

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052423\
 Data File : VW031219.D
 Acq On : 24 May 2023 16:45
 Operator : SY/MD
 Sample : 02865-21MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MS

Quant Time: May 25 01:15:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 25 01:11:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	173597	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	176232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108672	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	59298	39.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.940%
7) Chloroethane-d5	1.535	69	55925	48.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.860%
11) 1,1-Dichloroethene-d2	2.063	65	31620	45.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.900%
21) 2-Butanone-d5	3.796	46	89213	112.852	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.850%
24) Chloroform-d	4.259	84	128470	48.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.900%
26) 1,2-Dichloroethane-d4	4.950	65	93949	52.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.940%
32) Benzene-d6	4.969	84	219670	45.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
36) 1,2-Dichloropropane-d6	5.998	67	64297	44.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.960%
41) Toluene-d8	7.249	98	215370	48.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.558	79	36533	50.940	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.880%
47) 2-Hexanone-d5	8.030	63	57129	102.502	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.500%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	106875	49.848	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.700%
66) 1,2-Dichlorobenzene-d4	11.567	152	95734	49.023	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	49876	44.503	ug/L	99
3) Chloromethane	1.217	50	51993	42.375	ug/L	98
5) Vinyl chloride	1.285	62	48931	44.649	ug/L	99
6) Bromomethane	1.490	94	29246	47.618	ug/L	99
8) Chloroethane	1.552	64	35479	50.240	ug/L	99
9) Trichlorofluoromethane	1.716	101	109680	50.883	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	55930	49.203	ug/L	97
12) 1,1-Dichloroethene	2.072	96	47389	49.143	ug/L	89
13) Acetone	2.124	43	87286	84.931	ug/L	99
14) Carbon disulfide	2.246	76	76531	43.551	ug/L	97
15) Methyl Acetate	2.381	43	60733	51.995	ug/L	99
16) Methylene chloride	2.455	84	50357	46.908	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	42057	47.172	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	187195	54.352	ug/L	98
19) 1,1-Dichloroethane	3.117	63	99510	48.975	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	55975	50.929	ug/L	96
23) Bromochloromethane	4.159	128	30052	49.757	ug/L	97
25) Chloroform	4.285	83	117372	51.711	ug/L	94
27) 1,2-Dichloroethane	5.050	62	105778	54.927	ug/L	100

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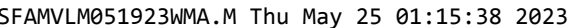
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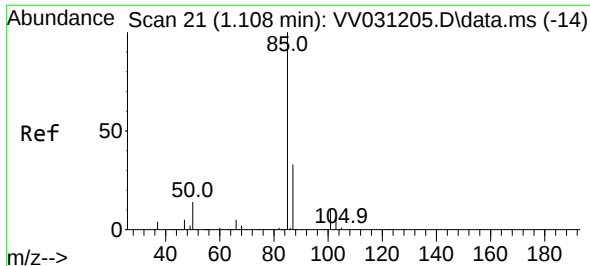
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 Quant Title : VOC Analysis
 QLast Update : Thu May 25 01:11:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.593	56	61464	44.322	ug/L	98
30) 1,1,1-Trichloroethane	4.522	97	110053	50.890	ug/L	98
31) Carbon tetrachloride	4.744	117	94980	50.415	ug/L	97
33) Benzene	5.018	78	209202	49.550	ug/L	100
34) Trichloroethene	5.841	95	125058	110.546	ug/L	99
35) Methylcyclohexane	6.059	83	69810	46.504	ug/L	100
37) 1,2-Dichloropropane	6.101	63	56783	48.864	ug/L	100
38) Bromodichloromethane	6.439	83	87542	48.597	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	86710	48.390	ug/L	97
40) 4-Methyl-2-pentanone	7.165	43	198479	110.996	ug/L	98
42) Toluene	7.323	91	239208	52.367	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	95698	52.792	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	62764	49.496	ug/L	99
46) Tetrachloroethene	7.911	164	48763	50.198	ug/L	90
48) 2-Hexanone	8.082	43	152390	102.319	ug/L	99
49) Dibromochloromethane	8.181	129	72295	50.531	ug/L	93
50) 1,2-Dibromoethane	8.288	107	61209	48.550	ug/L	98
51) Chlorobenzene	8.821	112	162488	49.977	ug/L	96
52) Ethylbenzene	8.953	91	263592	50.401	ug/L	97
53) m,p-Xylene	9.079	106	103551	51.042	ug/L	95
54) o-Xylene	9.484	106	103443	51.687	ug/L	100
55) Styrene	9.503	104	189484	53.534	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	106450	51.092	ug/L	100
59) Bromoform	9.670	173	60052	47.657	ug/L	99
60) Isopropylbenzene	9.873	105	286627	49.317	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	85088	50.896	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	234684	49.125	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	232256	49.722	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	149491	50.199	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	151184	48.799	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	151261	50.058	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	24675	48.082	ug/L	92
69) 1,3,5-Trichlorobenzene	12.590	180	111625	48.488	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	97991	50.017	ug/L	99
71) Naphthalene	13.445	128	255225	50.153	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	99698	50.925	ug/L	99

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

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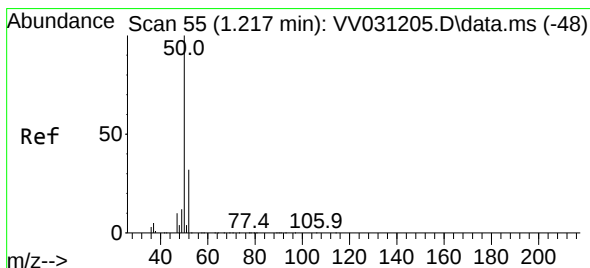
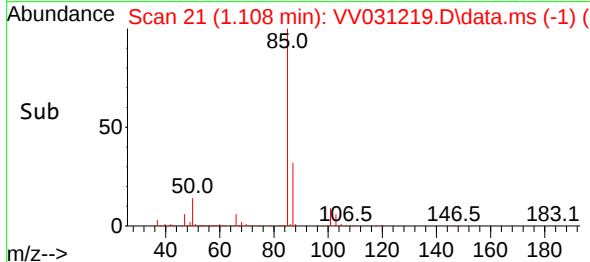
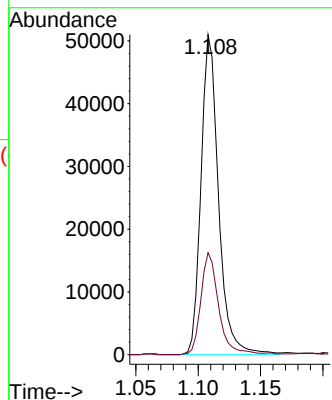
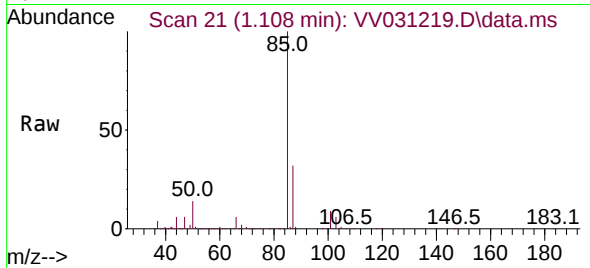




#2
 Dichlorodifluoromethane
 Concen: 44.503 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031219.D
 Acq: 24 May 2023 16:45

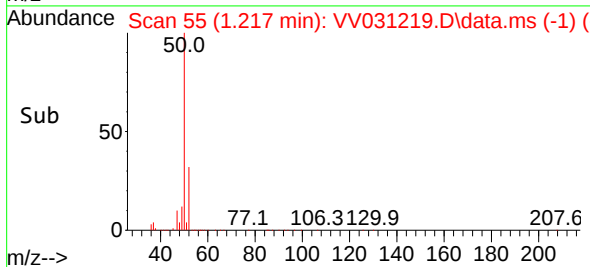
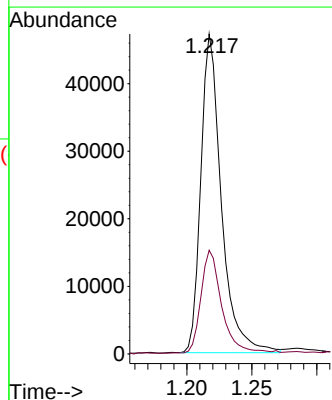
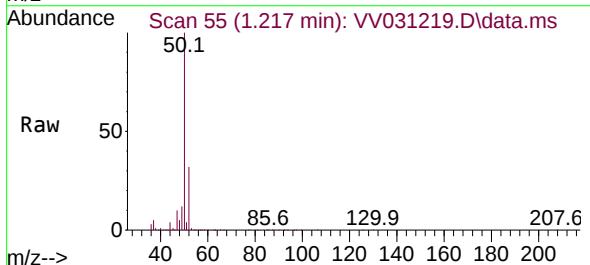
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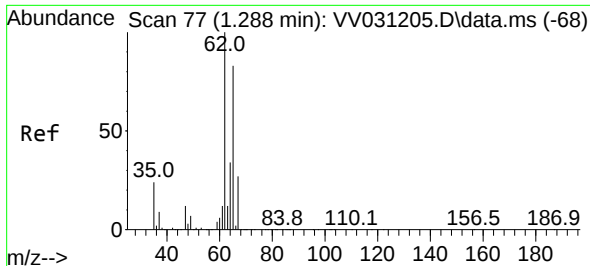
Tgt Ion: 85 Resp: 49876
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.2 37.8



#3
 Chloromethane
 Concen: 42.375 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031219.D
 Acq: 24 May 2023 16:45

Tgt Ion: 50 Resp: 51993
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.3 43.3

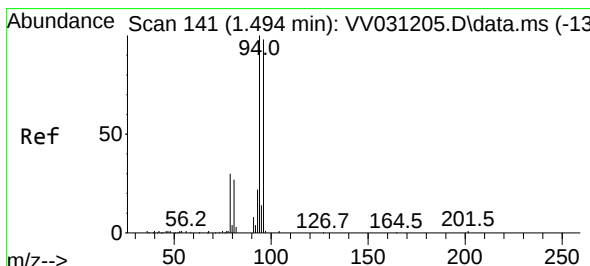
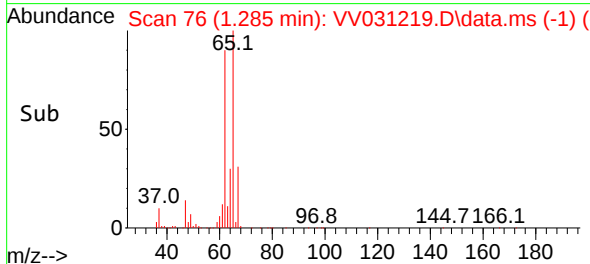
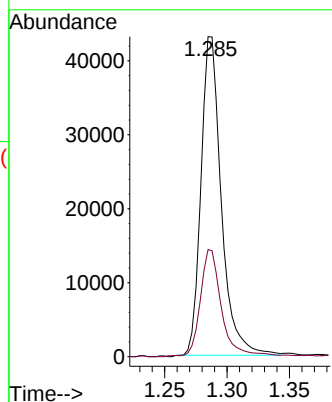
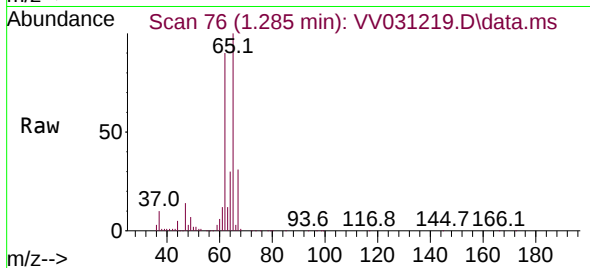




#5
 Vinyl chloride
 Concen: 44.649 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VV031219.D
 Acq: 24 May 2023 16:45

