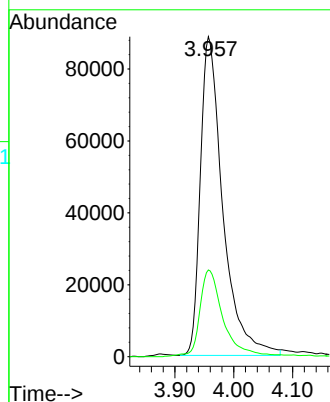
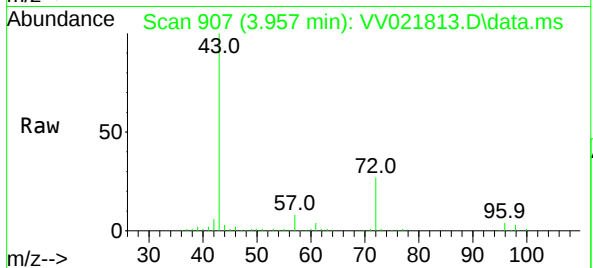
Acq: 17 Aug 2021 13:43

Tgt Ion: 43 Resp: 235449

Ion Ratio Lower Upper

43 100

72 27.8 13.6 40.8



#23

Bromochloromethane

Concen: 47.842 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.003 min

Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

Tgt Ion: 128 Resp: 89429

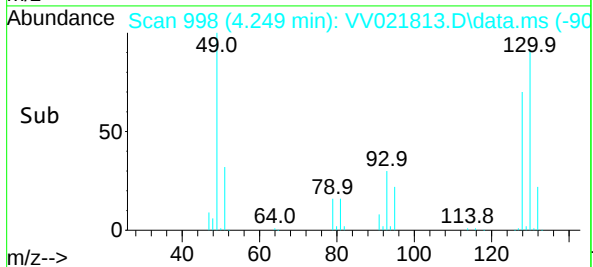
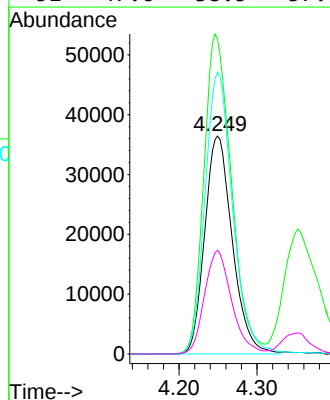
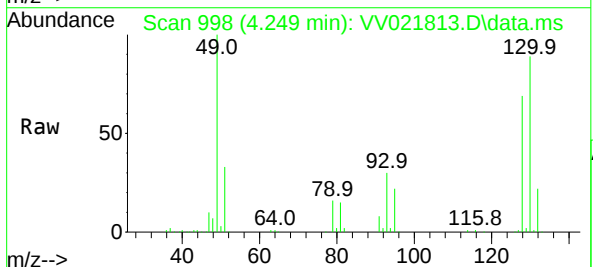
Ion Ratio Lower Upper

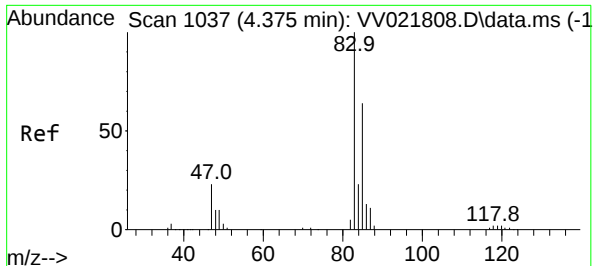
128 100

49 144.5 105.6 196.0

130 129.3 89.5 166.1

51 47.6 38.5 57.7





#25

Chloroform

Concen: 47.348 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021813.D

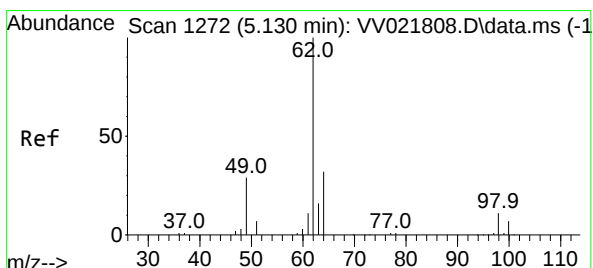
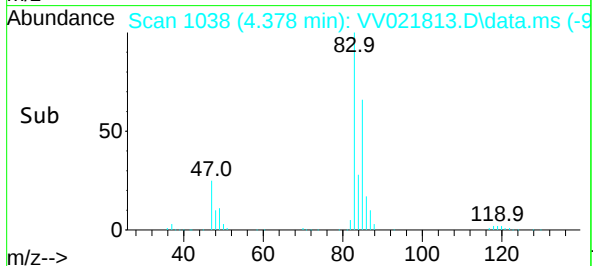
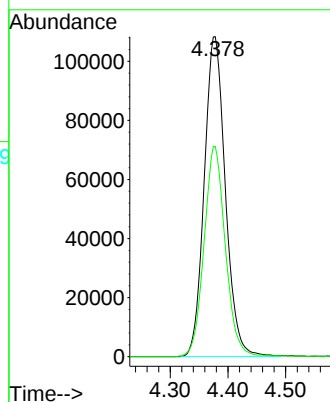
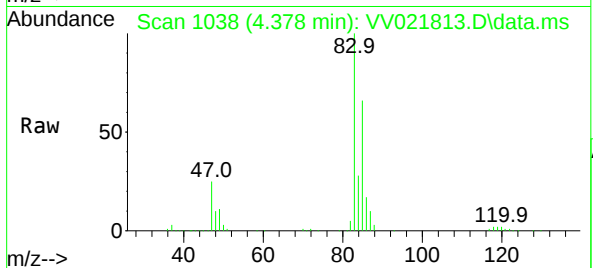
Acq: 17 Aug 2021 13:43

Tgt Ion: 83 Resp: 275931

Ion Ratio Lower Upper

83 100

85 65.8 44.8 83.2



#27

1,2-Dichloroethane

Concen: 48.460 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV021813.D

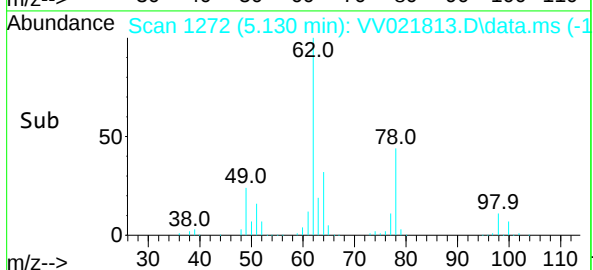
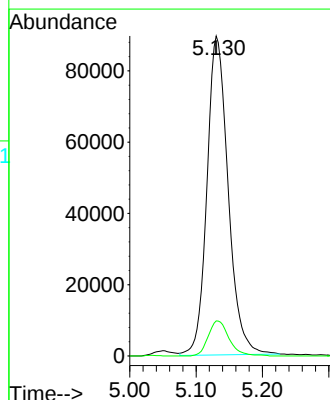
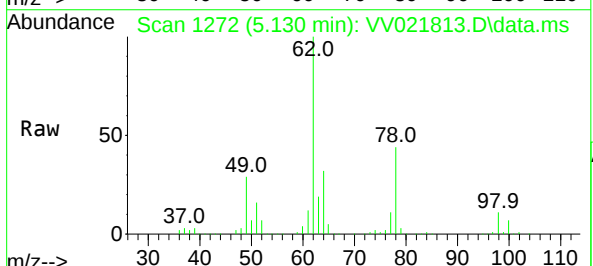
Acq: 17 Aug 2021 13:43

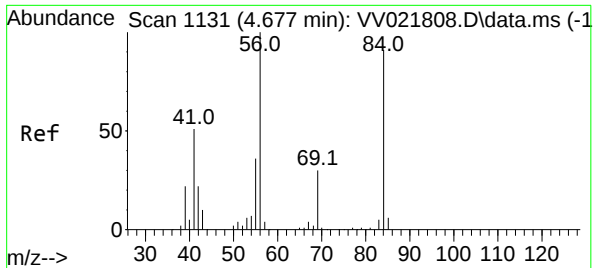
Tgt Ion: 62 Resp: 198979

Ion Ratio Lower Upper

62 100

98 10.9 8.6 13.0





#29

Cyclohexane

Concen: 46.181 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

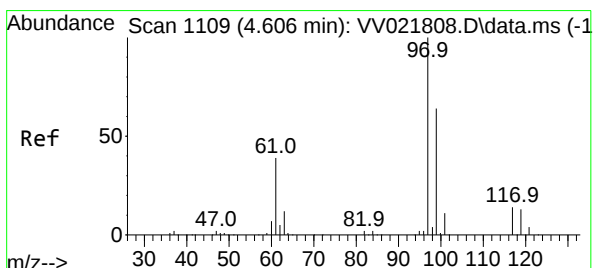
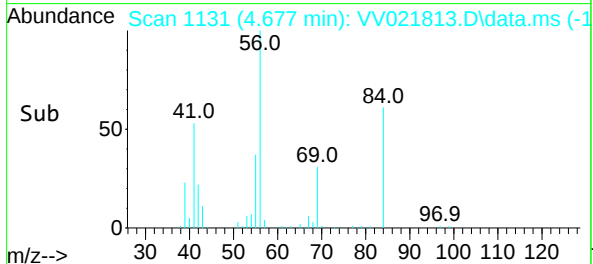
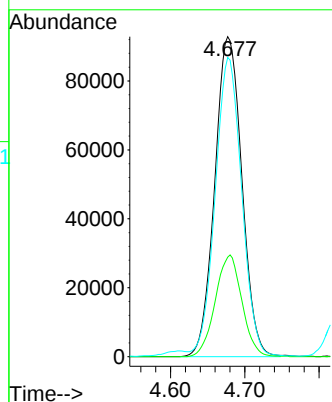
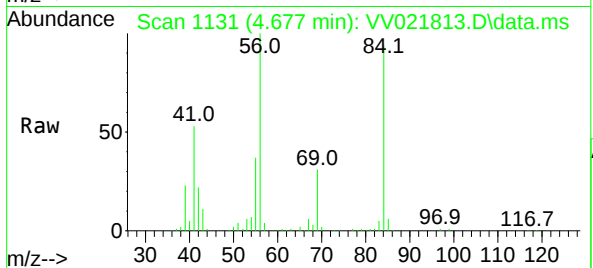
Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

