

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023092.D
 Acq On : 29 Oct 2021 09:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 30 00:20:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:52:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	290913	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	286662	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	166241	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	97473	48.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.240%
7) Chloroethane-d5	1.565	69	75961	48.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.160%
11) 1,1-Dichloroethene-d2	2.108	63	181893	47.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.780%
21) 2-Butanone-d5	3.873	46	140636	93.627	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.630%
24) Chloroform-d	4.343	84	207603	49.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
26) 1,2-Dichloroethane-d4	5.027	65	123457	49.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.960%
32) Benzene-d6	5.047	84	395773	50.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.066	67	122273	48.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.820%
41) Toluene-d8	7.314	98	371641	51.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.740%
43) trans-1,3-Dichloroprop...	7.619	79	60258	50.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.580%
47) 2-Hexanone-d5	8.085	63	102881	94.756	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	176928	48.425	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	11.622	152	154839	48.286	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	131765	47.646	ug/L	100
3) Chloromethane	1.240	50	121607	46.621	ug/L	99
5) Vinyl chloride	1.311	62	122951	47.172	ug/L	99
6) Bromomethane	1.520	94	67081	45.812	ug/L	98
8) Chloroethane	1.581	64	72919	45.953	ug/L	98
9) Trichlorofluoromethane	1.751	101	185942	47.007	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	98657	46.980	ug/L	99
12) 1,1-Dichloroethene	2.118	96	90661	46.526	ug/L	96
13) Acetone	2.426	43	103227	69.333	ug/L	100
14) Carbon disulfide	2.294	76	283327	48.620	ug/L	100
15) Methyl Acetate	2.426	43	109360	44.253	ug/L	100
16) Methylene chloride	2.503	84	117995	47.269	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	105303	47.352	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	316947	47.458	ug/L	99
19) 1,1-Dichloroethane	3.185	63	194067	46.838	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	115132	48.433	ug/L	98
22) 2-Butanone	3.954	43	173452	102.214	ug/L	99
23) Bromochloromethane	4.243	128	64054	47.814	ug/L	99
25) Chloroform	4.372	83	202251	47.465	ug/L	98

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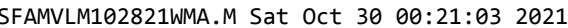
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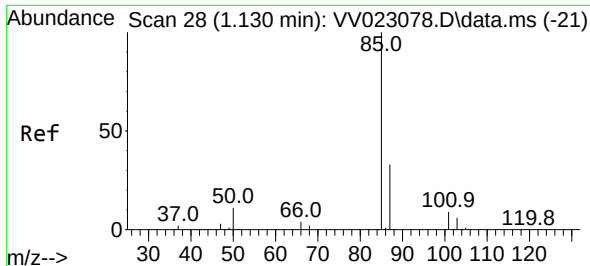
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	152244	47.599	ug/L	100
29) Cyclohexane	4.674	56	165605	49.492	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	179793	47.067	ug/L	99
31) Carbon tetrachloride	4.825	117	160545	46.760	ug/L	99
33) Benzene	5.095	78	438343	49.086	ug/L	100
34) Trichloroethene	5.908	95	109501	46.926	ug/L	98
35) Methylcyclohexane	6.127	83	182173	50.096	ug/L	98
37) 1,2-Dichloropropane	6.169	63	112518	47.944	ug/L	100
38) Bromodichloromethane	6.506	83	150548	47.395	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	171606	48.213	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	284865	94.111	ug/L	100
42) Toluene	7.384	91	479044	50.122	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	171640	49.739	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	112094	46.778	ug/L	97
46) Tetrachloroethene	7.973	164	96990	48.209	ug/L	98
48) 2-Hexanone	8.137	43	238202	99.115	ug/L	99
49) Dibromochloromethane	8.243	129	129686	47.362	ug/L	98
50) 1,2-Dibromoethane	8.349	107	117736	46.646	ug/L	99
51) Chlorobenzene	8.879	112	308236	47.743	ug/L	99
52) Ethylbenzene	9.011	91	500999	49.267	ug/L	100
53) m,p-Xylene	9.137	106	200561	51.164	ug/L	97
54) o-Xylene	9.542	106	192137	50.359	ug/L	97
55) Styrene	9.558	104	345083	52.038	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	177805	46.527	ug/L	99
59) Bromoform	9.731	173	94607	44.991	ug/L	99
60) Isopropylbenzene	9.931	105	505307	47.579	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	137618	44.170	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	419064	47.910	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	435279	49.570	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	253686	47.250	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	260306	46.548	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	251739	46.370	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	36977	42.524	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	190285	46.857	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	166759	47.381	ug/L	99
71) Naphthalene	13.503	128	526122	46.560	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	177381	47.680	ug/L	99

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

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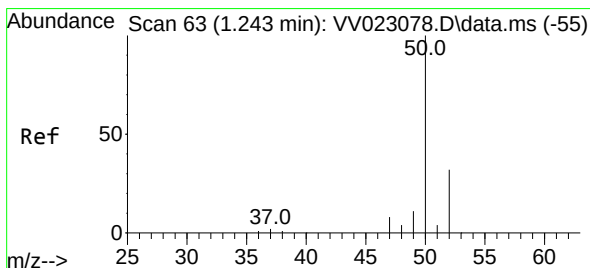
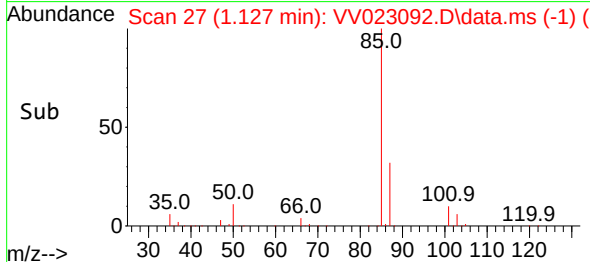
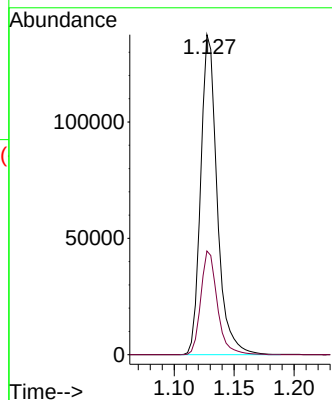
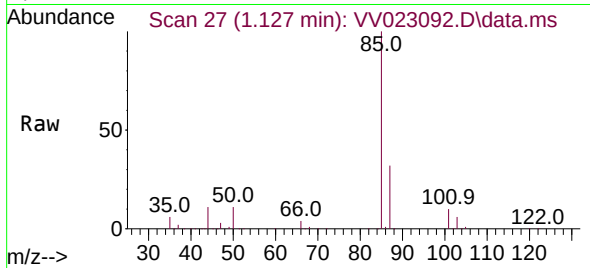




#2
 Dichlorodifluoromethane
 Concen: 47.646 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: VV023092.D
 Acq: 29 Oct 2021 09:49

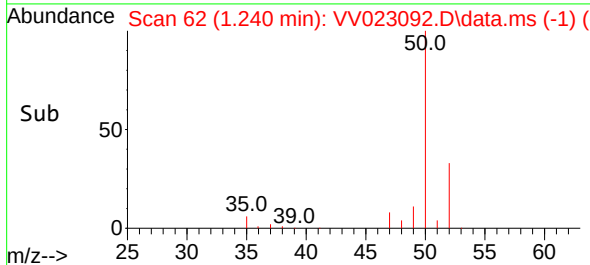
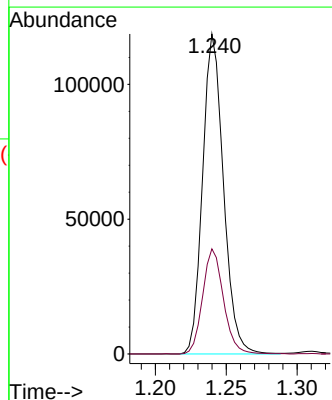
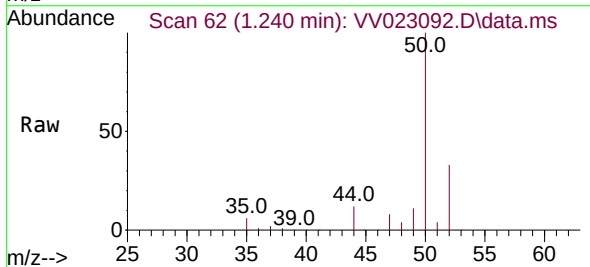
Instrument :
 MSVOA_V
 ClientSampled :

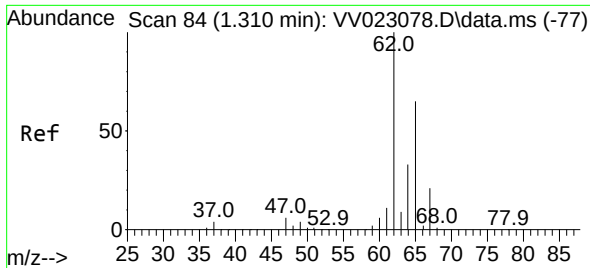
Tgt Ion: 85 Resp: 131765
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.2



#3
 Chloromethane
 Concen: 46.621 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV023092.D
 Acq: 29 Oct 2021 09:49

Tgt Ion: 50 Resp: 121607
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.9

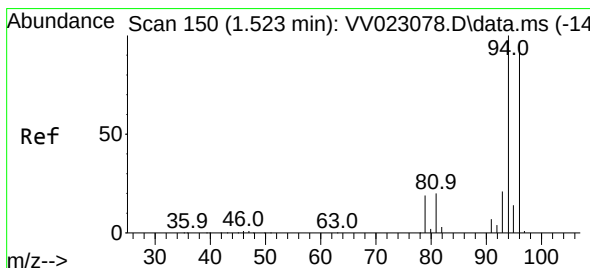
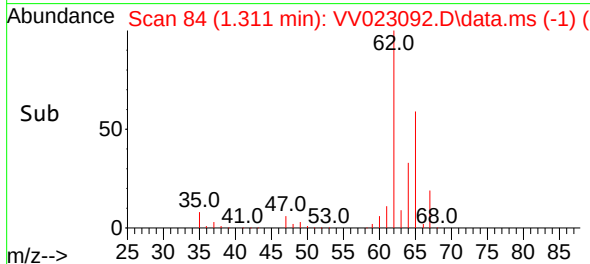
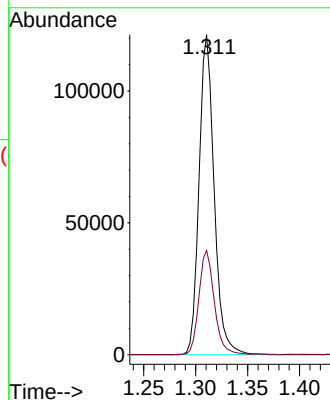
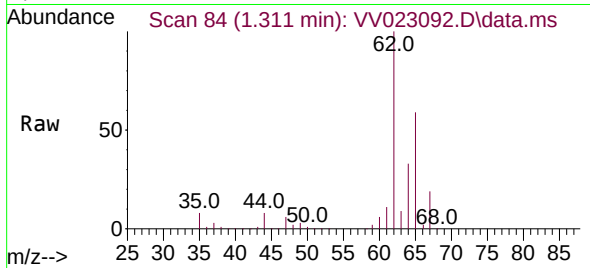




#5
 Vinyl chloride
 Concen: 47.172 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023092.D
 Acq: 29 Oct 2021 09:49

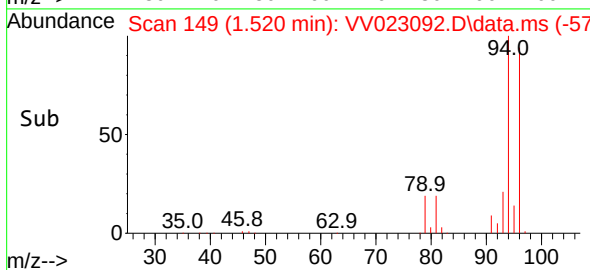
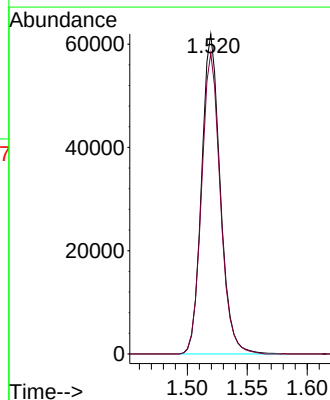
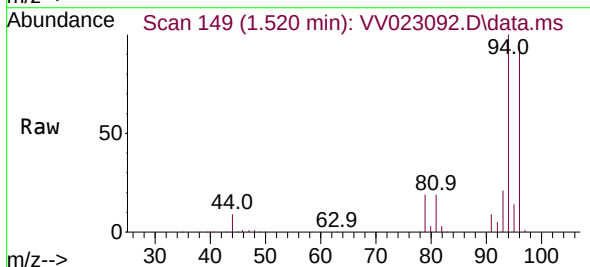
Instrument :
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 ClientSampled :

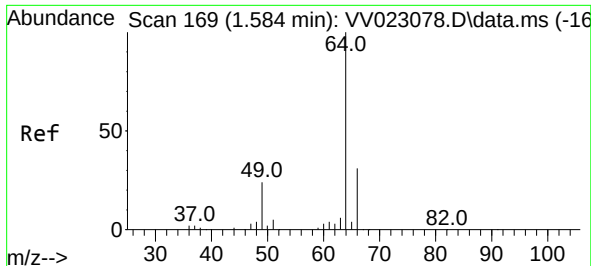
Tgt Ion: 62 Resp: 122951
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.4



#6
 Bromomethane
 Concen: 45.812 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023092.D
 Acq: 29 Oct 2021 09:49

Tgt Ion: 94 Resp: 67081
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.8 124.2

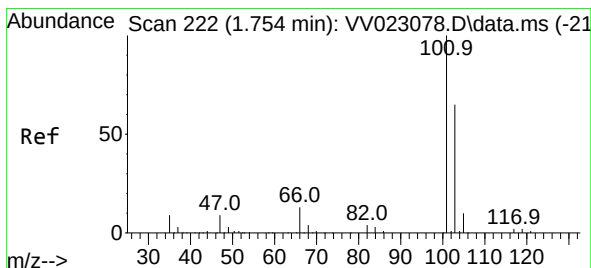
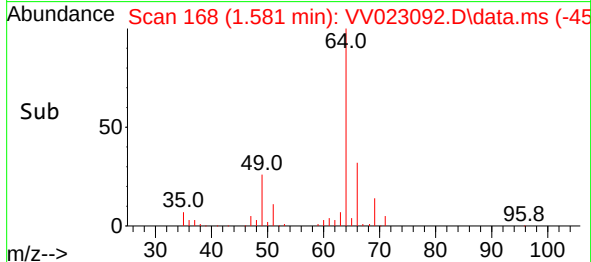
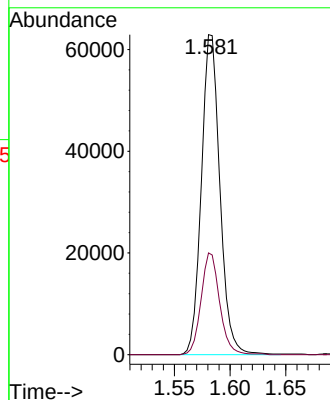
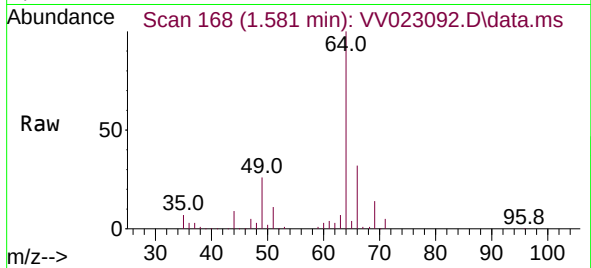




#8
Chloroethane
Concen: 45.953 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

