

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091621\
 Data File : VW022169.D
 Acq On : 16 Sep 2021 20:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 01:58:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 17 01:54:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	301632	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	292360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	158501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92661	44.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.720%
7) Chloroethane-d5	1.558	69	81525	49.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.960%
11) 1,1-Dichloroethene-d2	2.105	63	178952	51.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.600%
21) 2-Butanone-d5	3.876	46	168555	117.660	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.660%
24) Chloroform-d	4.349	84	204769	53.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.520%
26) 1,2-Dichloroethane-d4	5.034	65	121711	54.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.500%
32) Benzene-d6	5.050	84	408397	51.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.072	67	125705	50.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.820%
41) Toluene-d8	7.317	98	379986	50.763	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	7.625	79	56808	47.860	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
47) 2-Hexanone-d5	8.088	63	111926	116.971	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.970%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	181187	56.729	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.460%
66) 1,2-Dichlorobenzene-d4	11.625	152	154749	49.664	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	77896	37.570	ug/L	99
3) Chloromethane	1.240	50	88816	40.454	ug/L	97
5) Vinyl chloride	1.310	62	93937	42.451	ug/L	100
6) Bromomethane	1.507	94	62485	46.966	ug/L	97
8) Chloroethane	1.577	64	65196	47.097	ug/L	99
9) Trichlorofluoromethane	1.748	101	153186	48.612	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	91614	49.567	ug/L	99
12) 1,1-Dichloroethene	2.114	96	85669	49.239	ug/L	94
13) Acetone	2.426	43	111387	92.799	ug/L	100
14) Carbon disulfide	2.291	76	205684	39.179	ug/L	99
15) Methyl Acetate	2.426	43	124723	53.358	ug/L	99
16) Methylene chloride	2.503	84	120285	51.601	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	96996	46.108	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	339773	50.827	ug/L	99
19) 1,1-Dichloroethane	3.188	63	192725	51.438	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	113726	48.572	ug/L	95
22) 2-Butanone	3.957	43	172587	102.291	ug/L	98
23) Bromochloromethane	4.249	128	62346	50.000	ug/L	98
25) Chloroform	4.375	83	201636	50.838	ug/L	99

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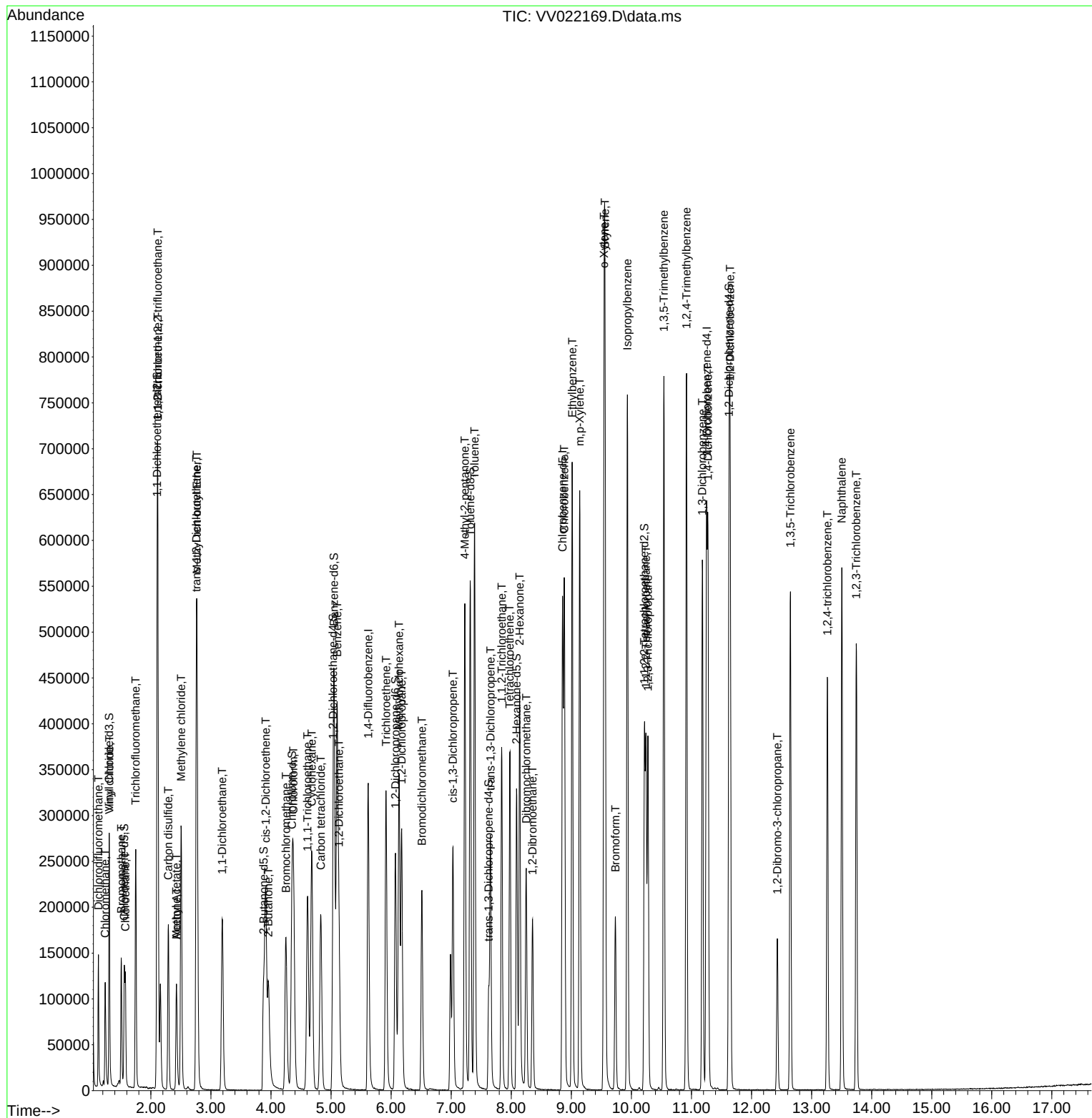
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	145325	54.661	ug/L	99
29) Cyclohexane	4.677	56	144356	44.170	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	172861	49.748	ug/L	99
31) Carbon tetrachloride	4.828	117	146162	48.961	ug/L	98
33) Benzene	5.101	78	426130	50.098	ug/L	100
34) Trichloroethene	5.915	95	112575	46.723	ug/L	98
35) Methylcyclohexane	6.133	83	148277	42.097	ug/L	98
37) 1,2-Dichloropropane	6.175	63	111836	50.721	ug/L	98
38) Bromodichloromethane	6.513	83	145436	51.578	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	158758	46.636	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	344448	115.231	ug/L	98
42) Toluene	7.391	91	461362	50.255	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	157273	49.639	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	117323	52.295	ug/L	100
46) Tetrachloroethene	7.976	164	85816	45.806	ug/L	96
48) 2-Hexanone	8.140	43	263851	113.763	ug/L	97
49) Dibromochloromethane	8.249	129	124993	52.049	ug/L	97
50) 1,2-Dibromoethane	8.355	107	121737	50.560	ug/L	98
51) Chlorobenzene	8.882	112	302135	48.950	ug/L	99
52) Ethylbenzene	9.014	91	483527	48.655	ug/L	99
53) m,p-Xylene	9.140	106	187534	48.550	ug/L	99
54) o-Xylene	9.545	106	187423	49.039	ug/L	98
55) Styrene	9.561	104	331323	50.797	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	184607	56.793	ug/L	99
59) Bromoform	9.735	173	86010	51.092	ug/L	100
60) Isopropylbenzene	9.934	105	495166	49.718	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	152178	55.397	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	409455	48.970	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	422454	49.708	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	242331	47.923	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	243222	47.005	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	251561	50.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	37000	55.886	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	168270	44.503	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	140060	42.108	ug/L	100
71) Naphthalene	13.503	128	443298	46.331	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	150144	46.280	ug/L	99

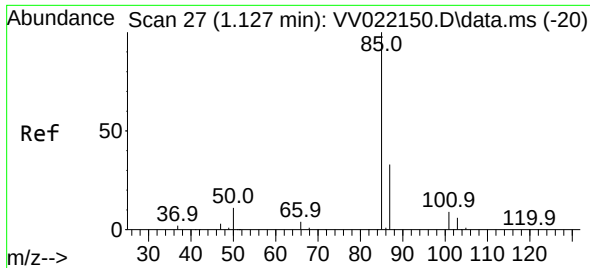
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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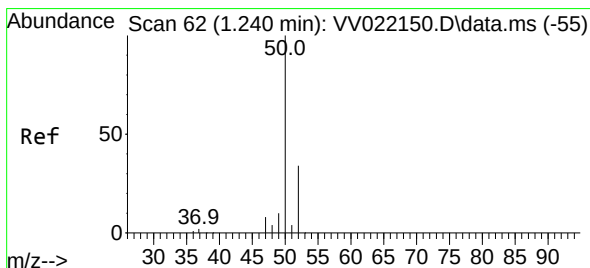
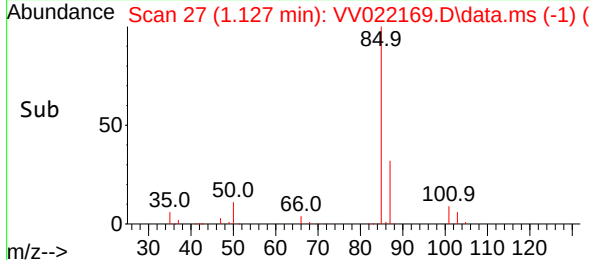
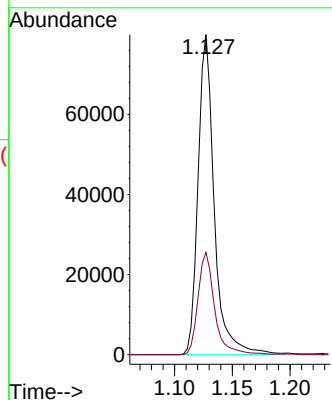
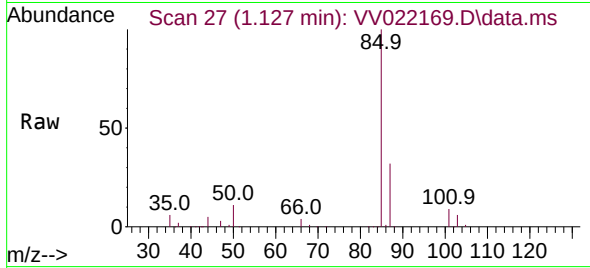




#2
 Dichlorodifluoromethane
 Concen: 37.570 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022169.D
 Acq: 16 Sep 2021 20:33

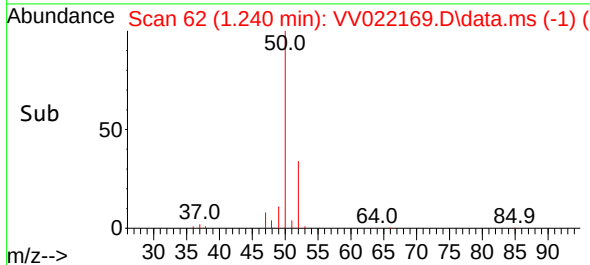
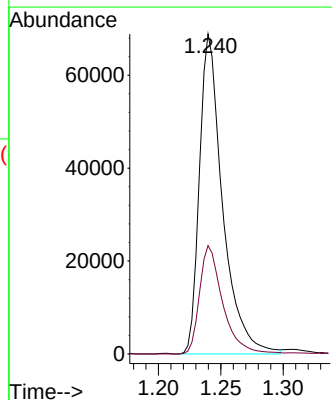
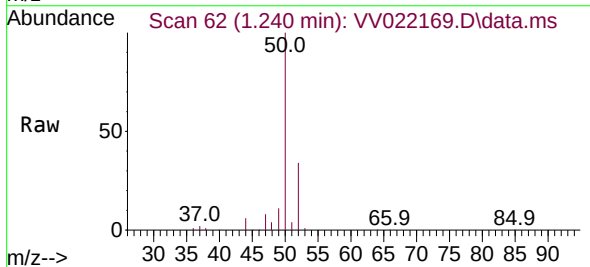
Instrument :
 MSVOA_V
 ClientSampled :

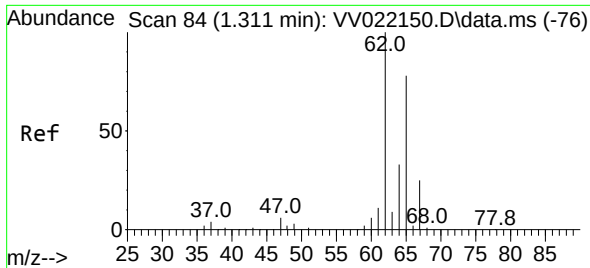
Tgt Ion: 85 Resp: 77896
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 40.454 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022169.D
 Acq: 16 Sep 2021 20:33

Tgt Ion: 50 Resp: 88816
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.5 41.9

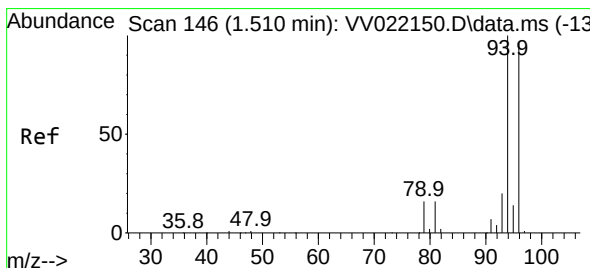
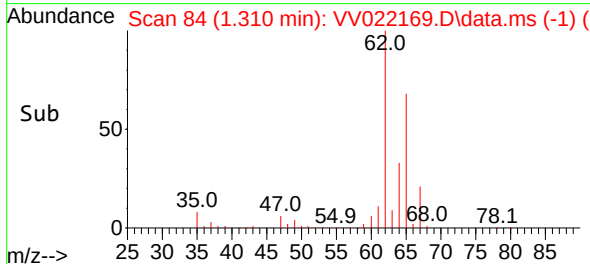
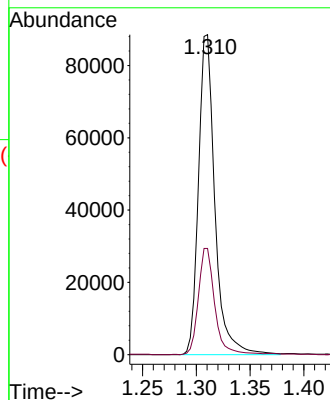
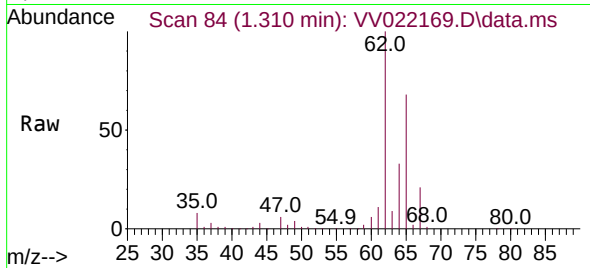




#5
 Vinyl chloride
 Concen: 42.451 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022169.D
 Acq: 16 Sep 2021 20:33

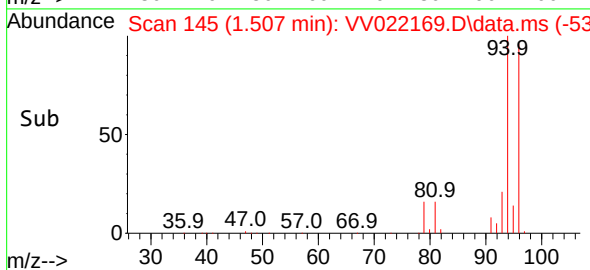
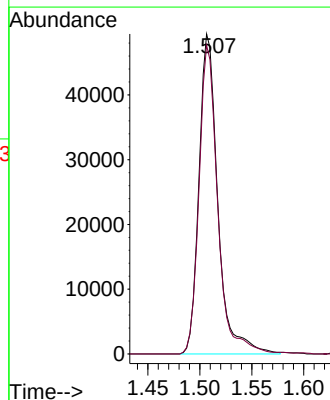
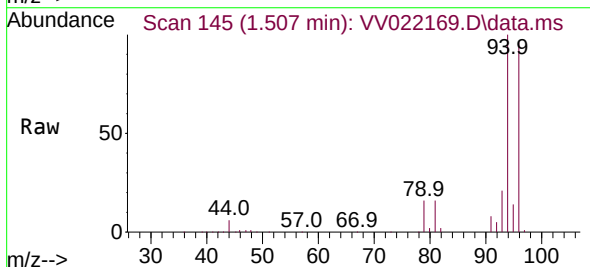
Instrument :
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 ClientSampled :