Tgt Ion: 56 Resp: 235885

Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.9	37.3
84	90.9	72.6	109.0

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 47.273 ug/L

RT: 4.609 min Scan# 1110

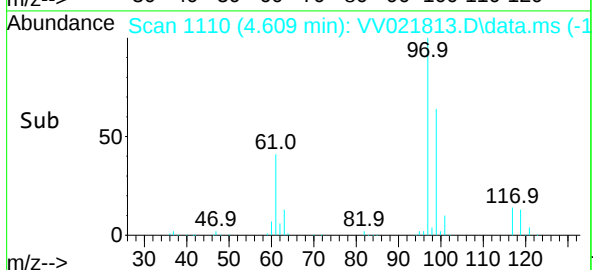
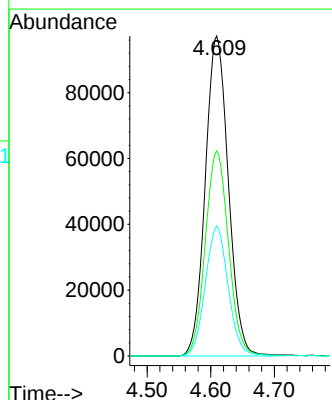
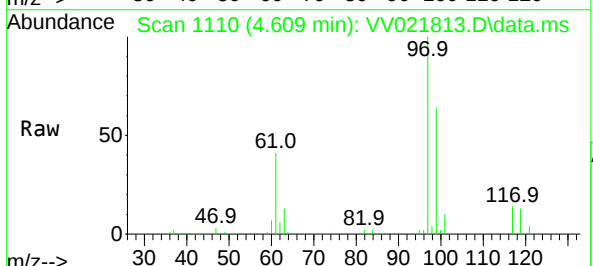
Delta R.T. 0.003 min

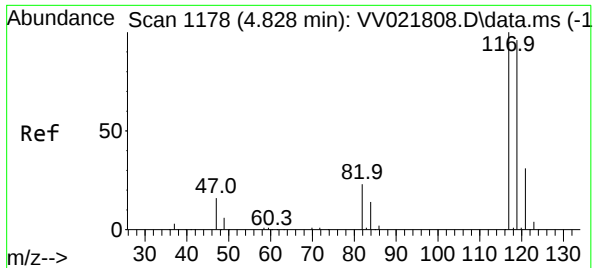
Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

Tgt Ion: 97 Resp: 245330

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	40.3	32.3	48.5

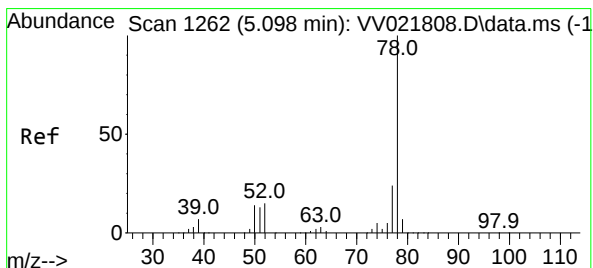
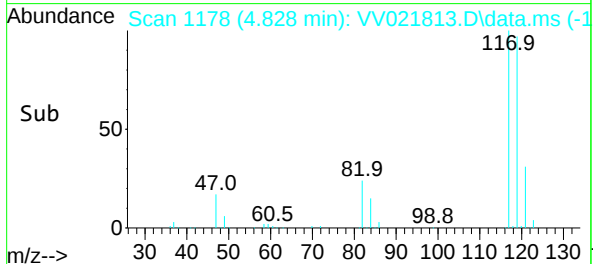
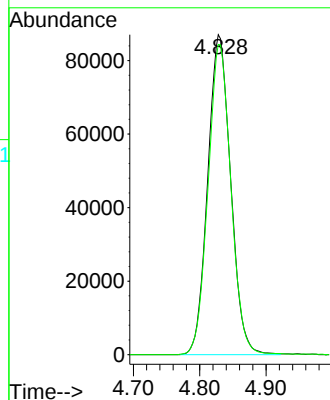
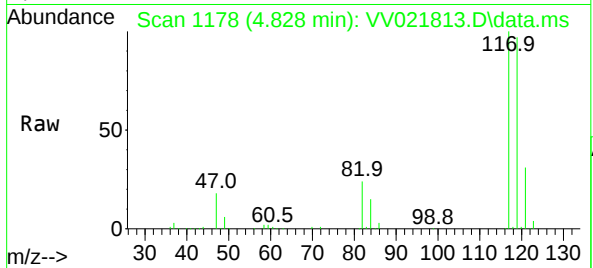




#31
Carbon tetrachloride
Concen: 46.560 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

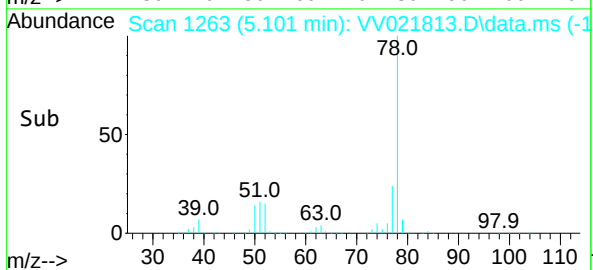
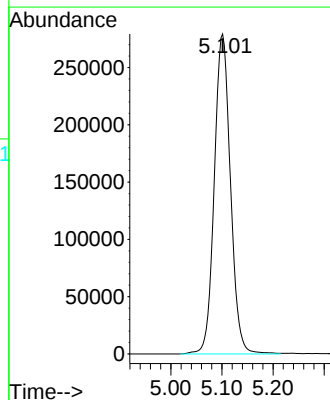
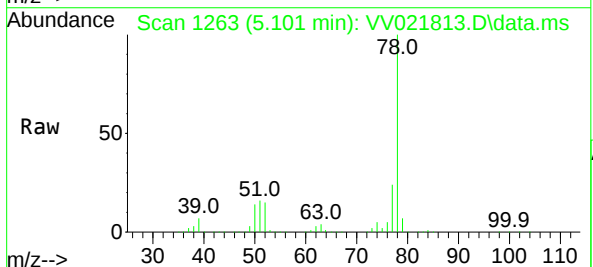
Instrument :
MSVOA_V
ClientSampled :

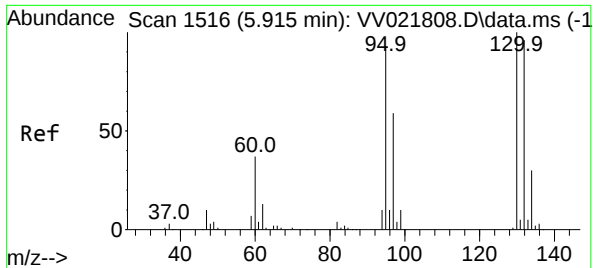
Tgt Ion:117 Resp: 209078
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 48.153 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 78 Resp: 614570

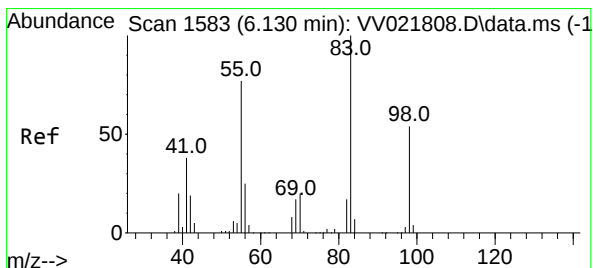
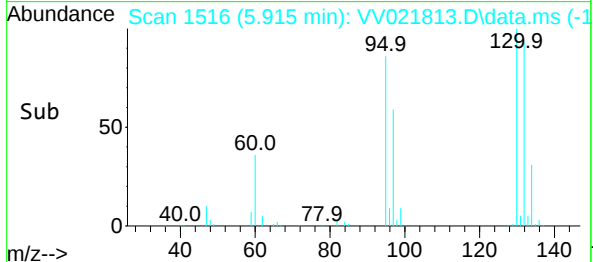
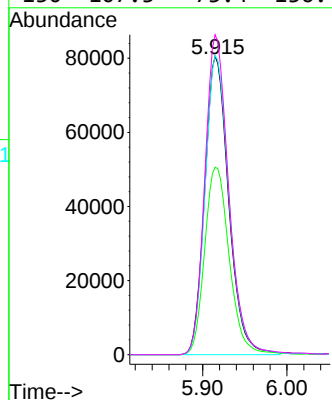
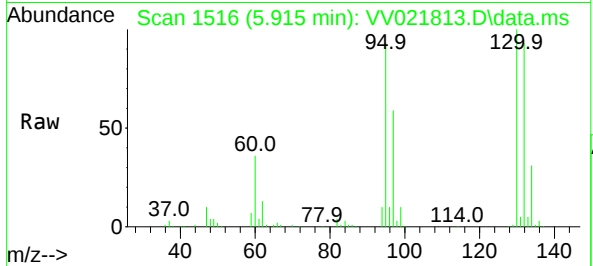




#34
Trichloroethene
Concen: 43.336 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

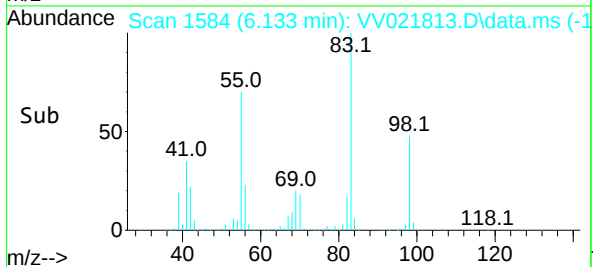
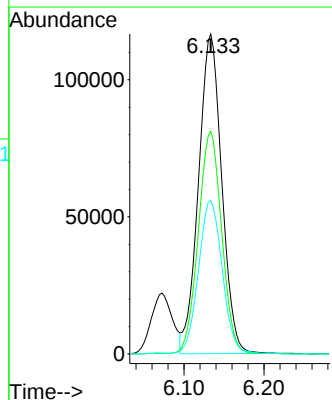
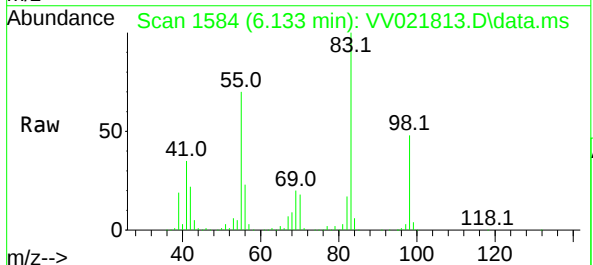
Instrument :
MSVOA_V
ClientSampleId :

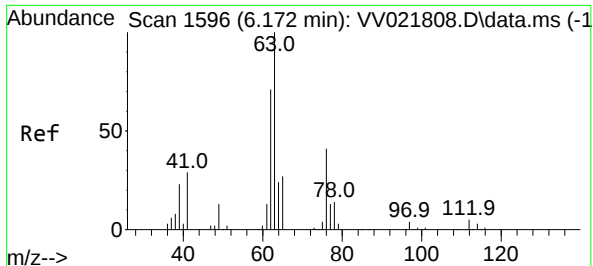
Tgt Ion: 95 Resp: 158939
Ion Ratio Lower Upper
95 100
97 62.9 44.1 81.9
132 100.2 70.2 130.4
130 107.3 73.4 136.4



#35
Methylcyclohexane
Concen: 44.047 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 83 Resp: 235684
Ion Ratio Lower Upper
83 100
55 70.2 57.9 86.9
98 49.3 39.9 59.9