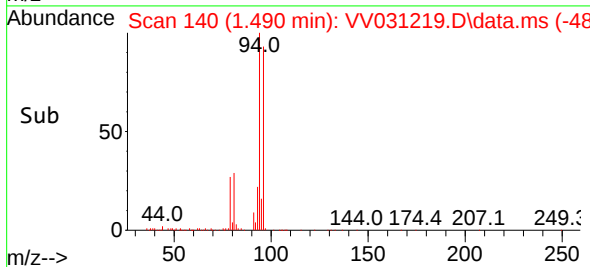
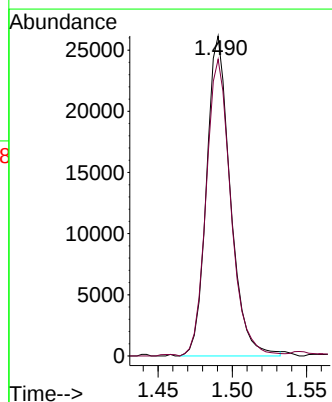
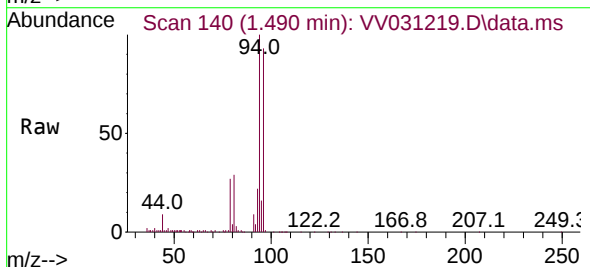
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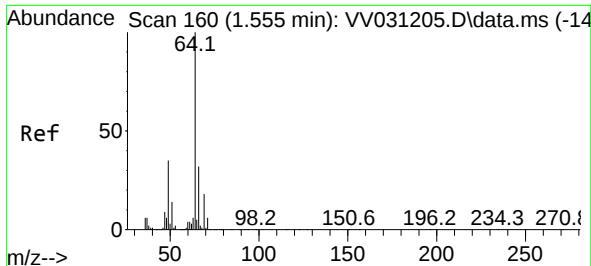
Tgt Ion: 62 Resp: 48931
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.1 42.9



#6
 Bromomethane
 Concen: 47.618 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV031219.D
 Acq: 24 May 2023 16:45

Tgt Ion: 94 Resp: 29246
 Ion Ratio Lower Upper
 94 100
 96 92.7 63.9 118.7

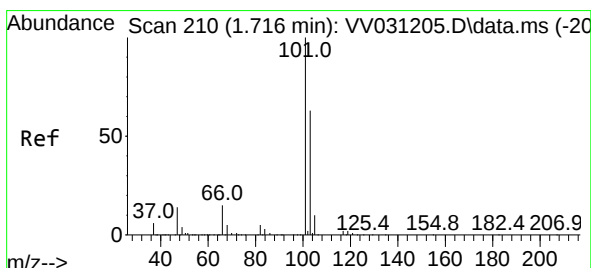
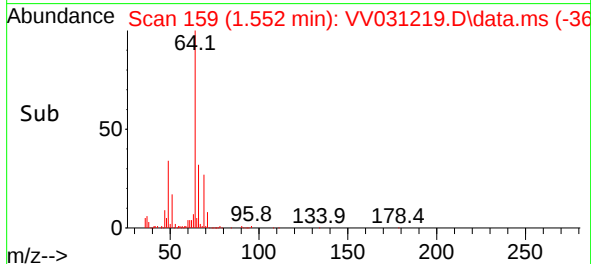
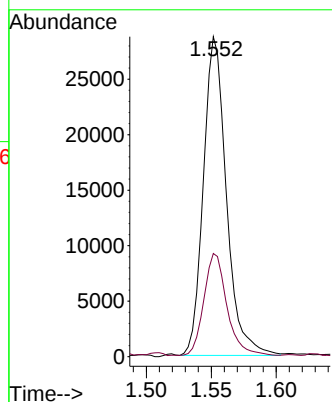
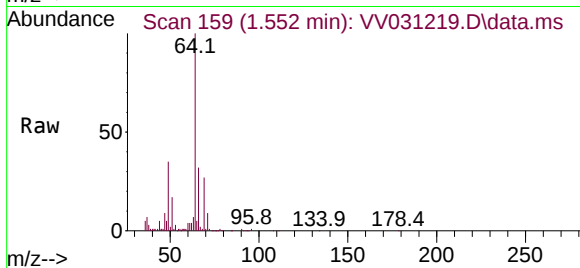




#8
Chloroethane
Concen: 50.240 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

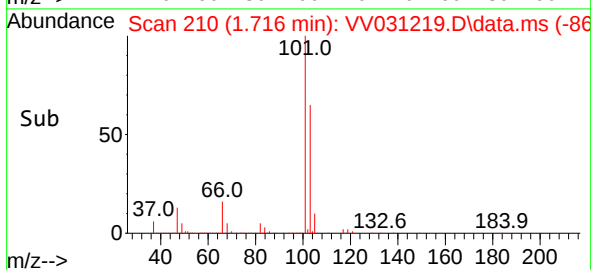
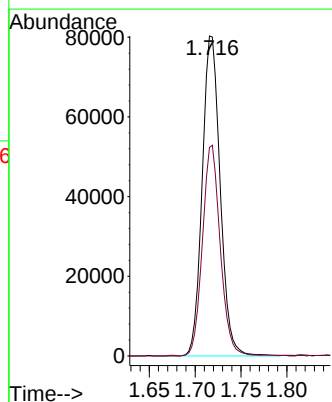
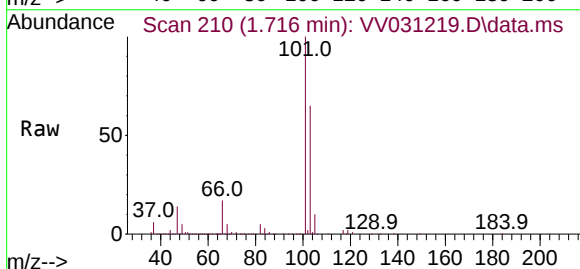
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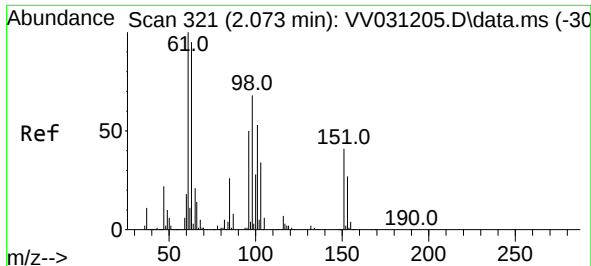
Tgt Ion: 64 Resp: 35479
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 50.883 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 101 Resp: 109680
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

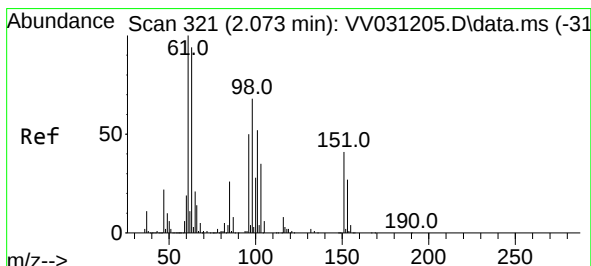
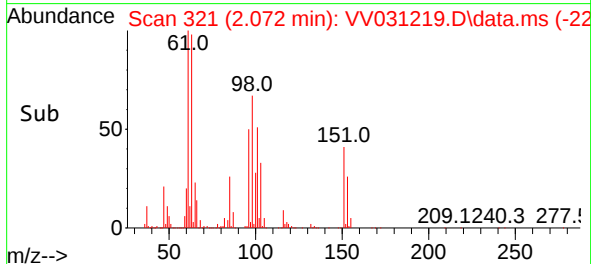
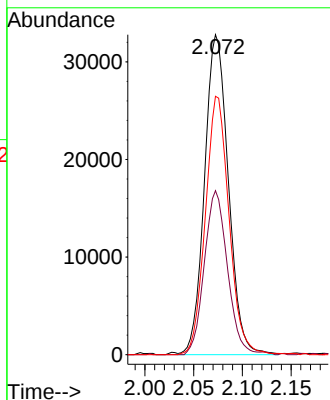
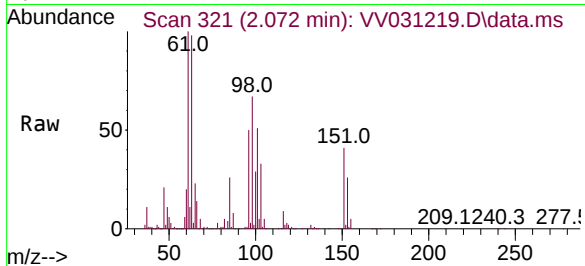




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.203 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV031219.D
 Acq: 24 May 2023 16:45

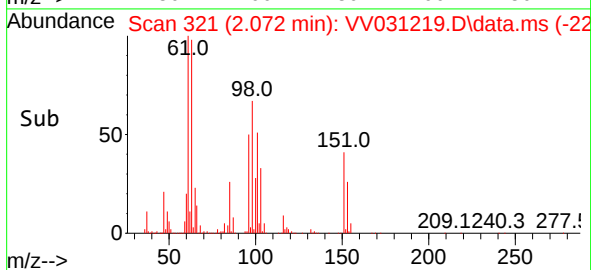
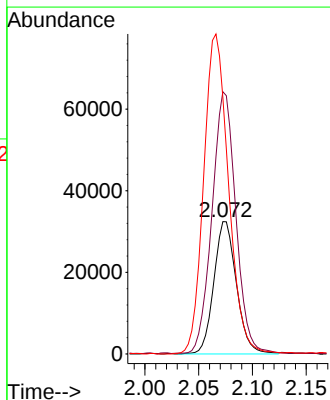
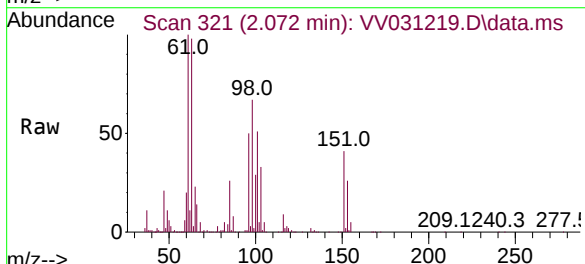
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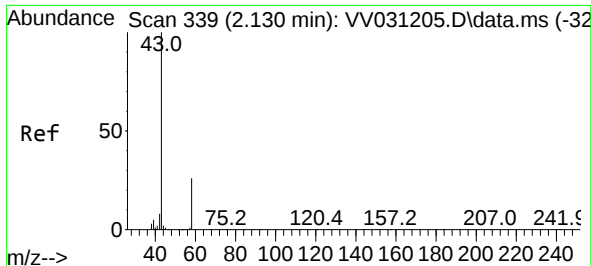
Tgt Ion:101 Resp: 55930
 Ion Ratio Lower Upper
 101 100
 85 49.4 38.0 57.0
 151 80.0 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 49.143 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV031219.D
 Acq: 24 May 2023 16:45

Tgt Ion: 96 Resp: 47389
 Ion Ratio Lower Upper
 96 100
 61 198.1 137.9 256.1
 63 193.9 114.2 212.0