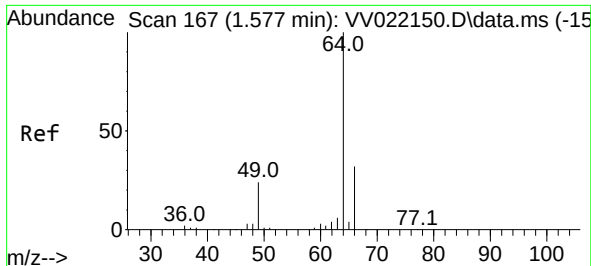
Tgt Ion: 62 Resp: 93937
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.6



#6
 Bromomethane
 Concen: 46.966 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.003 min
 Lab File: VV022169.D
 Acq: 16 Sep 2021 20:33

Tgt Ion: 94 Resp: 62485
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.8 122.2

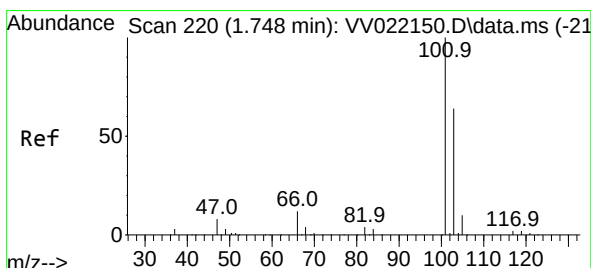
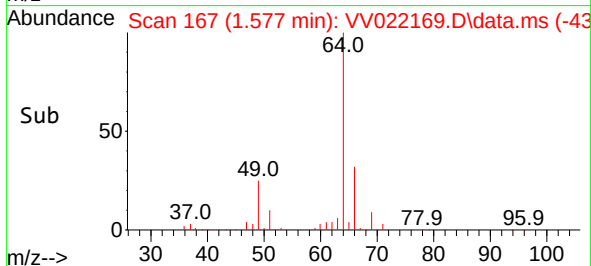
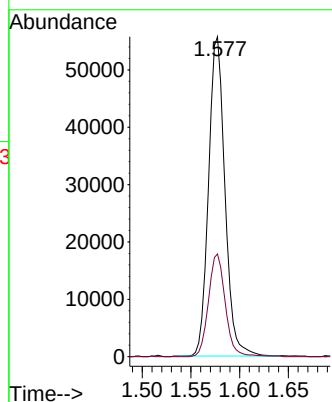
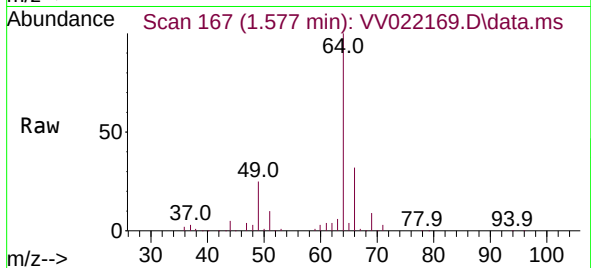




#8
Chloroethane
Concen: 47.097 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

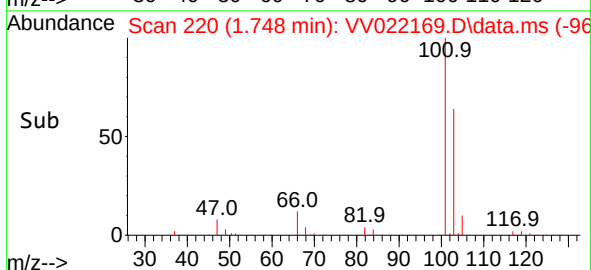
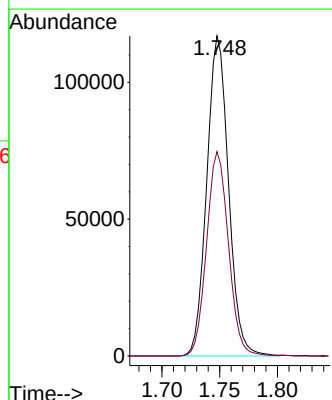
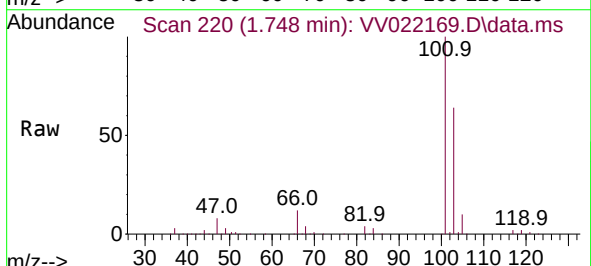
Instrument :
MSVOA_V
ClientSampled :

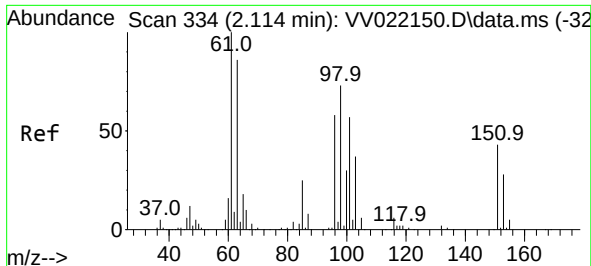
Tgt Ion: 64 Resp: 65196
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 48.612 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion:101 Resp: 153186
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

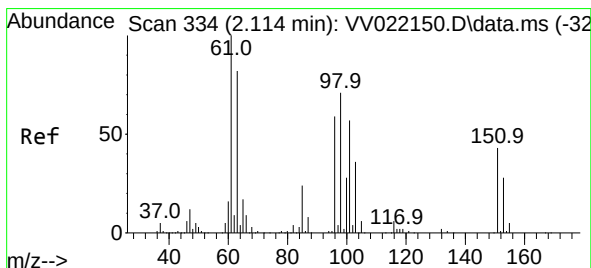
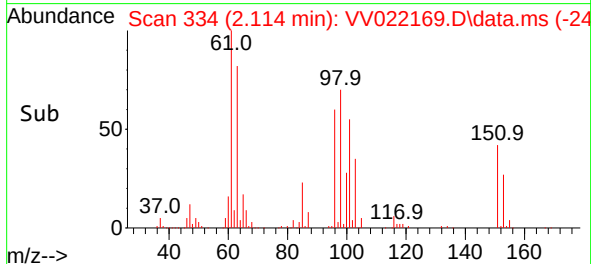
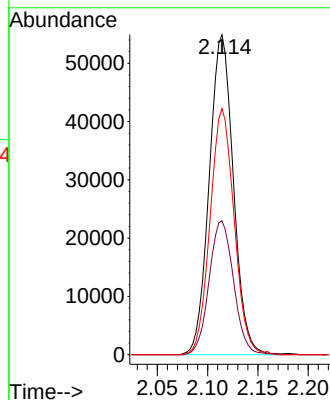
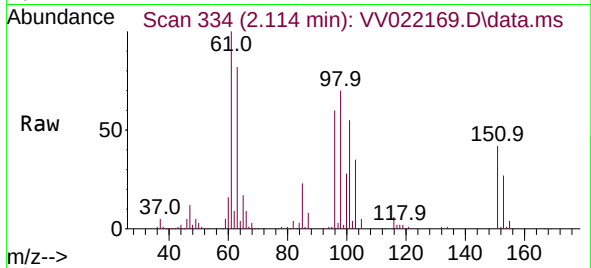




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.567 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

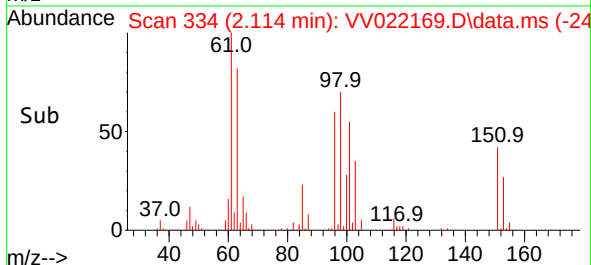
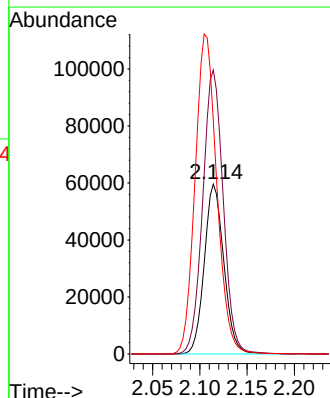
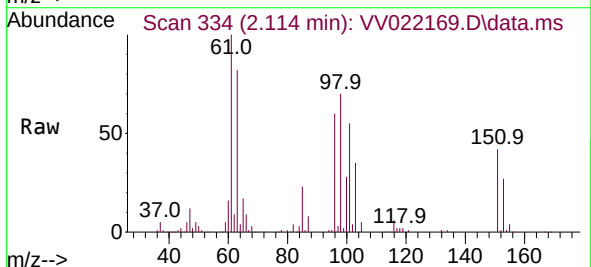
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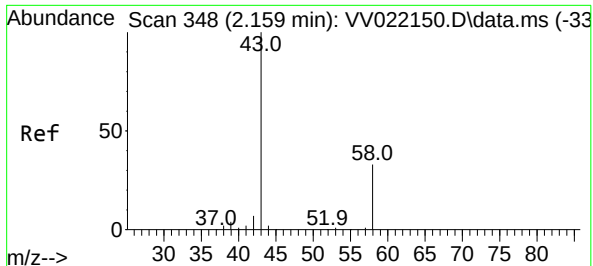
Tgt Ion:101 Resp: 91614
Ion Ratio Lower Upper
101 100
85 42.4 33.4 50.0
151 76.6 61.7 92.5



#12
1,1-Dichloroethene
Concen: 49.239 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 96 Resp: 85669
Ion Ratio Lower Upper
96 100
61 167.3 113.2 210.2
63 137.3 102.3 189.9

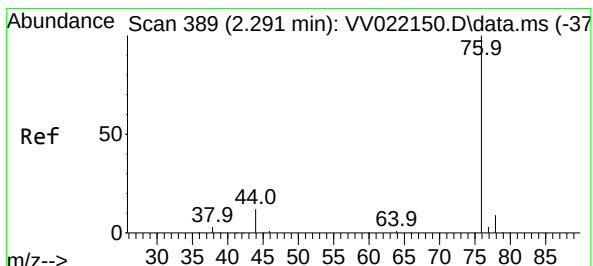
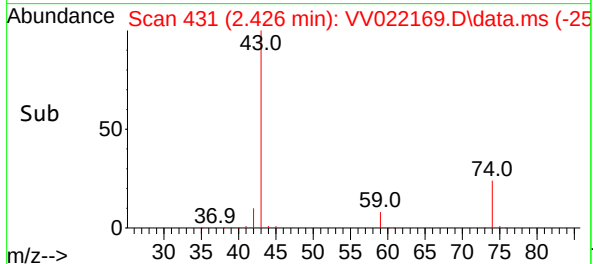
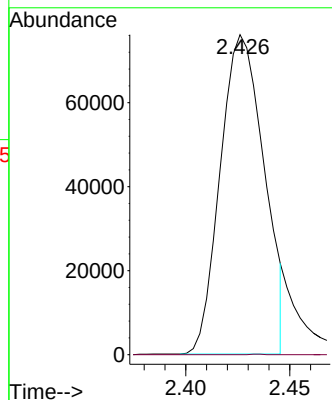
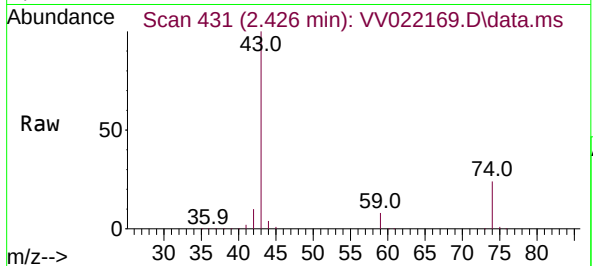




#13
Acetone
Concen: 92.799 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.267 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

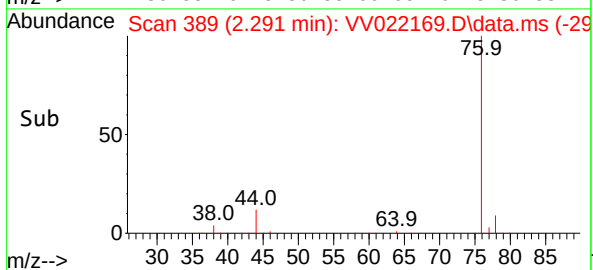
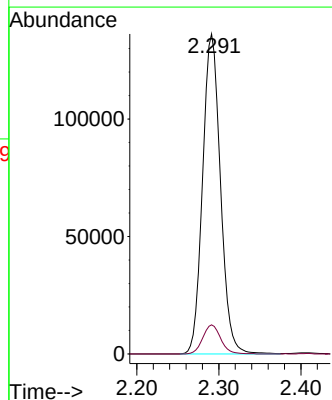
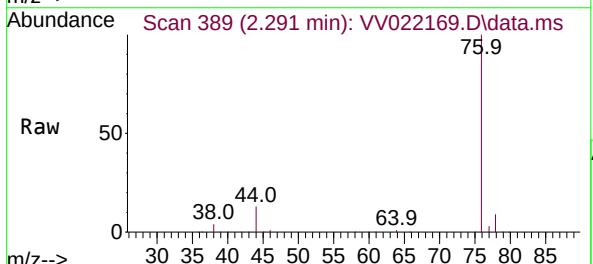
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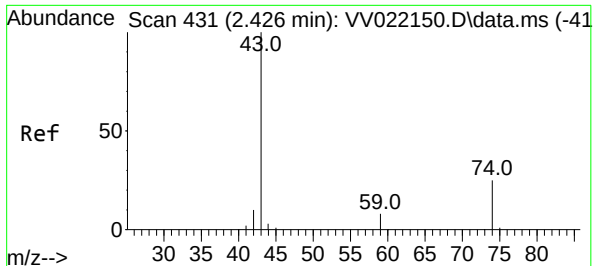
Tgt Ion: 43 Resp: 111387
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 39.179 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 205684
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

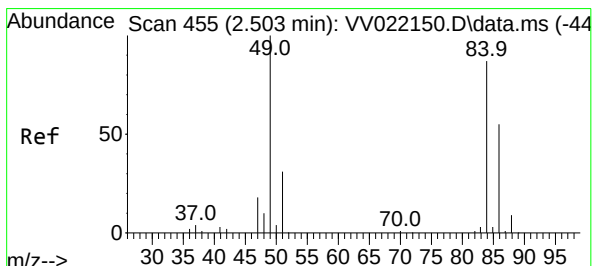
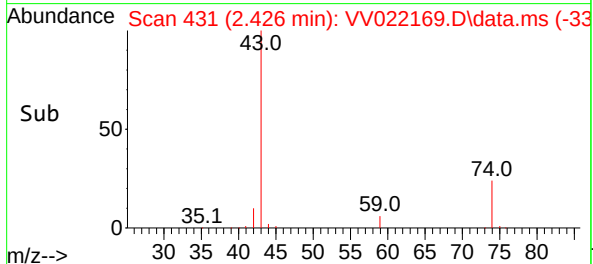
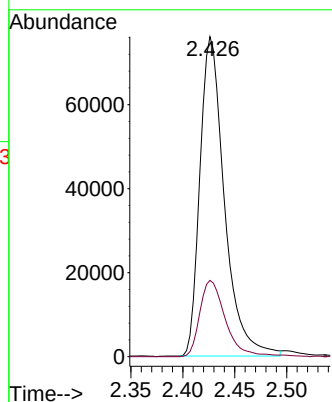
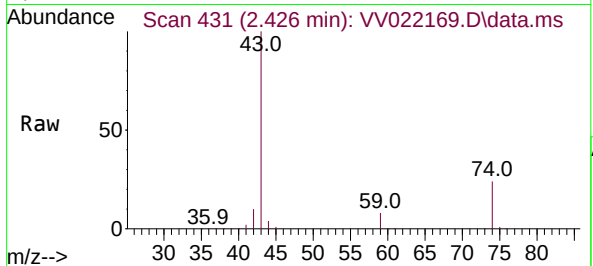




#15
Methyl Acetate
Concen: 53.358 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