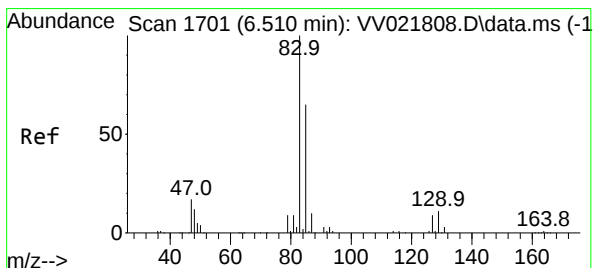
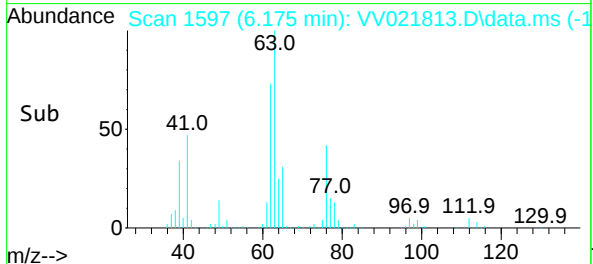
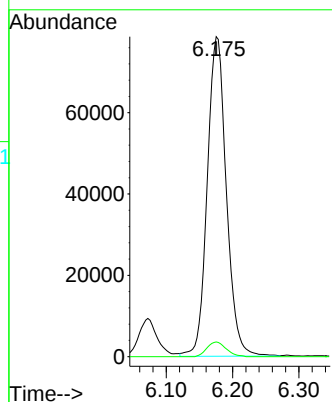
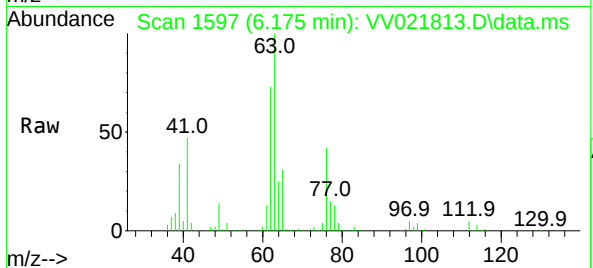


#37

1,2-Dichloropropane
Concen: 48.669 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :

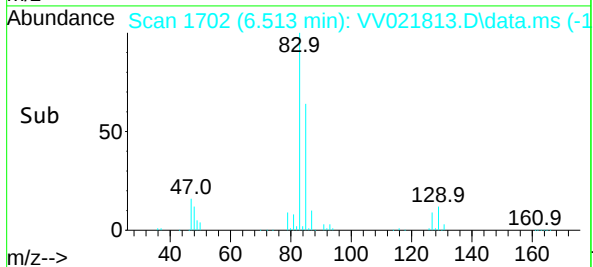
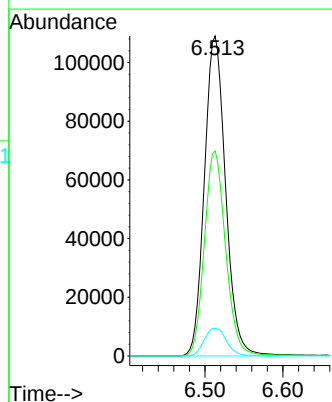
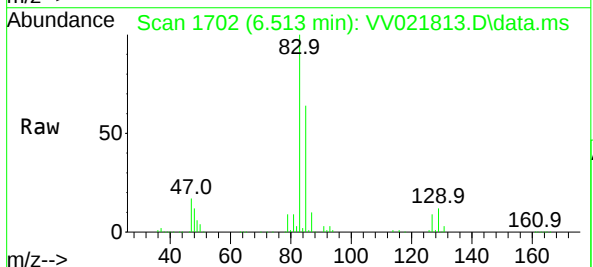
Tgt Ion: 63 Resp: 157281
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6

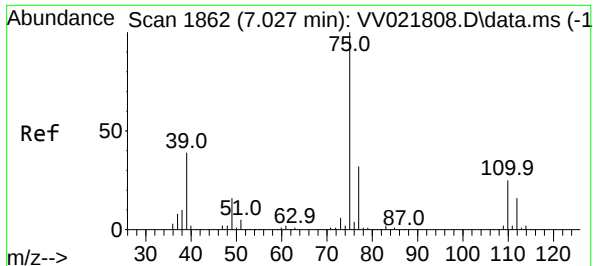


#38

Bromodichloromethane
Concen: 48.386 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 83 Resp: 206093
Ion Ratio Lower Upper
83 100
85 64.1 45.7 84.9
127 8.7 7.4 11.2



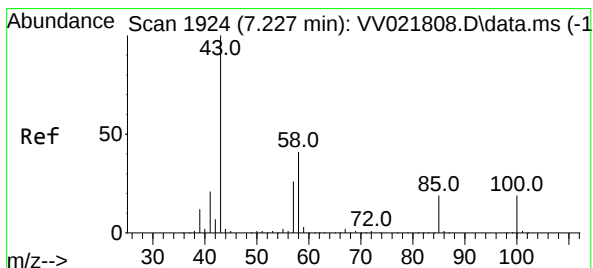
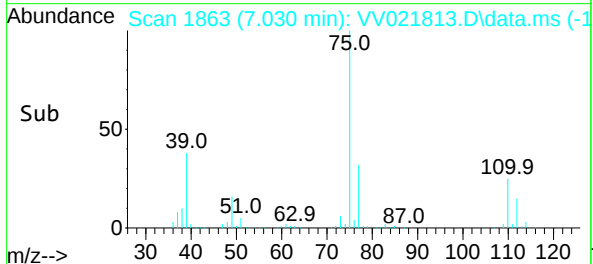
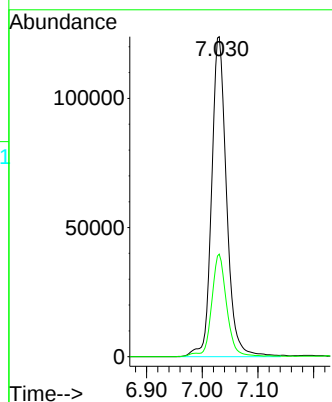
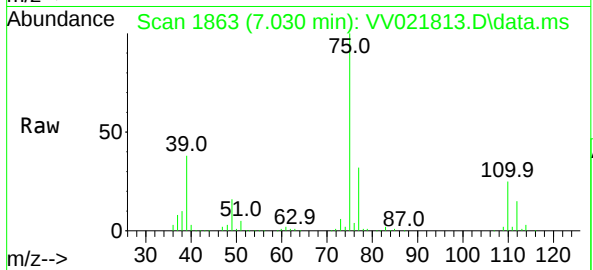


#39

cis-1,3-Dichloropropene
Concen: 45.243 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampled :

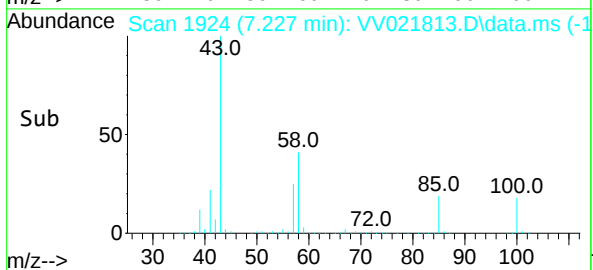
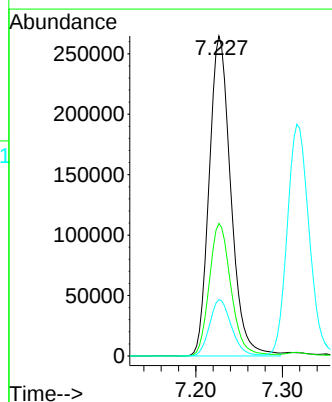
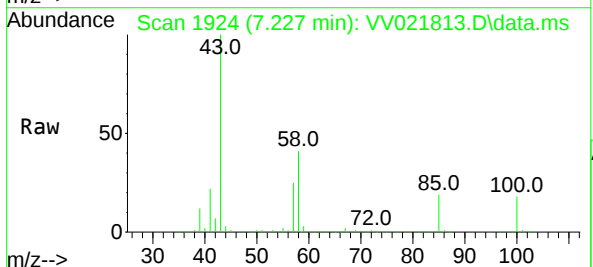
Tgt Ion: 75 Resp: 231521
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.9

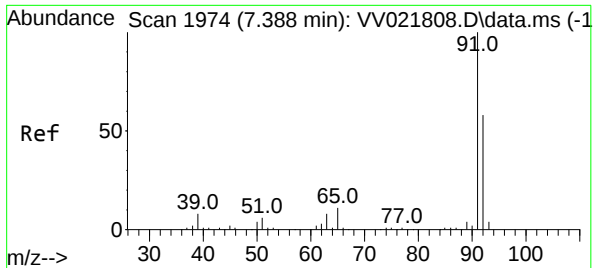


#40

4-Methyl-2-pentanone
Concen: 103.388 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 43 Resp: 459600
Ion Ratio Lower Upper
43 100
58 41.6 32.9 49.3
100 17.8 14.0 21.0

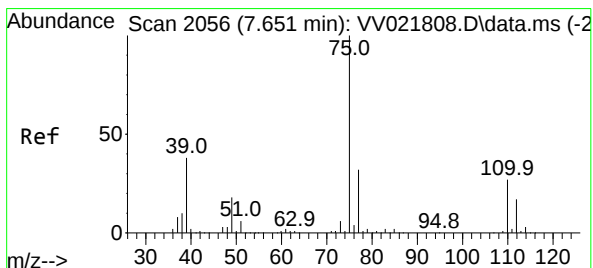
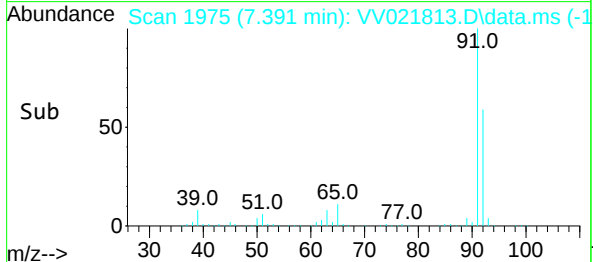
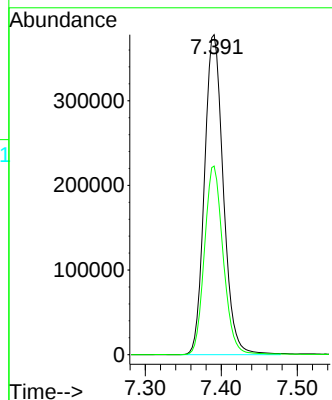
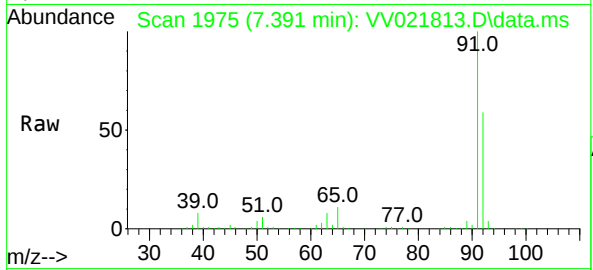