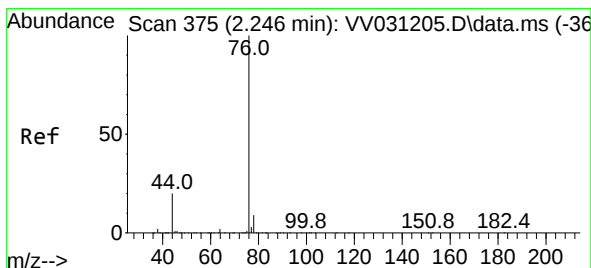
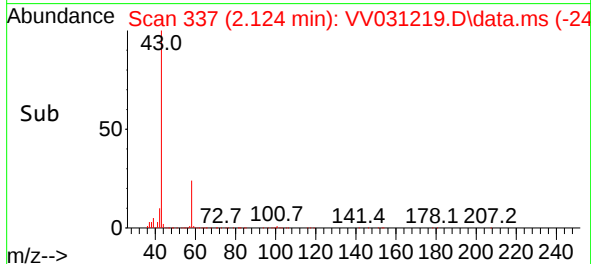
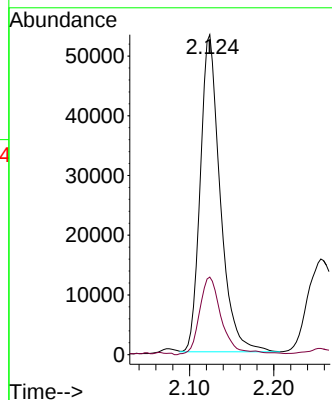
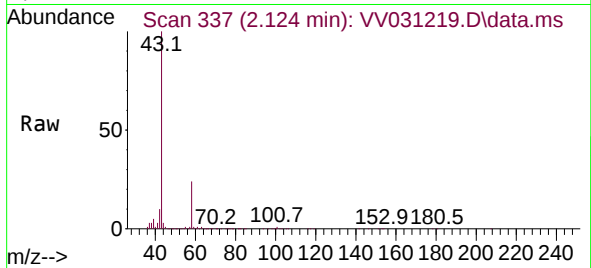




#13
Acetone
Concen: 84.931 ug/L
RT: 2.124 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

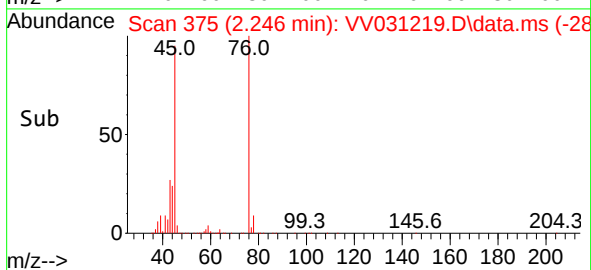
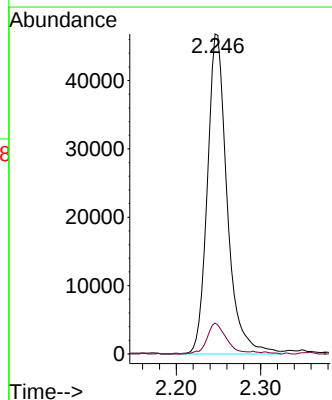
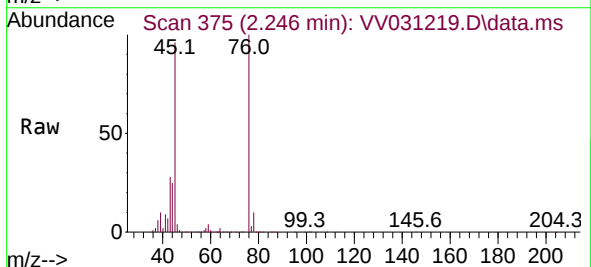
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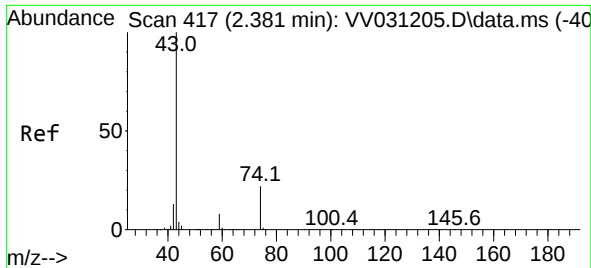
Tgt Ion: 43 Resp: 87286
Ion Ratio Lower Upper
43 100
58 26.4 0.0 54.0



#14
Carbon disulfide
Concen: 43.551 ug/L
RT: 2.246 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 76 Resp: 76531
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

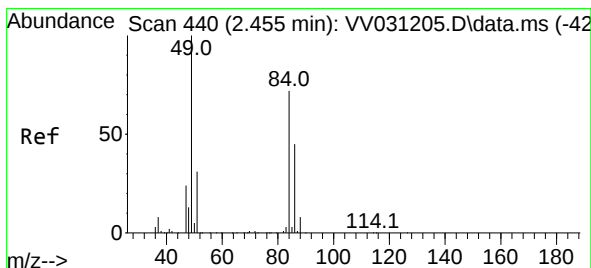
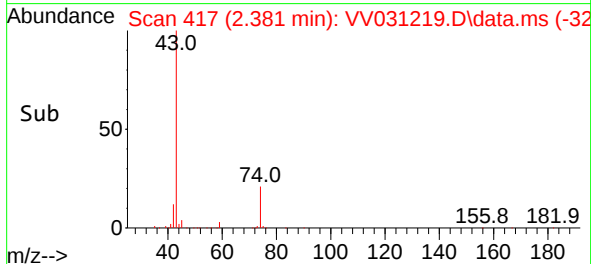
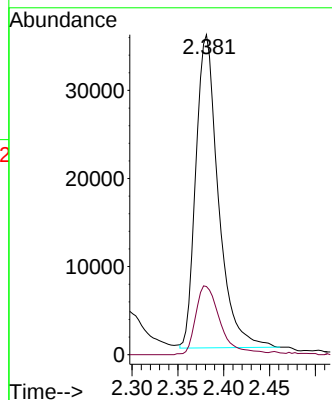
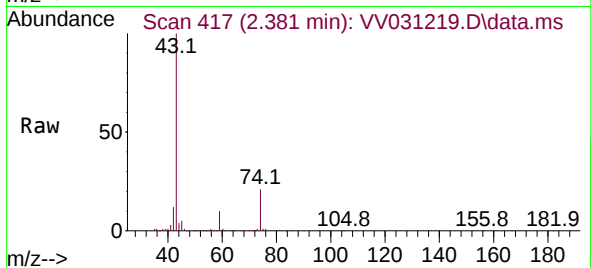




#15
Methyl Acetate
Concen: 51.995 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

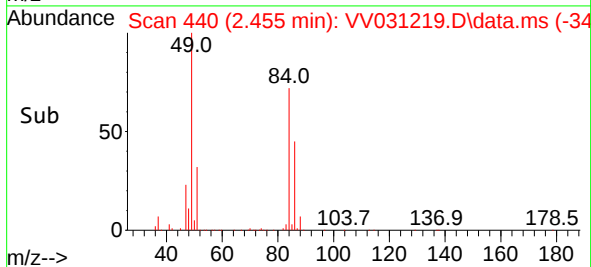
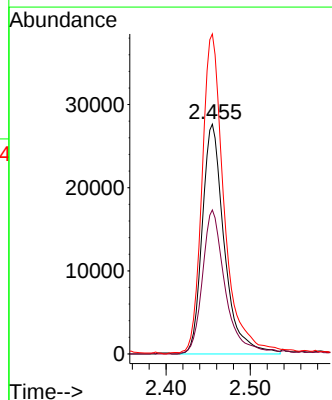
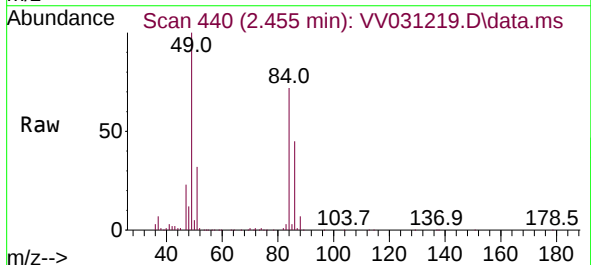
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

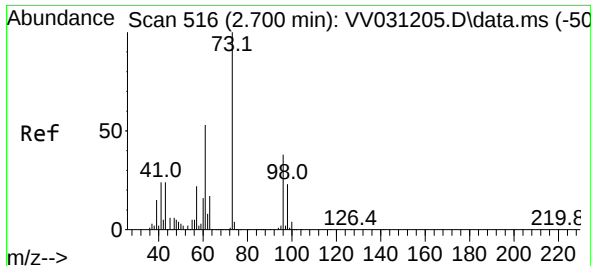
Tgt Ion: 43 Resp: 60733
Ion Ratio Lower Upper
43 100
74 23.0 18.1 27.1



#16
Methylene chloride
Concen: 46.908 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 84 Resp: 50357
Ion Ratio Lower Upper
84 100
86 62.7 43.3 80.3
49 139.2 92.6 172.0





#17

trans-1,2-Dichloroethene

Concen: 47.172 ug/L

RT: 2.699 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

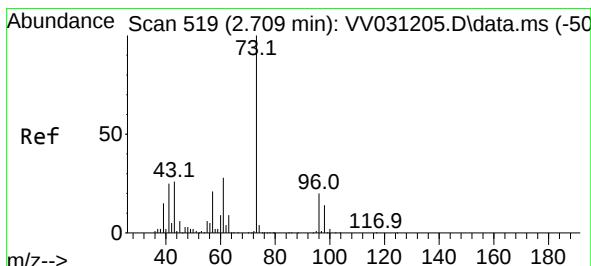
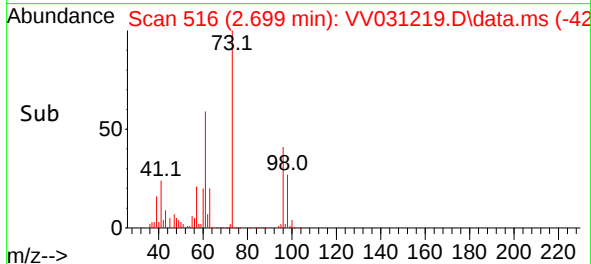
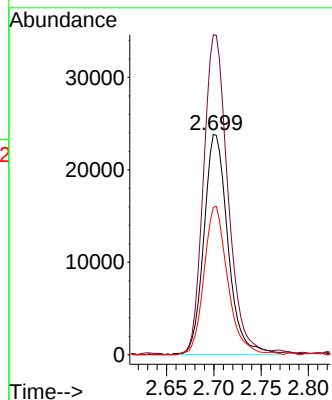
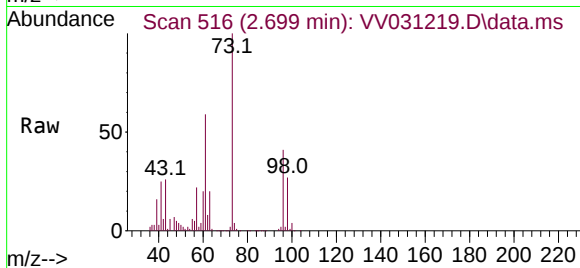
Tgt Ion: 96 Resp: 42057

Ion Ratio Lower Upper

96 100

61 145.3 100.0 185.6

98 66.9 45.4 84.2



#18

Methyl tert-butyl Ether

Concen: 54.352 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.003 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

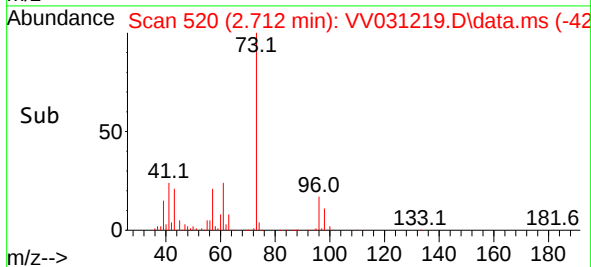
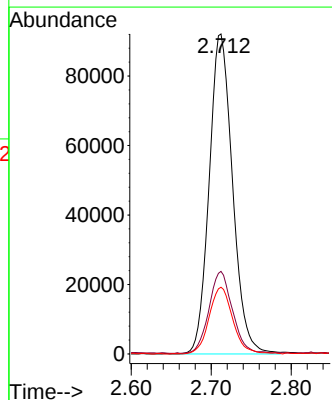
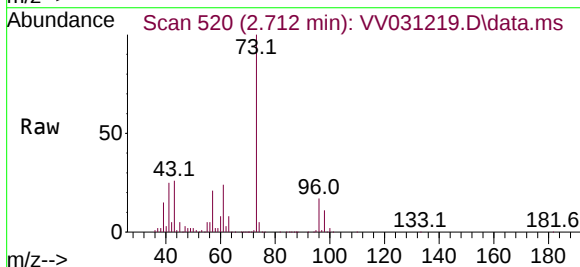
Tgt Ion: 73 Resp: 187195