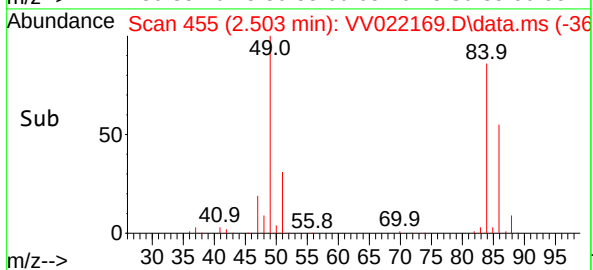
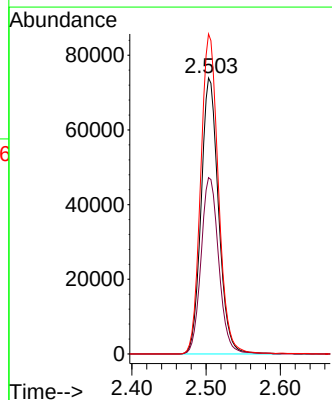
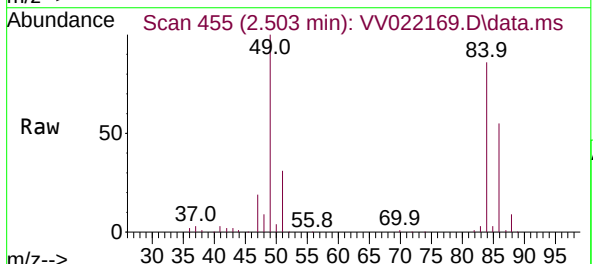
Instrument :
MSVOA_V
ClientSampled :

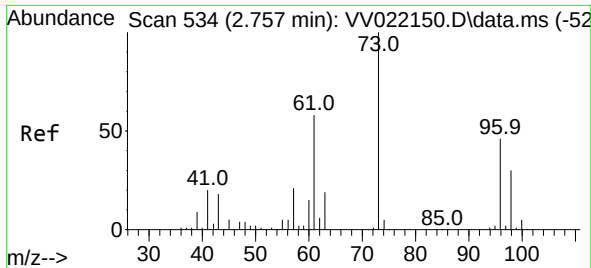
Tgt Ion: 43 Resp: 124723
Ion Ratio Lower Upper
43 100
74 24.5 20.2 30.2



#16
Methylene chloride
Concen: 51.601 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 84 Resp: 120285
Ion Ratio Lower Upper
84 100
86 63.9 44.8 83.2
49 116.0 80.2 149.0

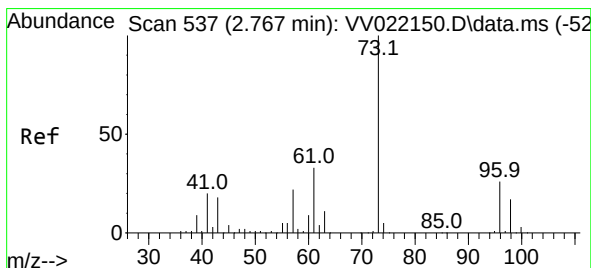
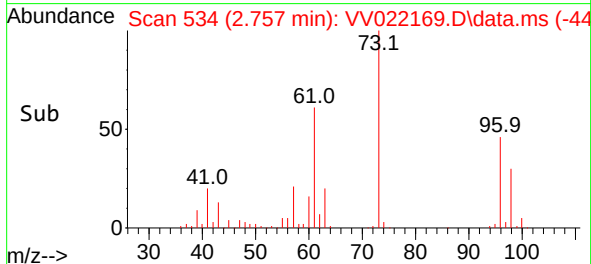
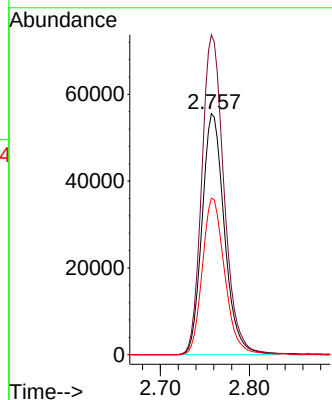
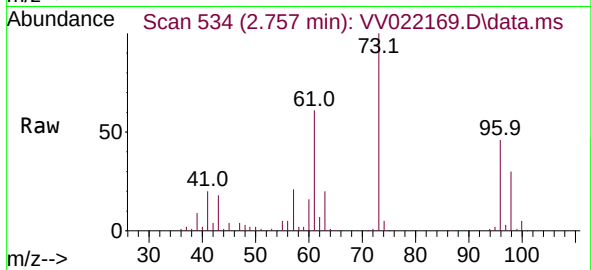




#17
 trans-1,2-Dichloroethene
 Concen: 46.108 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. -0.000 min
 Lab File: VV022169.D
 Acq: 16 Sep 2021 20:33

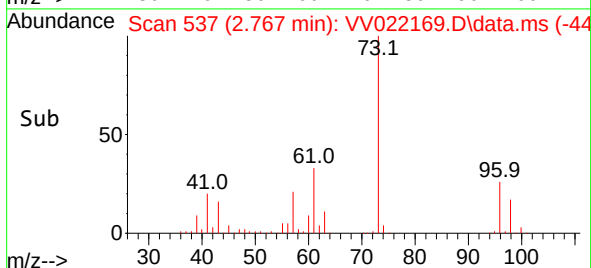
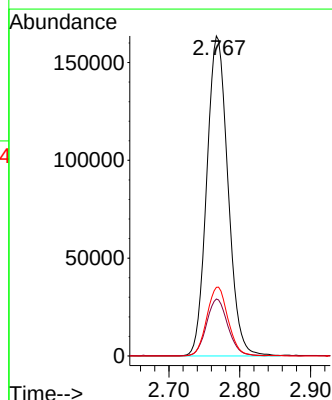
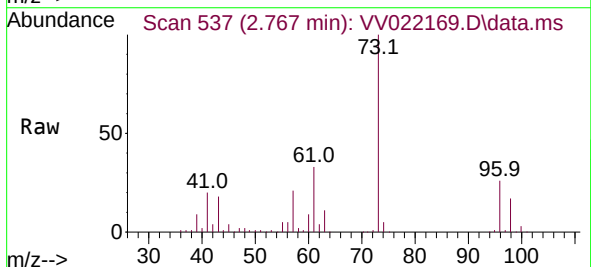
Instrument :
 MSVOA_V
 ClientSampleId :

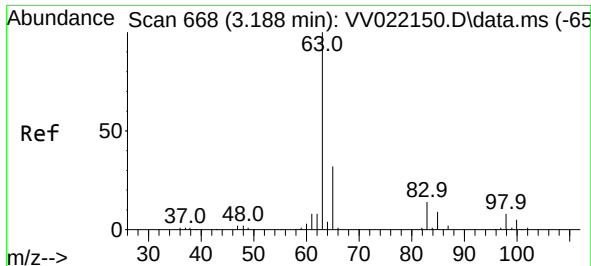
Tgt Ion: 96 Resp: 96996
 Ion Ratio Lower Upper
 96 100
 61 132.7 89.1 165.5
 98 64.9 43.8 81.3



#18
 Methyl tert-butyl Ether
 Concen: 50.827 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. -0.000 min
 Lab File: VV022169.D
 Acq: 16 Sep 2021 20:33

Tgt Ion: 73 Resp: 339773
 Ion Ratio Lower Upper
 73 100
 43 17.8 13.8 20.6
 57 21.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 51.438 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.000 min

Lab File: VV022169.D

Acq: 16 Sep 2021 20:33

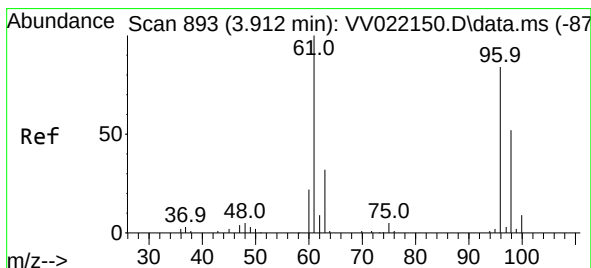
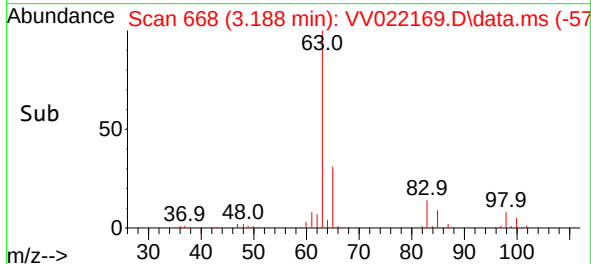
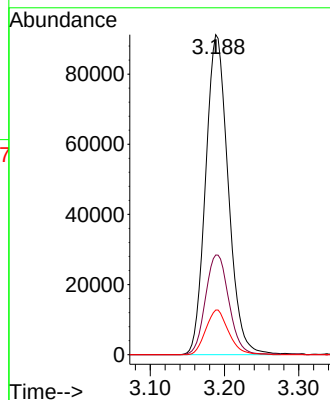
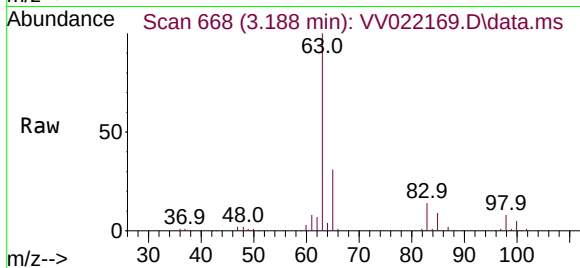
Tgt Ion: 63 Resp: 192725

Ion Ratio Lower Upper

63 100

65 31.1 22.2 41.2

83 13.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 48.572 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV022169.D

Acq: 16 Sep 2021 20:33

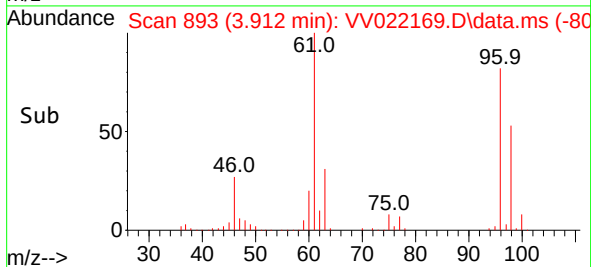
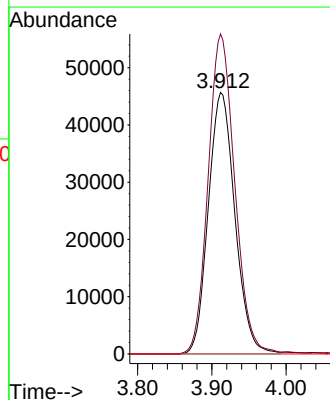
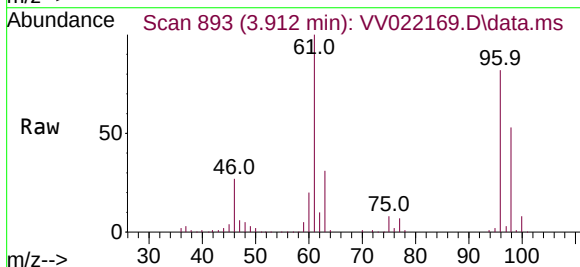
Tgt Ion: 96 Resp: 113726

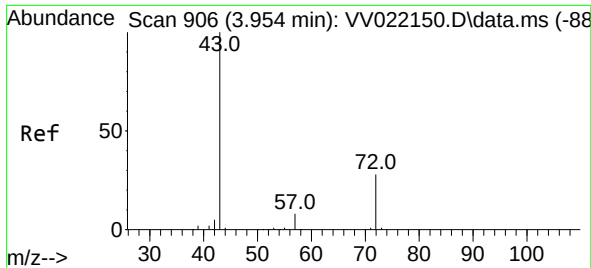
Ion Ratio Lower Upper

96 100

61 122.3 81.8 152.0

68 0.0 0.0 0.0

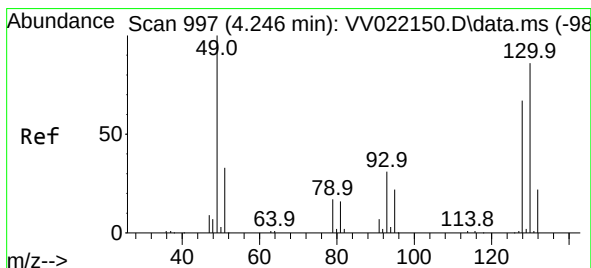
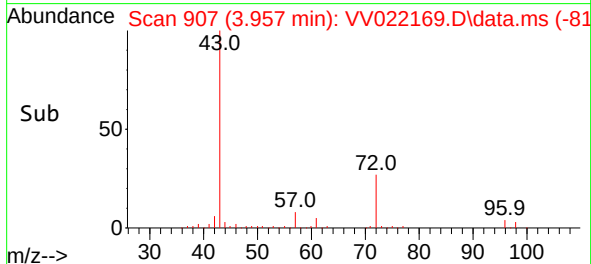
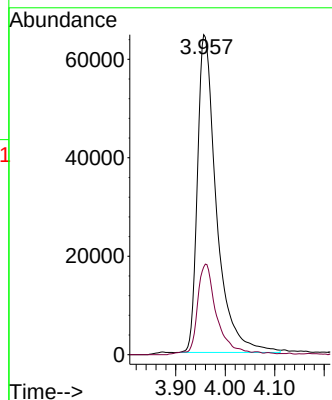
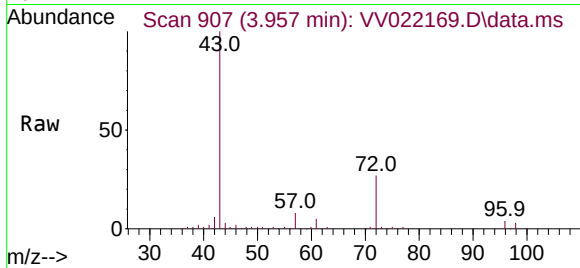




#22
2-Butanone
Concen: 102.291 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

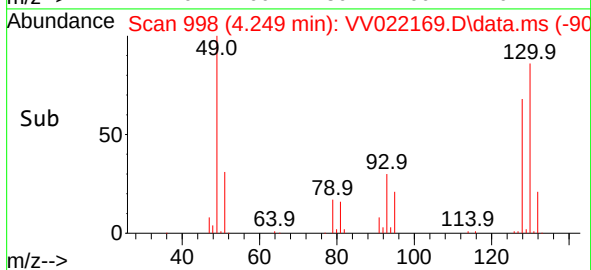
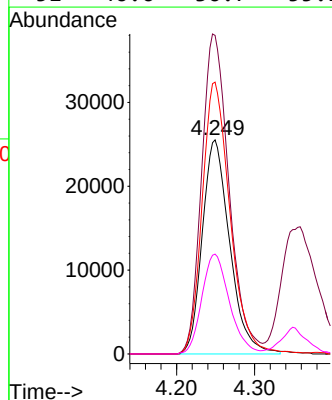
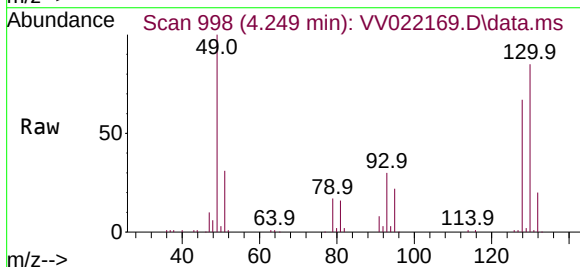
Instrument :
MSVOA_V
ClientSampled :

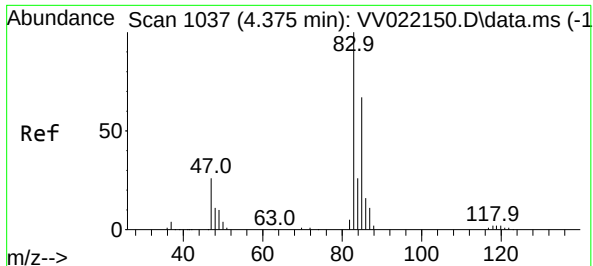
Tgt Ion: 43 Resp: 172587
Ion Ratio Lower Upper
43 100
72 27.8 13.3 39.8



#23
Bromochloromethane
Concen: 50.000 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 128 Resp: 62346
Ion Ratio Lower Upper
128 100
49 148.8 101.6 188.8
130 127.0 88.5 164.3
51 46.6 36.7 55.1