#42
Toluene
Concen: 47.774 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

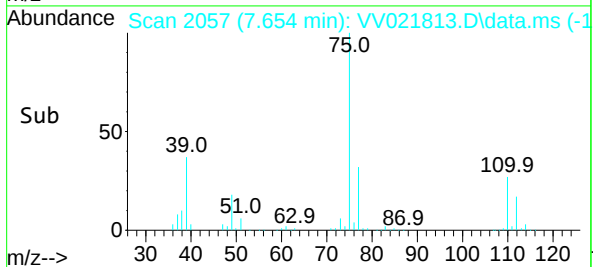
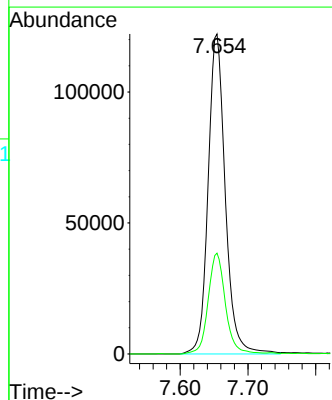
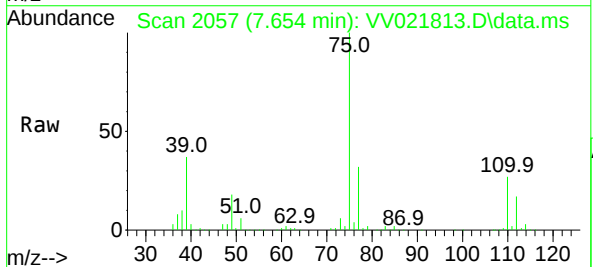
Instrument :
MSVOA_V
ClientSampled :

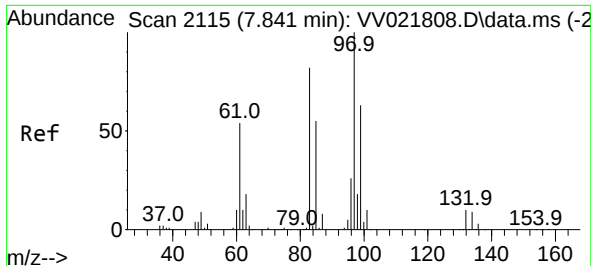
Tgt Ion: 91 Resp: 651210
Ion Ratio Lower Upper
91 100
92 59.0 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 44.553 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 75 Resp: 214856
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2





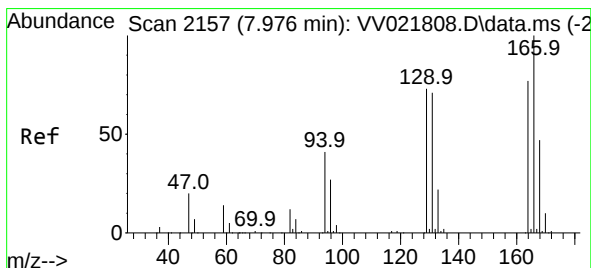
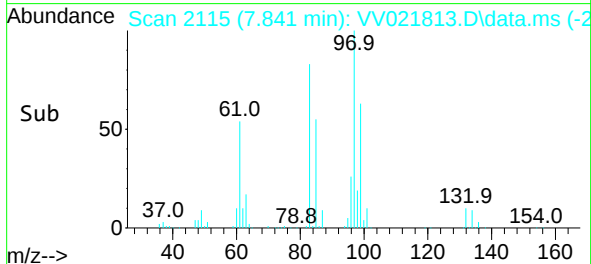
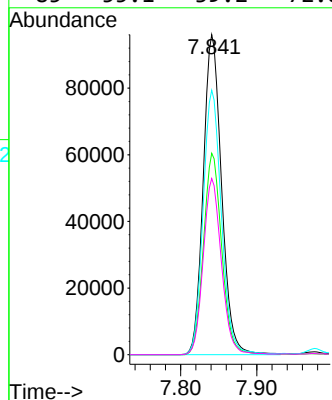
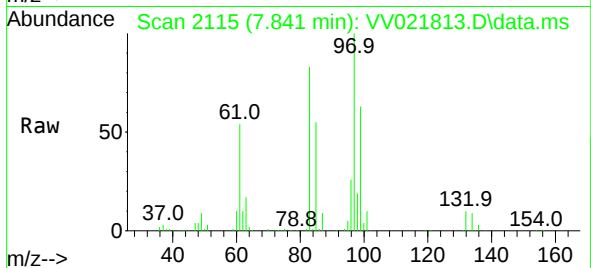
#45

1,1,2-Trichloroethane
Concen: 49.756 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 161079

Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.2	82.0
83	82.6	59.2	110.0
85	55.1	39.2	72.8

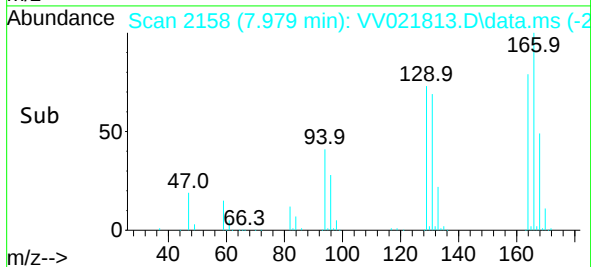
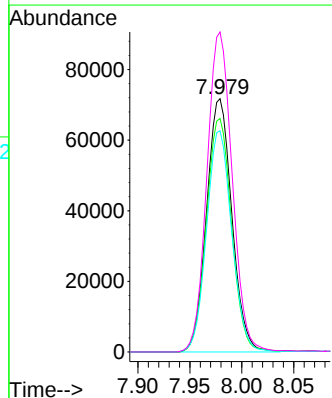
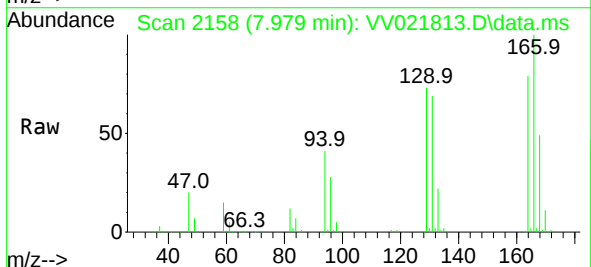


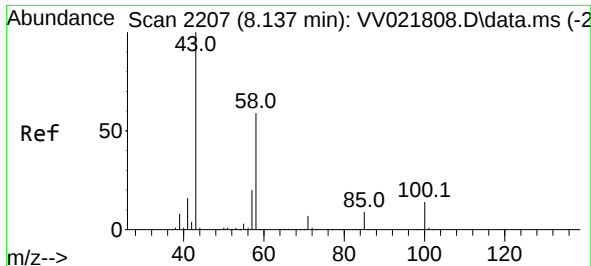
#46

Tetrachloroethene
Concen: 44.679 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 164 Resp: 121780

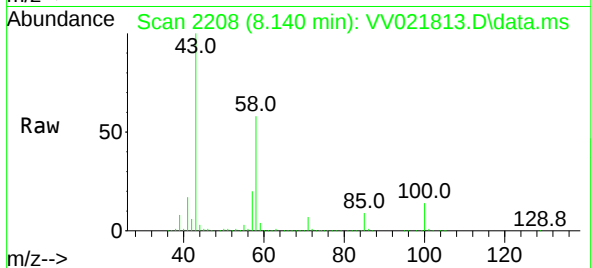
Ion	Ratio	Lower	Upper
164	100		
129	92.1	63.7	118.3
131	87.3	61.5	114.3
166	126.3	88.6	164.6



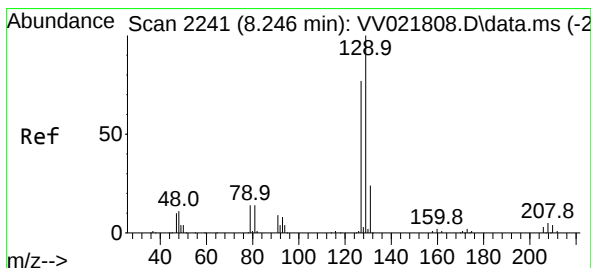
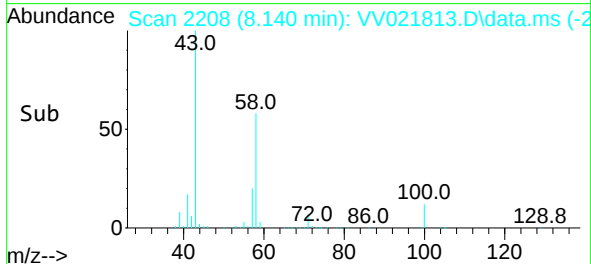
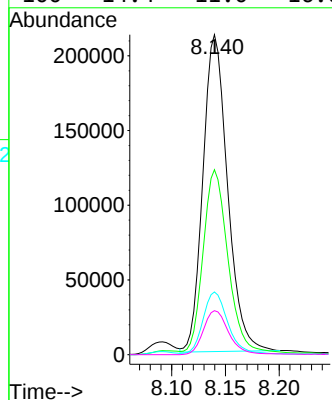


#48
2-Hexanone
Concen: 98.282 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :

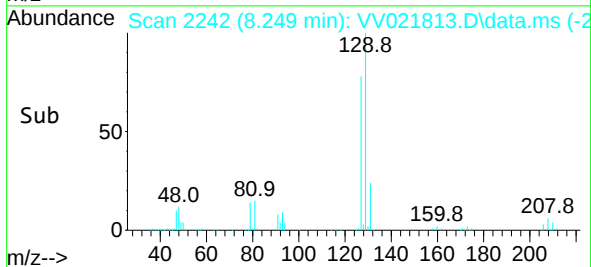
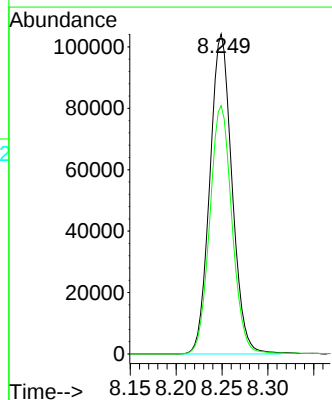
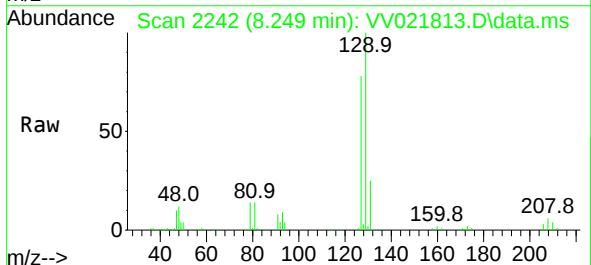