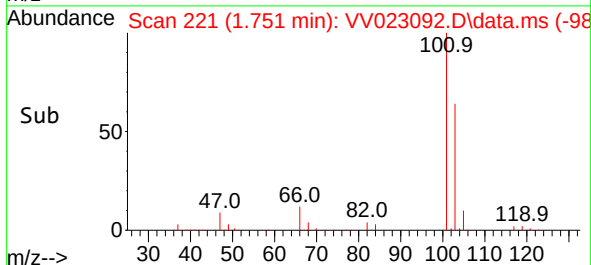
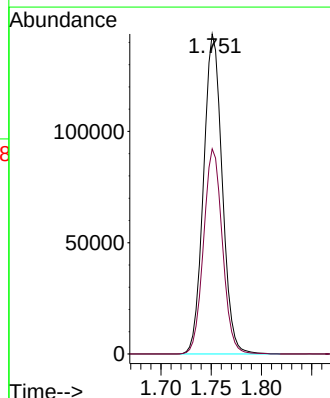
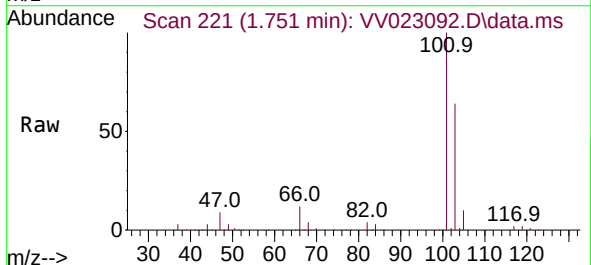
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ClientSampled :

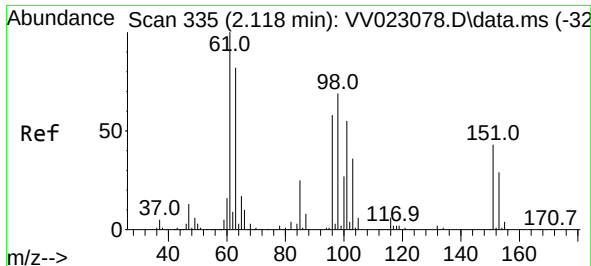
Tgt Ion: 64 Resp: 72919
Ion Ratio Lower Upper
64 100
66 31.8 21.3 39.6



#9
Trichlorofluoromethane
Concen: 47.007 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 101 Resp: 185942
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2

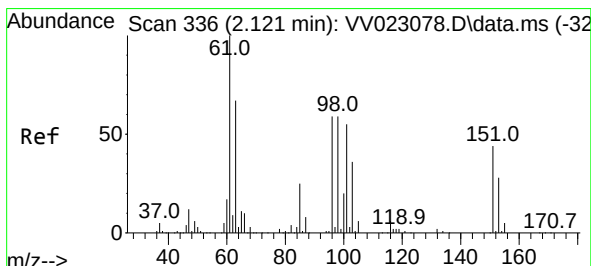
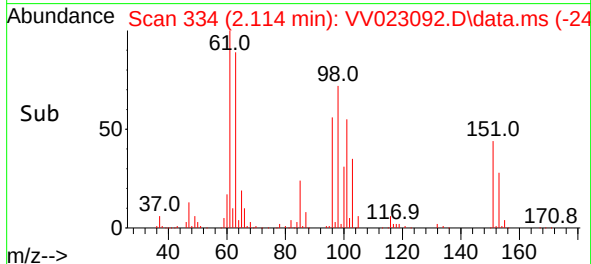
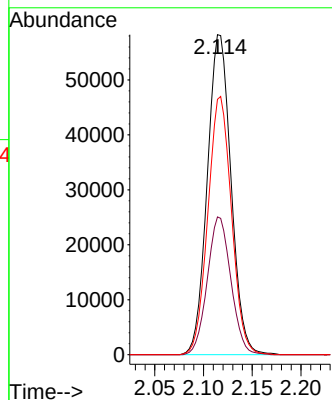
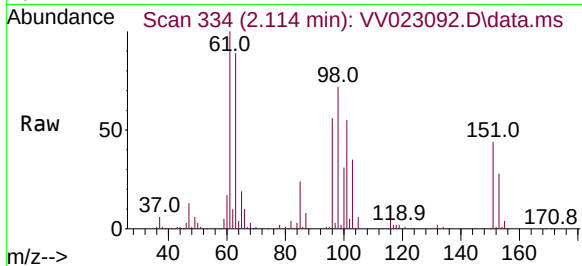




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.980 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023092.D
 Acq: 29 Oct 2021 09:49

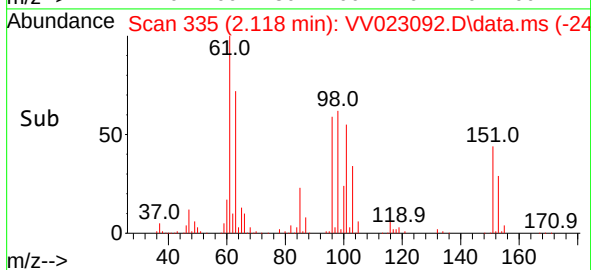
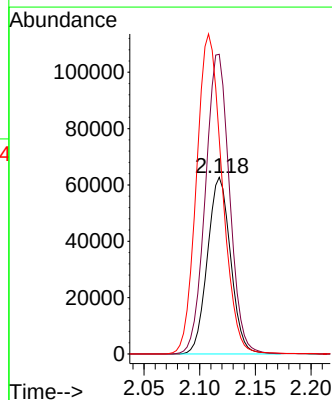
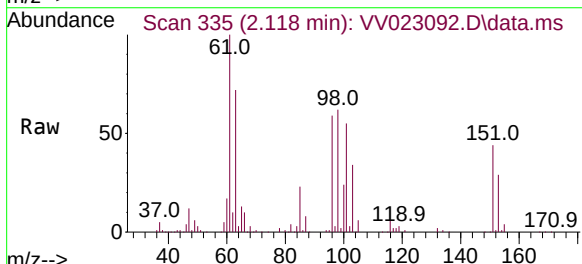
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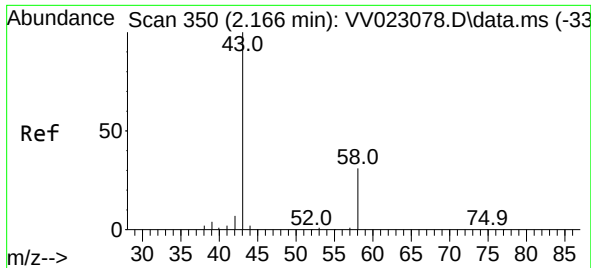
Tgt Ion:101 Resp: 98657
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.1 52.7
 151 80.2 63.4 95.2



#12
 1,1-Dichloroethene
 Concen: 46.526 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV023092.D
 Acq: 29 Oct 2021 09:49

Tgt Ion: 96 Resp: 90661
 Ion Ratio Lower Upper
 96 100
 61 169.7 117.7 218.7
 63 121.8 79.2 147.2

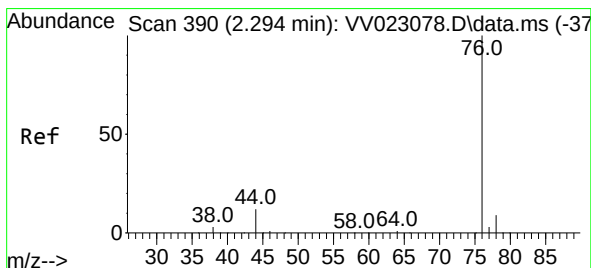
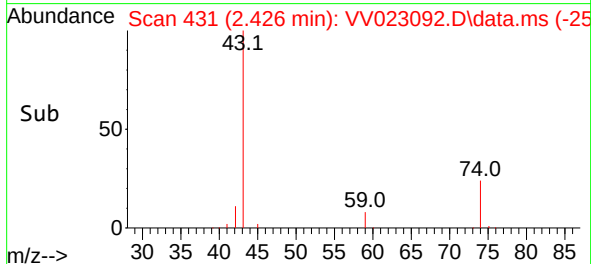
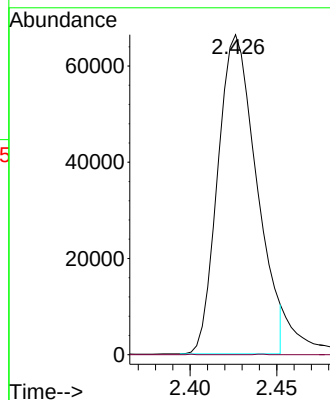
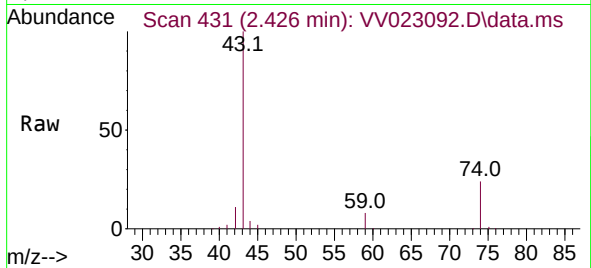




#13
Acetone
Concen: 69.333 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.260 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

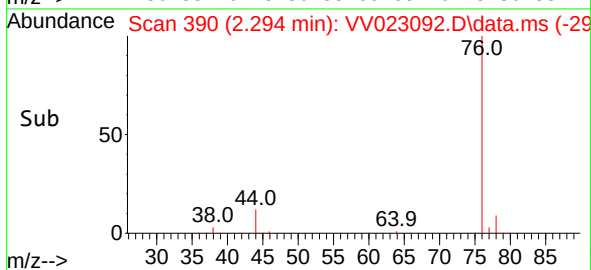
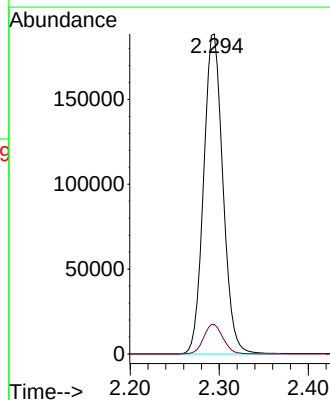
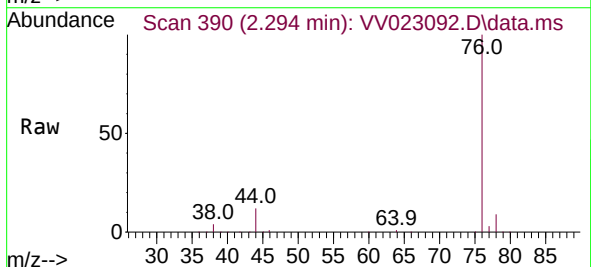
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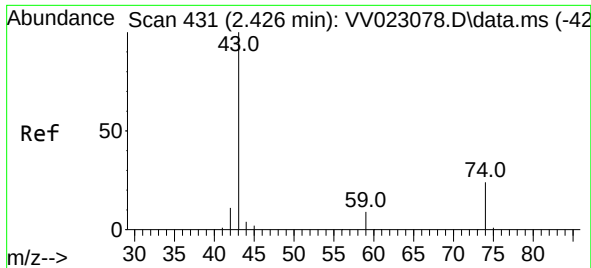
Tgt Ion: 43 Resp: 103227
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 48.620 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023092.D
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Tgt Ion: 76 Resp: 283327
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

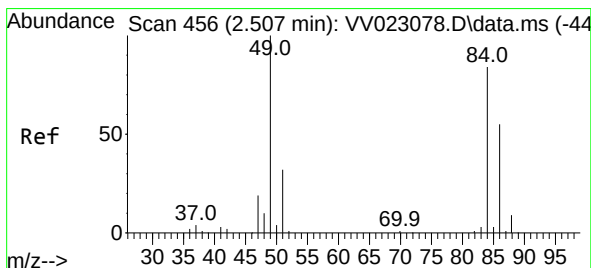
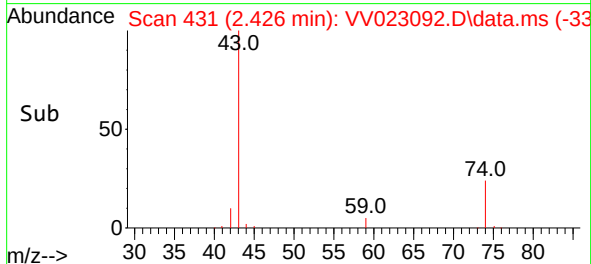
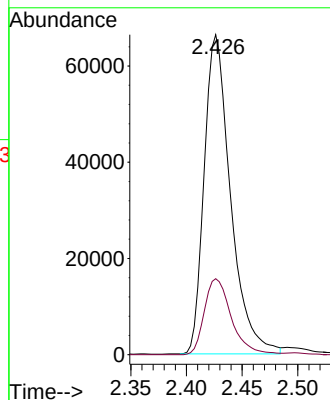
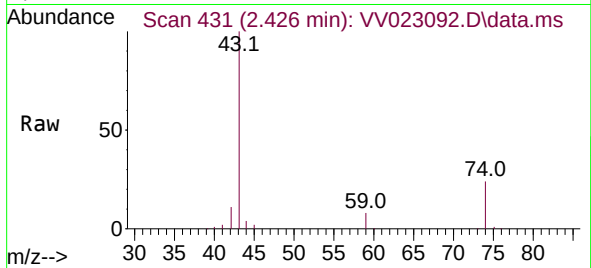




#15
Methyl Acetate
Concen: 44.253 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

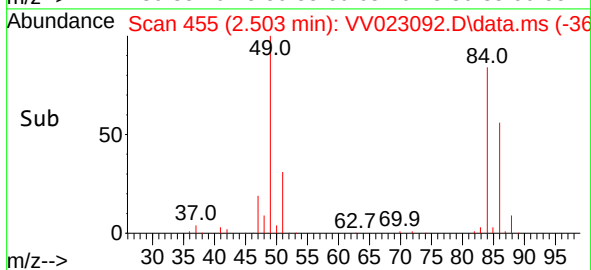
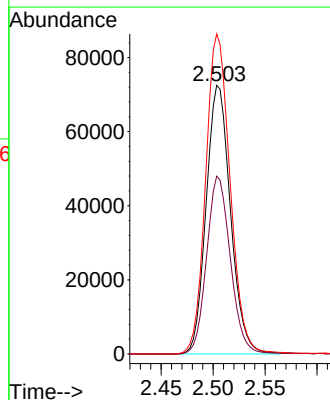
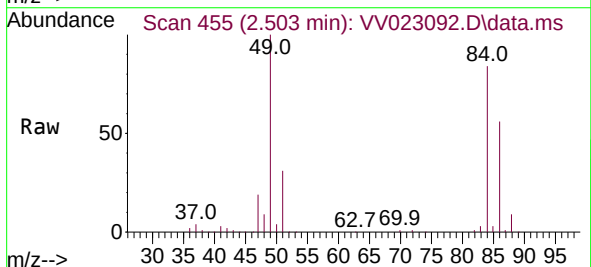
Instrument :
MSVOA_V
ClientSampled :

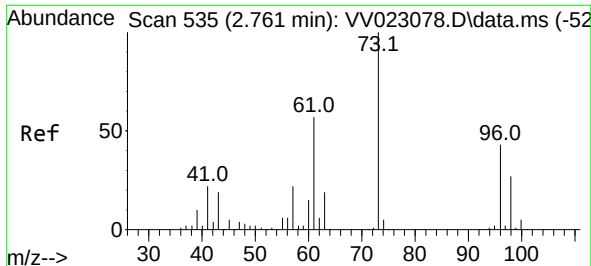
Tgt Ion: 43 Resp: 109360
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2



#16
Methylene chloride
Concen: 47.269 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 84 Resp: 117995
Ion Ratio Lower Upper
84 100
86 66.2 45.4 84.2
49 119.1 83.0 154.1