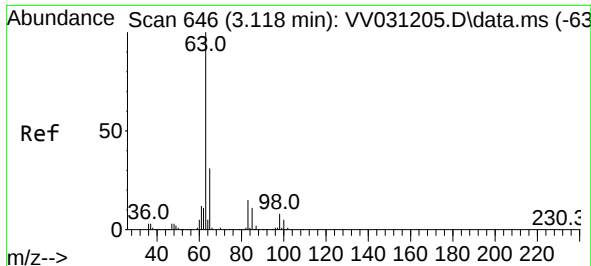
Ion Ratio Lower Upper

73 100

43 25.5 19.4 29.2

57 21.1 17.1 25.7

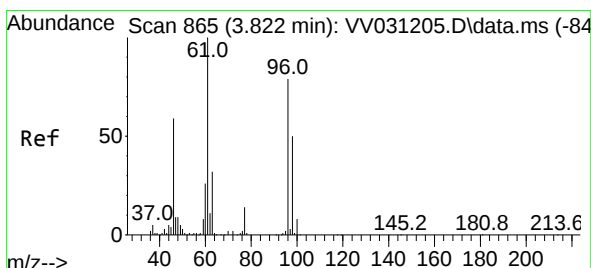
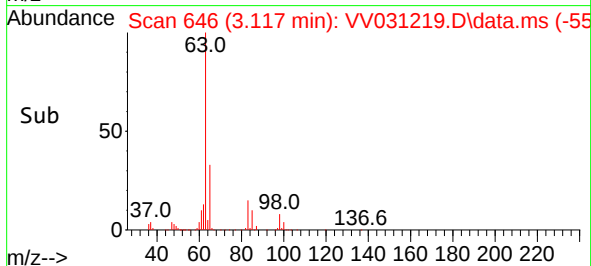
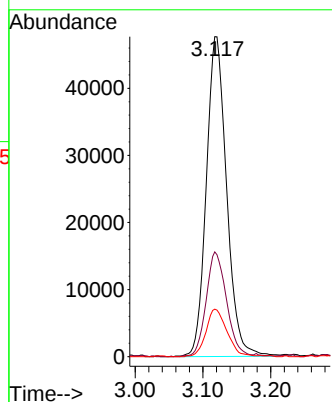
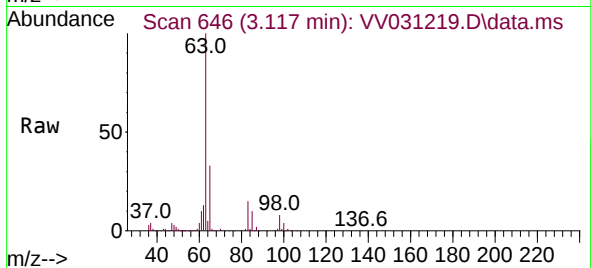




#19
1,1-Dichloroethane
Concen: 48.975 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

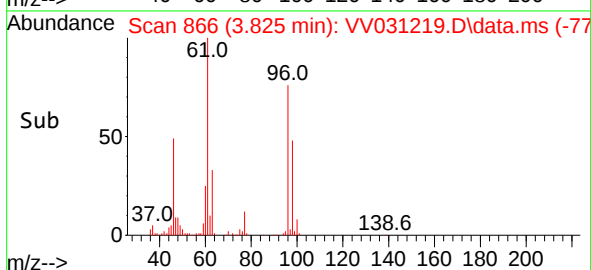
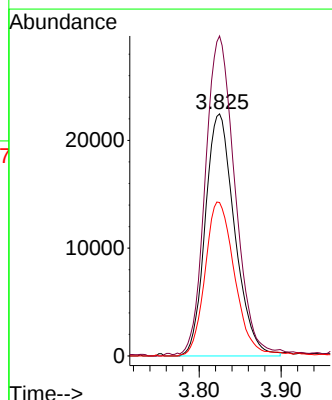
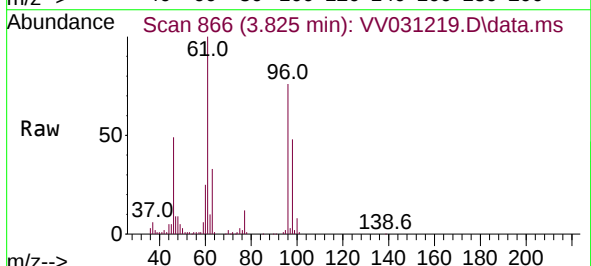
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

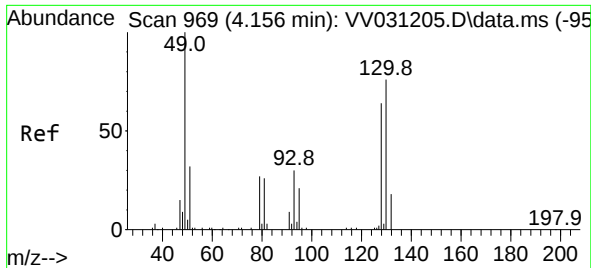
Tgt Ion: 63 Resp: 99510
Ion Ratio Lower Upper
63 100
65 32.7 21.9 40.7
83 14.8 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 50.929 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.003 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 96 Resp: 55975
Ion Ratio Lower Upper
96 100
61 132.2 89.2 165.6
98 63.4 43.0 80.0

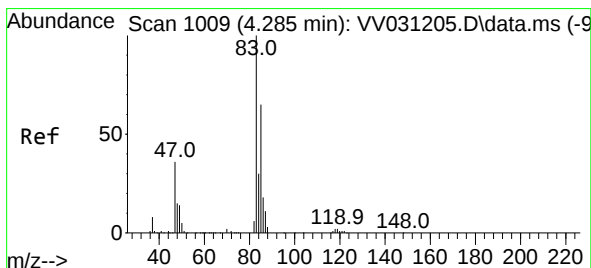
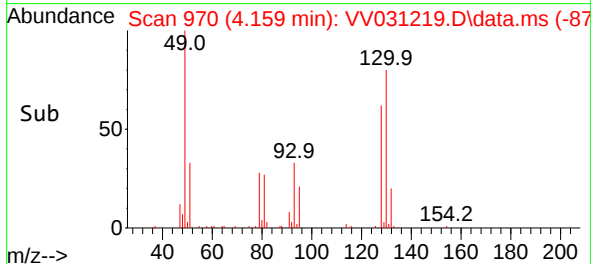
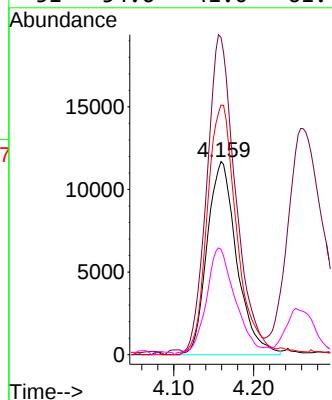
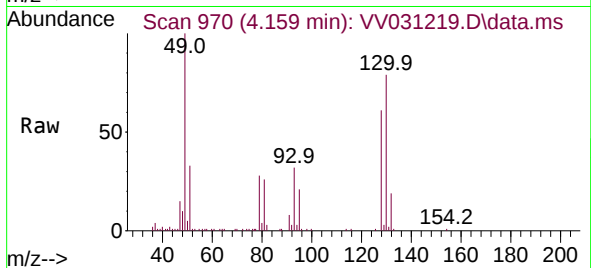




#23
Bromochloromethane
Concen: 49.757 ug/L
RT: 4.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

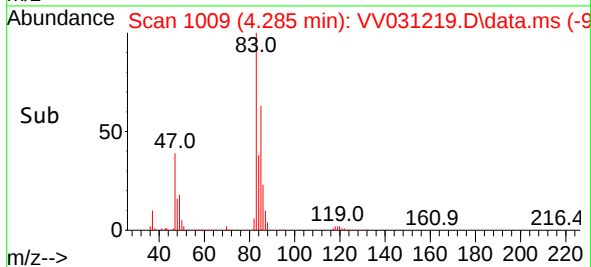
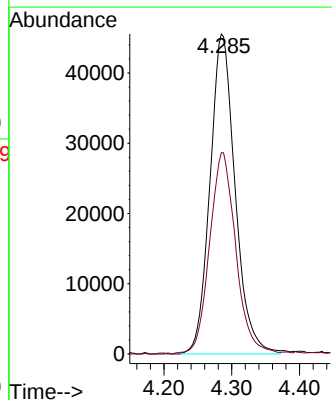
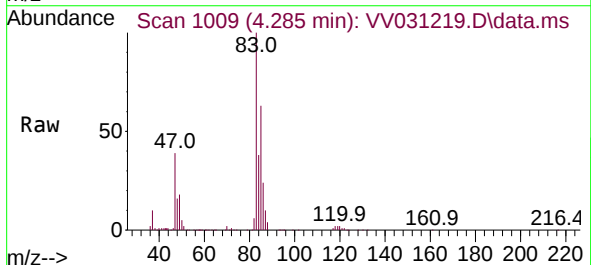
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

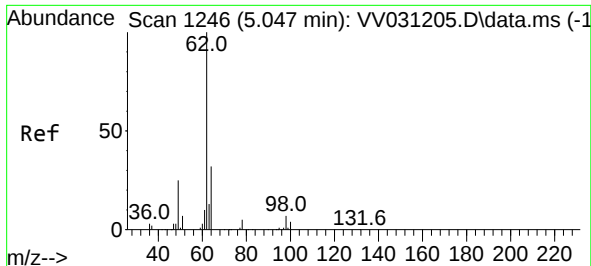
Tgt Ion:128 Resp: 30052
Ion Ratio Lower Upper
128 100
49 164.3 113.2 210.2
130 129.3 87.5 162.5
51 54.6 41.0 61.4



#25
Chloroform
Concen: 51.711 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 83 Resp: 117372
Ion Ratio Lower Upper
83 100
85 62.9 47.3 87.9





#27

1,2-Dichloroethane

Concen: 54.927 ug/L

RT: 5.050 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

Instrument :

MSVOA_V

ClientSampleId :

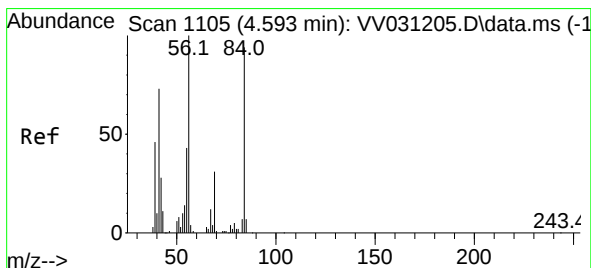
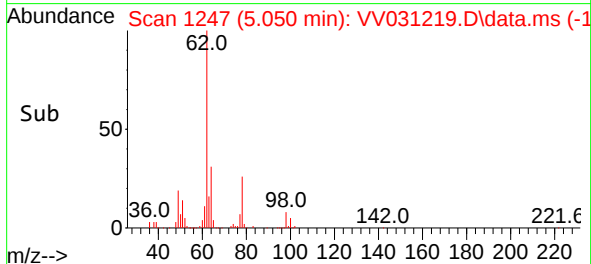
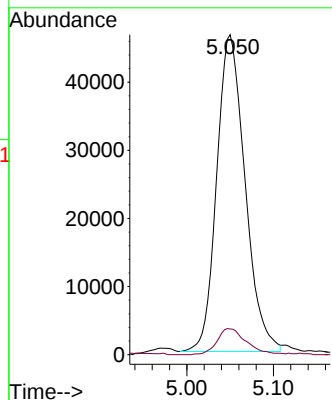
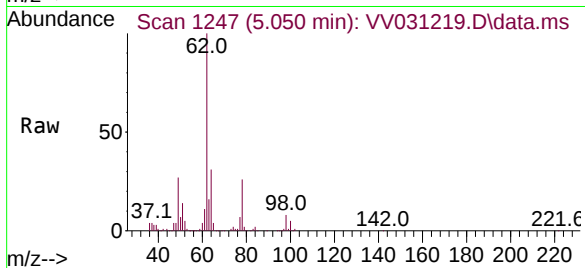
GBX75MS