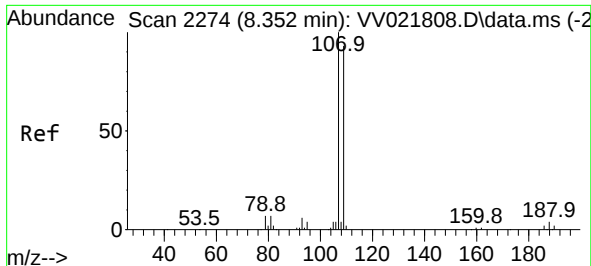
Tgt Ion: 43 Resp: 338428
Ion Ratio Lower Upper
43 100
58 59.0 45.4 68.2
57 19.5 15.3 22.9
100 14.4 11.0 16.6



#49
Dibromochloromethane
Concen: 49.067 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 129 Resp: 175383
Ion Ratio Lower Upper
129 100
127 77.6 54.9 101.9





#50

1,2-Dibromoethane

Concen: 49.694 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

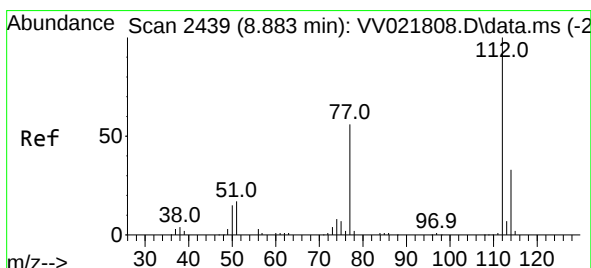
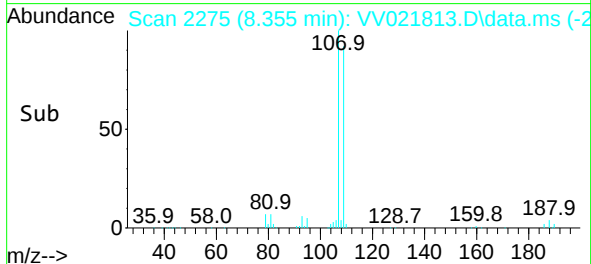
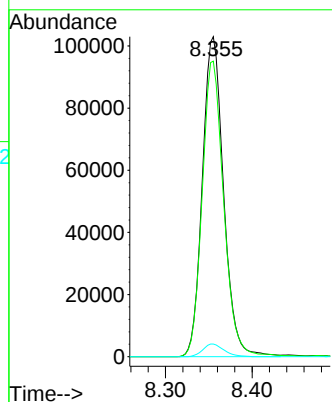
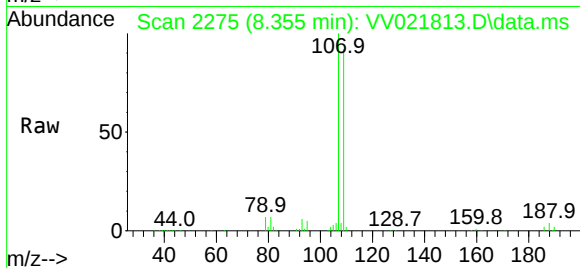
Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 175072

Ion	Ratio	Lower	Upper
107	100		
109	92.4	66.3	123.1
188	4.0	3.0	4.4



#51

Chlorobenzene

Concen: 47.865 ug/L

RT: 8.883 min Scan# 2439

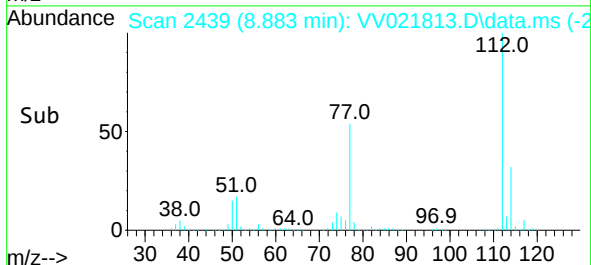
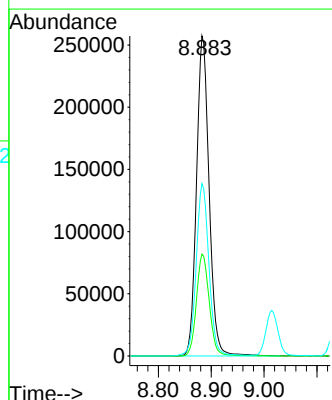
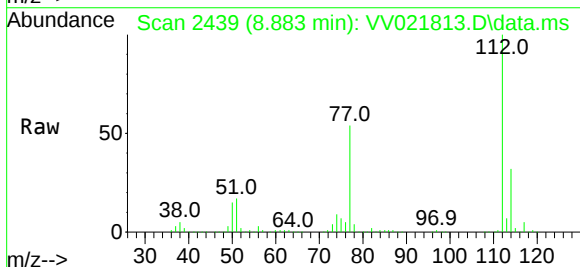
Delta R.T. -0.000 min

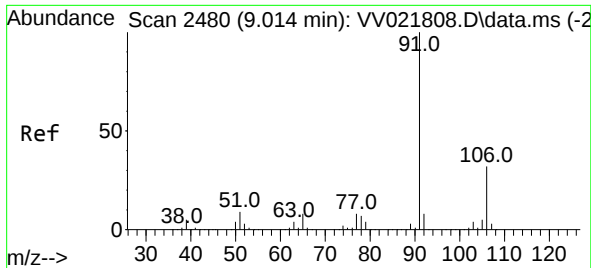
Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

Tgt Ion:112 Resp: 425994

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.2	41.2
77	53.9	43.7	65.5

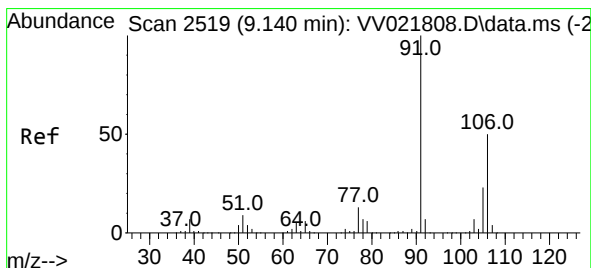
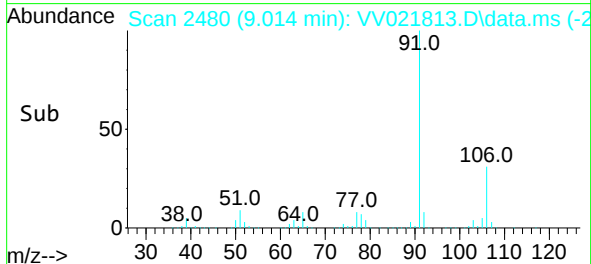
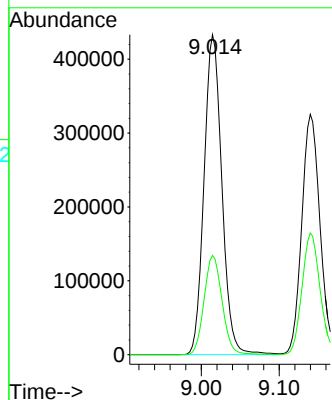
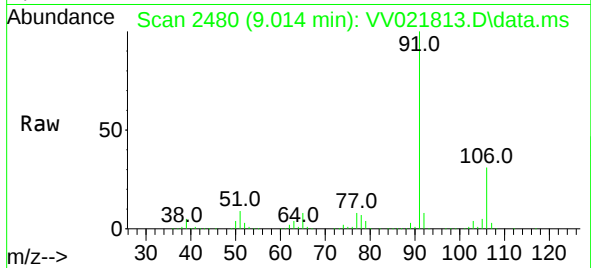




#52
Ethylbenzene
Concen: 47.319 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

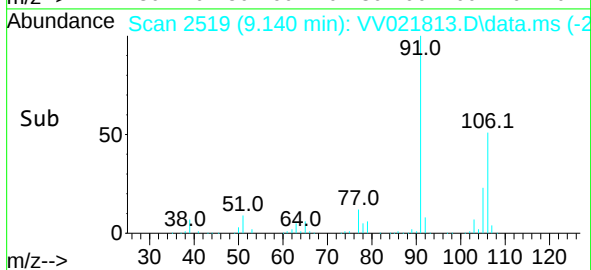
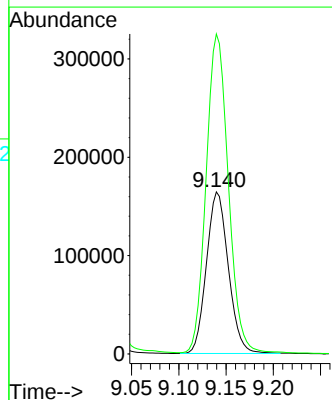
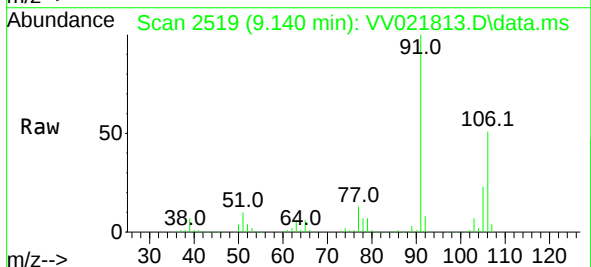
Instrument :
MSVOA_V
ClientSampleId :

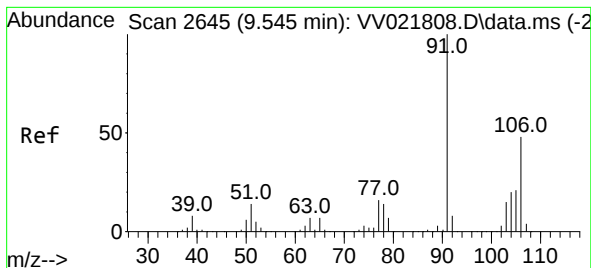
Tgt Ion: 91 Resp: 688122
Ion Ratio Lower Upper
91 100
106 31.1 22.2 41.2



#53
m,p-Xylene
Concen: 46.972 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 106 Resp: 264733
Ion Ratio Lower Upper
106 100
91 197.4 139.2 258.6





#54

o-Xylene

Concen: 49.136 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. -0.000 min

Lab File: VV021813.D

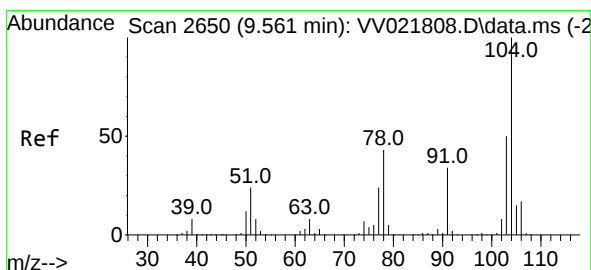
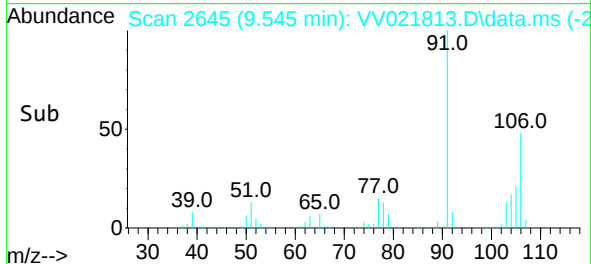
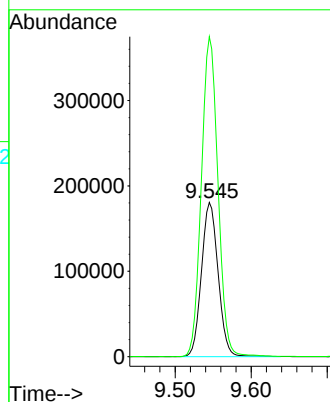
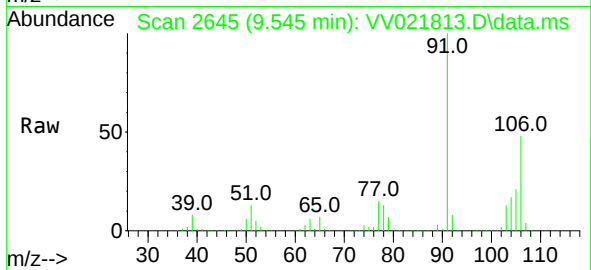
Acq: 17 Aug 2021 13:43