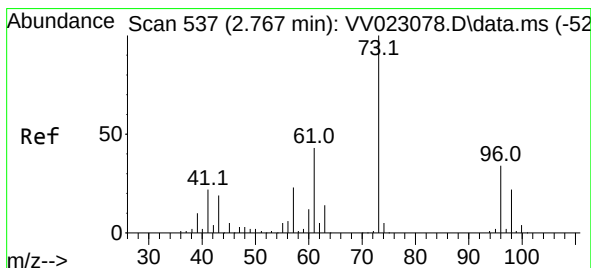
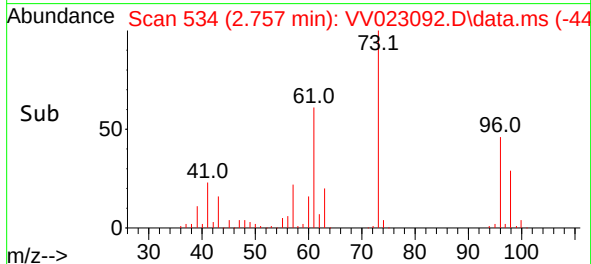
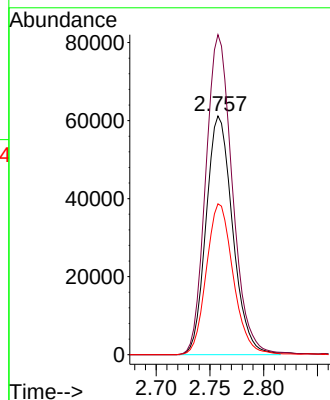
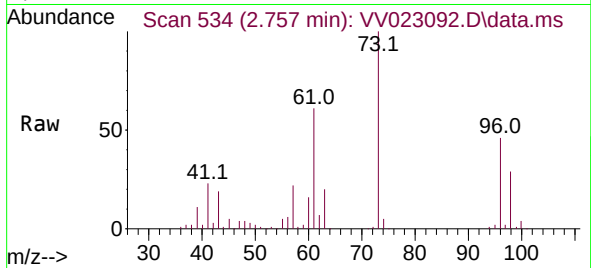




#17
trans-1,2-Dichloroethene
Concen: 47.352 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

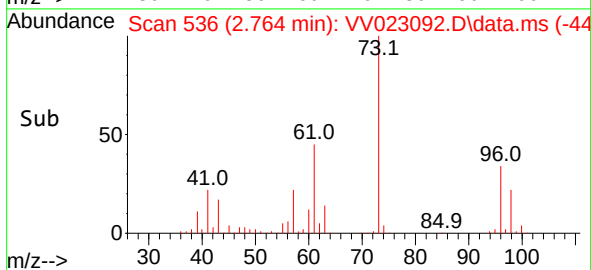
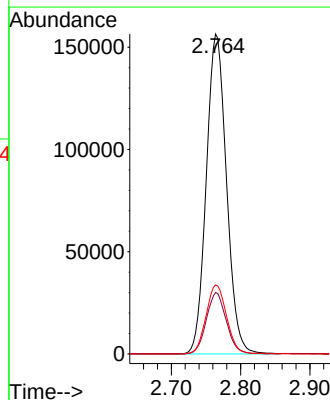
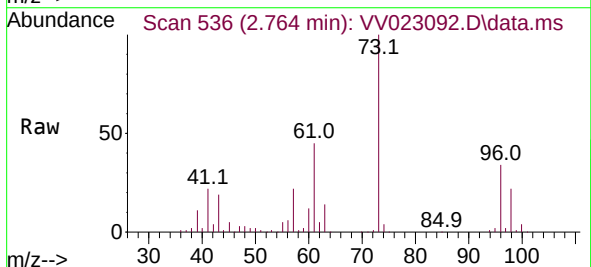
Instrument :
MSVOA_V
ClientSampleId :

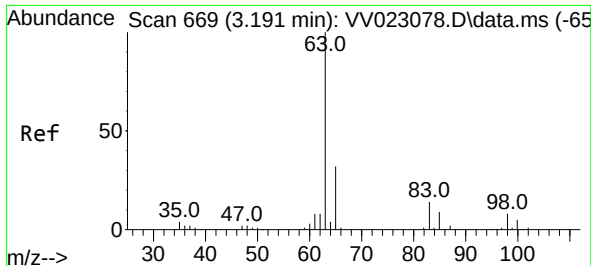
Tgt Ion: 96 Resp: 105303
Ion Ratio Lower Upper
96 100
61 134.0 92.2 171.2
98 63.2 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 47.458 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 73 Resp: 316947
Ion Ratio Lower Upper
73 100
43 19.0 14.9 22.3
57 21.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 46.838 ug/L

RT: 3.185 min Scan# 667

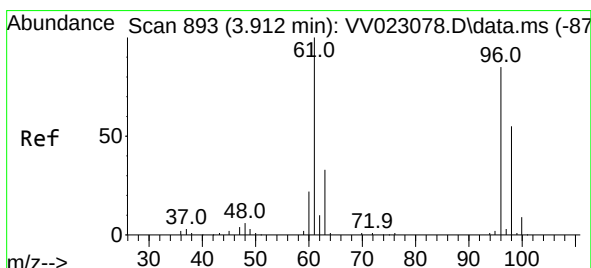
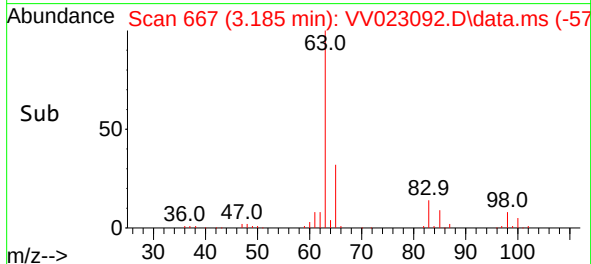
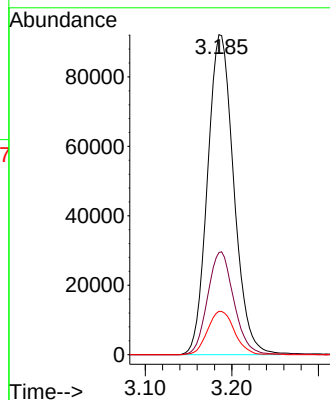
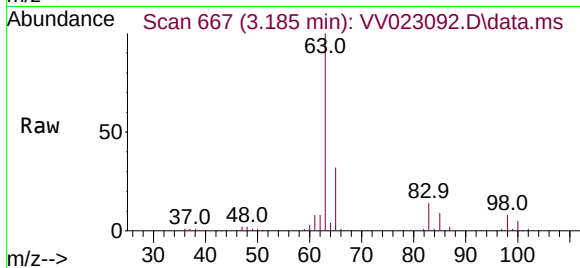
Delta R.T. -0.006 min

Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

Tgt Ion: 63 Resp: 194067

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.3	41.5
83	13.6	9.8	18.2



#20

cis-1,2-Dichloroethene

Concen: 48.433 ug/L

RT: 3.908 min Scan# 892

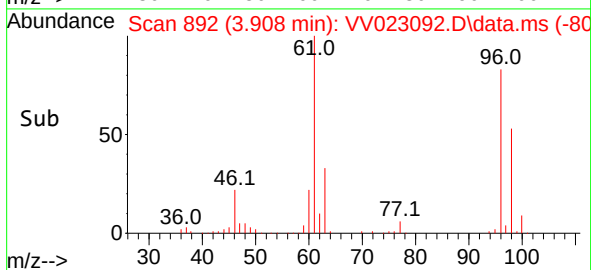
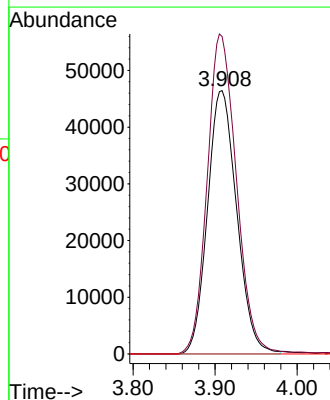
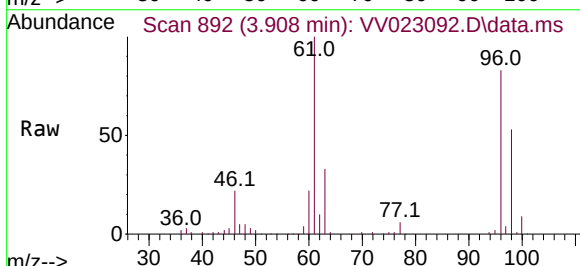
Delta R.T. -0.003 min

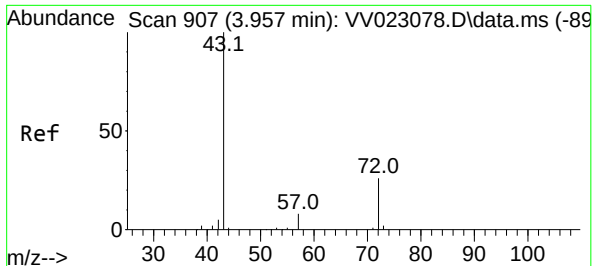
Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

Tgt Ion: 96 Resp: 115132

Ion	Ratio	Lower	Upper
96	100		
61	120.5	83.0	154.1
68	0.0	0.0	0.0

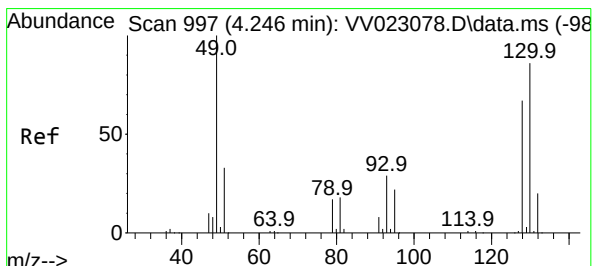
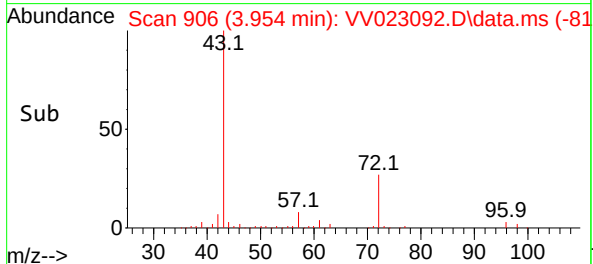
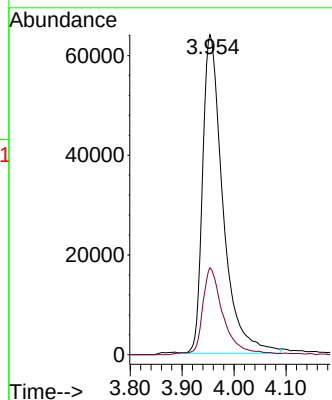
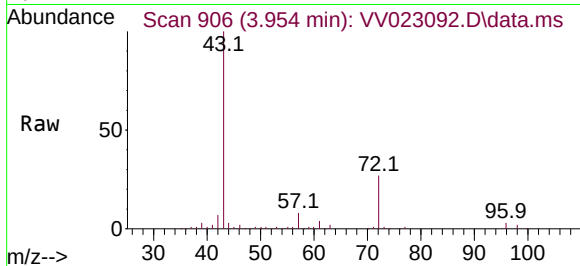




#22
2-Butanone
Concen: 102.214 ug/L
RT: 3.954 min Scan# 906
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

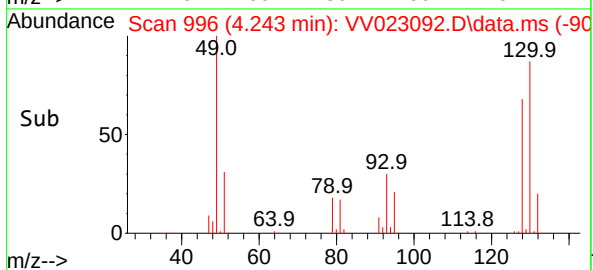
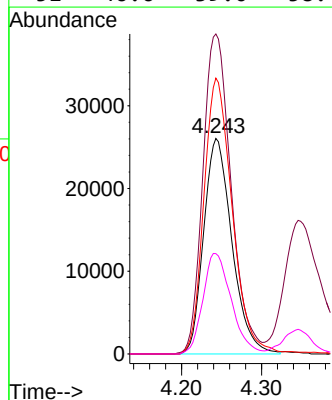
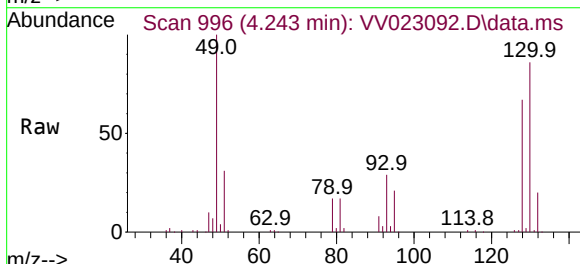
Instrument :
MSVOA_V
ClientSampled :

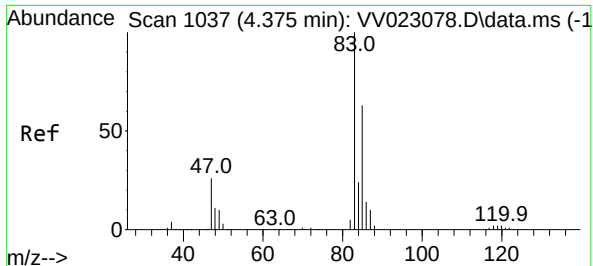
Tgt Ion: 43 Resp: 173452
Ion Ratio Lower Upper
43 100
72 26.1 13.4 40.1



#23
Bromochloromethane
Concen: 47.814 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion:128 Resp: 64054
Ion Ratio Lower Upper
128 100
49 148.4 104.7 194.4
130 128.0 89.7 166.7
51 46.6 39.0 58.4



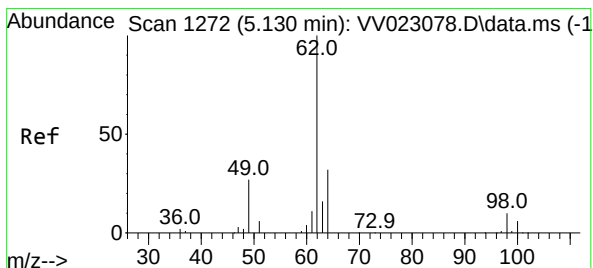
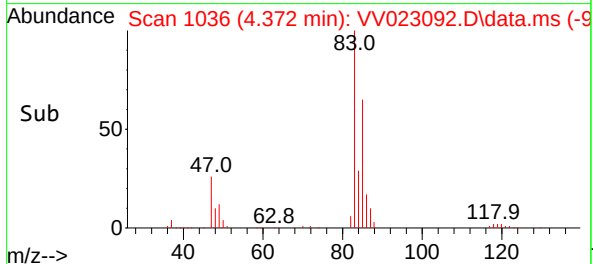
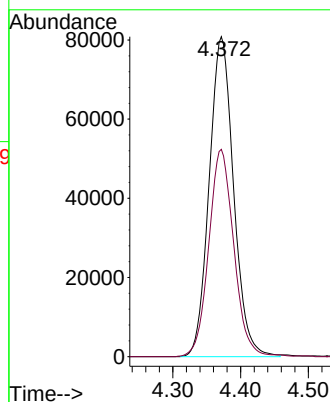
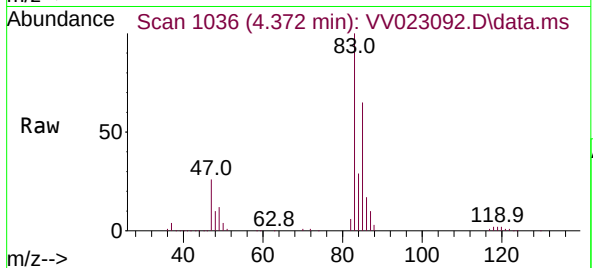


#25

Chloroform
Concen: 47.465 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Instrument :
MSVOA_V
ClientSampled :

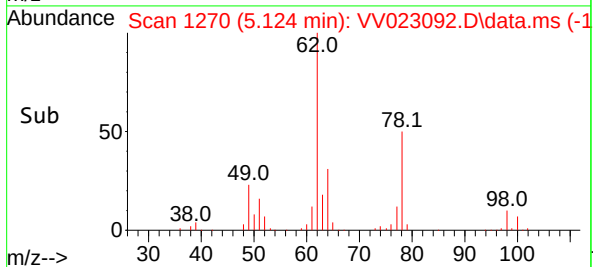
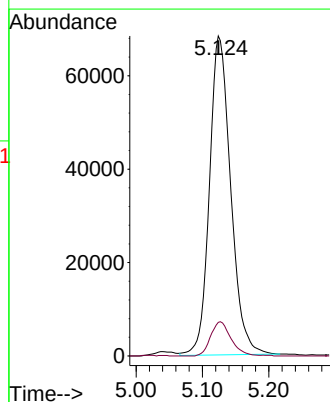
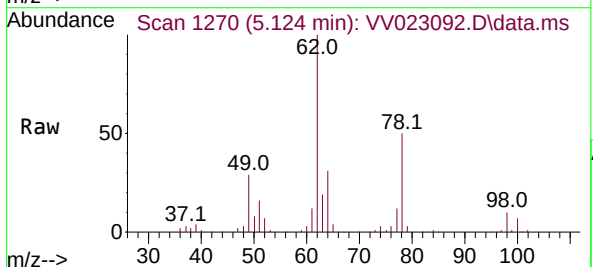
Tgt Ion: 83 Resp: 202251
Ion Ratio Lower Upper
83 100
85 64.8 44.4 82.4