Tgt Ion: 62 Resp: 105778

Ion Ratio Lower Upper

62 100

98 8.1 6.3 9.5



#29

Cyclohexane

Concen: 44.322 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

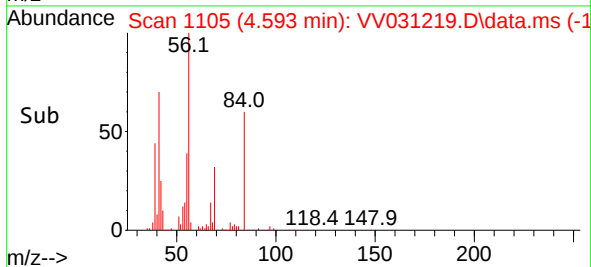
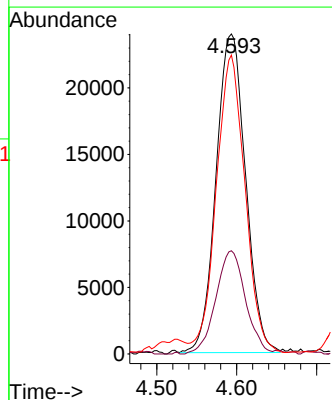
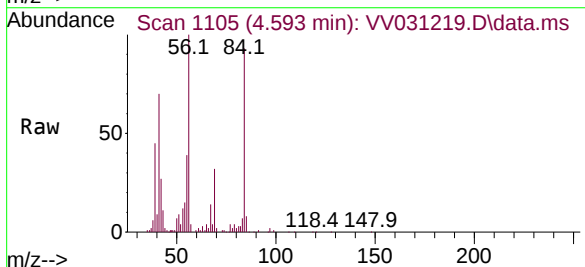
Tgt Ion: 56 Resp: 61464

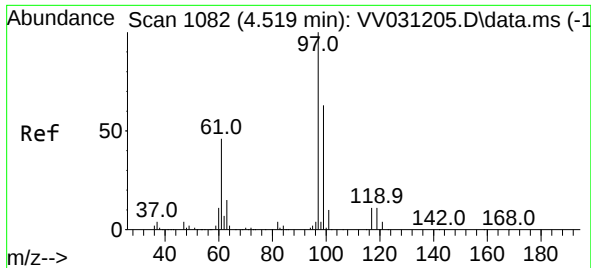
Ion Ratio Lower Upper

56 100

69 32.5 25.1 37.7

84 90.8 71.5 107.3





#30

1,1,1-Trichloroethane

Concen: 50.890 ug/L

RT: 4.522 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

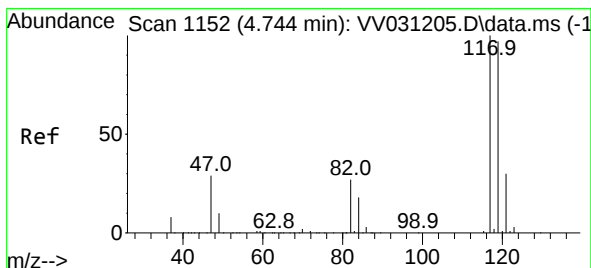
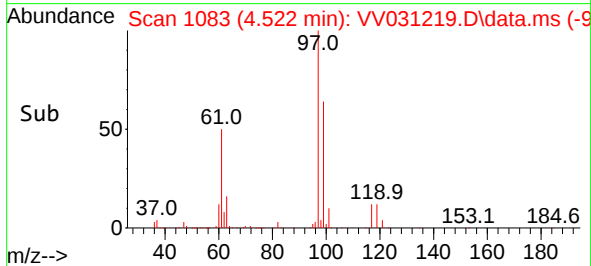
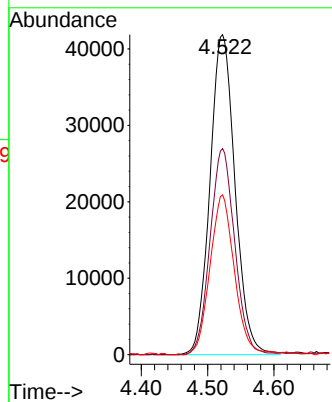
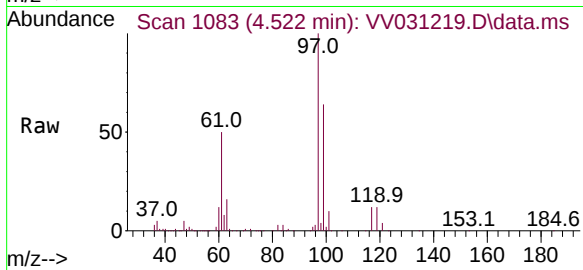
Tgt Ion: 97 Resp: 110053

Ion Ratio Lower Upper

97 100

99 63.2 51.9 77.9

61 48.3 38.2 57.2



#31

Carbon tetrachloride

Concen: 50.415 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV031219.D

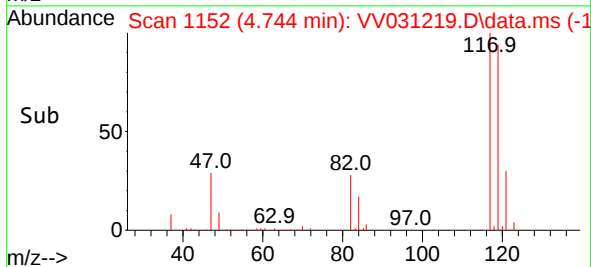
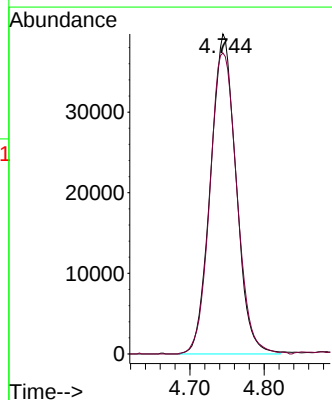
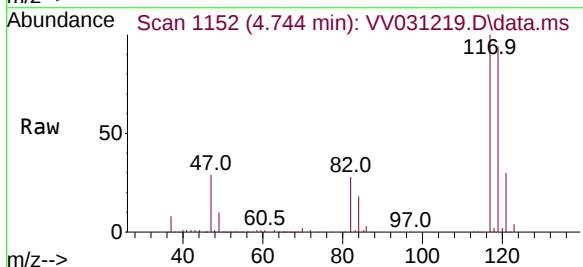
Acq: 24 May 2023 16:45

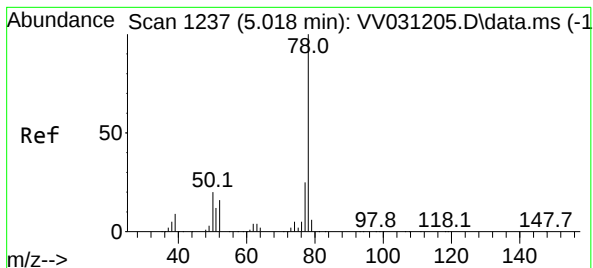
Tgt Ion: 117 Resp: 94980

Ion Ratio Lower Upper

117 100

119 99.1 76.9 115.3





#33

Benzene

Concen: 49.550 ug/L

RT: 5.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

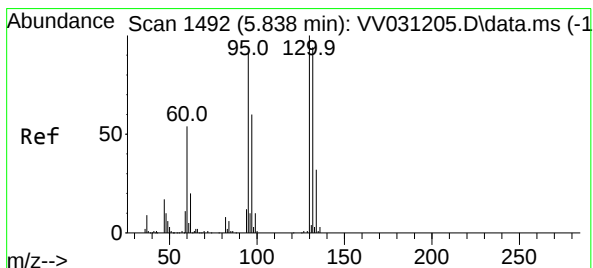
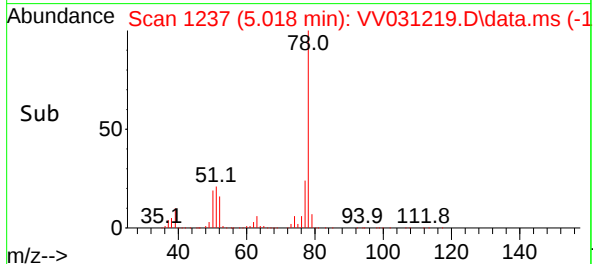
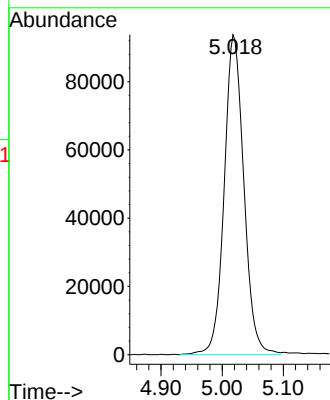
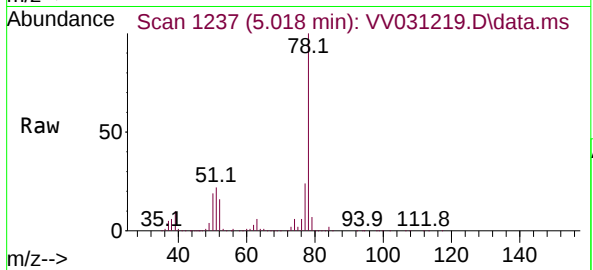
Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

Tgt Ion: 78 Resp: 209202



#34

Trichloroethene

Concen: 110.546 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

Tgt Ion: 95 Resp: 125058

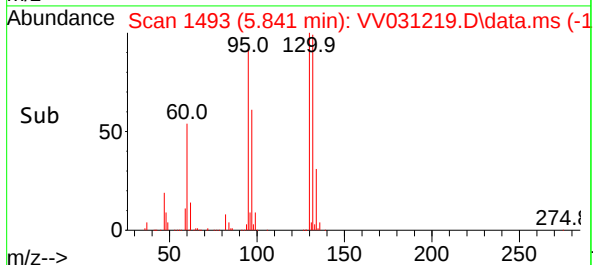
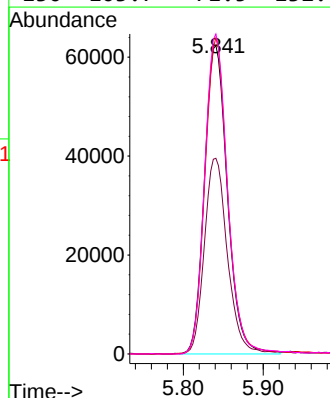
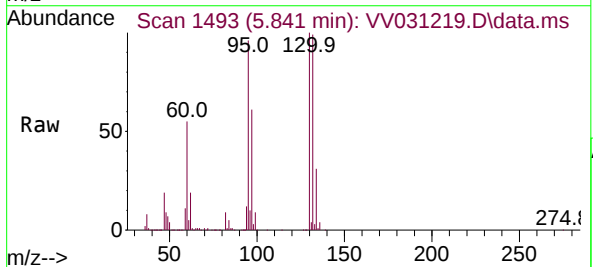
Ion Ratio Lower Upper

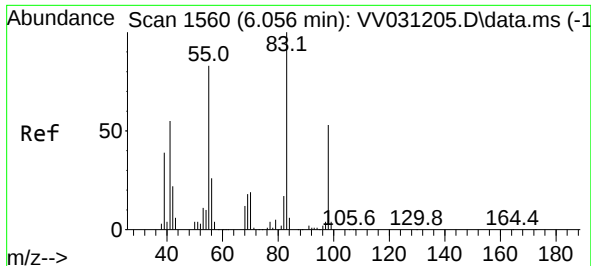
95 100

97 63.4 44.4 82.5

132 102.4 70.2 130.4

130 103.7 71.5 132.7





#35

Methylcyclohexane

Concen: 46.504 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. 0.003 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