Tgt Ion:106 Resp: 274506

Ion Ratio Lower Upper

106 100

91 207.5 148.1 275.0



#55

Styrene

Concen: 48.791 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. -0.000 min

Lab File: VV021813.D

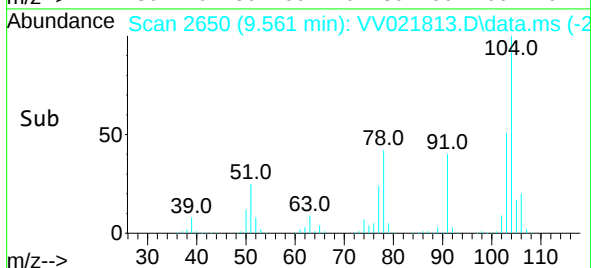
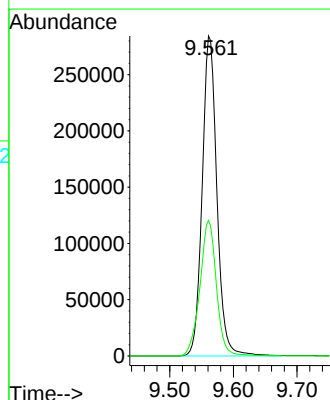
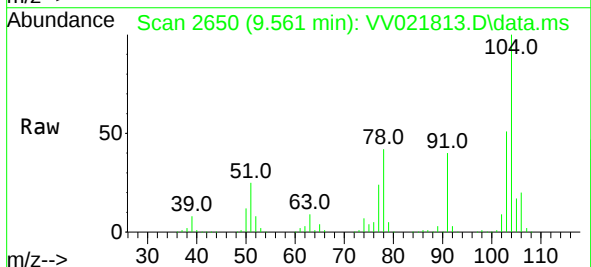
Acq: 17 Aug 2021 13:43

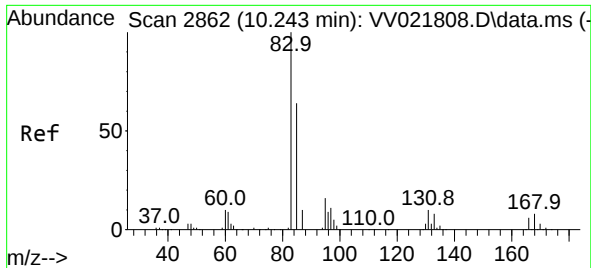
Tgt Ion:104 Resp: 456450

Ion Ratio Lower Upper

104 100

78 42.4 30.2 56.2

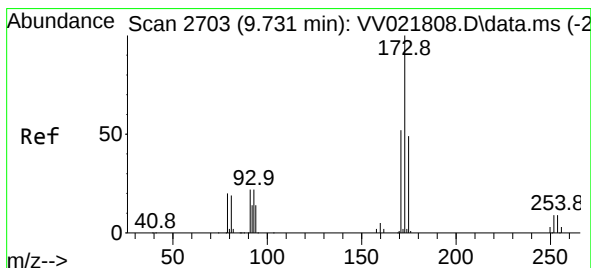
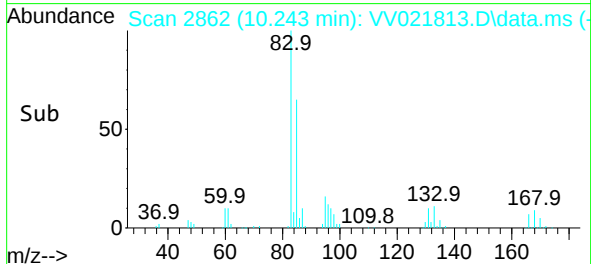
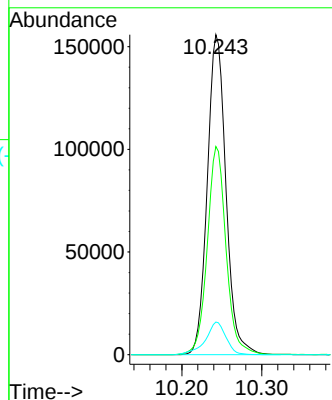
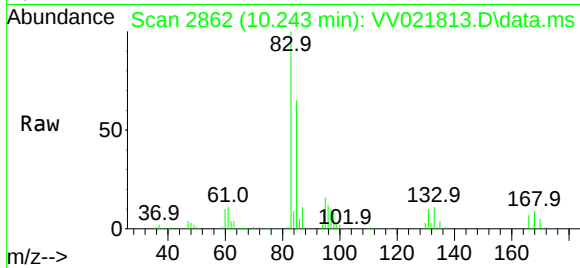




#57
1,1,2,2-Tetrachloroethane
Concen: 56.162 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

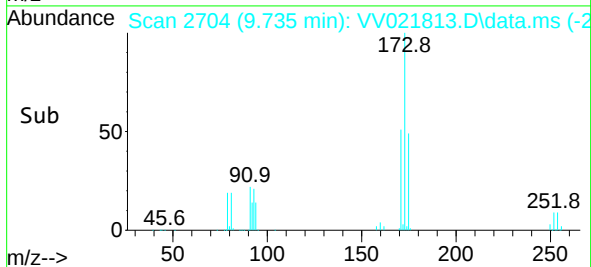
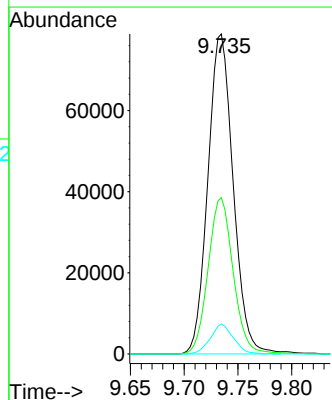
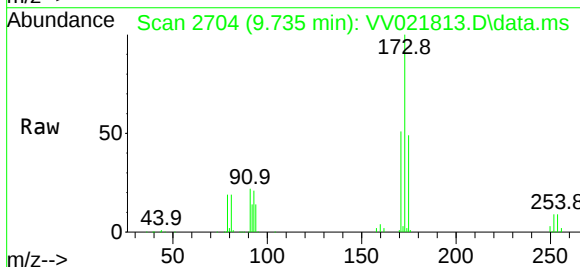
Instrument :
MSVOA_V
ClientSampleId :

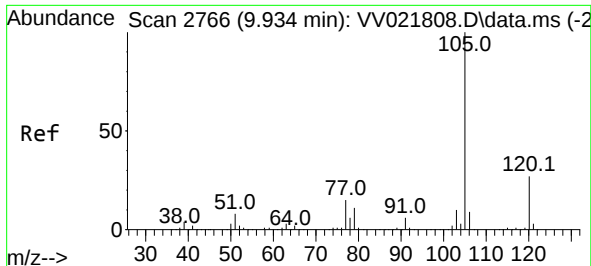
Tgt Ion: 83 Resp: 253110
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.5
131 10.2 7.9 11.9



#59
Bromoform
Concen: 50.920 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 173 Resp: 128920
Ion Ratio Lower Upper
173 100
175 48.4 38.6 58.0
254 8.5 7.2 10.8

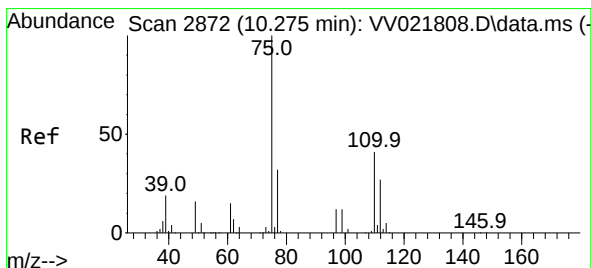
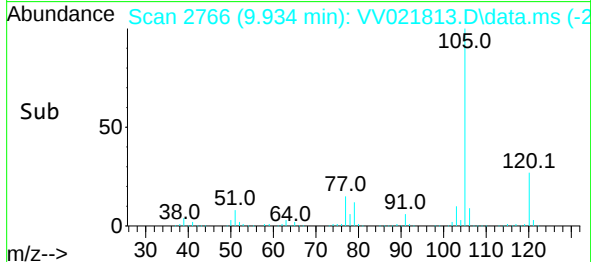
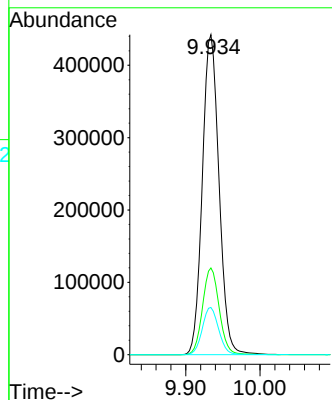
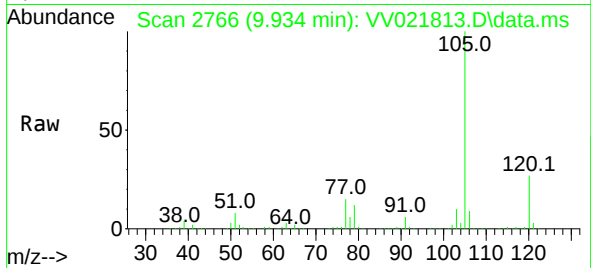




#60
Isopropylbenzene
Concen: 48.347 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