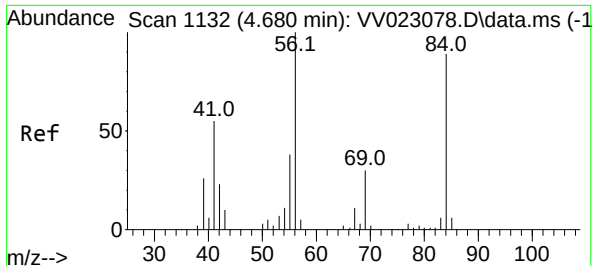


#27

1,2-Dichloroethane
Concen: 47.599 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.006 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 62 Resp: 152244
Ion Ratio Lower Upper
62 100
98 10.5 8.2 12.4





#29

Cyclohexane

Concen: 49.492 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

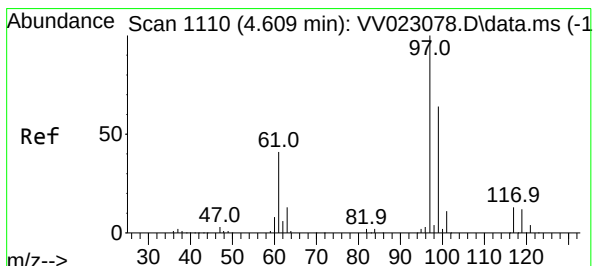
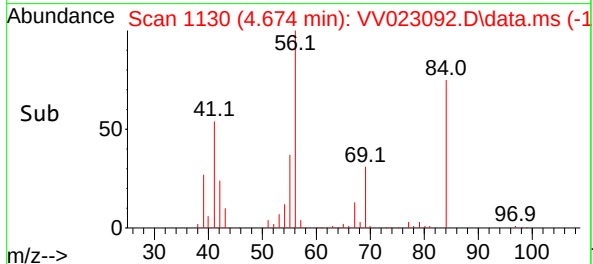
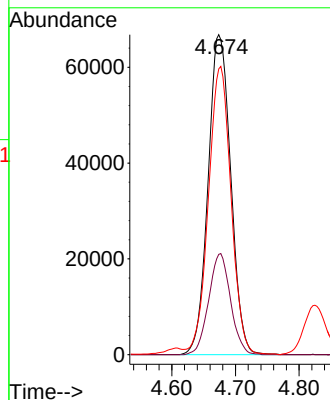
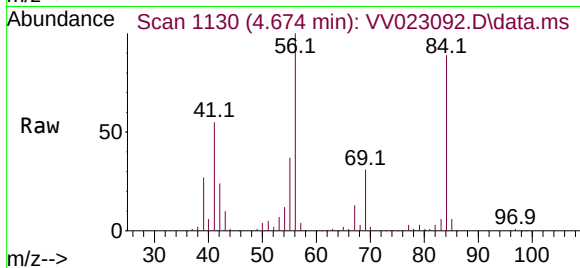
Tgt Ion: 56 Resp: 165605

Ion Ratio Lower Upper

56 100

69 30.4 24.6 36.8

84 89.1 72.8 109.2



#30

1,1,1-Trichloroethane

Concen: 47.067 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

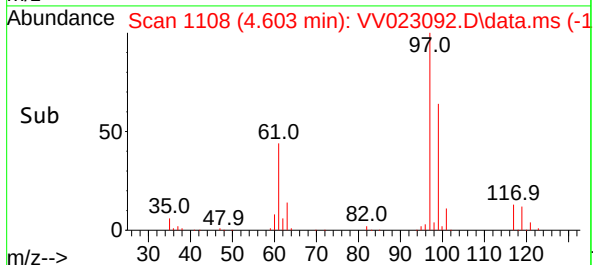
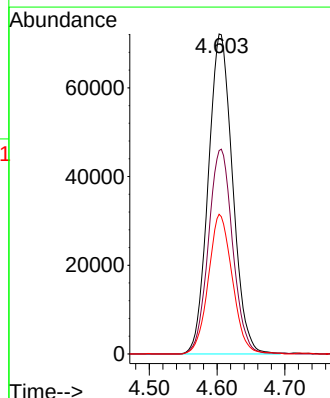
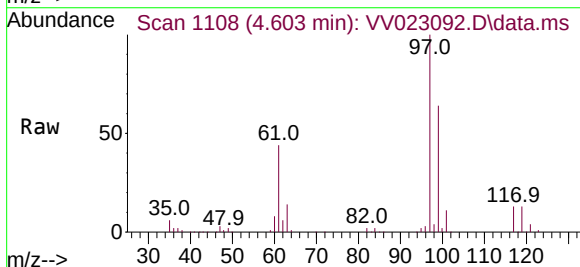
Tgt Ion: 97 Resp: 179793

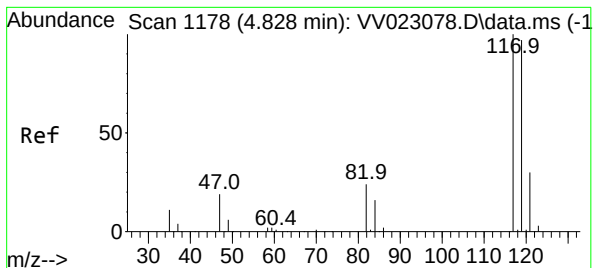
Ion Ratio Lower Upper

97 100

99 63.9 51.9 77.9

61 43.0 33.8 50.6

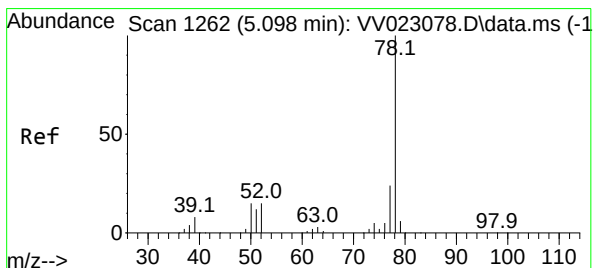
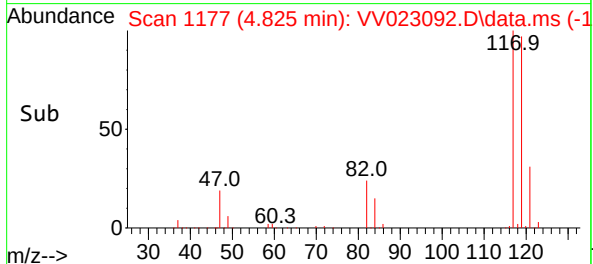
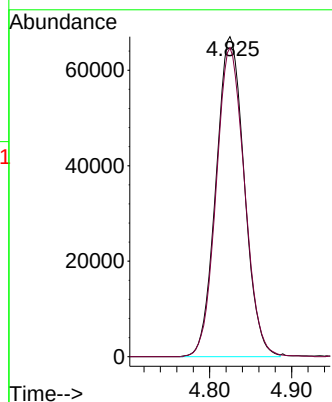
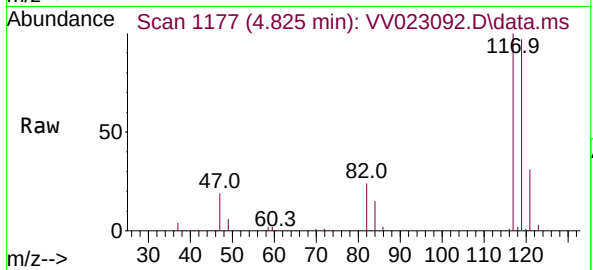




#31
Carbon tetrachloride
Concen: 46.760 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

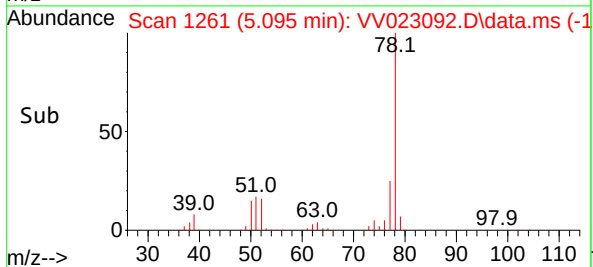
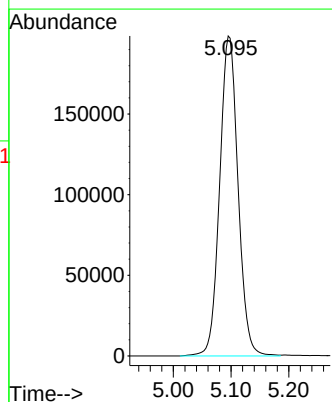
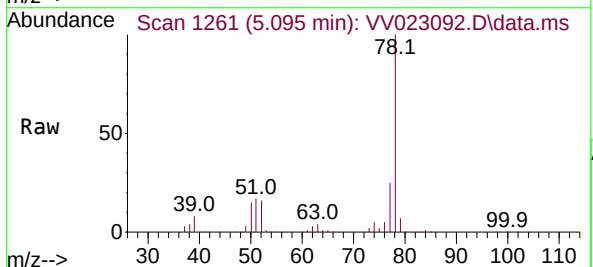
Instrument :
MSVOA_V
ClientSampled :

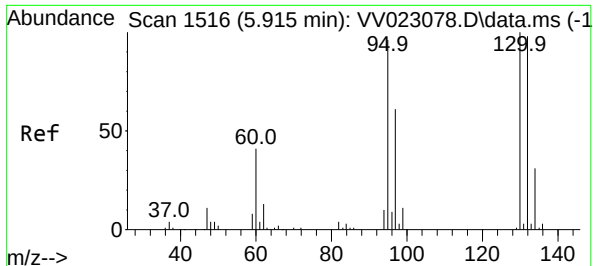
Tgt Ion:117 Resp: 160545
Ion Ratio Lower Upper
117 100
119 97.0 77.0 115.4



#33
Benzene
Concen: 49.086 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 78 Resp: 438343





#34

Trichloroethene

Concen: 46.926 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.006 min

Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

Tgt Ion: 95 Resp: 109501

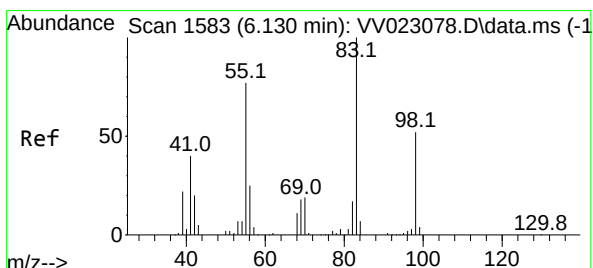
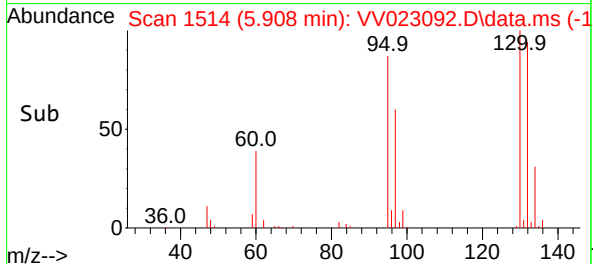
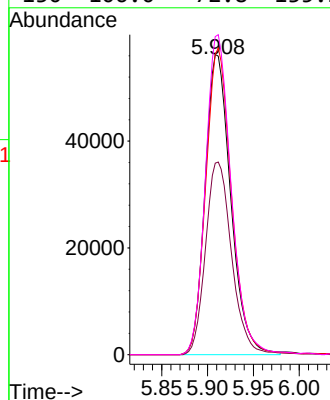
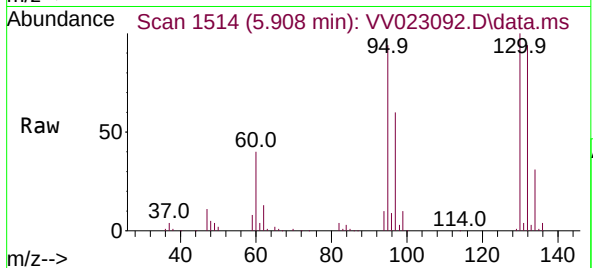
Ion Ratio Lower Upper

95 100

97 63.8 44.4 82.5

132 100.0 71.5 132.9

130 106.0 72.8 135.2



#35

Methylcyclohexane

Concen: 50.096 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

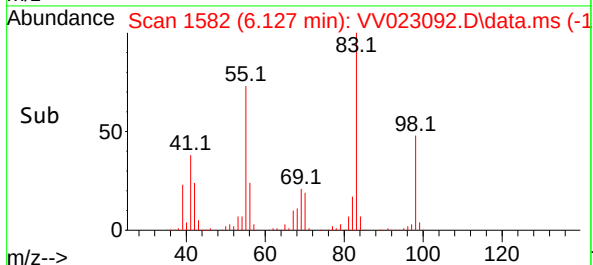
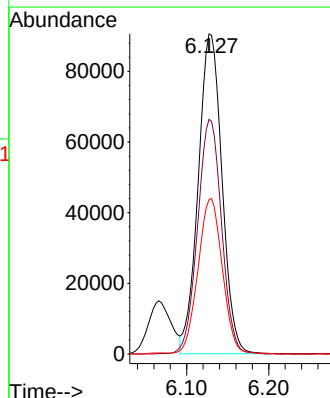
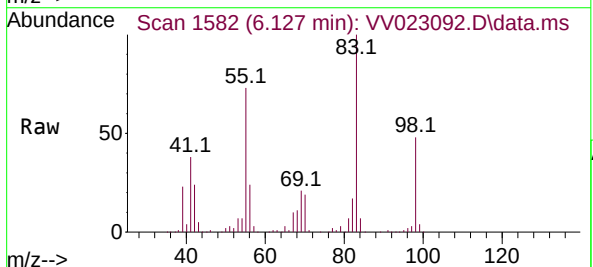
Tgt Ion: 83 Resp: 182173

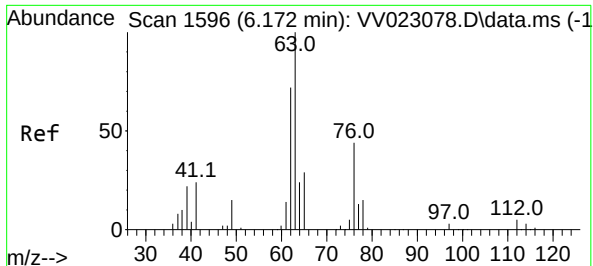
Ion Ratio Lower Upper

83 100

55 74.0 60.1 90.1

98 49.8 41.2 61.8

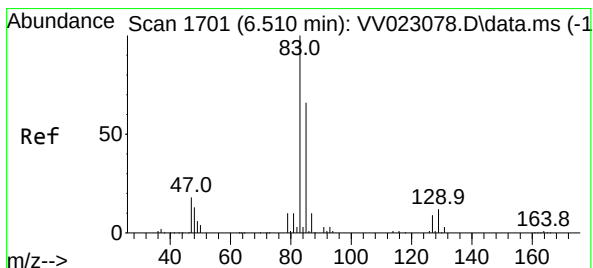
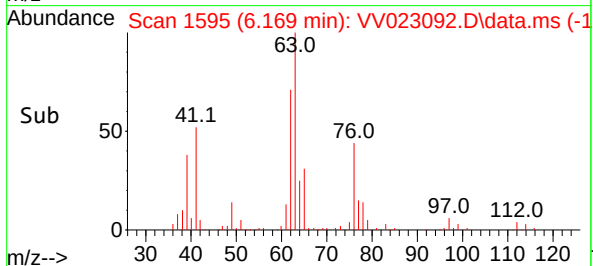
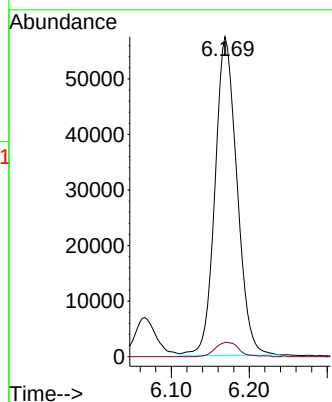
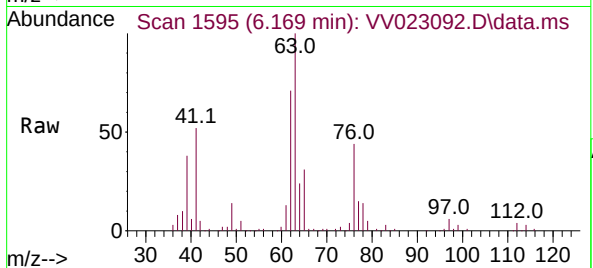