#25

Chloroform

Concen: 50.838 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV022169.D

Acq: 16 Sep 2021 20:33

Tgt Ion: 83 Resp: 201636

Ion Ratio Lower Upper

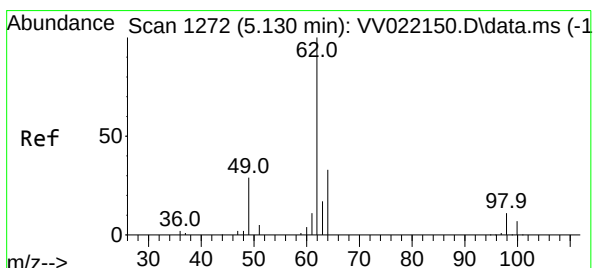
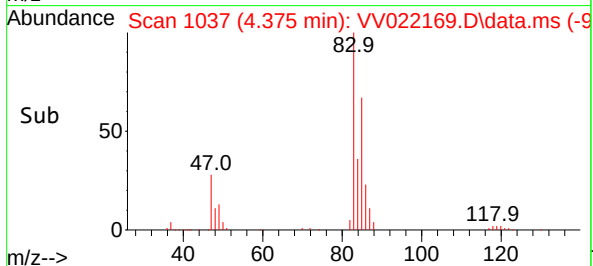
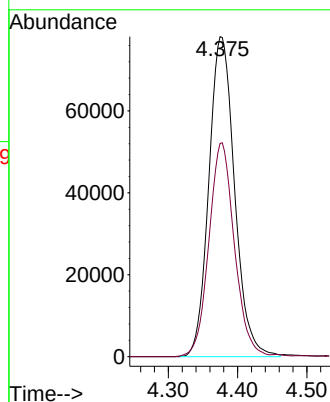
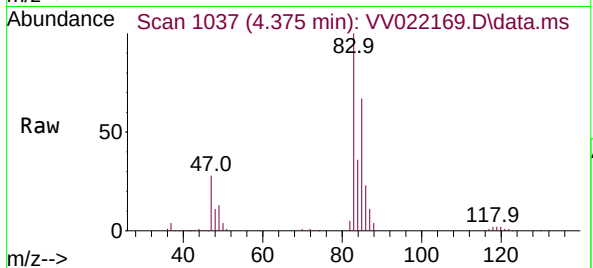
83 100

85 66.6 46.3 85.9

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 54.661 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV022169.D

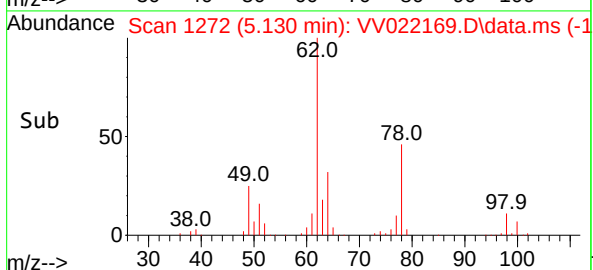
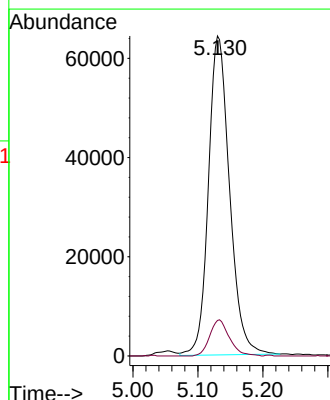
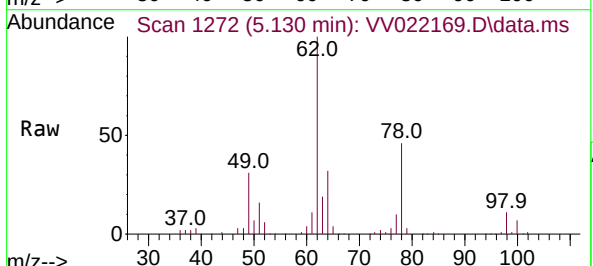
Acq: 16 Sep 2021 20:33

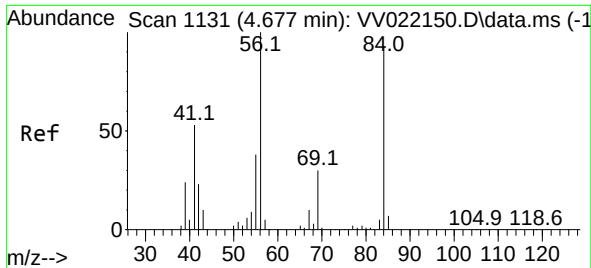
Tgt Ion: 62 Resp: 145325

Ion Ratio Lower Upper

62 100

98 11.1 8.5 12.7

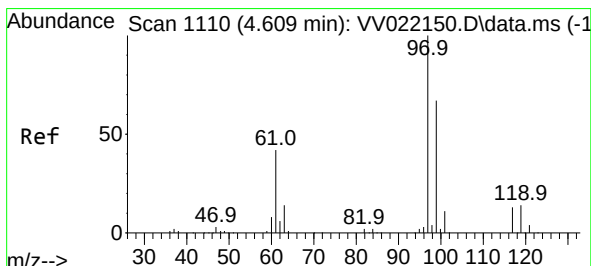
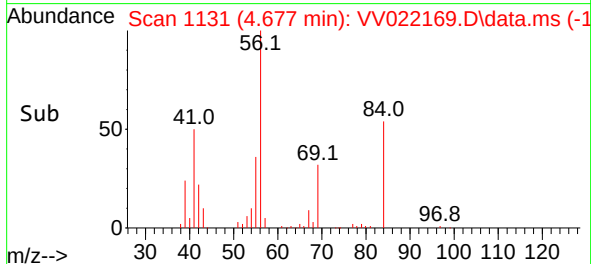
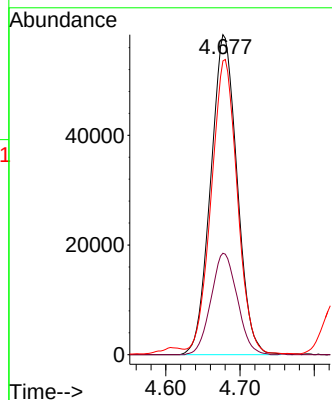
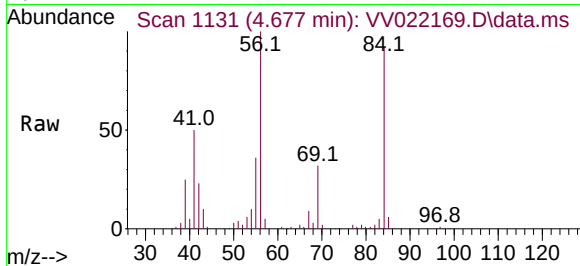




#29
Cyclohexane
Concen: 44.170 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

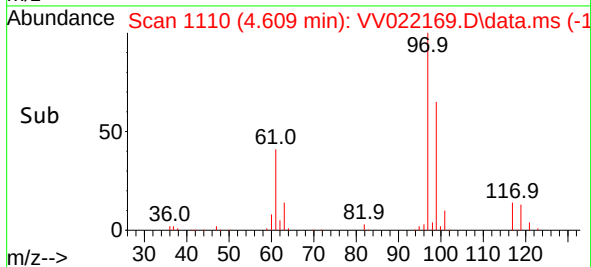
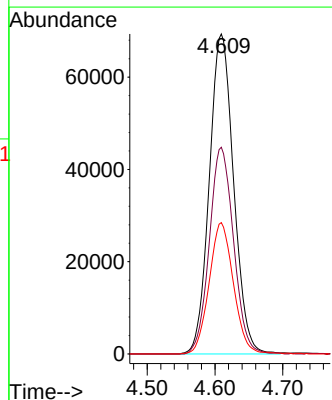
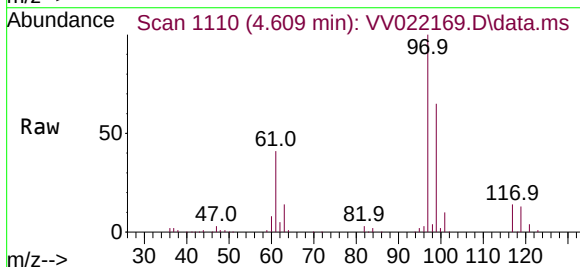
Instrument :
MSVOA_V
ClientSampled :

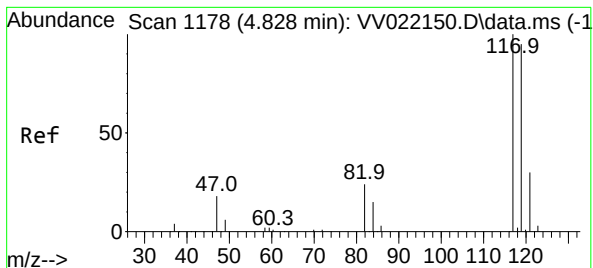
Tgt Ion: 56 Resp: 144356
Ion Ratio Lower Upper
56 100
69 31.5 25.2 37.8
84 90.1 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 49.748 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 97 Resp: 172861
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 40.8 31.8 47.8





#31

Carbon tetrachloride

Concen: 48.961 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VV022169.D

Acq: 16 Sep 2021 20:33

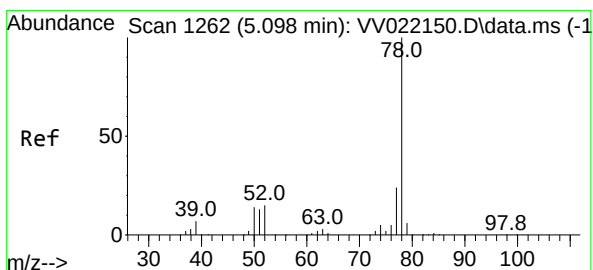
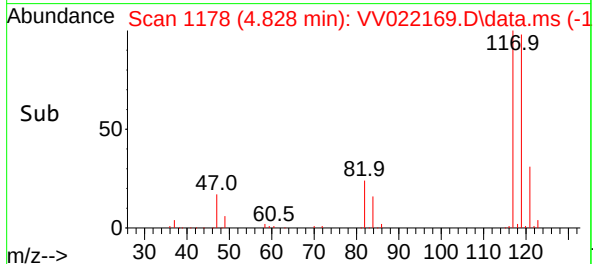
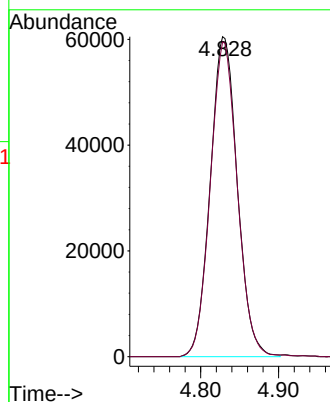
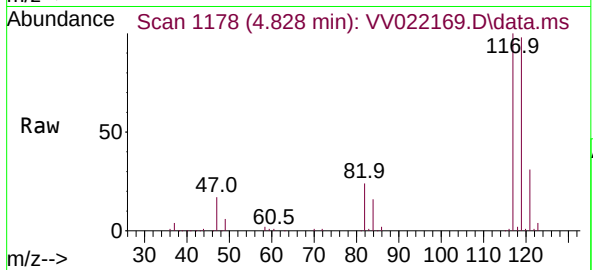
Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:117 Resp: 146162

Ion Ratio Lower Upper

117 100

119 97.8 76.6 114.8



#33

Benzene

Concen: 50.098 ug/L

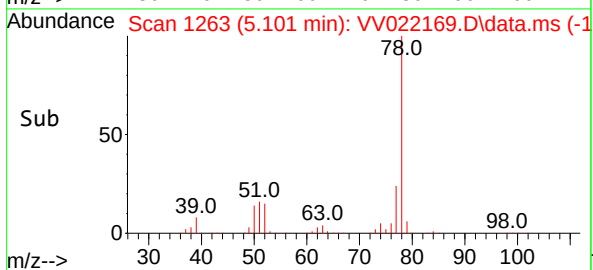
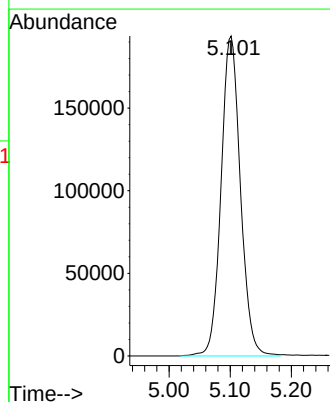
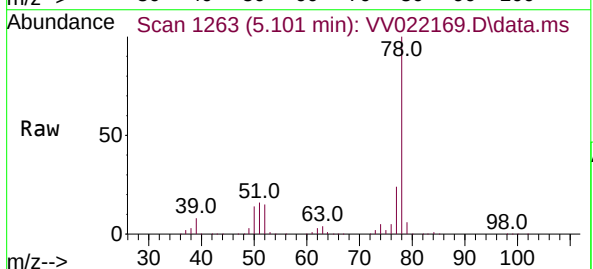
RT: 5.101 min Scan# 1263

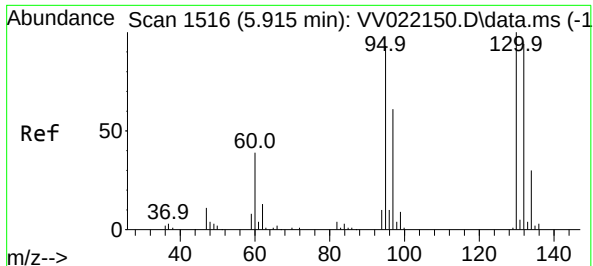
Delta R.T. 0.003 min

Lab File: VV022169.D

Acq: 16 Sep 2021 20:33

Tgt Ion: 78 Resp: 426130



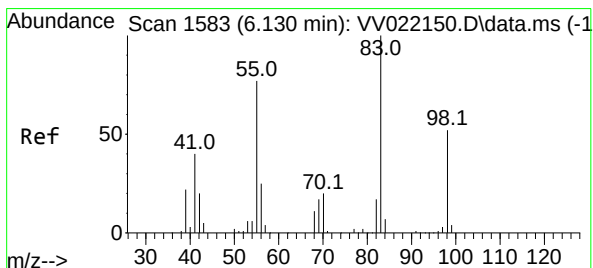
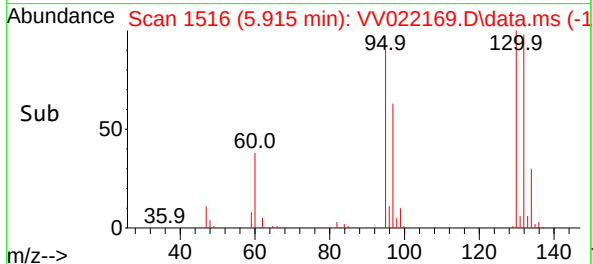
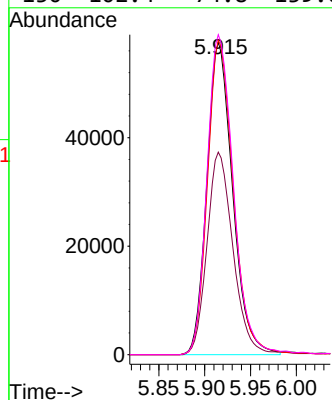
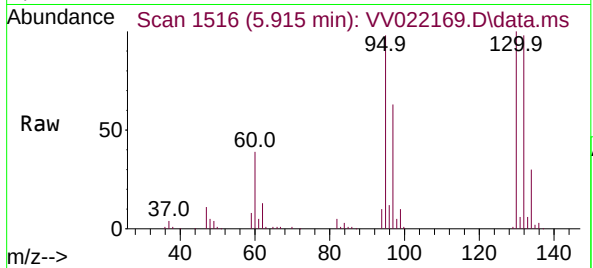


#34
Trichloroethene
Concen: 46.723 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 112575

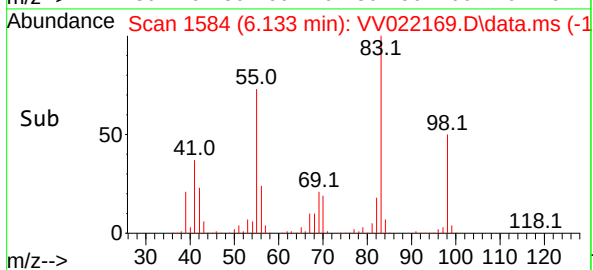
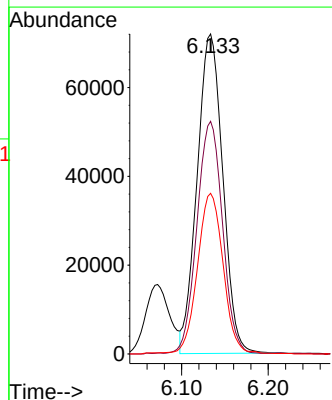
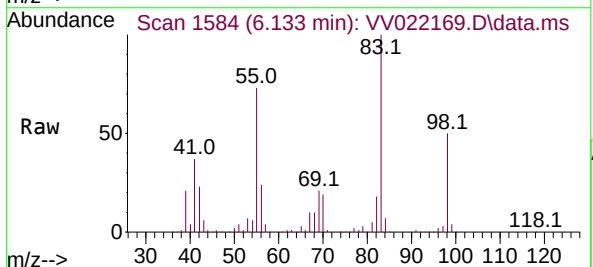
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.1	81.9
132	100.7	70.7	131.3
130	102.4	74.8	139.0