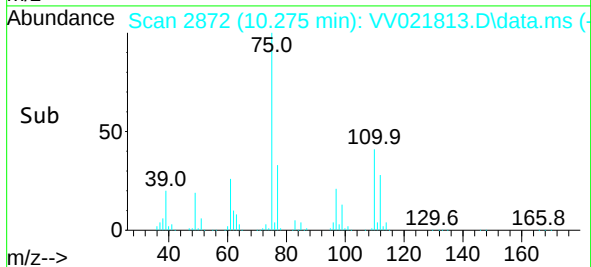
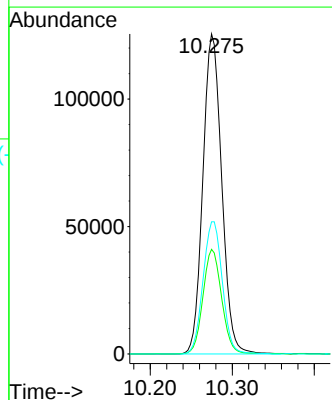
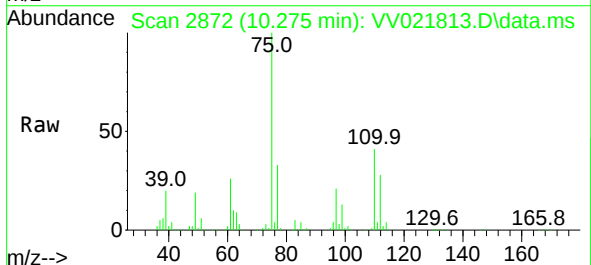
Instrument :
MSVOA_V
ClientSampleId :

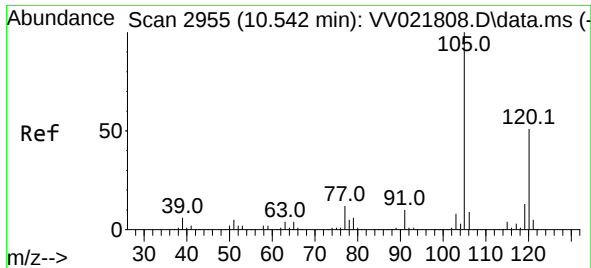
Tgt Ion:105 Resp: 690348
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 50.817 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 75 Resp: 200012
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 42.3 33.4 50.2

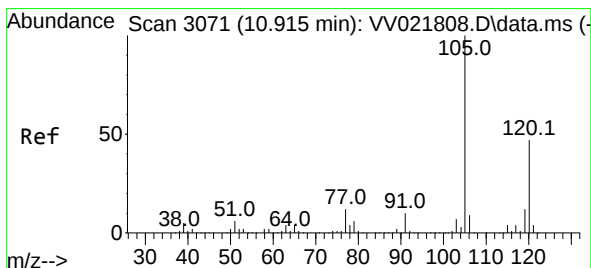
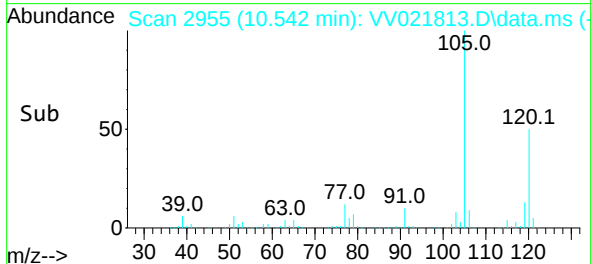
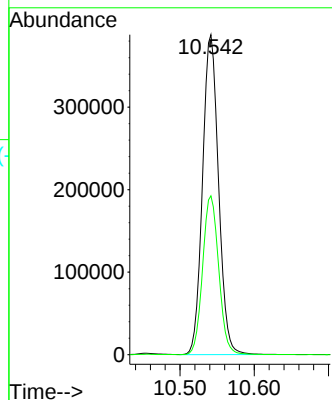
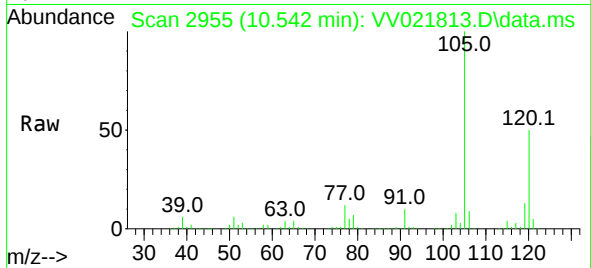




#62
1,3,5-Trimethylbenzene
Concen: 48.428 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

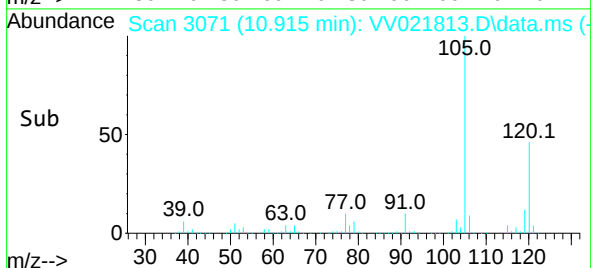
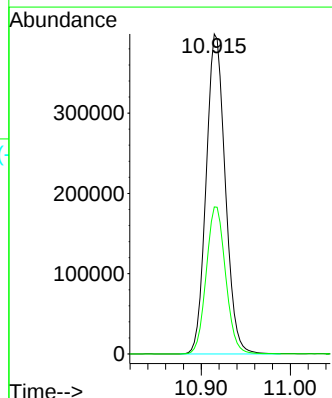
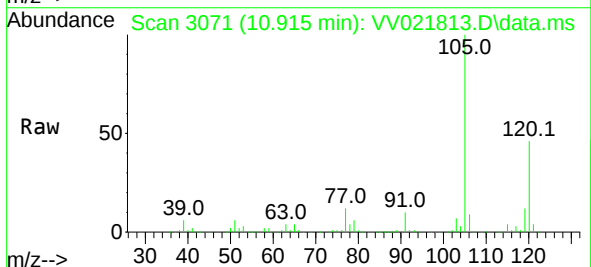
Instrument :
MSVOA_V
ClientSampleId :

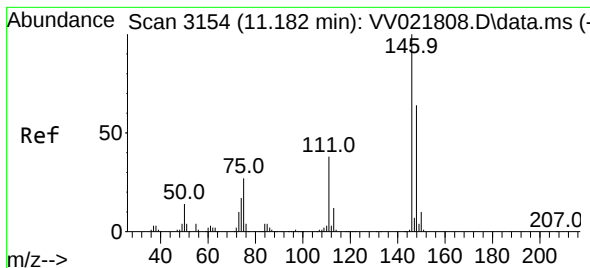
Tgt Ion:105 Resp: 580293
Ion Ratio Lower Upper
105 100
120 50.0 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 48.632 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:105 Resp: 592502
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 47.359 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

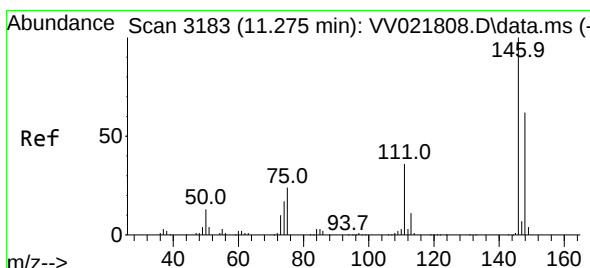
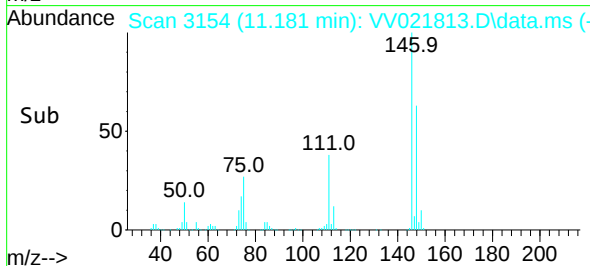
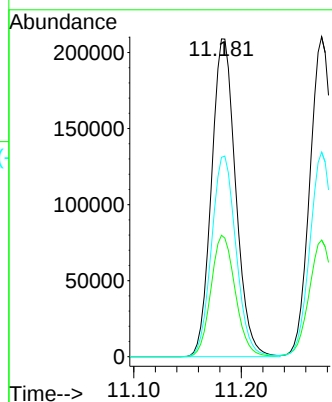
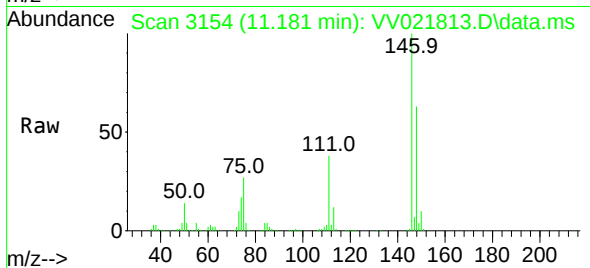
Tgt Ion:146 Resp: 327477

Ion Ratio Lower Upper

146 100

111 38.2 26.5 49.1

148 62.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 46.962 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

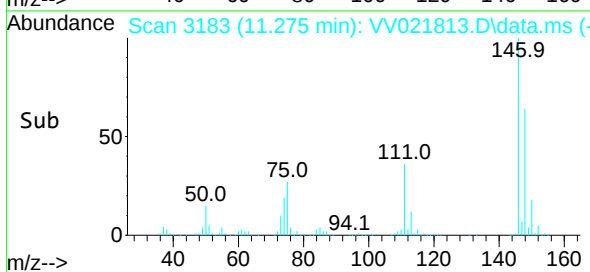
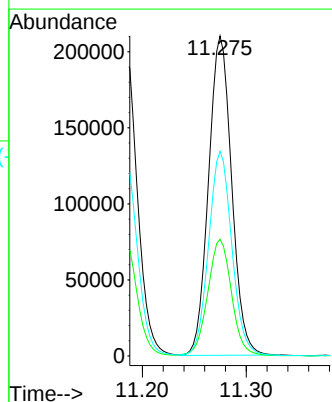
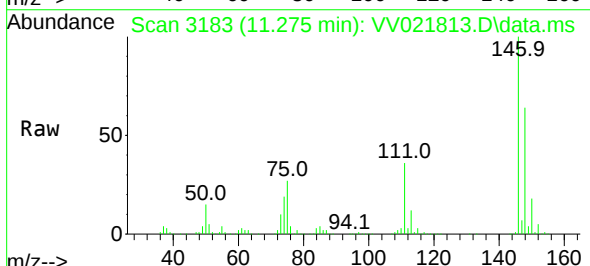
Tgt Ion:146 Resp: 324142