#37
1,2-Dichloropropane
Concen: 47.944 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

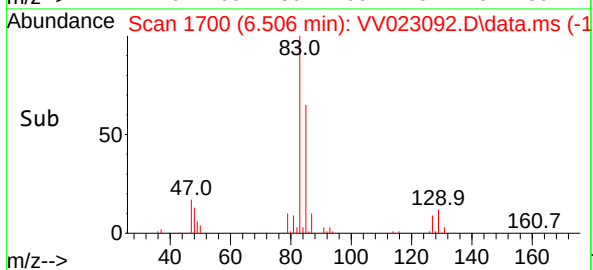
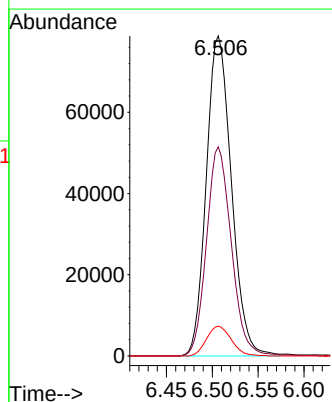
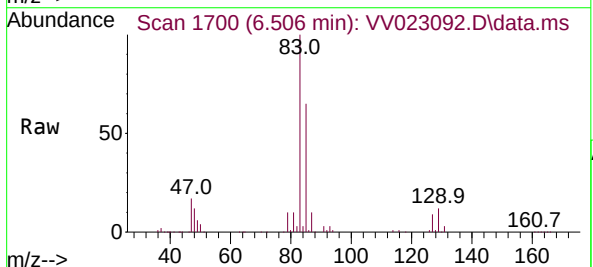
Instrument :
MSVOA_V
ClientSampled :

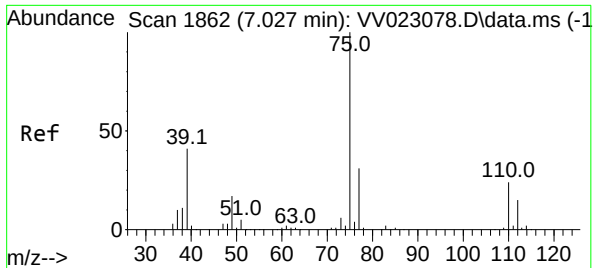
Tgt Ion: 63 Resp: 112518
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 47.395 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 83 Resp: 150548
Ion Ratio Lower Upper
83 100
85 65.3 46.1 85.5
127 9.3 7.4 11.0

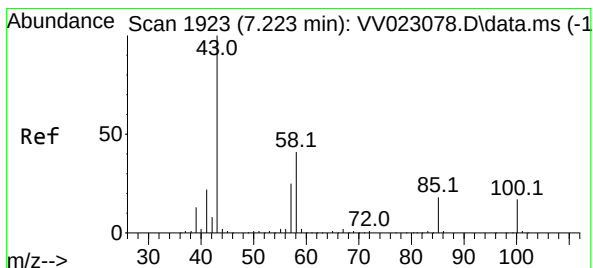
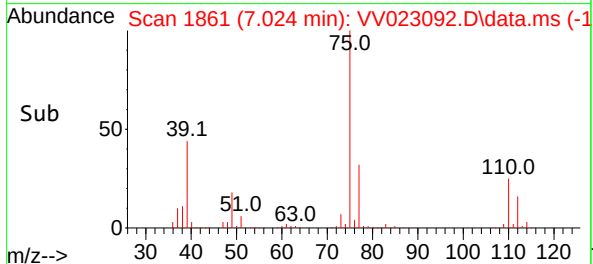
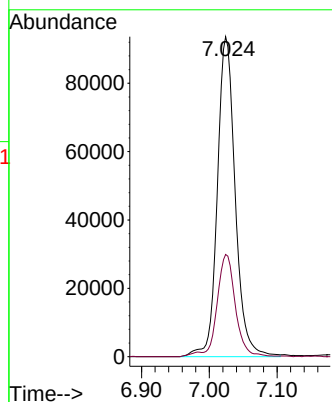
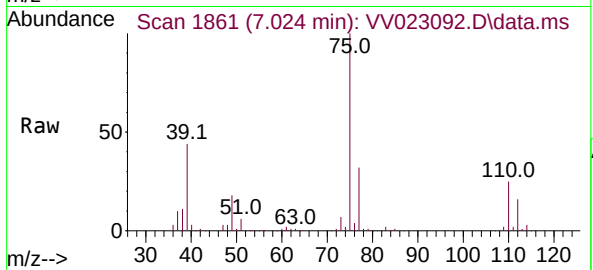




#39
 cis-1,3-Dichloropropene
 Concen: 48.213 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV023092.D
 Acq: 29 Oct 2021 09:49

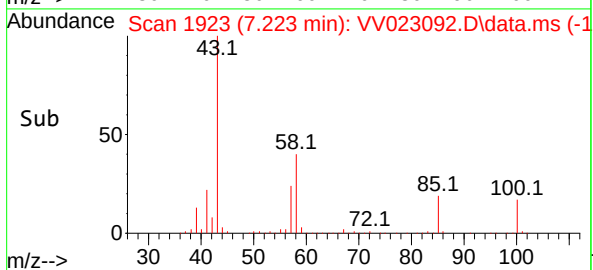
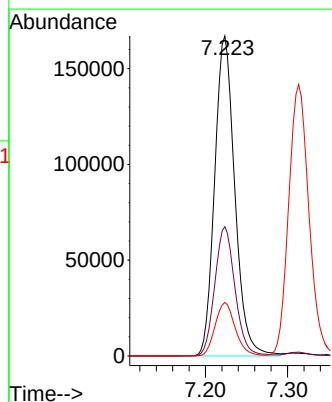
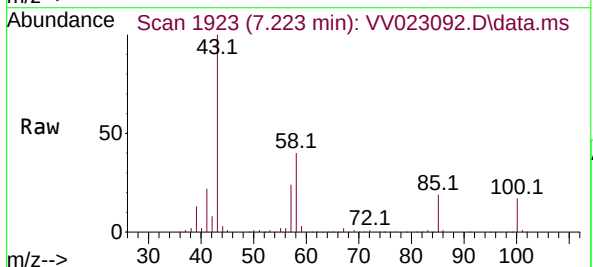
Instrument :
 MSVOA_V
 ClientSampled :

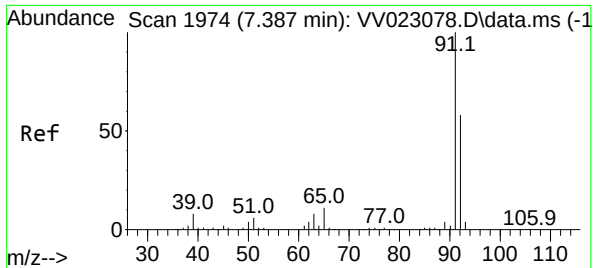
Tgt Ion: 75 Resp: 171606
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 94.111 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV023092.D
 Acq: 29 Oct 2021 09:49

Tgt Ion: 43 Resp: 284865
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.4 48.6
 100 16.7 13.4 20.2

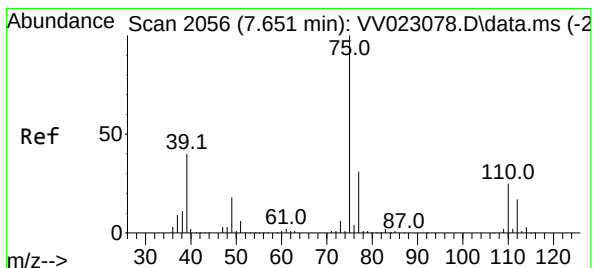
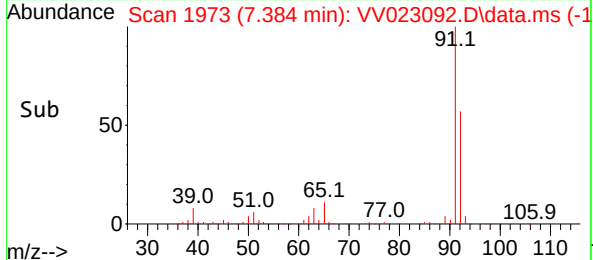
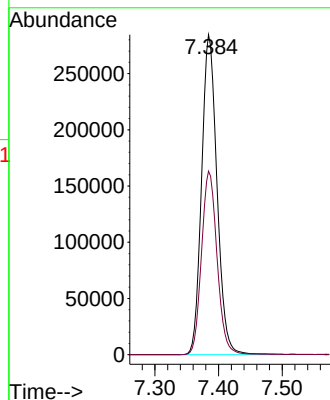
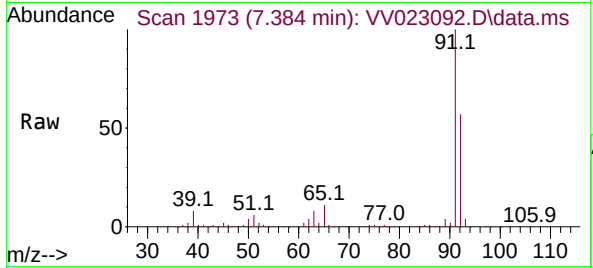




#42
Toluene
Concen: 50.122 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

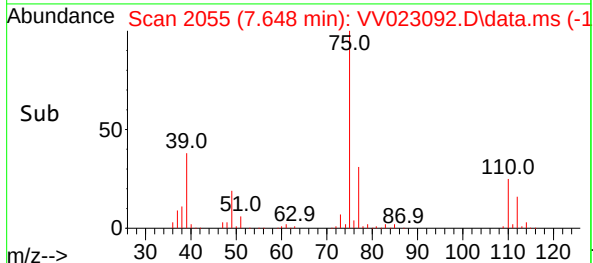
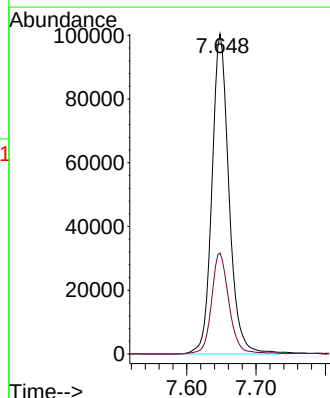
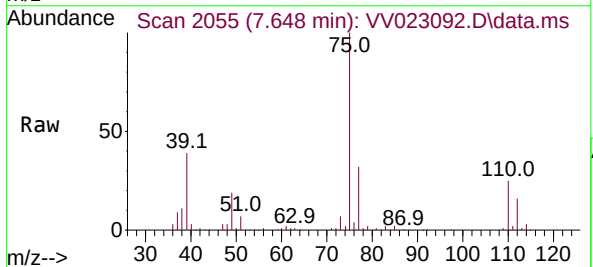
Instrument :
MSVOA_V
ClientSampled :

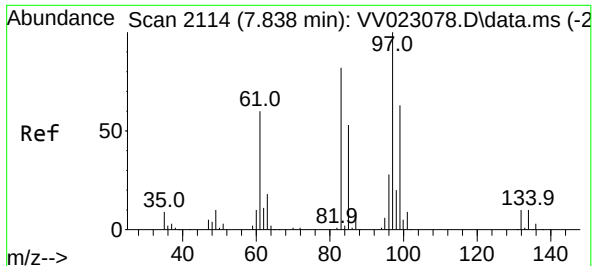
Tgt Ion: 91 Resp: 479044
Ion Ratio Lower Upper
91 100
92 57.4 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 49.739 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 75 Resp: 171640
Ion Ratio Lower Upper
75 100
77 31.6 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 46.778 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

Tgt Ion: 97 Resp: 112094

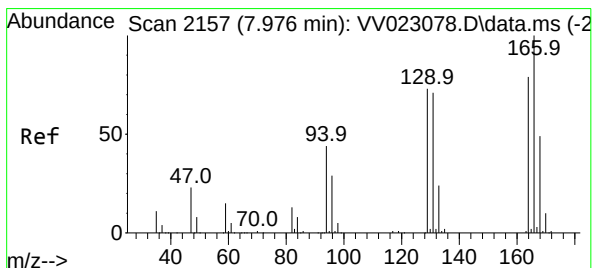
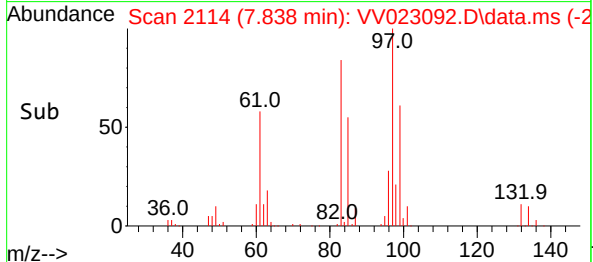
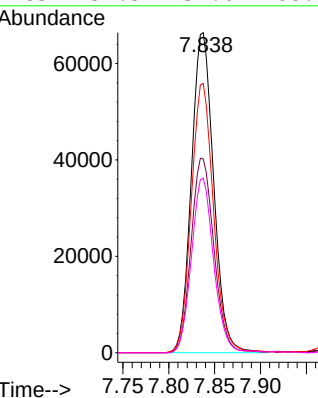
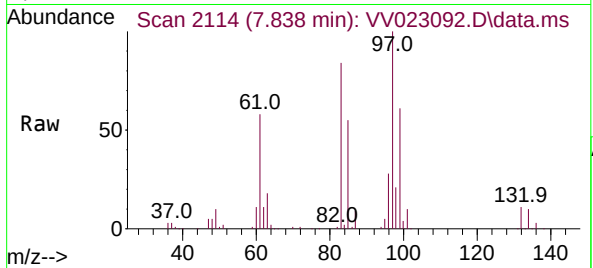
Ion Ratio Lower Upper

97 100

99 60.6 44.2 82.2

83 84.1 57.7 107.1

85 54.5 37.0 68.6



#46

Tetrachloroethene

Concen: 48.209 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

Tgt Ion: 164 Resp: 96990

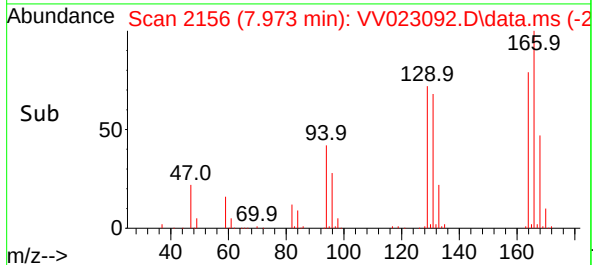
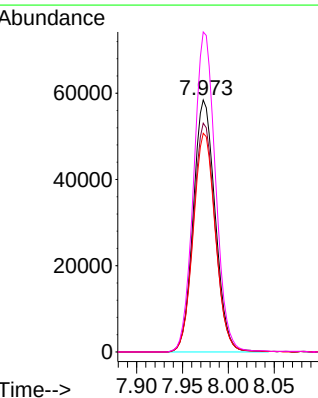
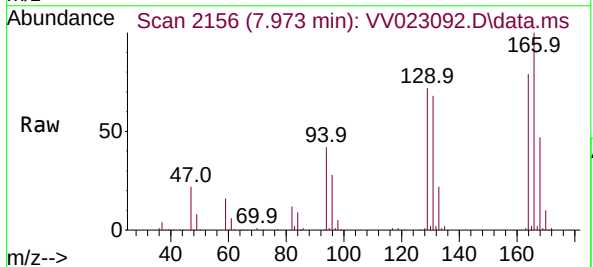
Ion Ratio Lower Upper