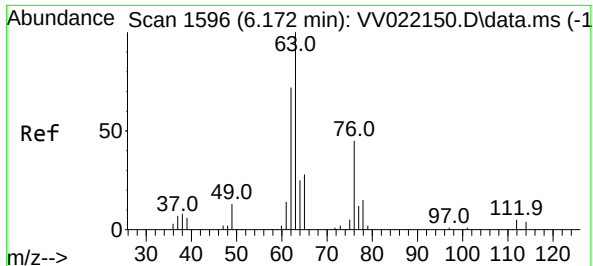


#35
Methylcyclohexane
Concen: 42.097 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 83 Resp: 148277

Ion	Ratio	Lower	Upper
83	100		
55	72.8	56.8	85.2
98	50.3	39.9	59.9

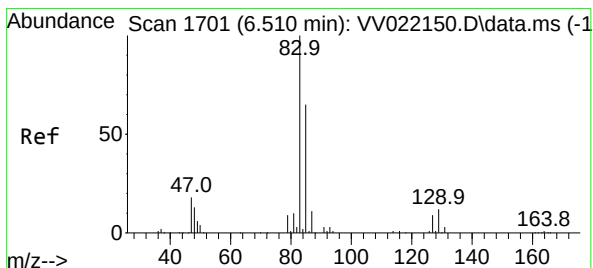
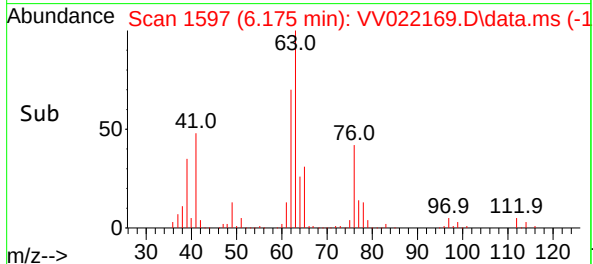
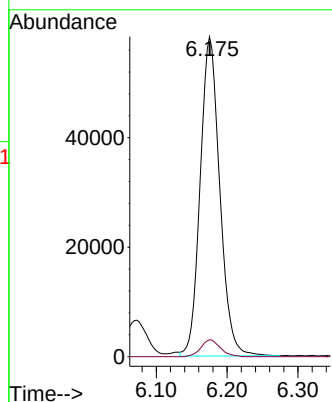
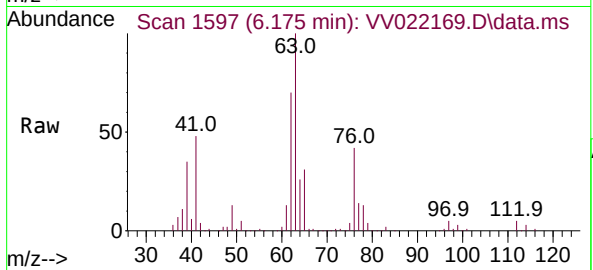




#37
1,2-Dichloropropane
Concen: 50.721 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

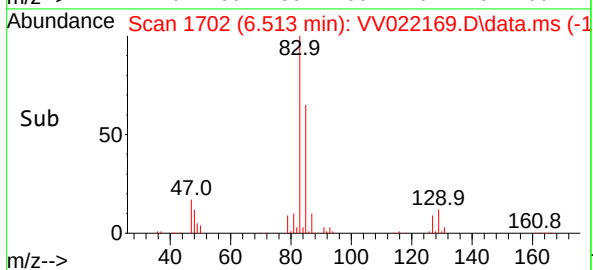
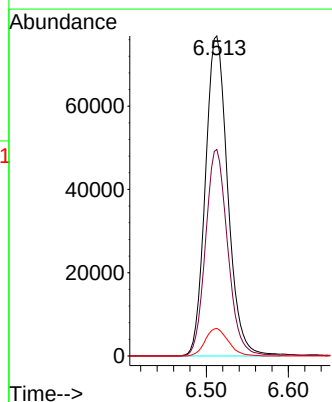
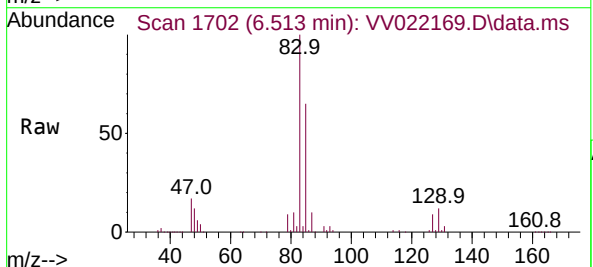
Instrument :
MSVOA_V
ClientSampled :

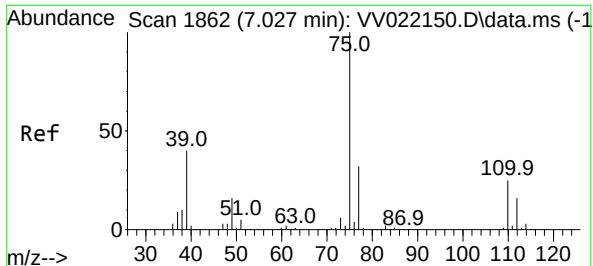
Tgt Ion: 63 Resp: 111836
Ion Ratio Lower Upper
63 100
112 5.3 3.8 5.6



#38
Bromodichloromethane
Concen: 51.578 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 83 Resp: 145436
Ion Ratio Lower Upper
83 100
85 64.6 44.8 83.2
127 8.6 7.3 10.9



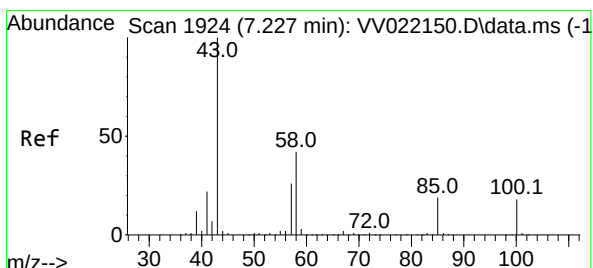
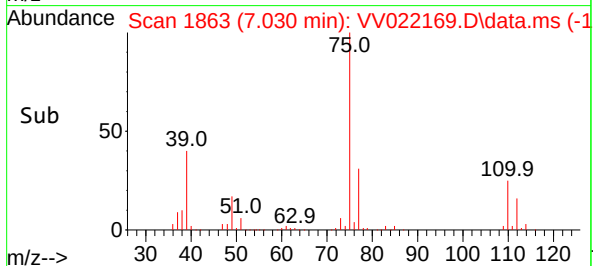
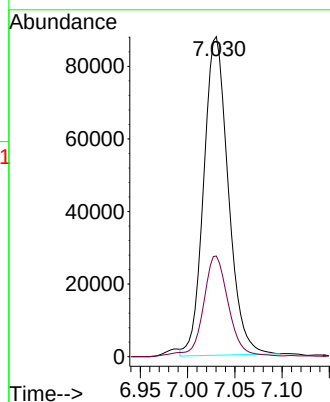
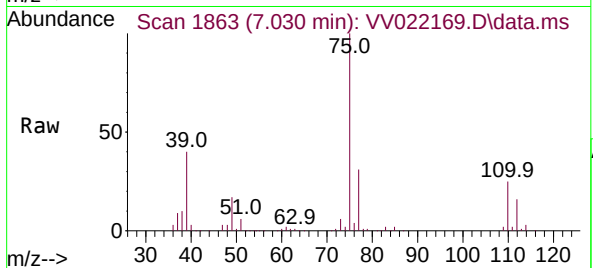


#39

cis-1,3-Dichloropropene
 Concen: 46.636 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022169.D
 Acq: 16 Sep 2021 20:33

Instrument :
 MSVOA_V
 ClientSampled :

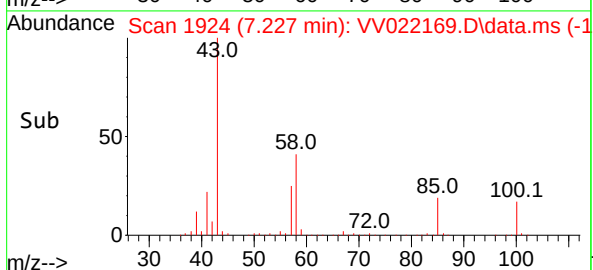
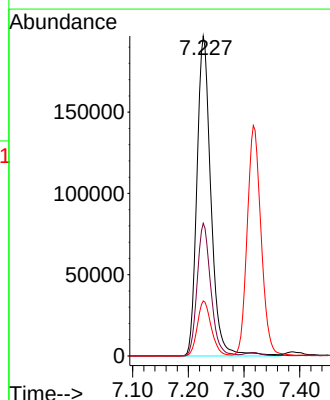
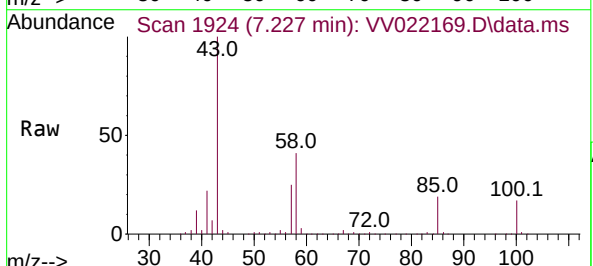
Tgt Ion: 75 Resp: 158758
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.7 42.1

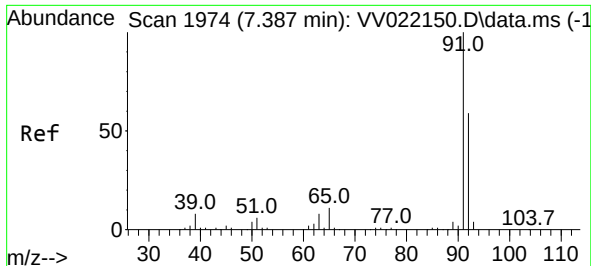


#40

4-Methyl-2-pentanone
 Concen: 115.231 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV022169.D
 Acq: 16 Sep 2021 20:33

Tgt Ion: 43 Resp: 344448
 Ion Ratio Lower Upper
 43 100
 58 40.4 33.3 49.9
 100 17.1 14.5 21.7

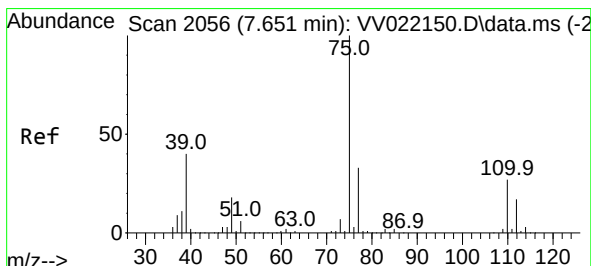
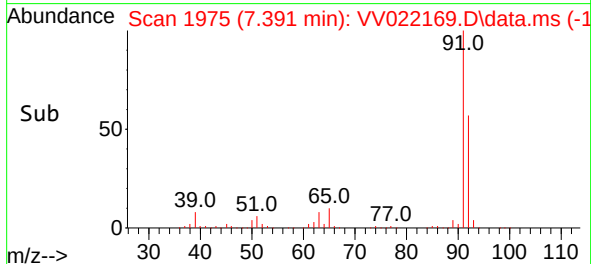
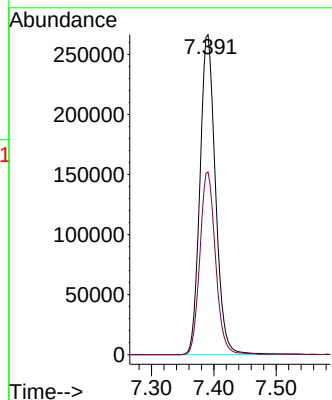
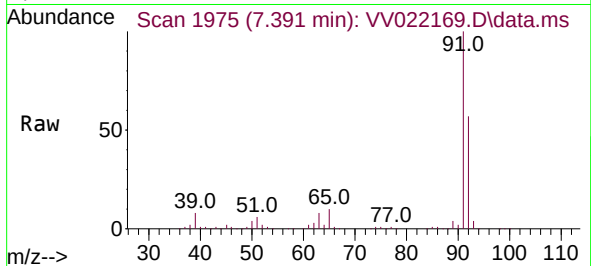




#42
Toluene
Concen: 50.255 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

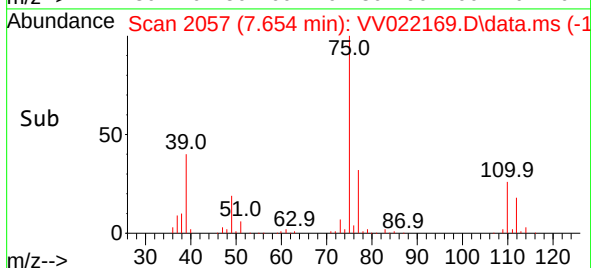
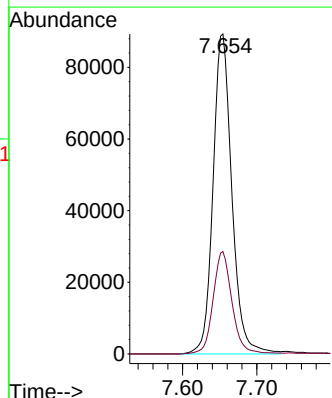
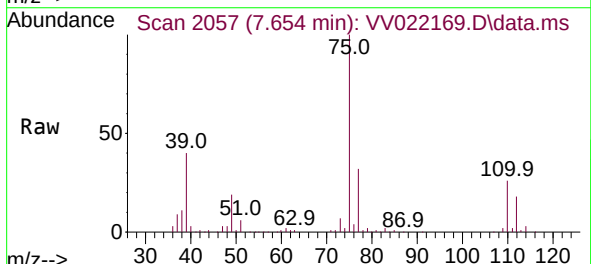
Instrument :
MSVOA_V
ClientSampled :

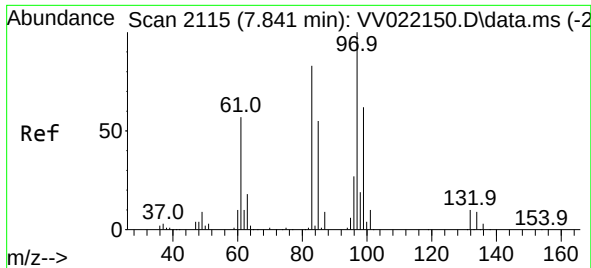
Tgt Ion: 91 Resp: 461362
Ion Ratio Lower Upper
91 100
92 57.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 49.639 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 75 Resp: 157273
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6

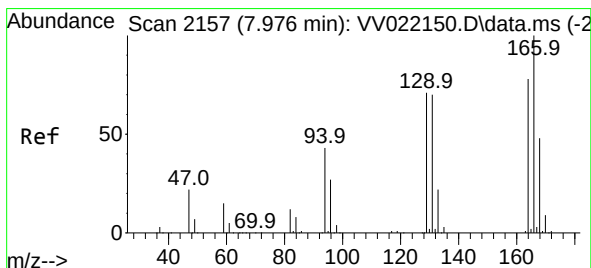
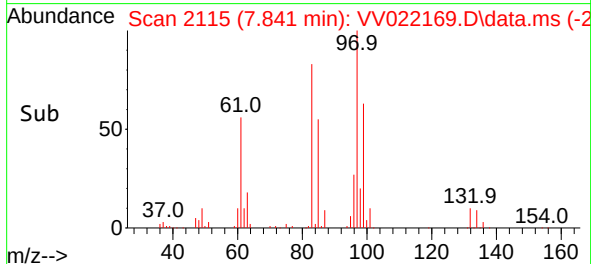
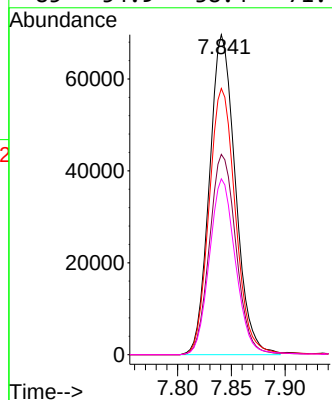
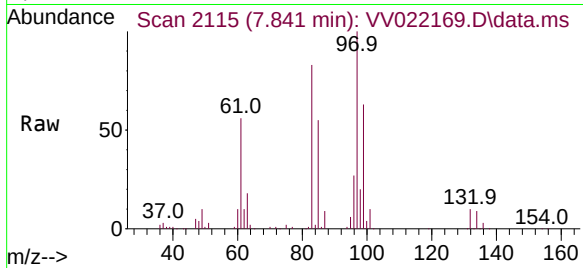




#45
1,1,2-Trichloroethane
Concen: 52.295 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