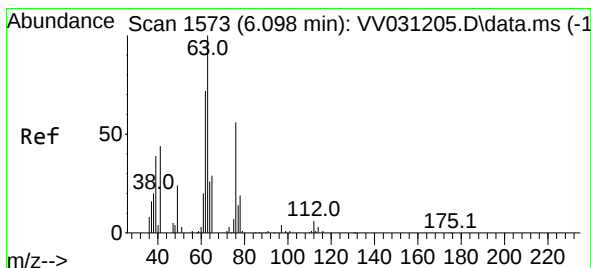
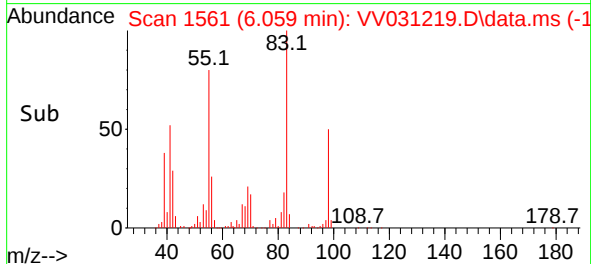
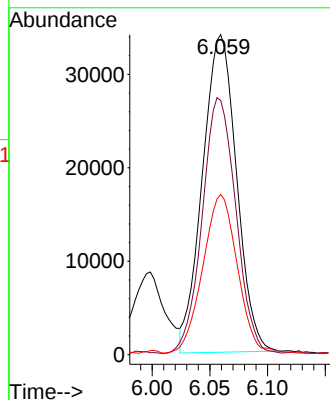
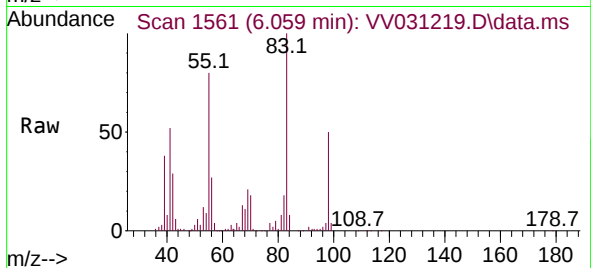
Tgt Ion: 83 Resp: 69810

Ion Ratio Lower Upper

83 100

55 79.8 64.2 96.2

98 50.0 40.0 60.0



#37

1,2-Dichloropropane

Concen: 48.864 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. 0.003 min

Lab File: VV031219.D

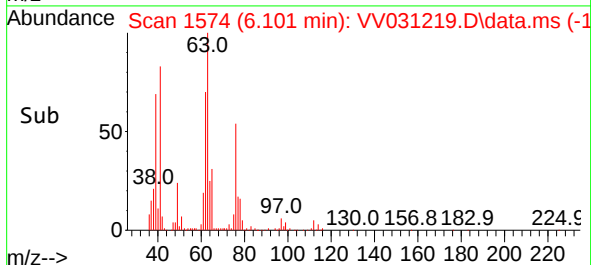
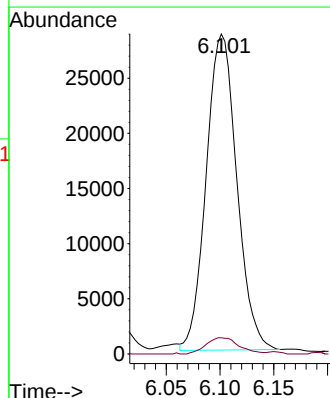
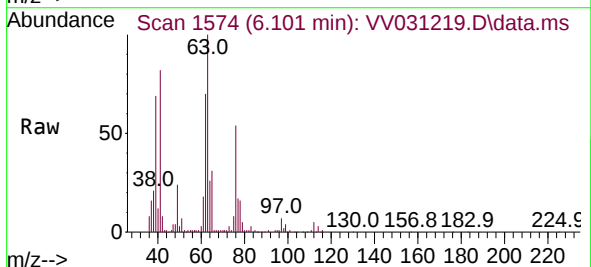
Acq: 24 May 2023 16:45

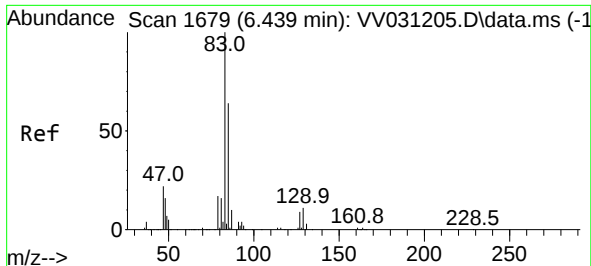
Tgt Ion: 63 Resp: 56783

Ion Ratio Lower Upper

63 100

112 5.5 4.3 6.5

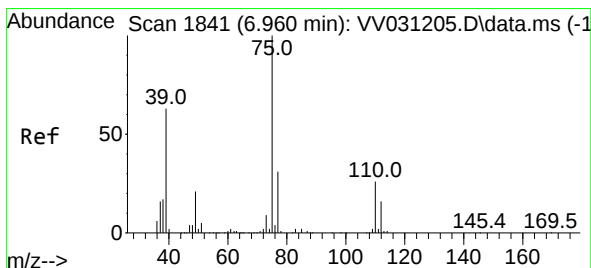
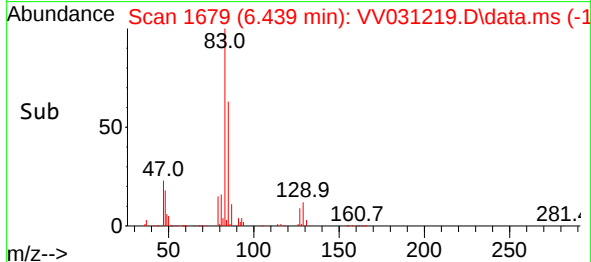
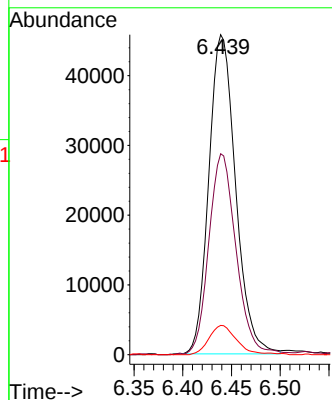
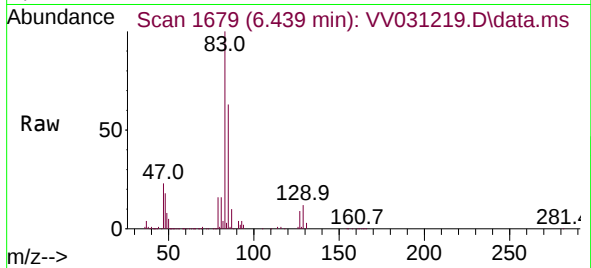




#38
Bromodichloromethane
Concen: 48.597 ug/L
RT: 6.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

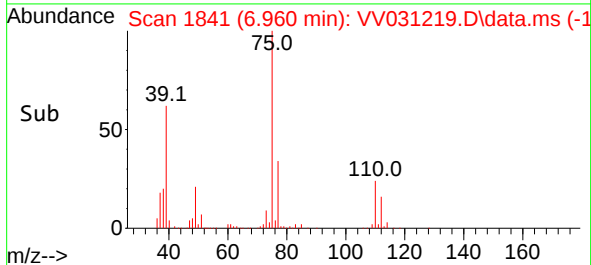
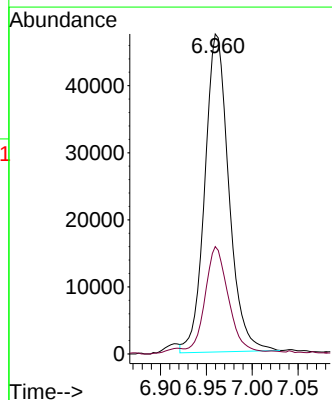
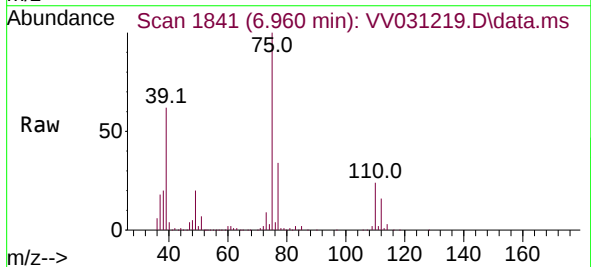
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

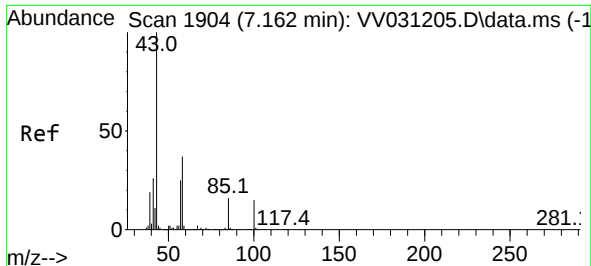
Tgt Ion: 83 Resp: 87542
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.6
127 9.1 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 48.390 ug/L
RT: 6.960 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 75 Resp: 86710
Ion Ratio Lower Upper
75 100
77 33.6 22.3 41.3





#40

4-Methyl-2-pentanone

Concen: 110.996 ug/L

RT: 7.165 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

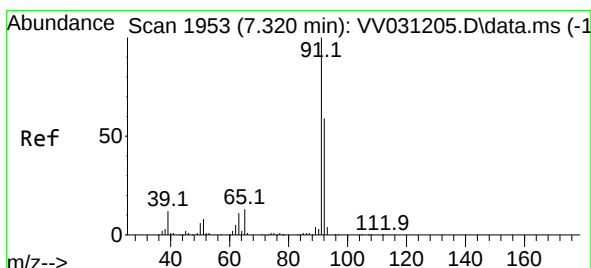
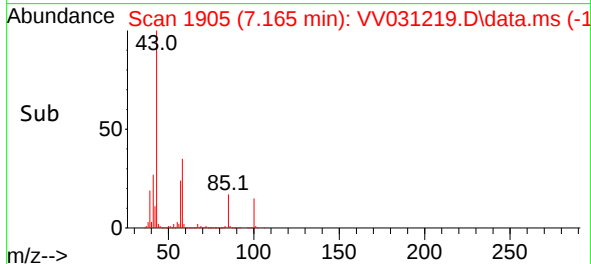
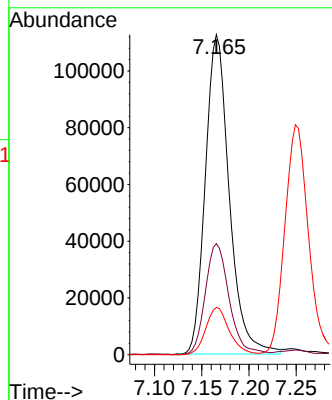
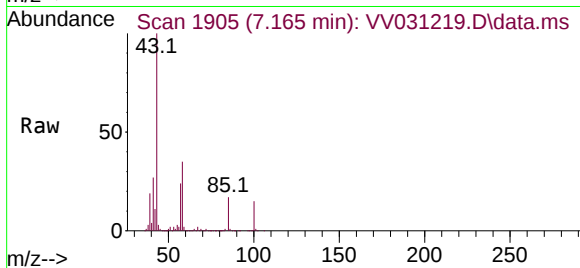
Tgt Ion: 43 Resp: 198479