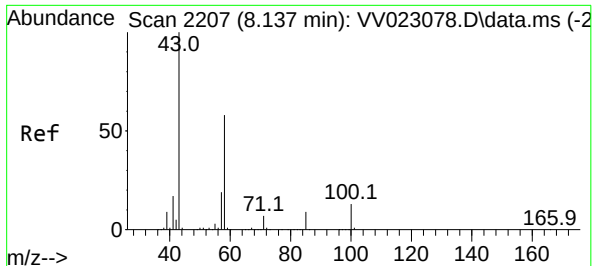
164 100

129 90.8 64.6 120.0

131 86.8 62.9 116.7

166 127.0 88.4 164.2

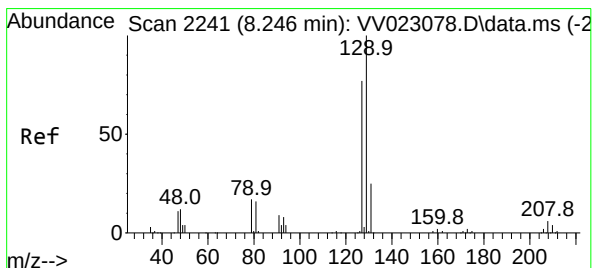
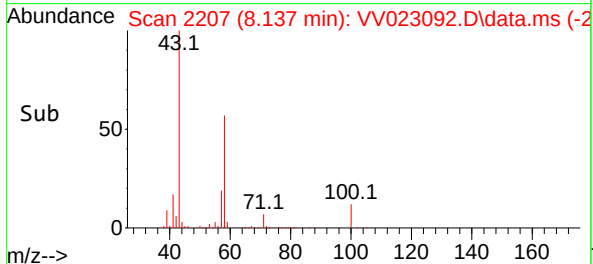
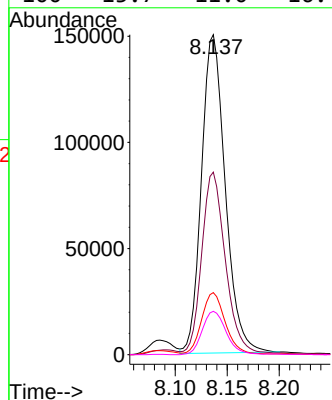
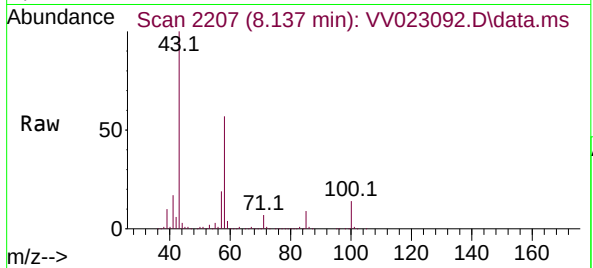




#48
2-Hexanone
Concen: 99.115 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

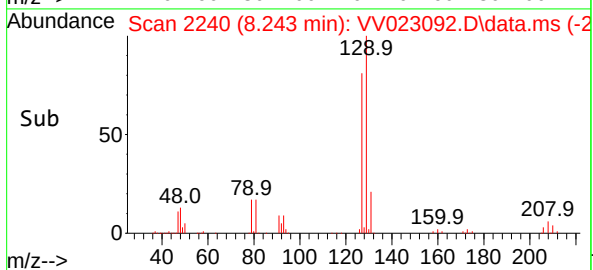
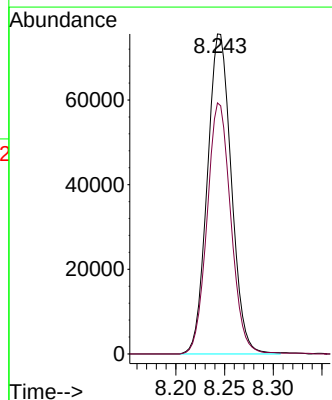
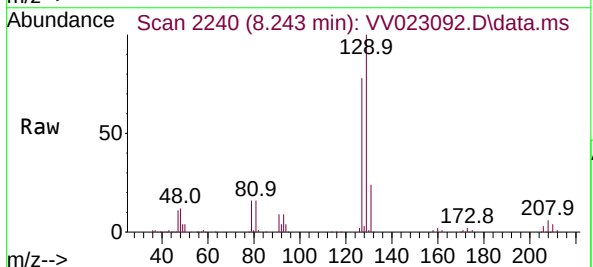
Instrument :
MSVOA_V
ClientSampled :

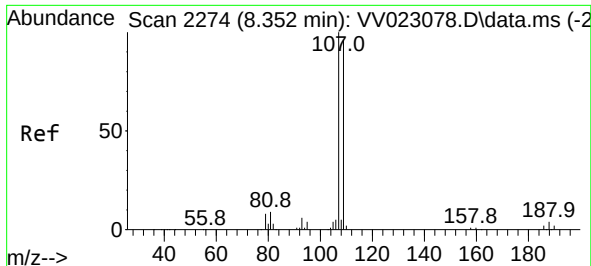
Tgt Ion: 43 Resp: 238202
Ion Ratio Lower Upper
43 100
58 56.2 45.6 68.4
57 19.1 15.4 23.0
100 13.7 11.0 16.4



#49
Dibromochloromethane
Concen: 47.362 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 129 Resp: 129686
Ion Ratio Lower Upper
129 100
127 78.5 53.9 100.1





#50

1,2-Dibromoethane

Concen: 46.646 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. -0.003 min

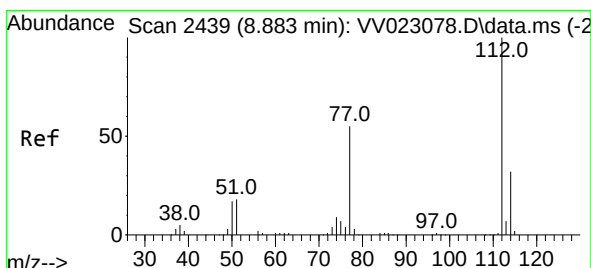
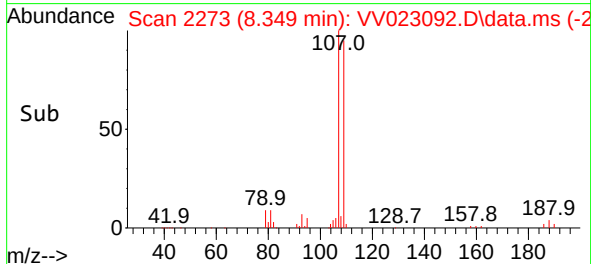
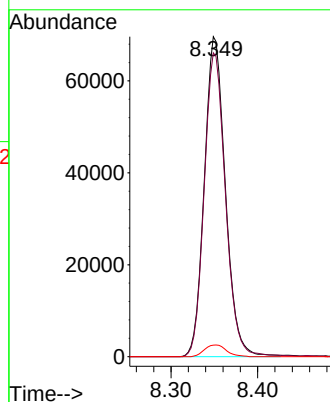
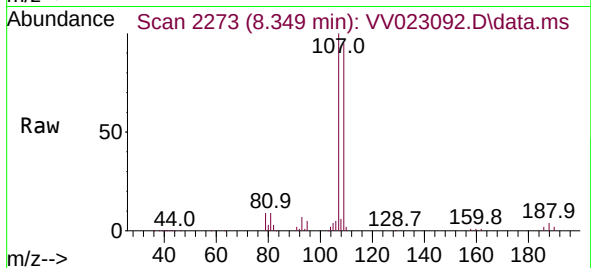
Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 117736

Ion	Ratio	Lower	Upper
107	100		
109	95.0	67.3	124.9
188	3.6	3.3	4.9



#51

Chlorobenzene

Concen: 47.743 ug/L

RT: 8.879 min Scan# 2438

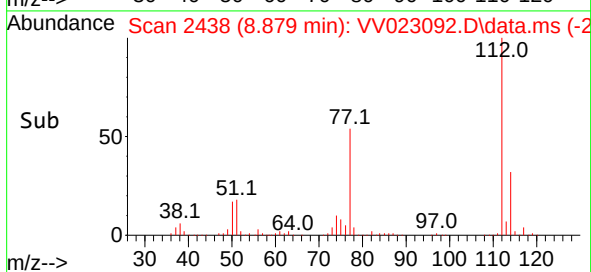
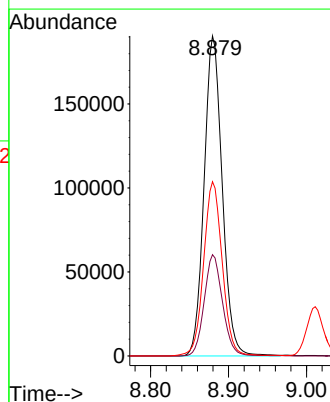
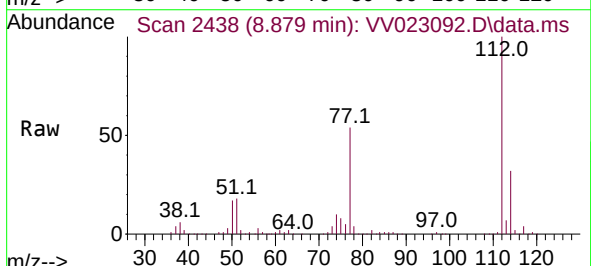
Delta R.T. -0.003 min

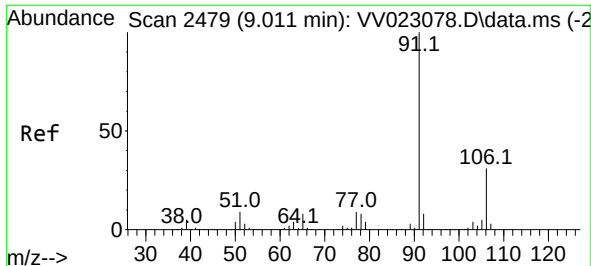
Lab File: VV023092.D

Acq: 29 Oct 2021 09:49

Tgt Ion:112 Resp: 308236

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.2	41.2
77	54.4	44.6	67.0

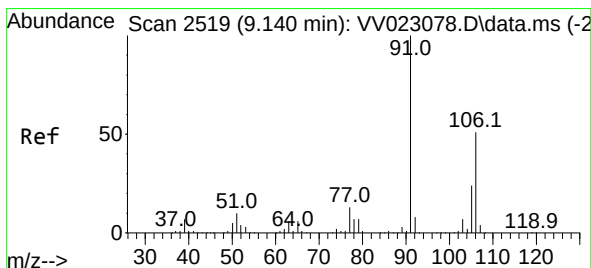
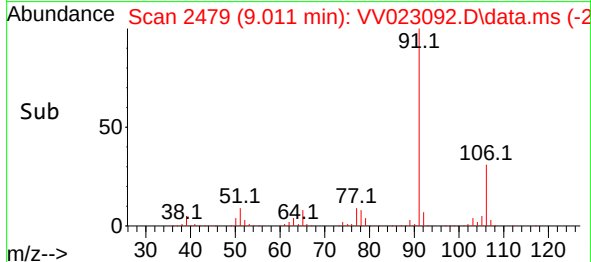
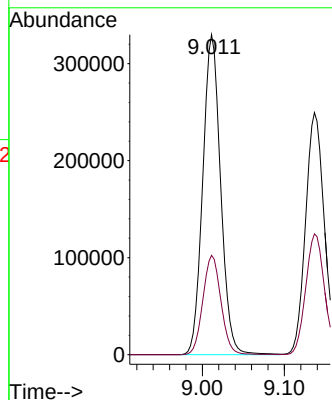
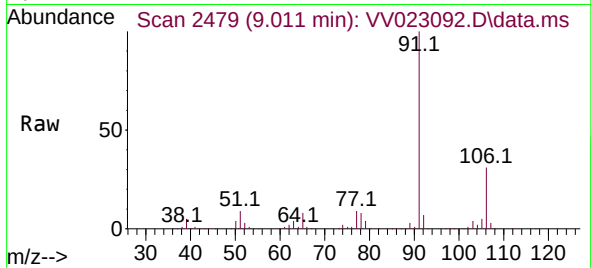




#52
Ethylbenzene
Concen: 49.267 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

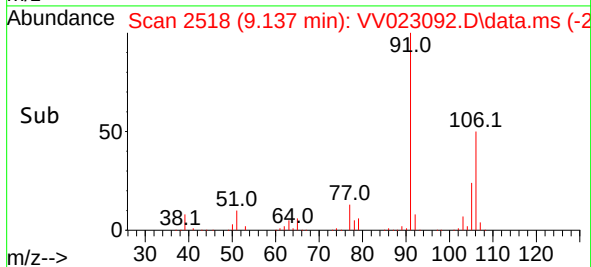
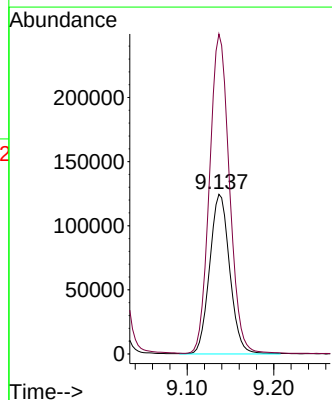
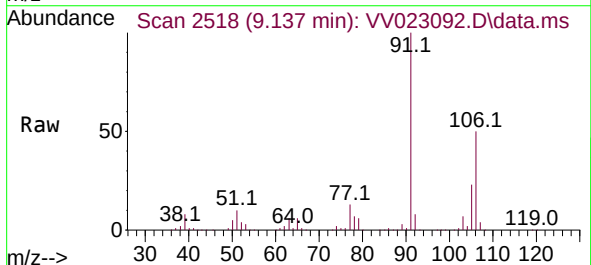
Instrument :
MSVOA_V
ClientSampled :

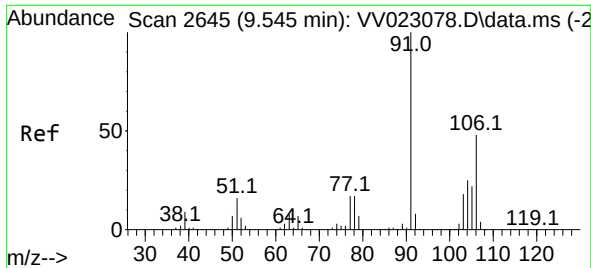
Tgt Ion: 91 Resp: 500999
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.4



#53
m,p-Xylene
Concen: 51.164 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 106 Resp: 200561
Ion Ratio Lower Upper
106 100
91 200.5 137.3 254.9

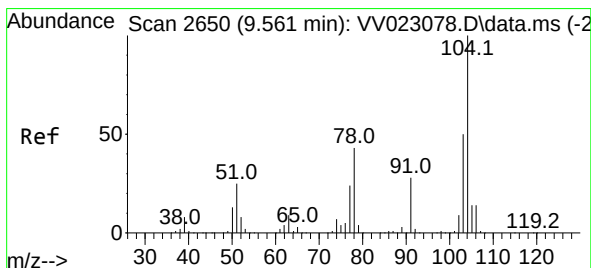
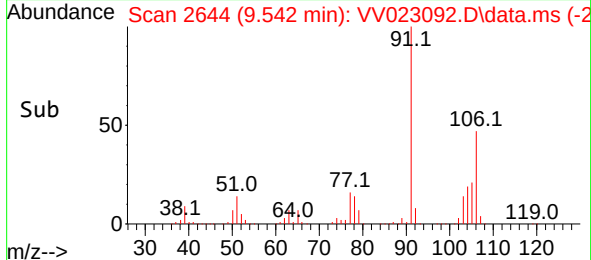
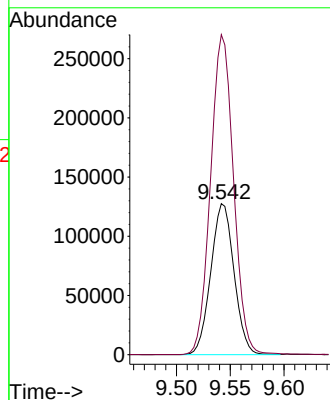
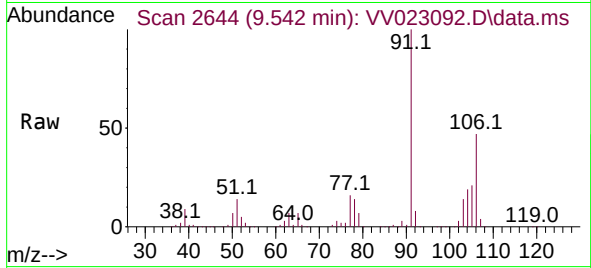