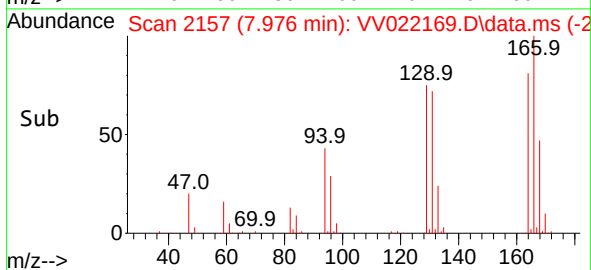
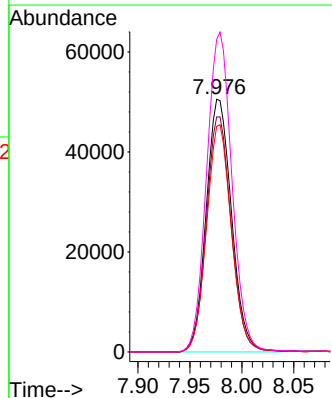
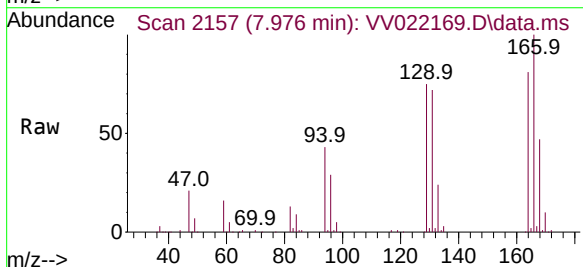
Instrument :
MSVOA_V
ClientSampleId :

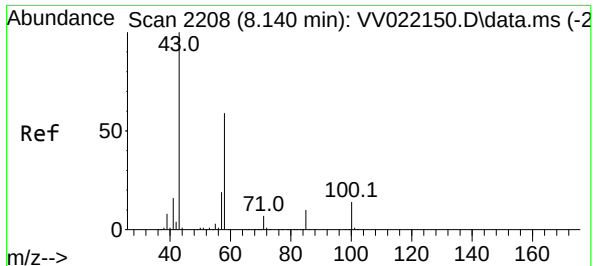
Tgt Ion:	97	Resp:	117323
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	83.2	58.8	109.2
85	54.9	38.4	71.4



#46
Tetrachloroethene
Concen: 45.806 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

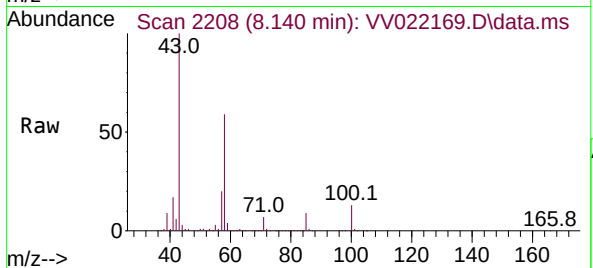
Tgt Ion:	164	Resp:	85816
Ion	Ratio	Lower	Upper
164	100		
129	93.1	62.9	116.9
131	89.3	61.0	113.4
166	123.7	90.6	168.3



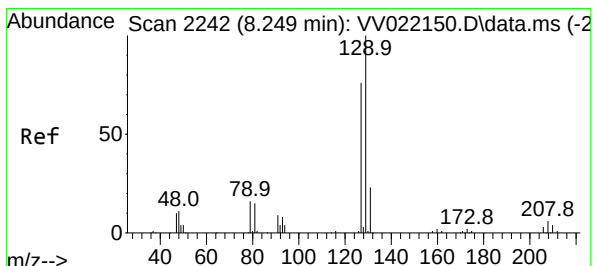
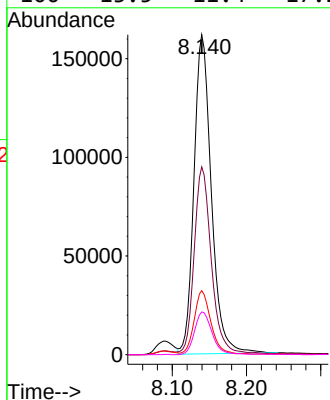
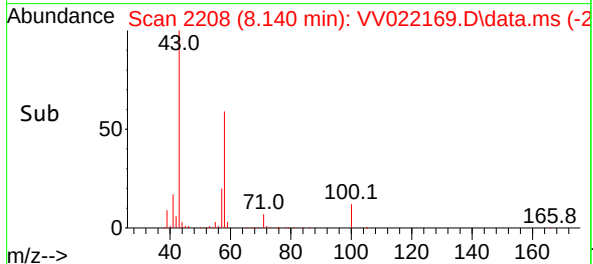


#48
2-Hexanone
Concen: 113.763 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

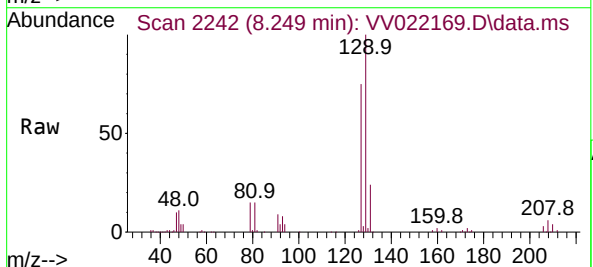
Instrument :
MSVOA_V
ClientSampled :



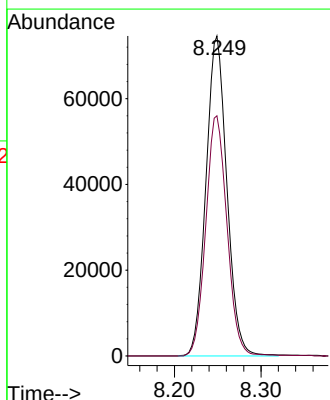
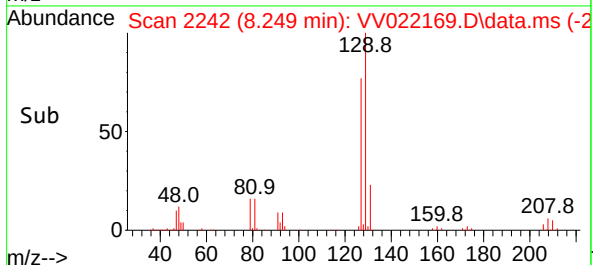
Tgt Ion: 43 Resp: 263851
Ion Ratio Lower Upper
43 100
58 56.7 47.5 71.3
57 18.7 15.9 23.9
100 13.5 11.4 17.2

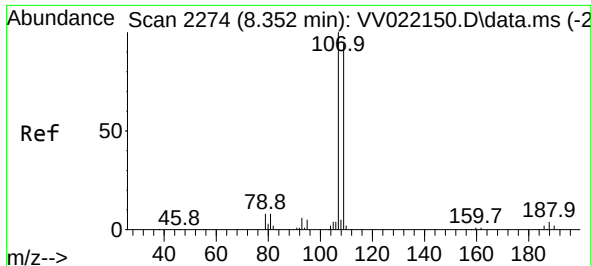


#49
Dibromochloromethane
Concen: 52.049 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33



Tgt Ion: 129 Resp: 124993
Ion Ratio Lower Upper
129 100
127 75.0 54.1 100.5





#50

1,2-Dibromoethane

Concen: 50.560 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

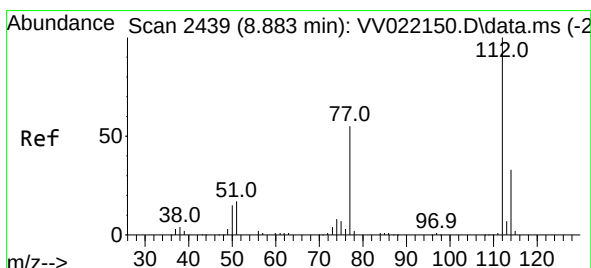
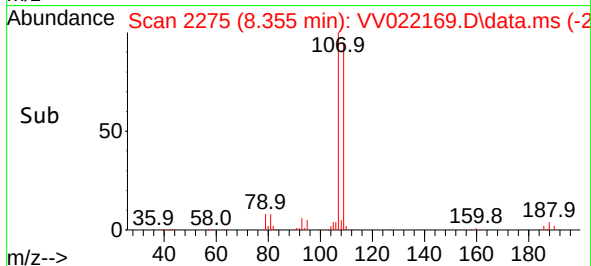
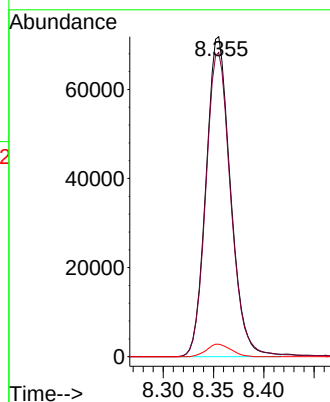
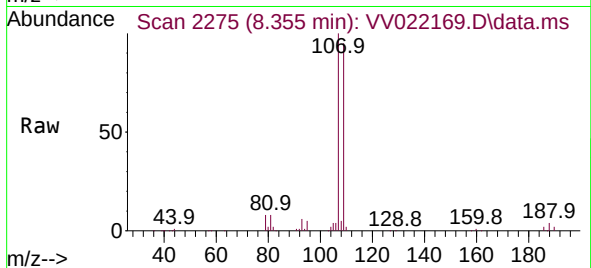
Lab File: VV022169.D

Acq: 16 Sep 2021 20:33

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:107 Resp: 121737

Ion	Ratio	Lower	Upper
107	100		
109	95.1	65.5	121.6
188	3.9	3.2	4.8



#51

Chlorobenzene

Concen: 48.950 ug/L

RT: 8.882 min Scan# 2439

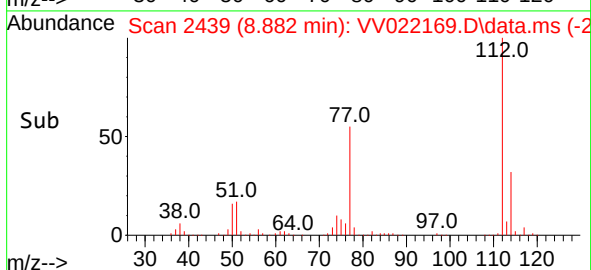
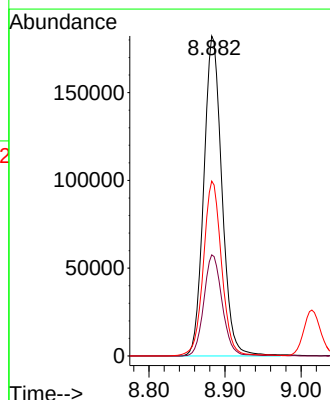
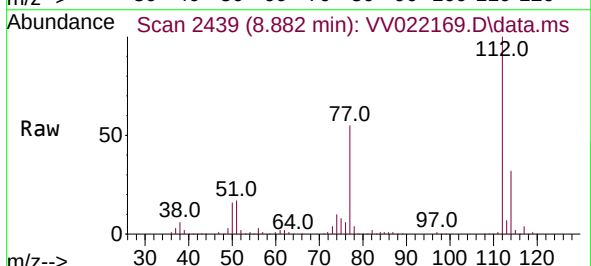
Delta R.T. -0.000 min

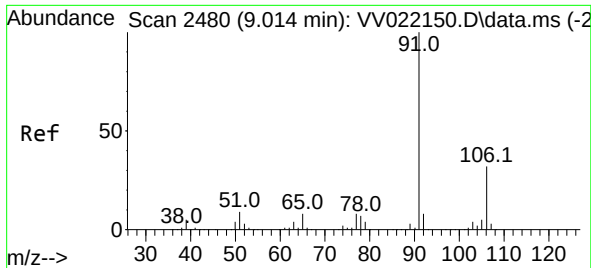
Lab File: VV022169.D

Acq: 16 Sep 2021 20:33

Tgt Ion:112 Resp: 302135

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.0	41.0
77	54.7	43.2	64.8

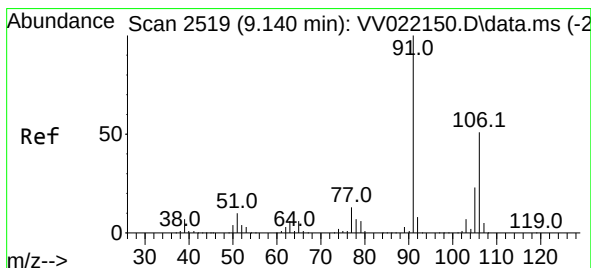
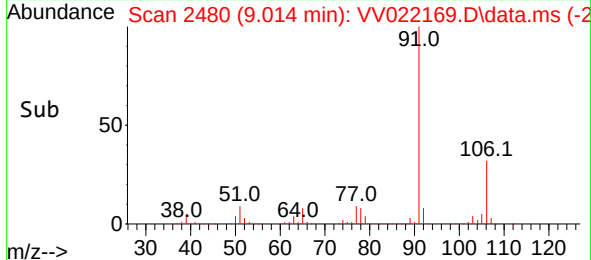
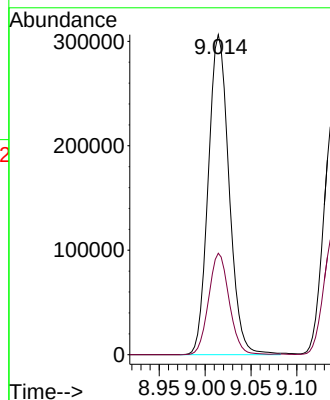
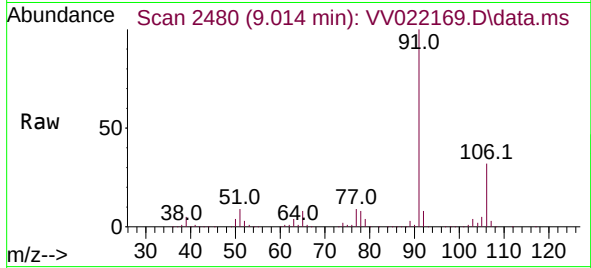




#52
Ethylbenzene
Concen: 48.655 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

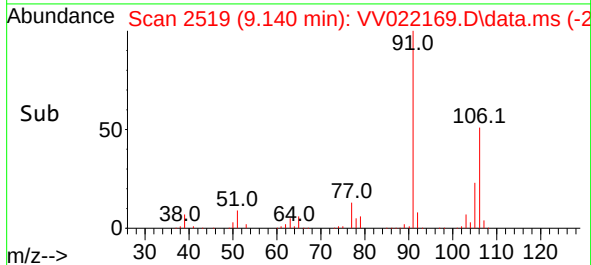
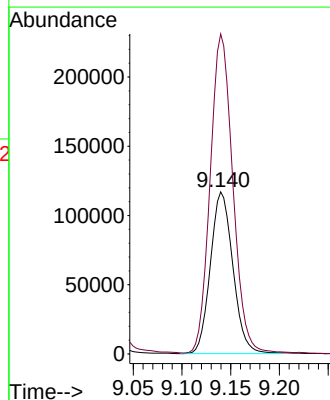
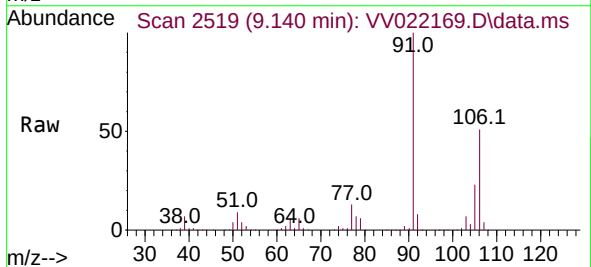
Instrument :
MSVOA_V
ClientSampled :

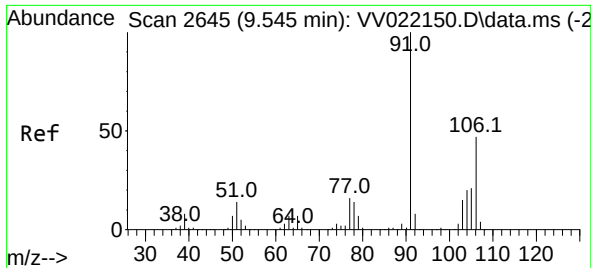
Tgt Ion: 91 Resp: 483527
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 48.550 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 106 Resp: 187534
Ion Ratio Lower Upper
106 100
91 197.5 139.1 258.3