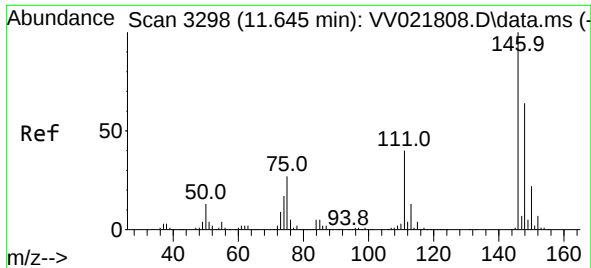
Ion Ratio Lower Upper

146 100

111 36.5 26.2 48.6

148 63.9 45.1 83.9

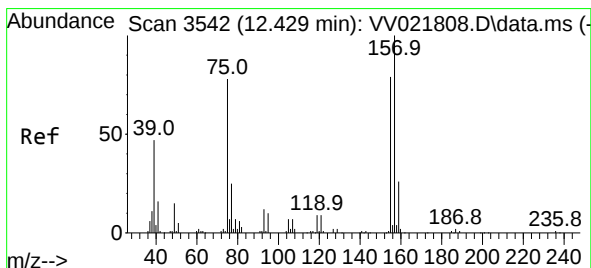
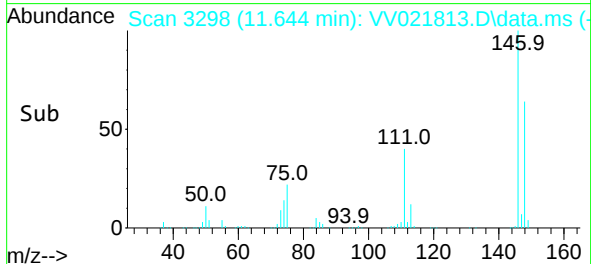
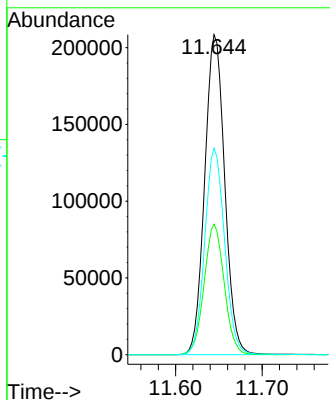
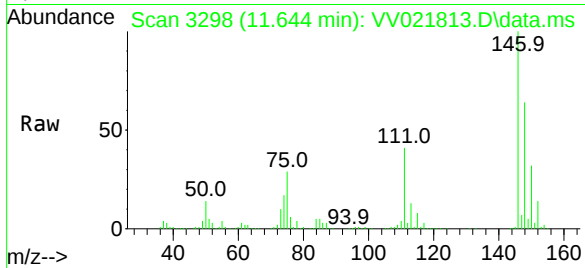




#67
1,2-Dichlorobenzene
Concen: 48.038 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

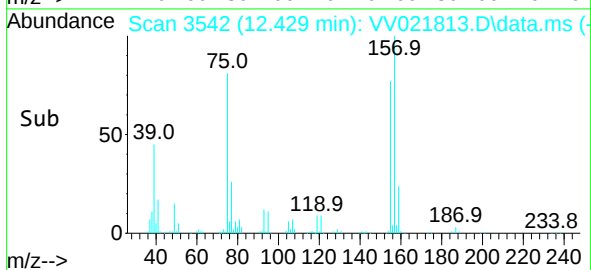
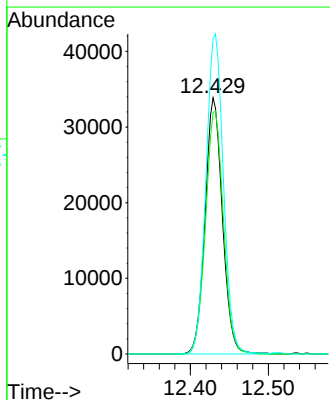
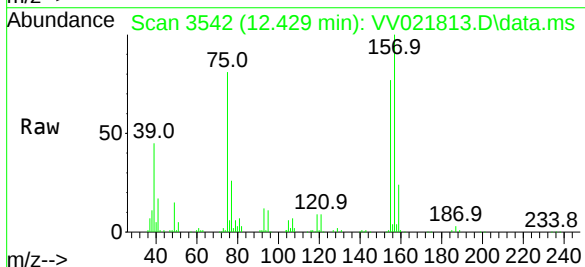
Instrument :
MSVOA_V
ClientSampled :

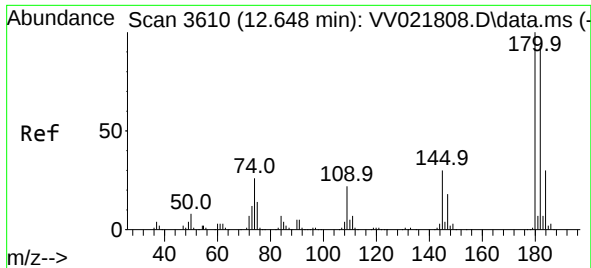
Tgt Ion:146 Resp: 335096
Ion Ratio Lower Upper
146 100
111 40.7 31.8 47.8
148 64.5 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 54.810 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 75 Resp: 52450
Ion Ratio Lower Upper
75 100
155 94.3 77.8 116.8
157 123.2 99.4 149.0

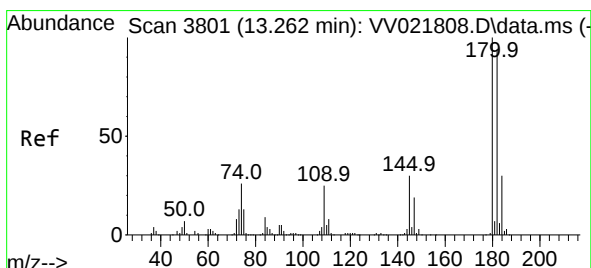
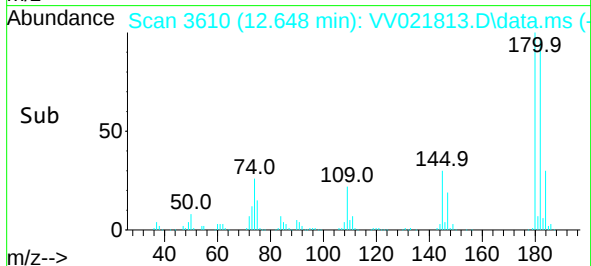
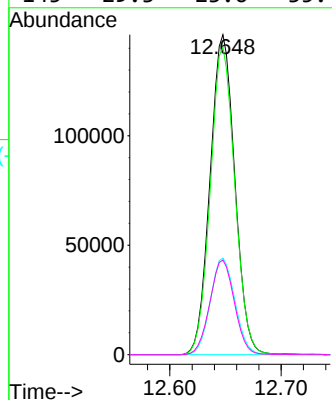
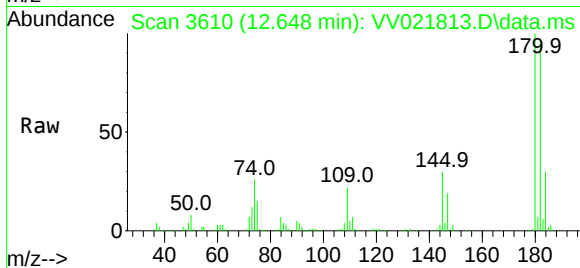




#69
1,3,5-Trichlorobenzene
Concen: 44.950 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

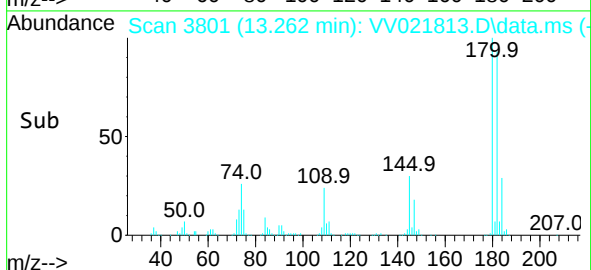
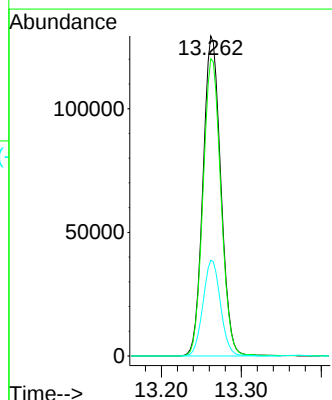
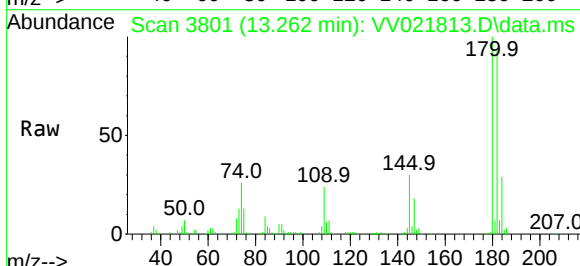
Instrument :
MSVOA_V
ClientSampled :

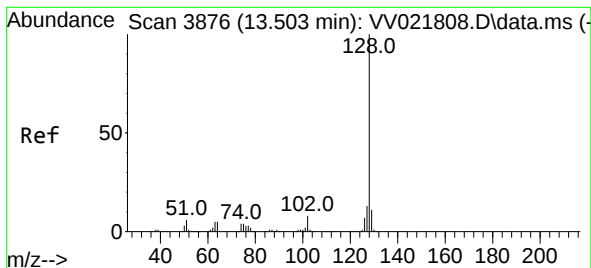
Tgt Ion:180 Resp: 225306
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
184 30.1 24.1 36.1
145 29.3 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 47.684 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:180 Resp: 200455
Ion Ratio Lower Upper
180 100
182 93.2 75.8 113.6
145 29.5 23.9 35.9

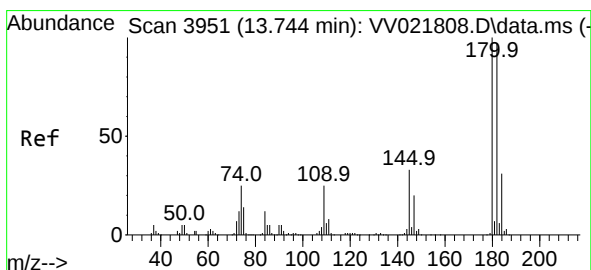
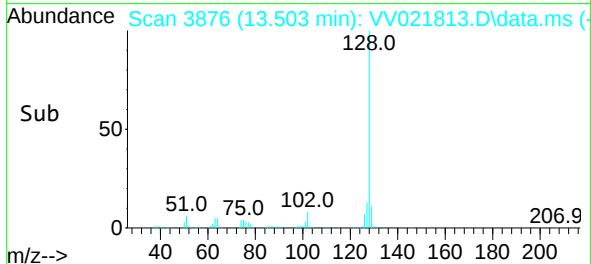
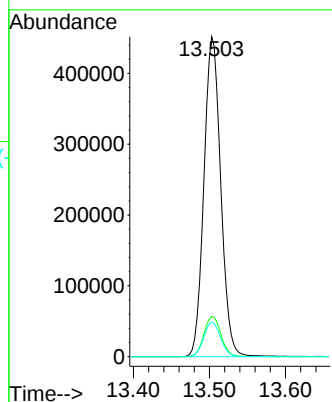
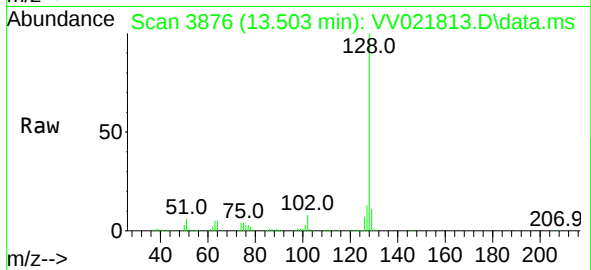




#71
Naphthalene
Concen: 56.912 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 694955
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 48.969 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:180 Resp: 206799
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 33.2 25.6 38.4