#54
o-Xylene
Concen: 50.359 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

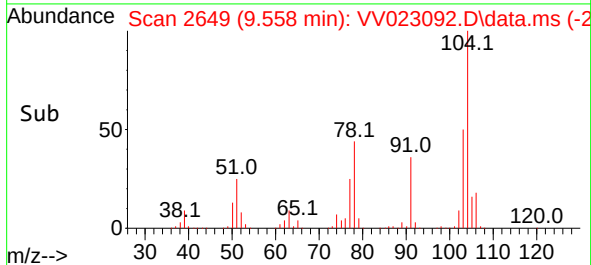
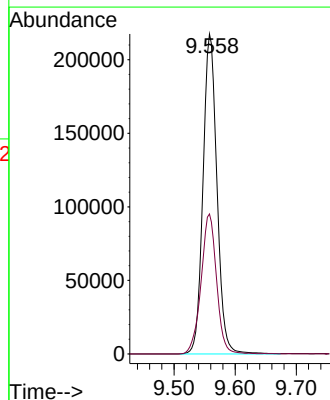
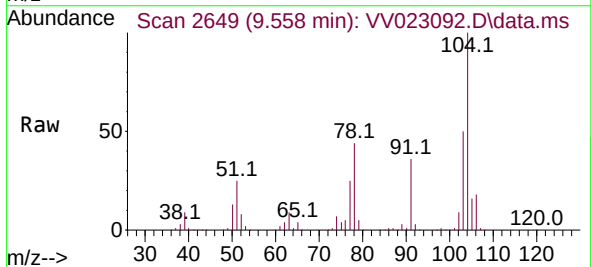
Instrument :
MSVOA_V
ClientSampled :

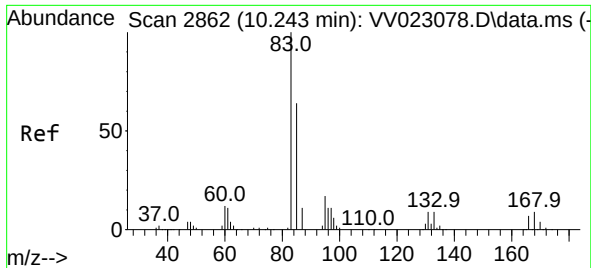
Tgt Ion:106 Resp: 192137
Ion Ratio Lower Upper
106 100
91 211.8 145.0 269.4



#55
Styrene
Concen: 52.038 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion:104 Resp: 345083
Ion Ratio Lower Upper
104 100
78 43.8 29.8 55.4

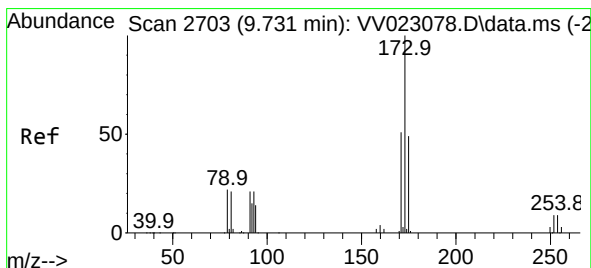
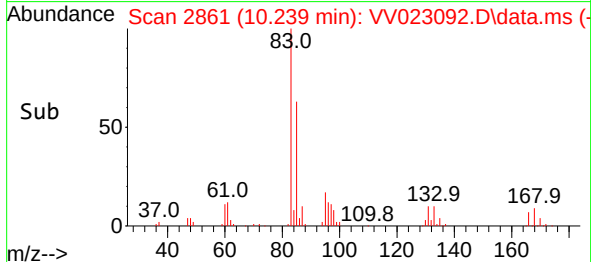
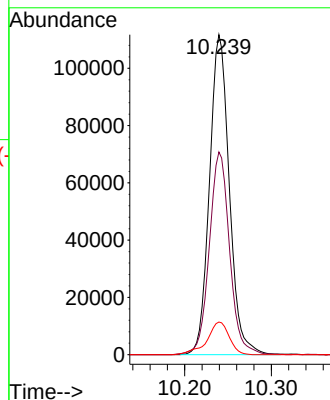
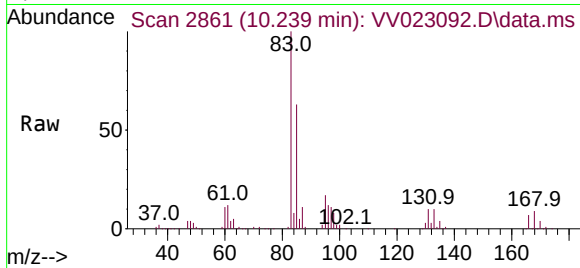




#57
1,1,2,2-Tetrachloroethane
Concen: 46.527 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

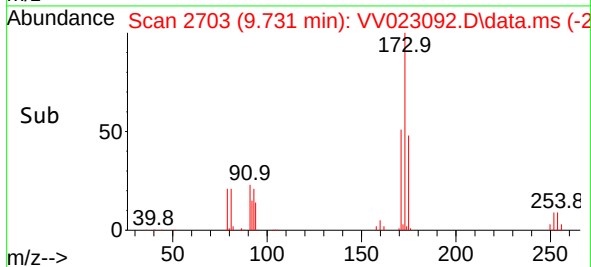
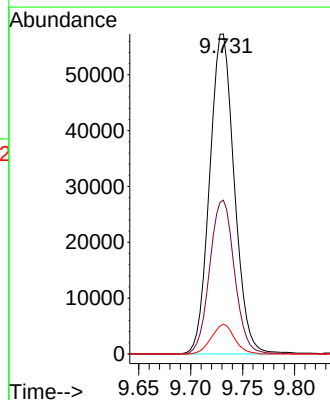
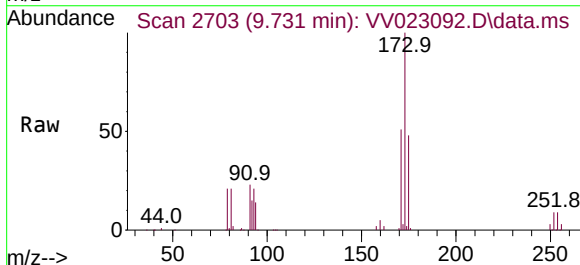
Instrument :
MSVOA_V
ClientSampleId :

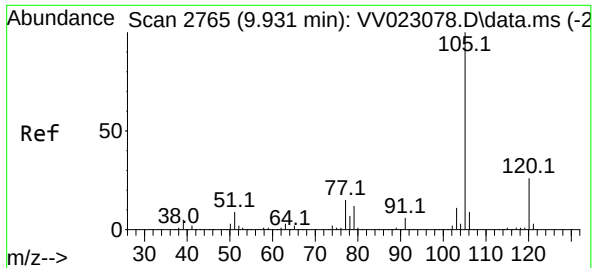
Tgt Ion: 83 Resp: 177805
Ion Ratio Lower Upper
83 100
85 63.3 44.7 83.1
131 10.2 7.8 11.8



#59
Bromoform
Concen: 44.991 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion:173 Resp: 94607
Ion Ratio Lower Upper
173 100
175 48.3 39.3 58.9
254 8.7 7.2 10.8

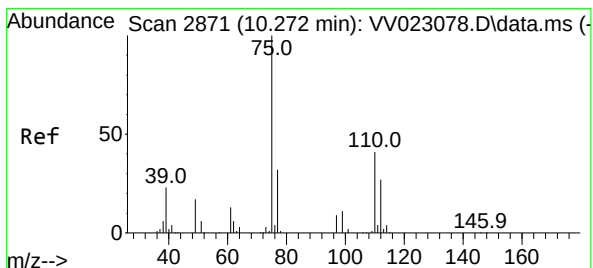
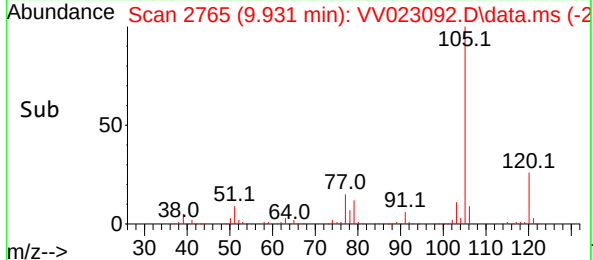
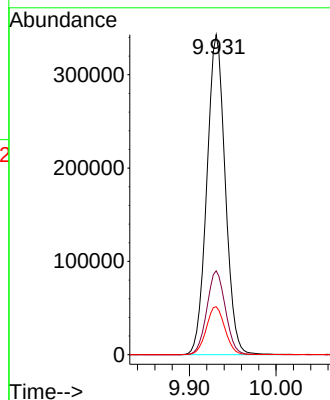
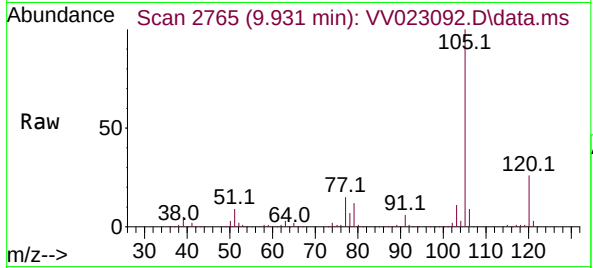




#60
Isopropylbenzene
Concen: 47.579 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

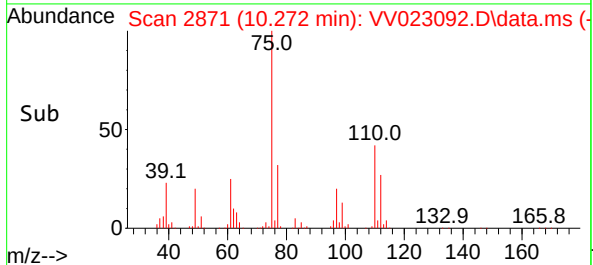
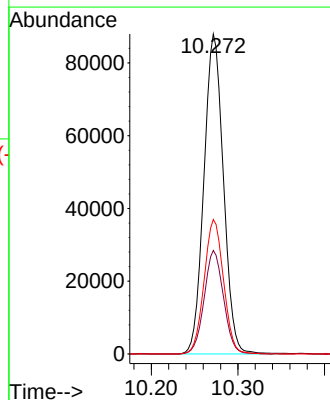
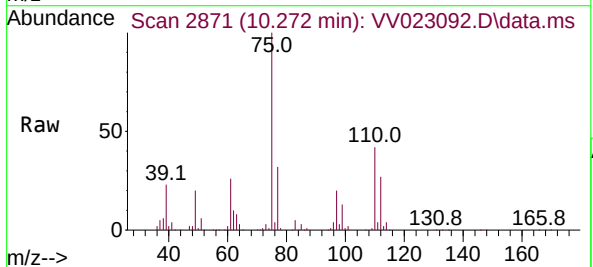
Instrument :
MSVOA_V
ClientSampled :

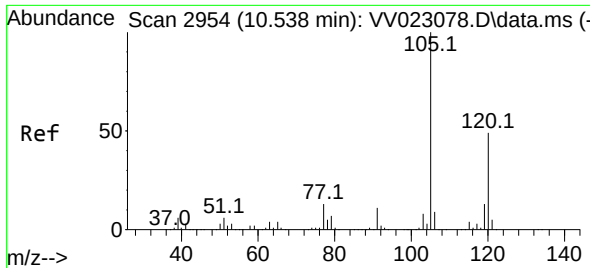
Tgt Ion:105 Resp: 505307
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 44.170 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 75 Resp: 137618
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
110 41.8 33.1 49.7

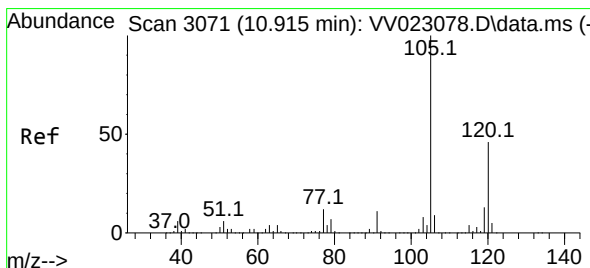
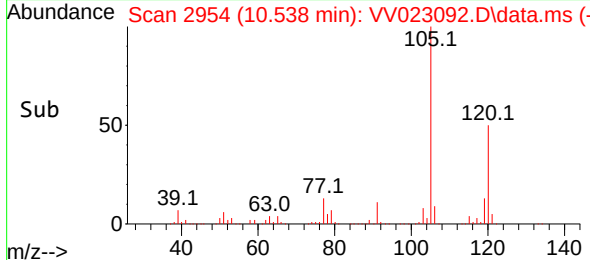
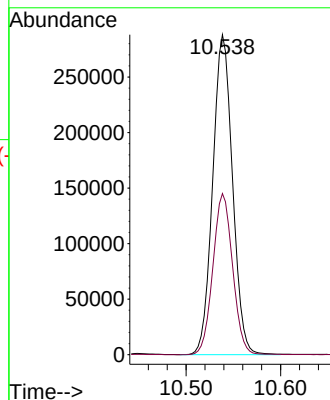
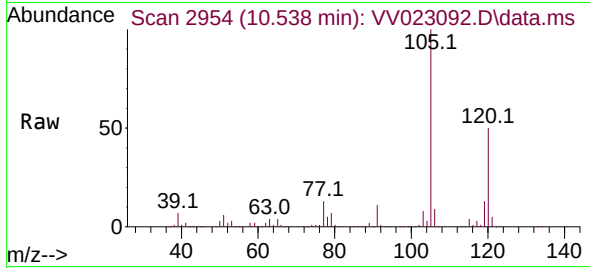




#62
1,3,5-Trimethylbenzene
Concen: 47.910 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

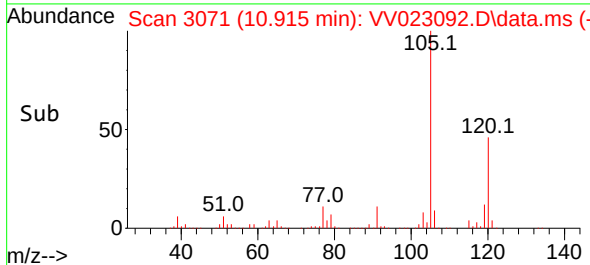
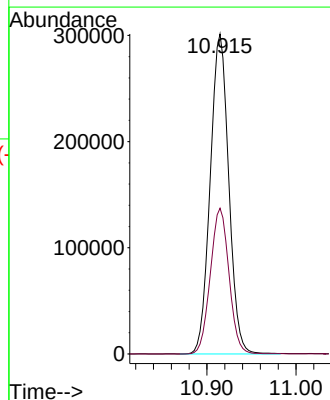
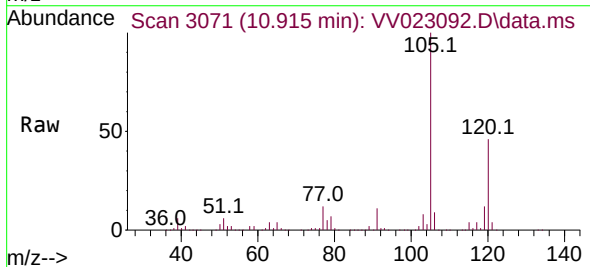
Instrument :
MSVOA_V
ClientSampled :

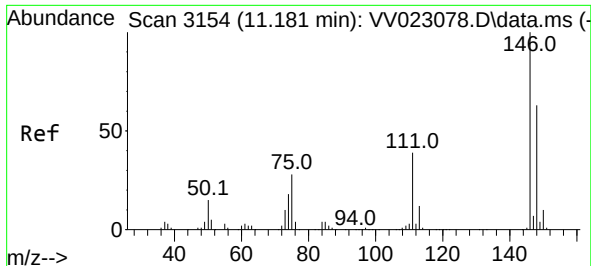
Tgt Ion:105 Resp: 419064
Ion Ratio Lower Upper
105 100
120 50.1 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 49.570 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion:105 Resp: 435279
Ion Ratio Lower Upper
105 100
120 45.9 37.1 55.7