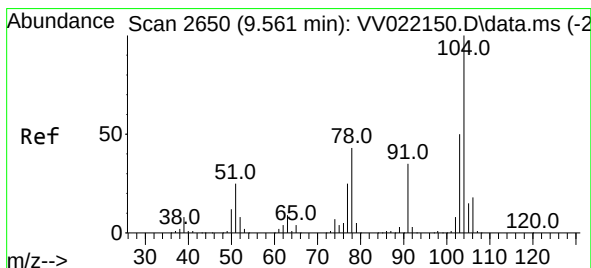
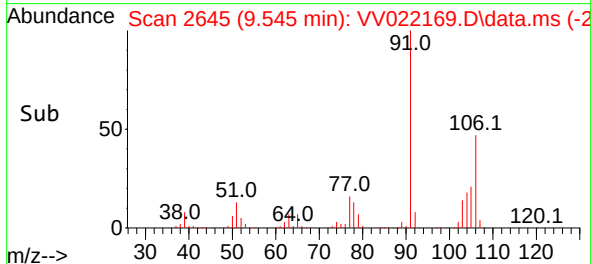
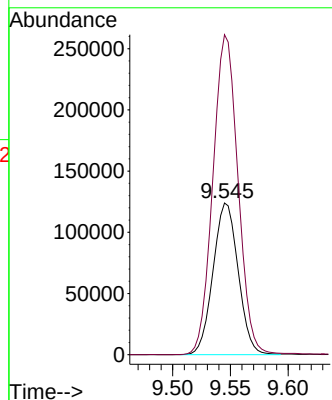
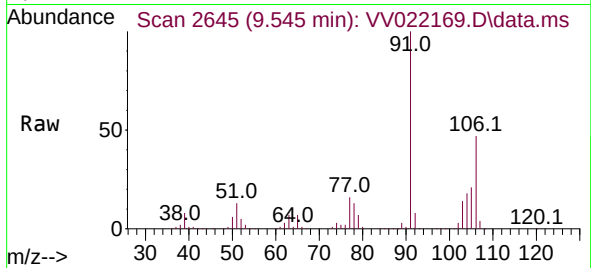




#54
o-Xylene
Concen: 49.039 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

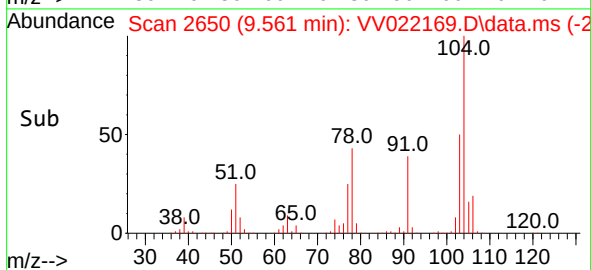
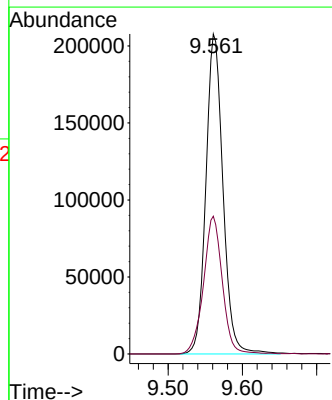
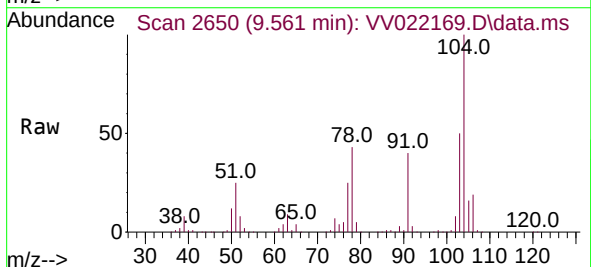
Instrument :
MSVOA_V
ClientSampleId :

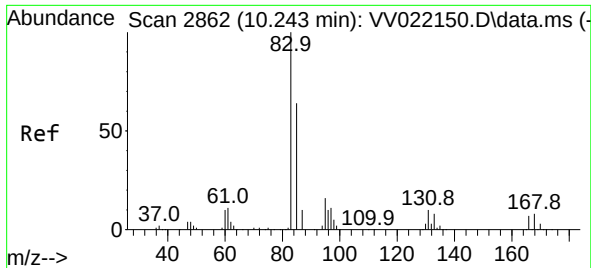
Tgt Ion:106 Resp: 187423
Ion Ratio Lower Upper
106 100
91 210.9 150.1 278.9



#55
Styrene
Concen: 50.797 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion:104 Resp: 331323
Ion Ratio Lower Upper
104 100
78 43.0 28.6 53.2

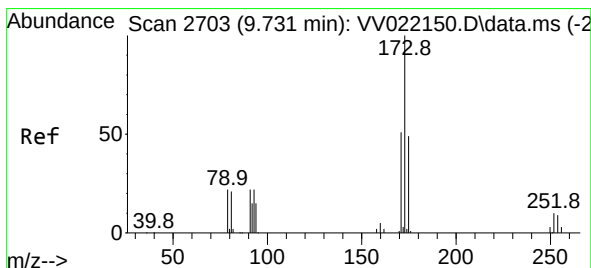
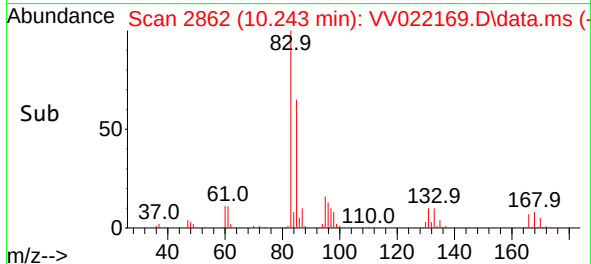
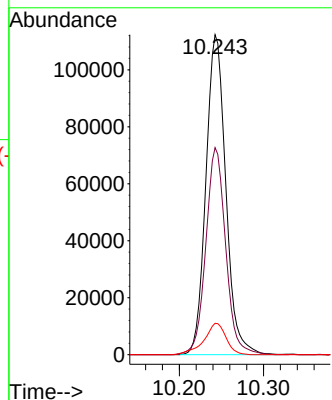
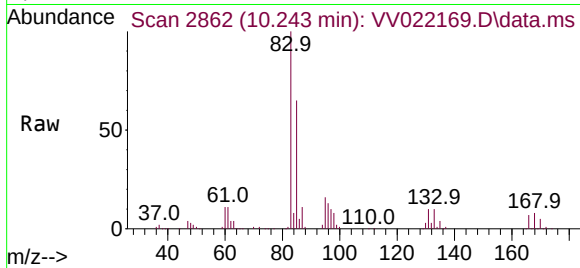




#57
1,1,2,2-Tetrachloroethane
Concen: 56.793 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

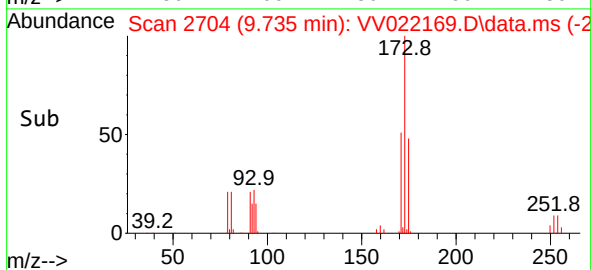
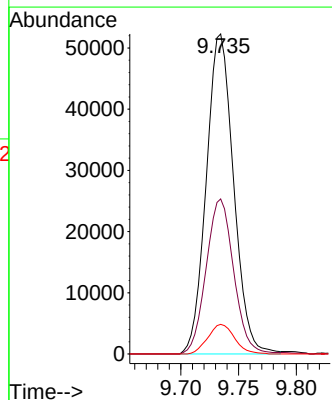
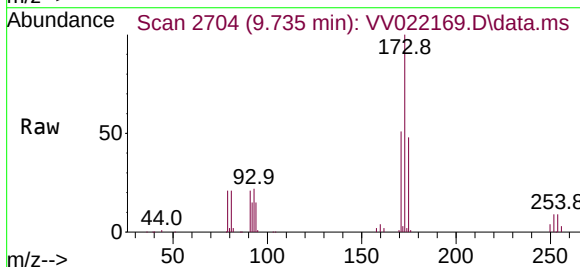
Instrument :
MSVOA_V
ClientSampled :

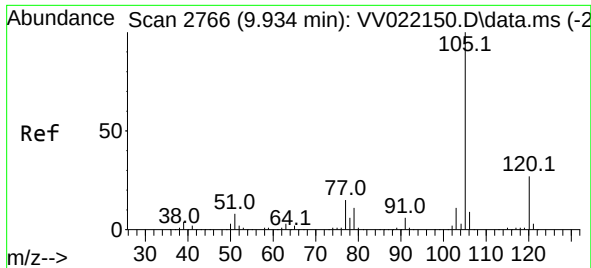
Tgt Ion: 83 Resp: 184607
Ion Ratio Lower Upper
83 100
85 64.7 44.7 83.1
131 9.8 8.2 12.2



#59
Bromoform
Concen: 51.092 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 173 Resp: 86010
Ion Ratio Lower Upper
173 100
175 48.8 38.8 58.2
254 9.1 7.0 10.4

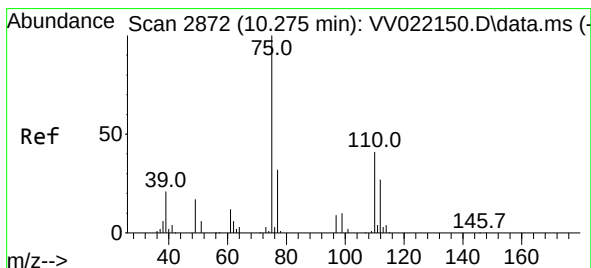
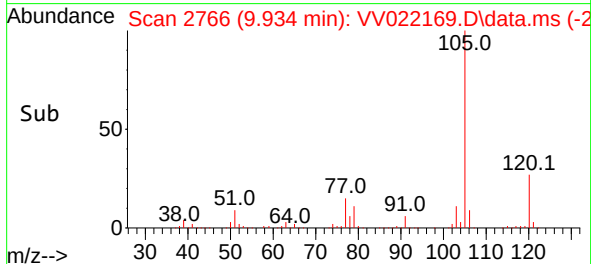
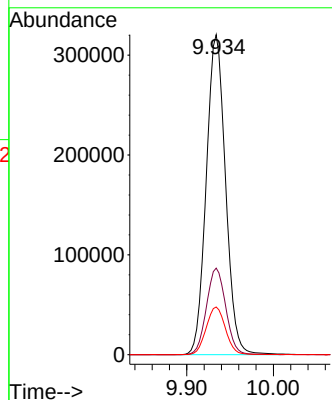
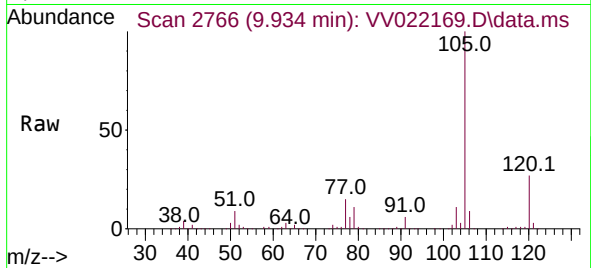




#60
Isopropylbenzene
Concen: 49.718 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

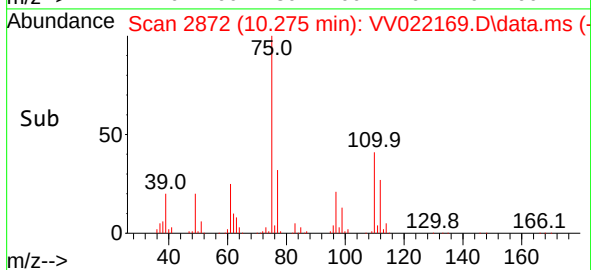
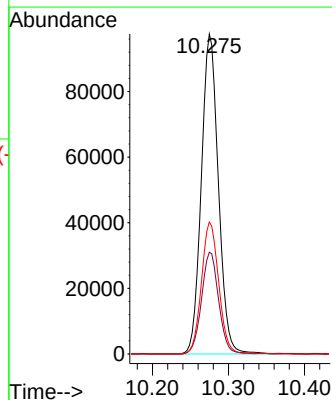
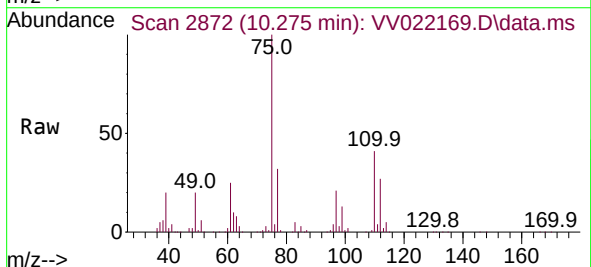
Instrument :
MSVOA_V
ClientSampleId :

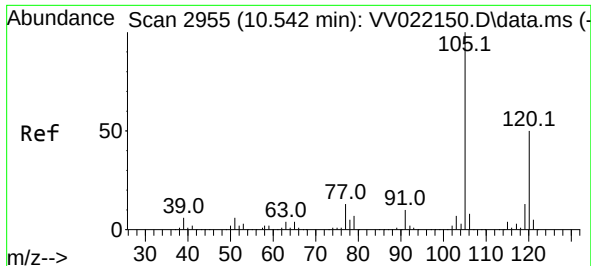
Tgt Ion:105 Resp: 495166
Ion Ratio Lower Upper
105 100
120 27.2 21.5 32.3
77 14.8 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 55.397 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 75 Resp: 152178
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 41.4 33.8 50.6

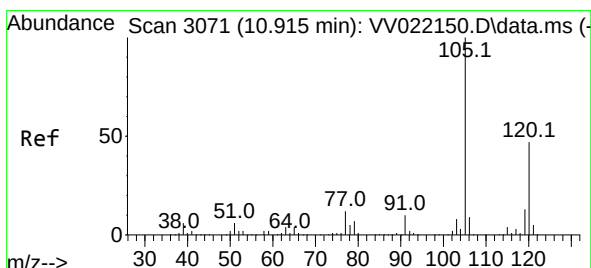
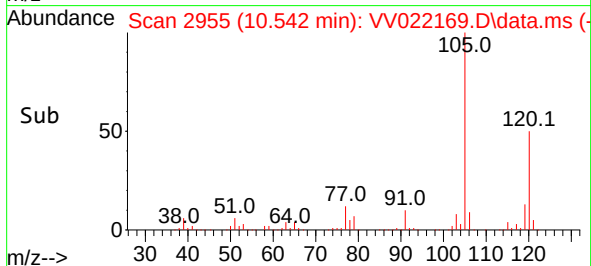
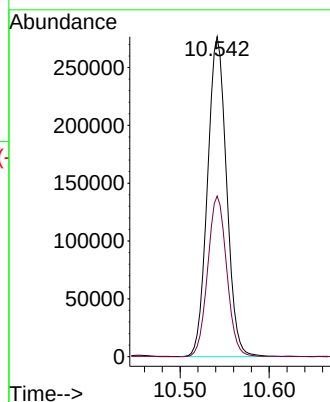
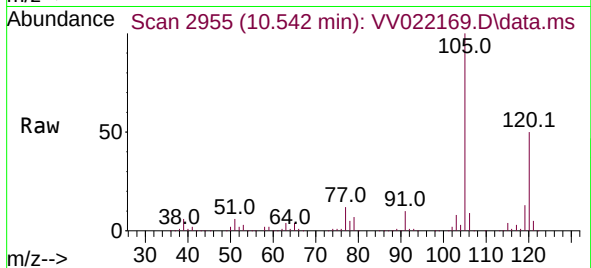




#62
1,3,5-Trimethylbenzene
Concen: 48.970 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

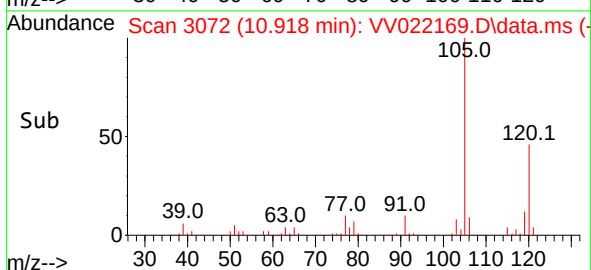
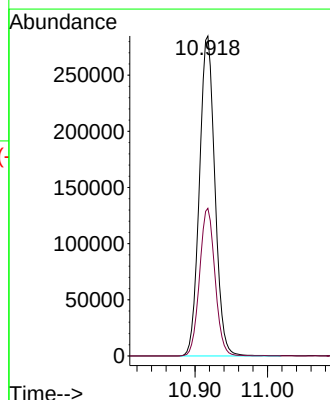
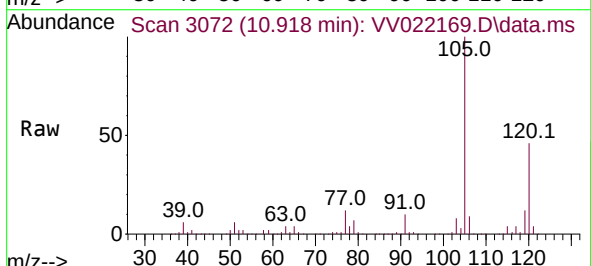
Instrument :
MSVOA_V
ClientSampled :