Ion Ratio Lower Upper

43 100

58 34.8 29.0 43.4

100 14.6 12.2 18.4



#42

Toluene

Concen: 52.367 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV031219.D

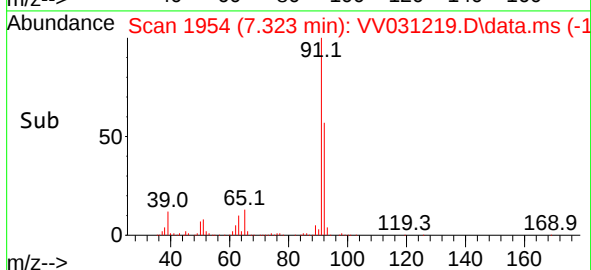
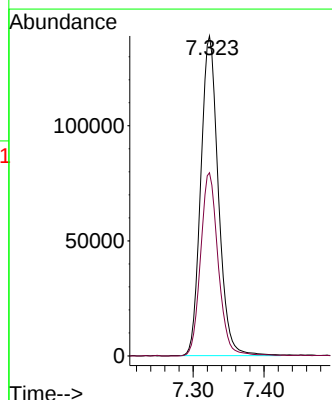
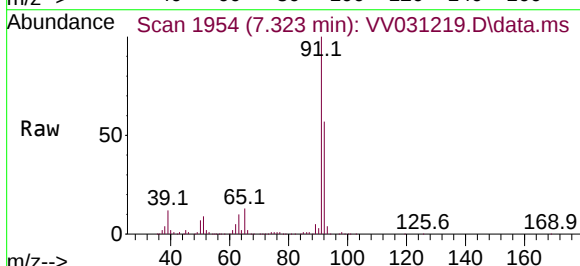
Acq: 24 May 2023 16:45

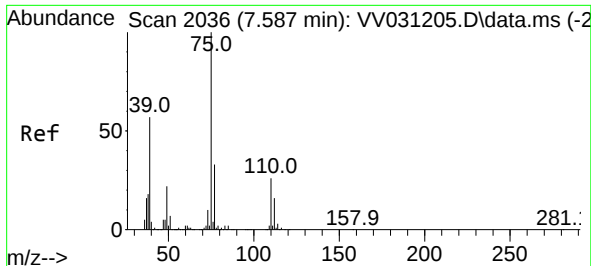
Tgt Ion: 91 Resp: 239208

Ion Ratio Lower Upper

91 100

92 57.3 40.9 76.0

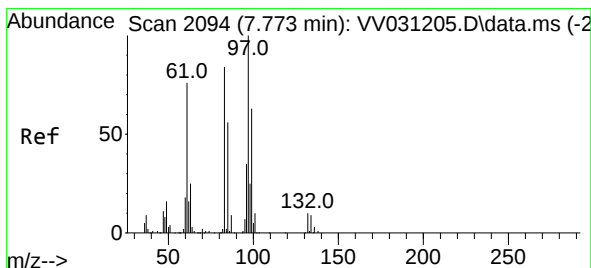
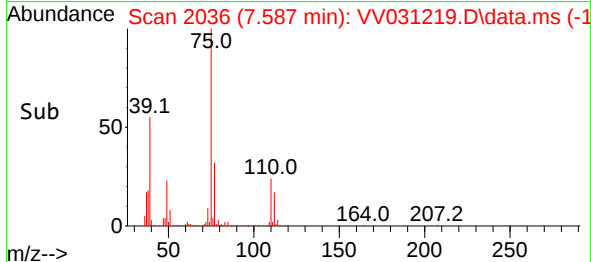
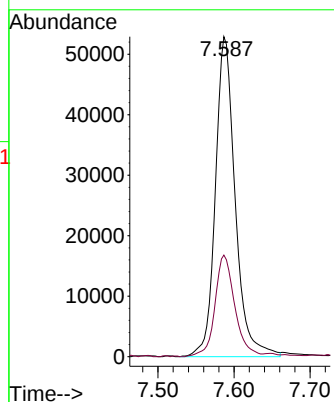
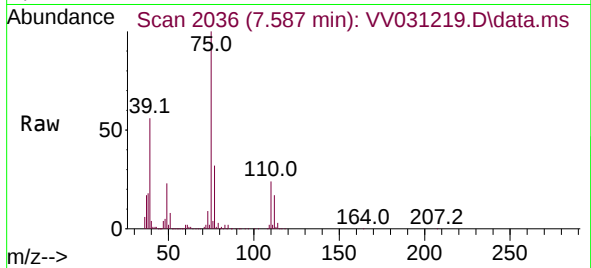




#44
trans-1,3-Dichloropropene
Concen: 52.792 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

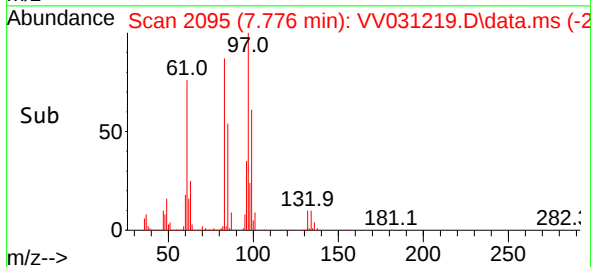
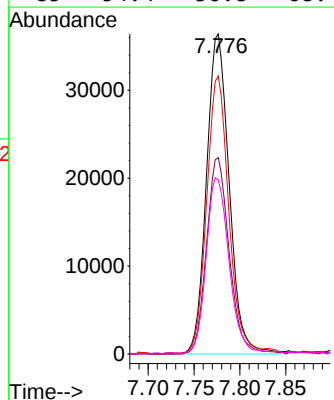
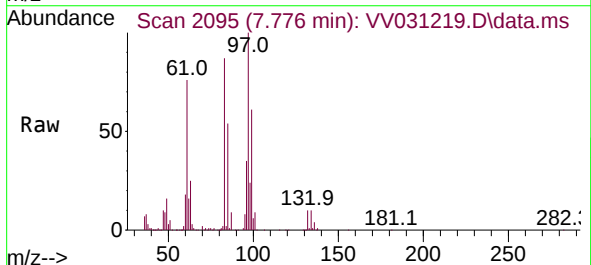
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

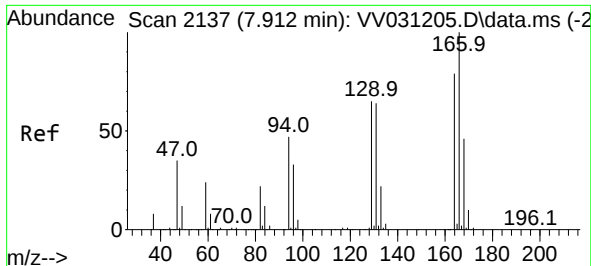
Tgt Ion: 75 Resp: 95698
Ion Ratio Lower Upper
75 100
77 31.8 22.2 41.2



#45
1,1,2-Trichloroethane
Concen: 49.496 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 97 Resp: 62764
Ion Ratio Lower Upper
97 100
99 61.3 43.2 80.2
83 86.9 60.5 112.3
85 54.4 36.8 68.4

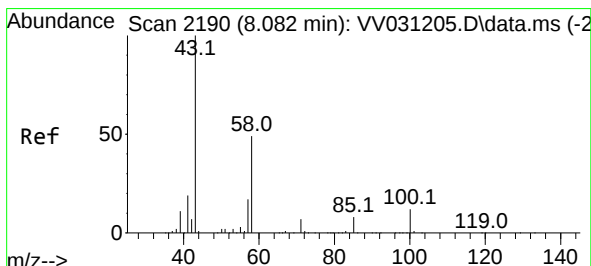
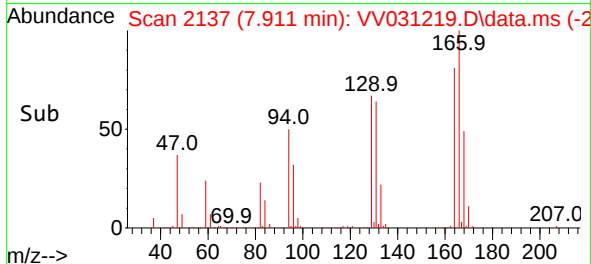
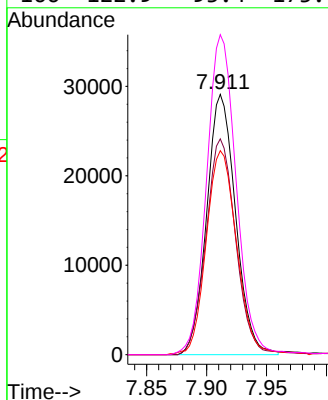
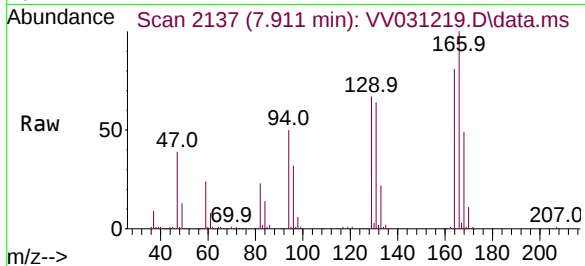




#46
Tetrachloroethene
Concen: 50.198 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

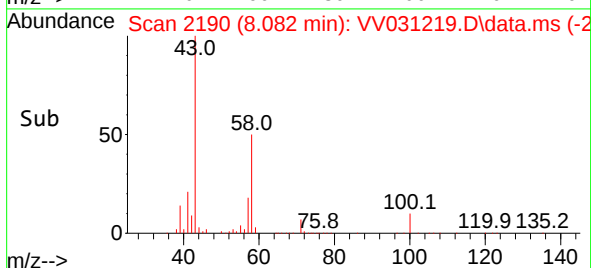
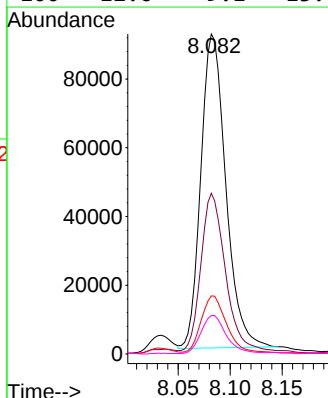
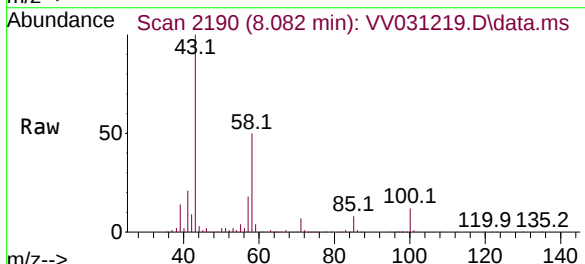
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

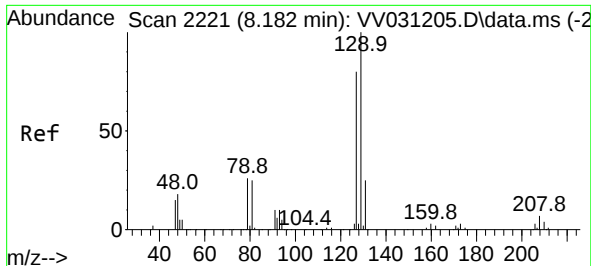
Tgt Ion:164	Resp:	48763
Ion	Ratio	Lower Upper
164	100	
129	82.9	65.5 121.7
131	78.3	62.1 115.3
166	122.9	93.4 173.4



#48
2-Hexanone
Concen: 102.319 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 43	Resp:	152390
Ion	Ratio	Lower Upper
43	100	
58	49.2	39.8 59.6
57	18.5	14.4 21.6
100	12.6	9.1 13.7





#49

Dibromochloromethane

Concen: 50.531 ug/L

RT: 8.181 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

Instrument :

MSVOA_V

ClientSampleId :