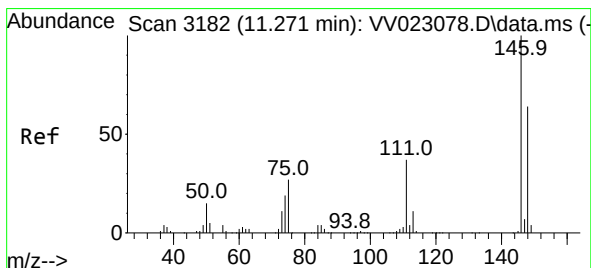
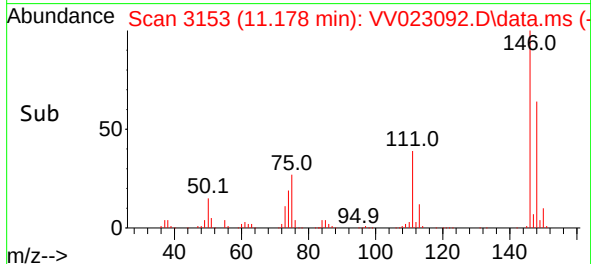
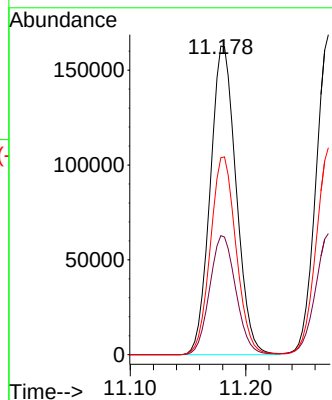
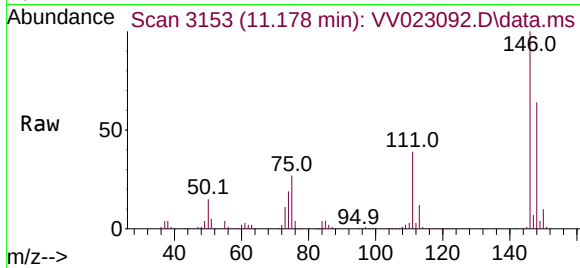




#64
1,3-Dichlorobenzene
Concen: 47.250 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

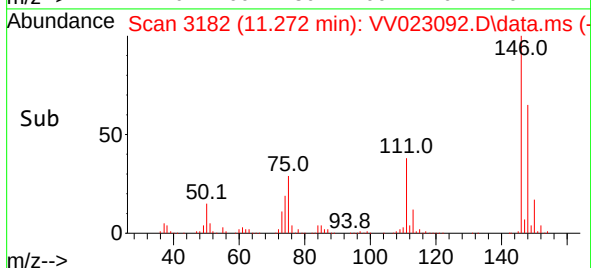
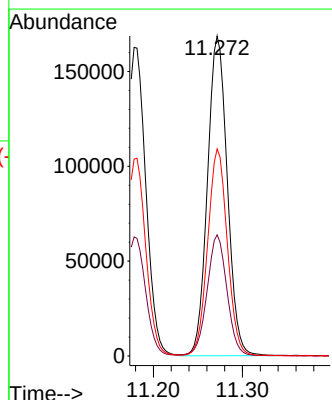
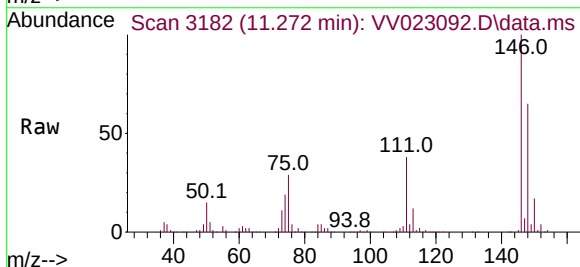
Instrument :
MSVOA_V
ClientSampled :

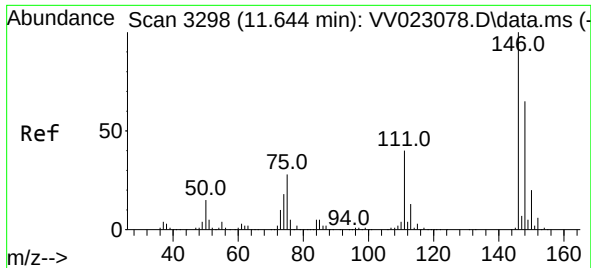
Tgt Ion:146 Resp: 253686
Ion Ratio Lower Upper
146 100
111 38.6 27.3 50.7
148 63.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 46.548 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion:146 Resp: 260306
Ion Ratio Lower Upper
146 100
111 37.8 26.0 48.2
148 64.7 44.7 82.9

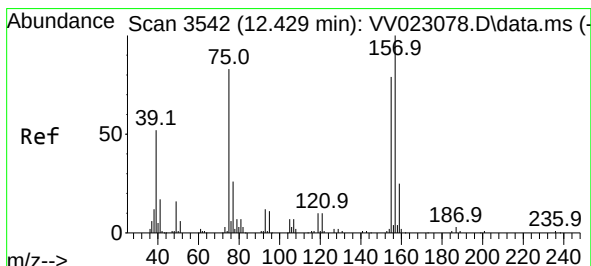
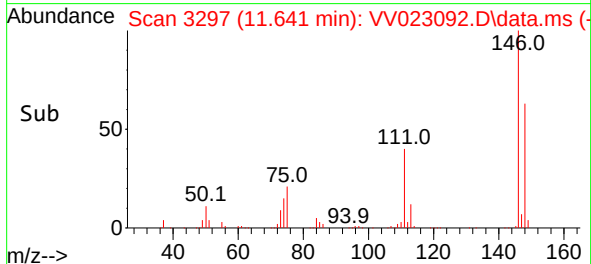
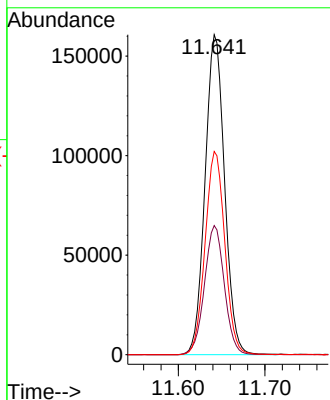
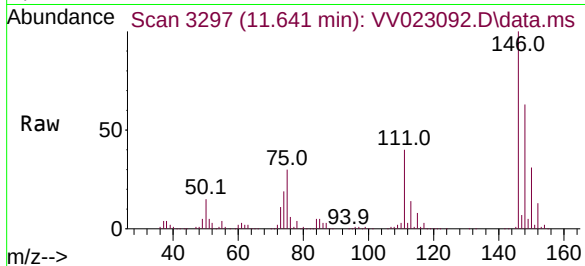




#67
1,2-Dichlorobenzene
Concen: 46.370 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

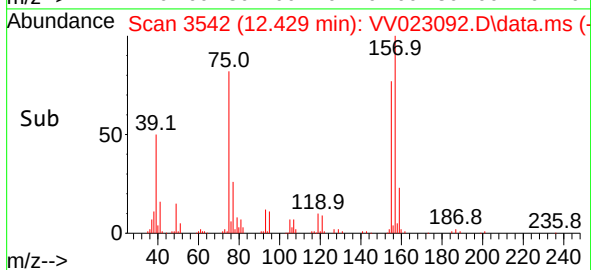
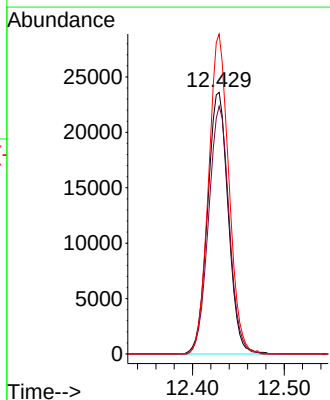
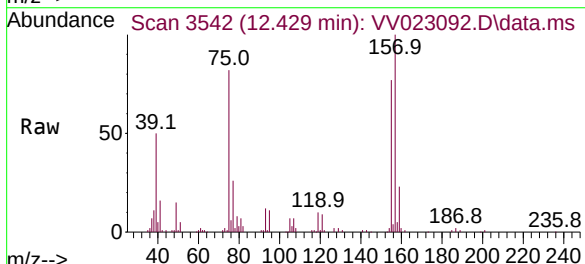
Instrument :
MSVOA_V
ClientSampled :

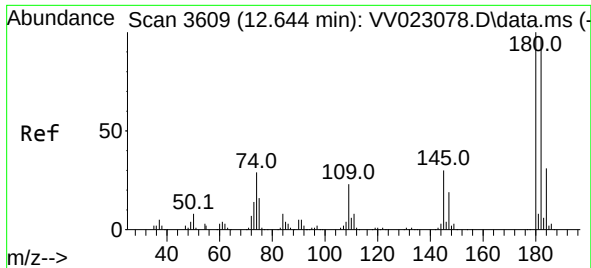
Tgt Ion:146 Resp: 251739
Ion Ratio Lower Upper
146 100
111 40.4 32.2 48.2
148 63.5 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 42.524 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion: 75 Resp: 36977
Ion Ratio Lower Upper
75 100
155 94.7 75.7 113.5
157 122.3 96.4 144.6

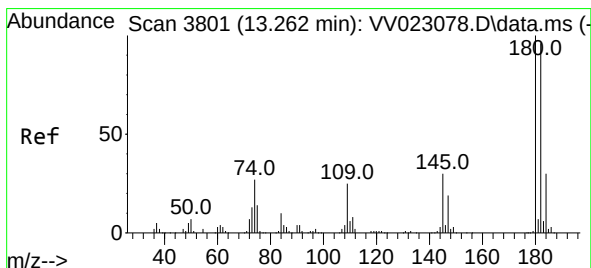
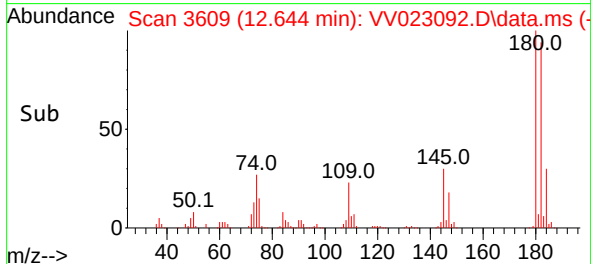
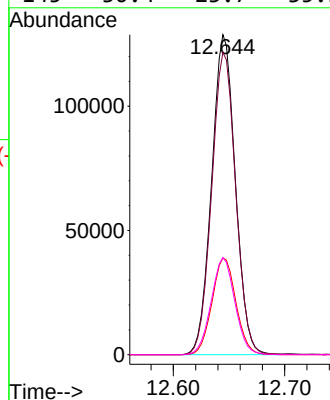
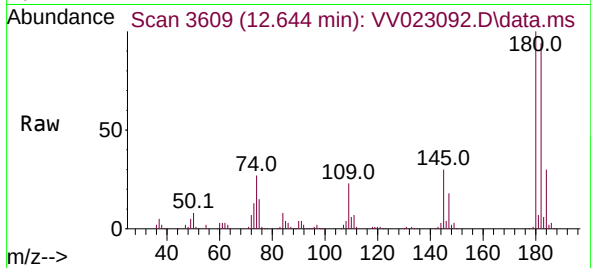




#69
1,3,5-Trichlorobenzene
Concen: 46.857 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

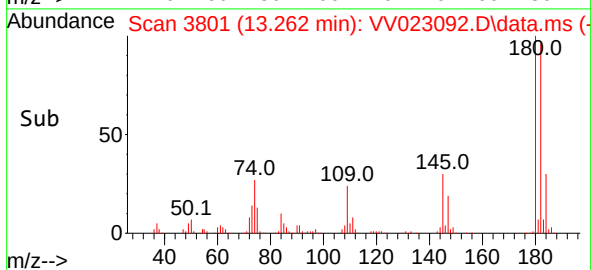
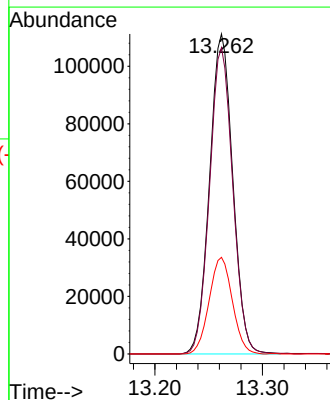
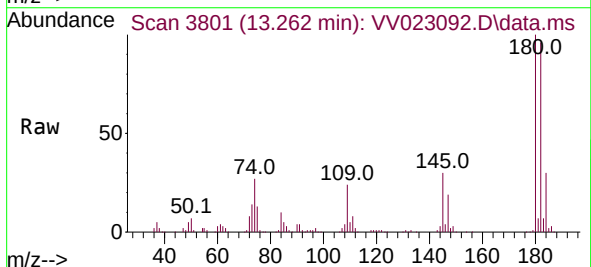
Instrument :
MSVOA_V
ClientSampled :

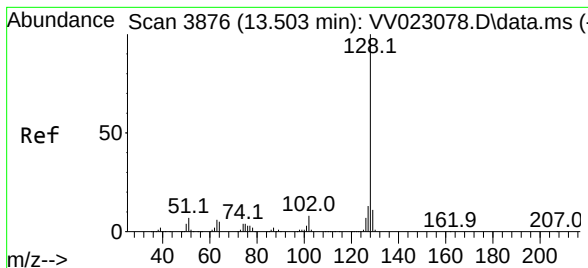
Tgt Ion:180	Resp: 190285
Ion Ratio	Lower Upper
180	100
182	95.5 76.6 115.0
184	30.5 24.6 36.8
145	30.4 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 47.381 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion:180	Resp: 166759
Ion Ratio	Lower Upper
180	100
182	95.6 77.2 115.8
145	30.1 23.8 35.6

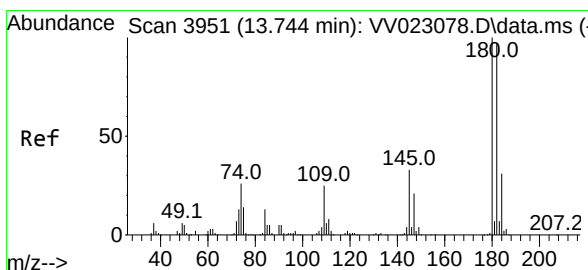
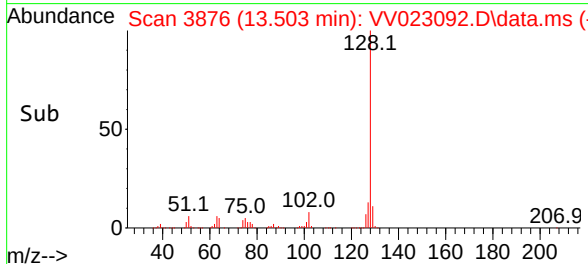
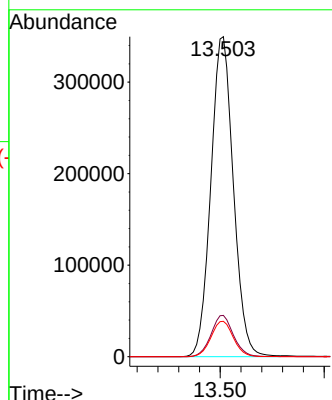
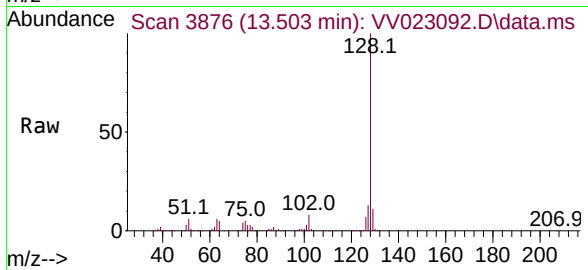




#71
Naphthalene
Concen: 46.560 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 526122
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.680 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023092.D
Acq: 29 Oct 2021 09:49

Tgt Ion:180 Resp: 177381
Ion Ratio Lower Upper
180 100
182 95.9 77.0 115.4
145 32.1 26.4 39.6