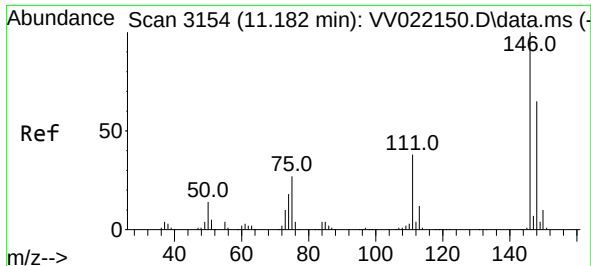
Tgt Ion:105 Resp: 409455
Ion Ratio Lower Upper
105 100
120 50.2 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 49.708 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion:105 Resp: 422454
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.0

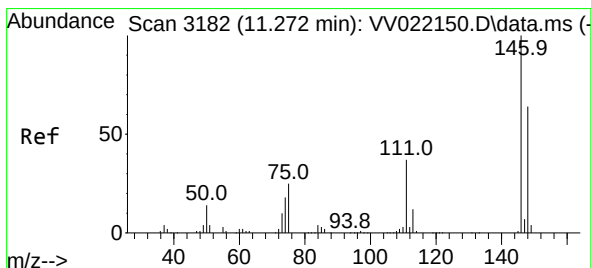
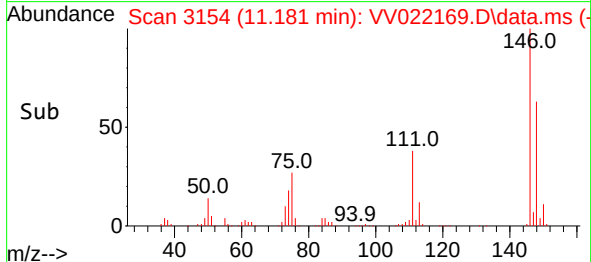
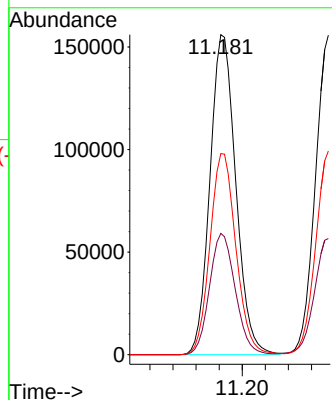
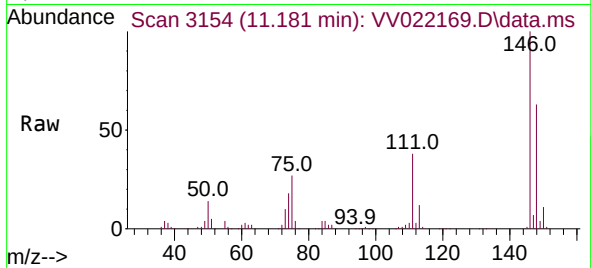




#64
1,3-Dichlorobenzene
Concen: 47.923 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

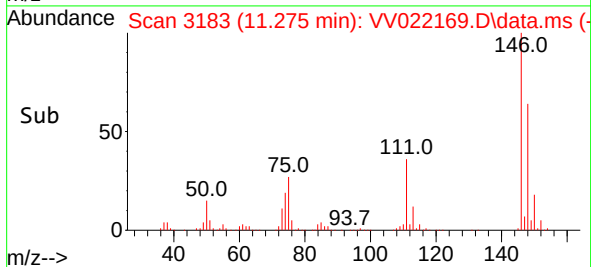
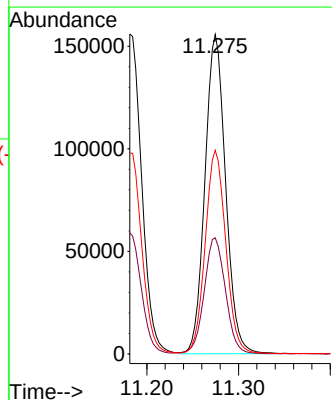
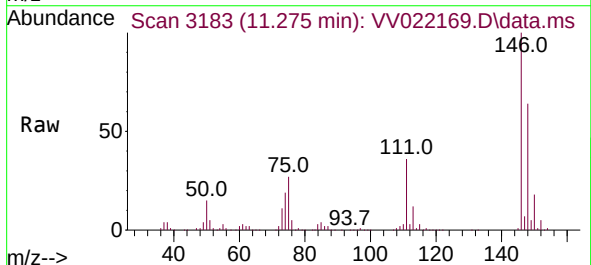
Instrument :
MSVOA_V
ClientSampled :

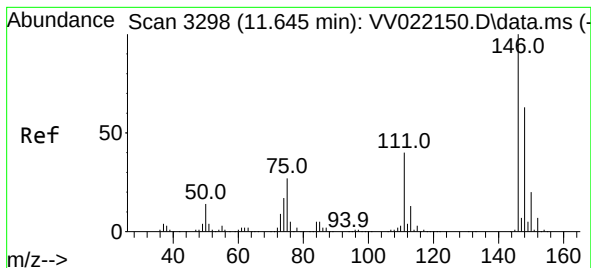
Tgt Ion:146 Resp: 242331
Ion Ratio Lower Upper
146 100
111 37.9 26.9 50.1
148 62.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 47.005 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion:146 Resp: 243222
Ion Ratio Lower Upper
146 100
111 36.3 25.3 46.9
148 63.8 44.4 82.5

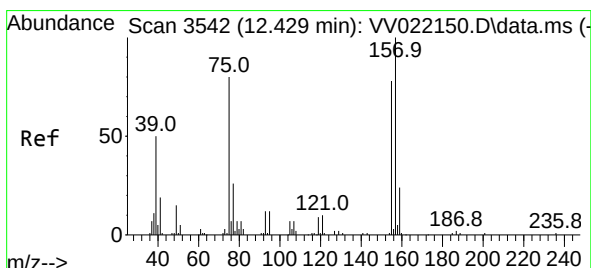
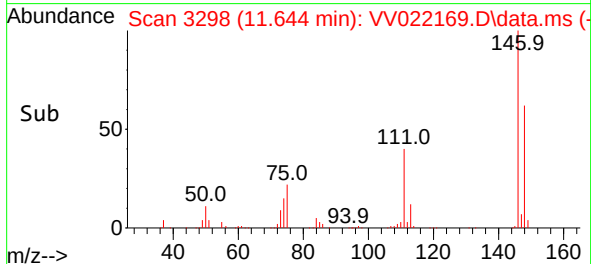
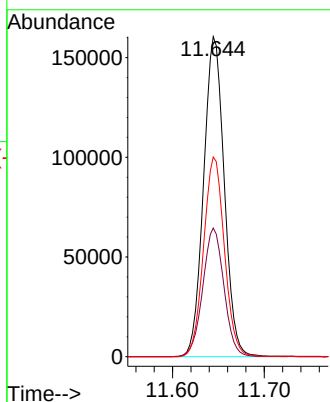
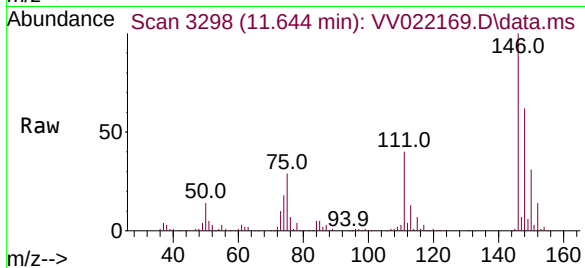




#67
1,2-Dichlorobenzene
Concen: 50.102 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

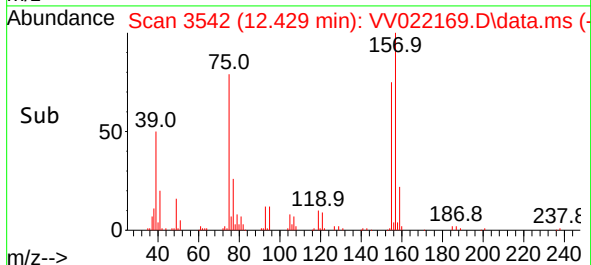
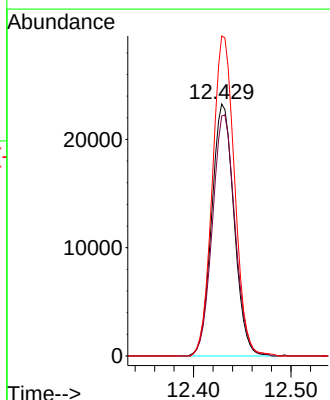
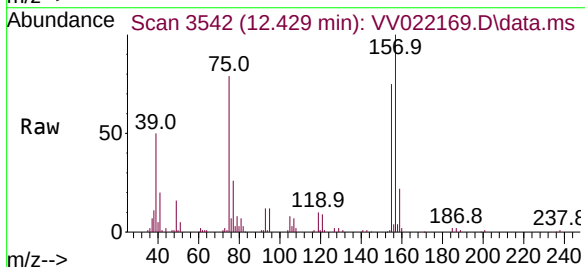
Instrument :
MSVOA_V
ClientSampled :

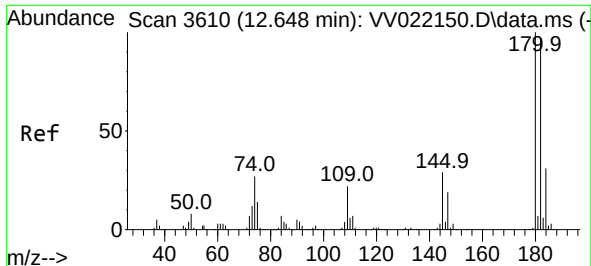
Tgt Ion:146 Resp: 251561
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 62.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 55.886 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion: 75 Resp: 37000
Ion Ratio Lower Upper
75 100
155 95.2 79.8 119.6
157 127.0 98.3 147.5

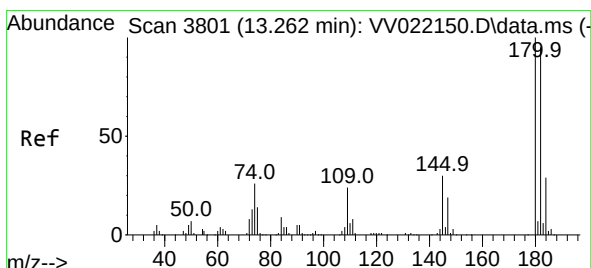
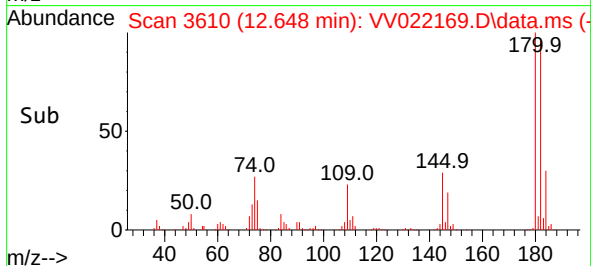
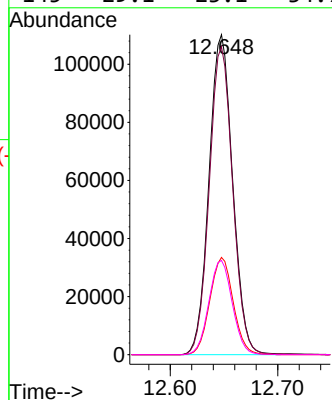
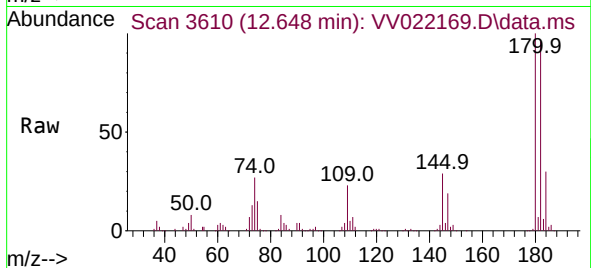




#69
1,3,5-Trichlorobenzene
Concen: 44.503 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

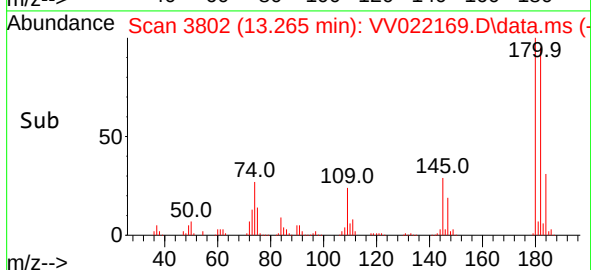
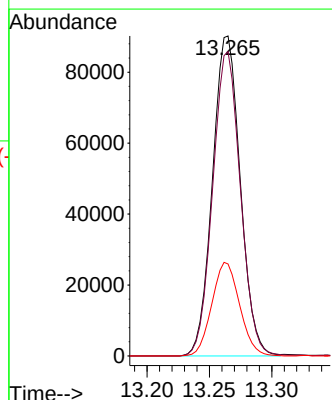
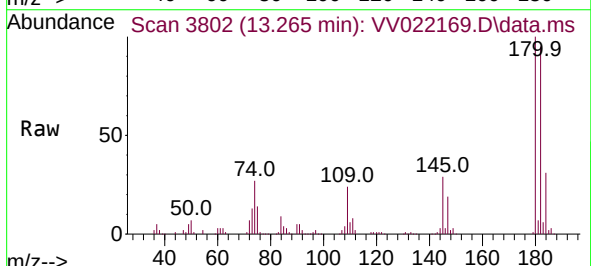
Instrument :
MSVOA_V
ClientSampleId :

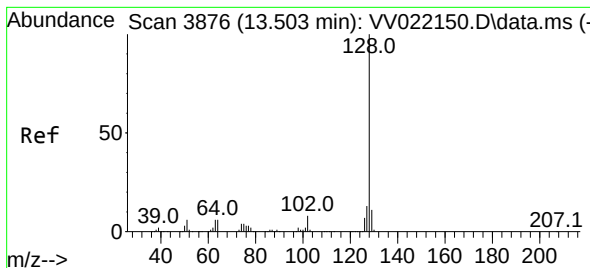
Tgt Ion:180 Resp: 168270
Ion Ratio Lower Upper
180 100
182 95.2 76.4 114.6
184 30.1 24.0 36.0
145 29.1 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 42.108 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion:180 Resp: 140060
Ion Ratio Lower Upper
180 100
182 94.8 75.9 113.9
145 29.2 23.8 35.6

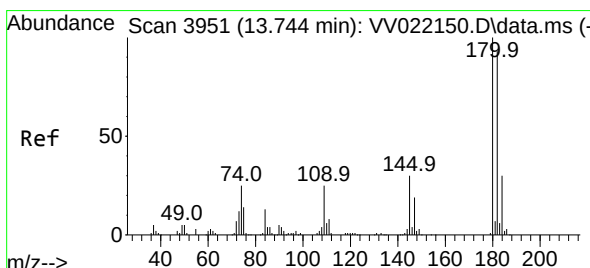
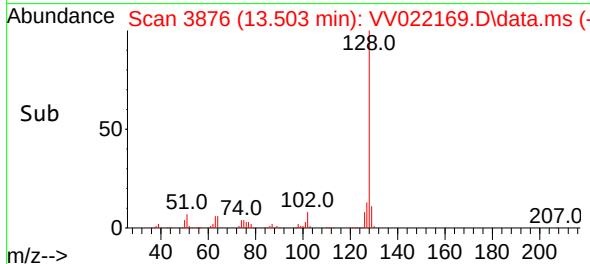
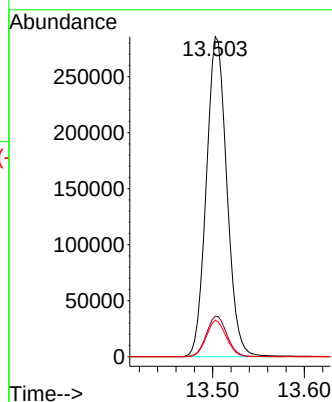
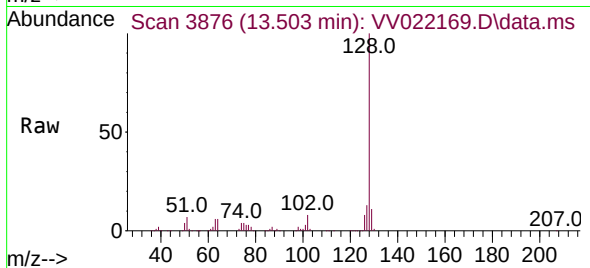




#71
Naphthalene
Concen: 46.331 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 443298
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 46.280 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022169.D
Acq: 16 Sep 2021 20:33

Tgt Ion:180 Resp: 150144
Ion Ratio Lower Upper
180 100
182 96.0 76.3 114.5
145 32.1 25.4 38.0