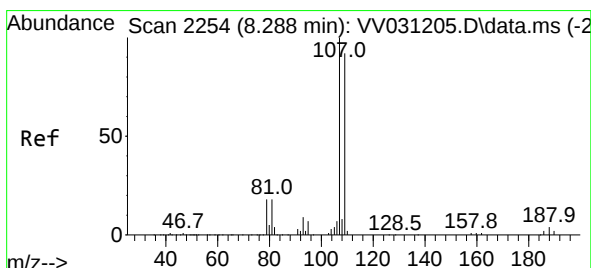
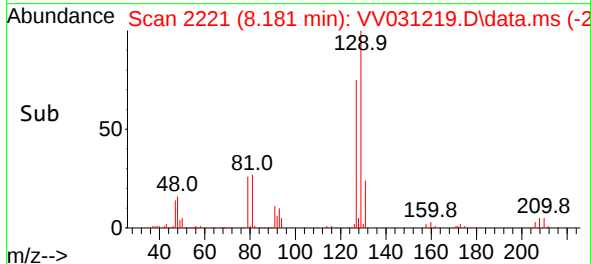
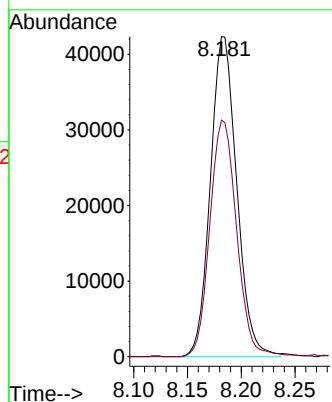
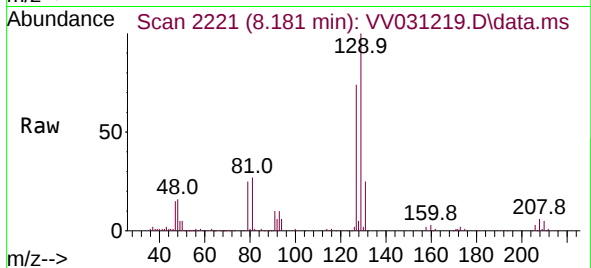
GBX75MS

Tgt Ion:129 Resp: 72295

Ion Ratio Lower Upper

129 100

127 73.9 56.1 104.1



#50

1,2-Dibromoethane

Concen: 48.550 ug/L

RT: 8.288 min Scan# 2254

Delta R.T. -0.000 min

Lab File: VV031219.D

Acq: 24 May 2023 16:45

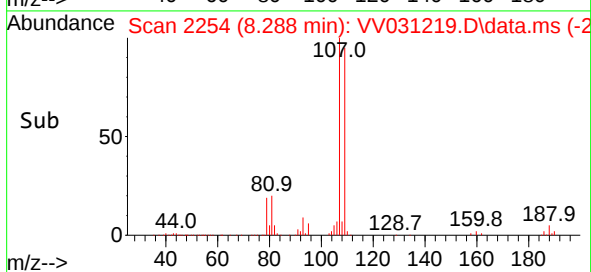
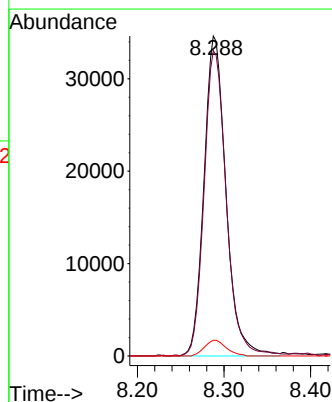
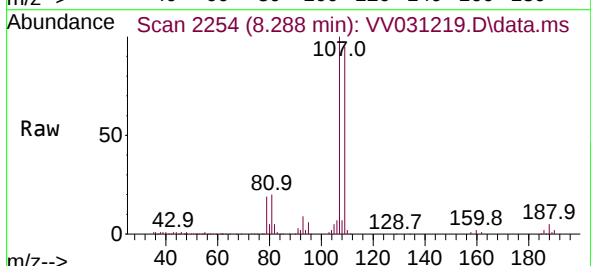
Tgt Ion:107 Resp: 61209

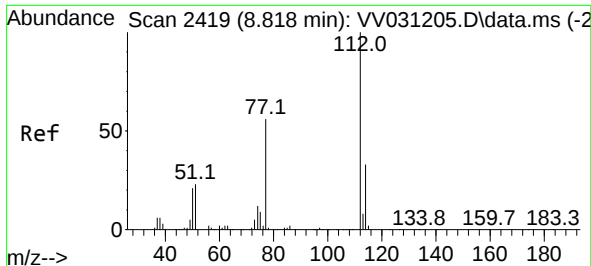
Ion Ratio Lower Upper

107 100

109 95.4 65.6 121.8

188 4.9 3.8 5.6

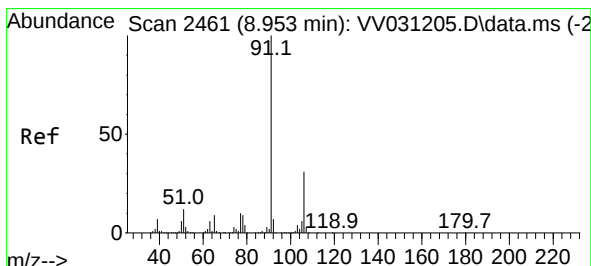
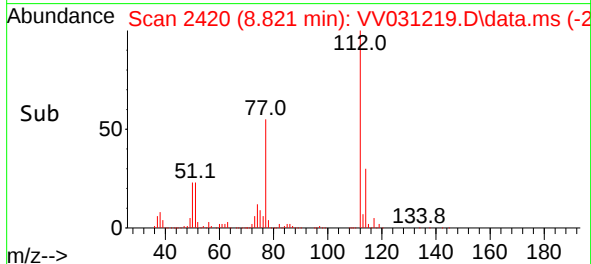
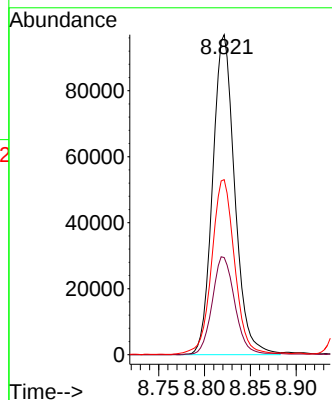
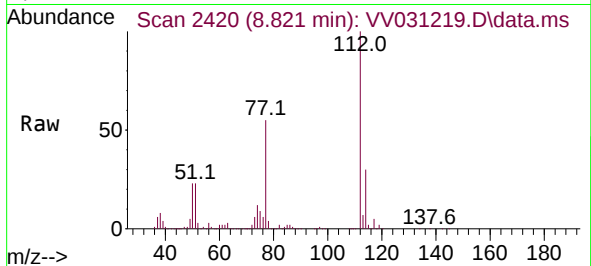




#51
Chlorobenzene
Concen: 49.977 ug/L
RT: 8.821 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

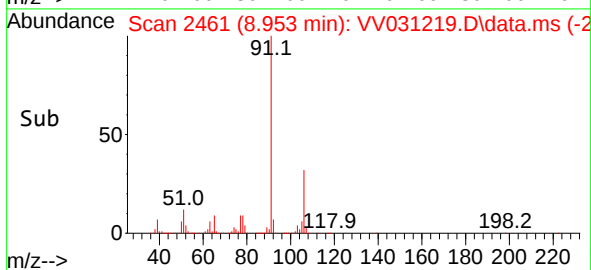
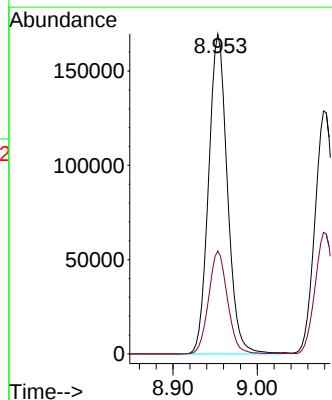
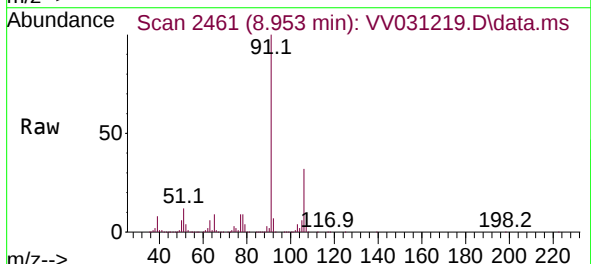
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

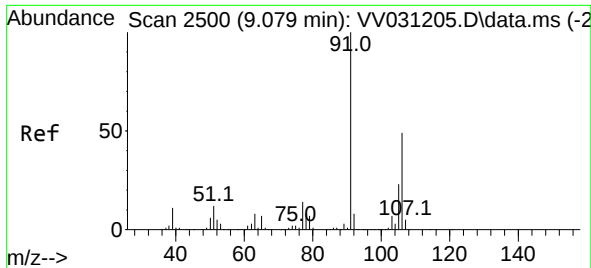
Tgt Ion:112 Resp: 162488
Ion Ratio Lower Upper
112 100
114 30.4 23.0 42.8
77 54.7 46.2 69.4



#52
Ethylbenzene
Concen: 50.401 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 91 Resp: 263592
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9

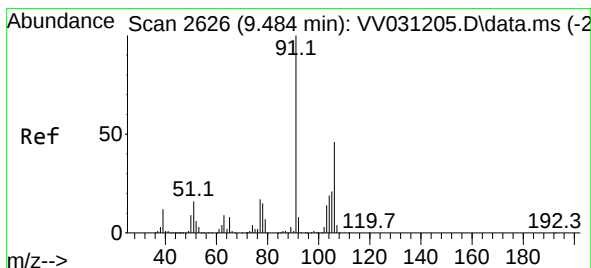
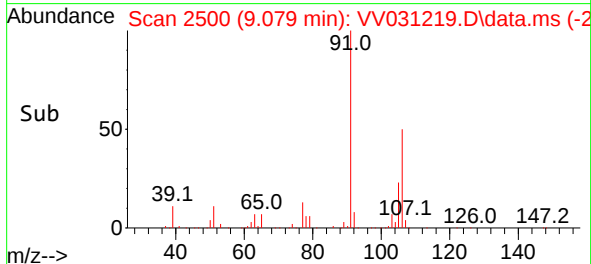
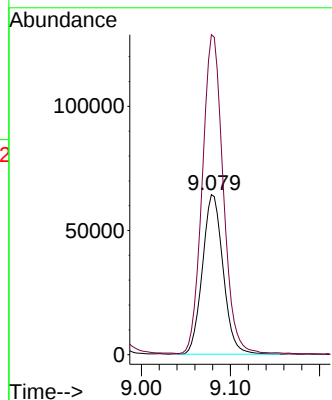
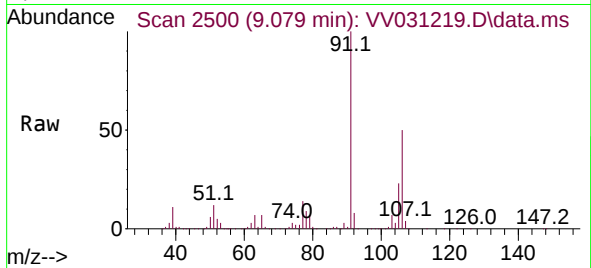




#53
m,p-Xylene
Concen: 51.042 ug/L
RT: 9.079 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

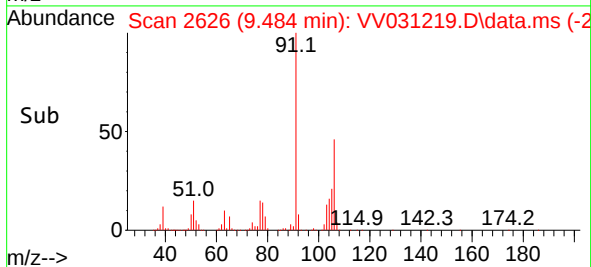
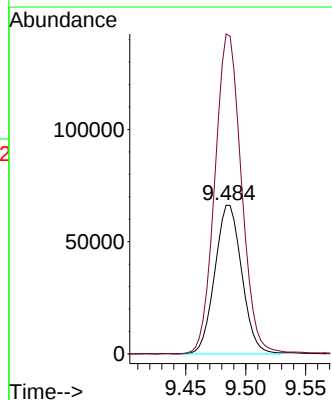
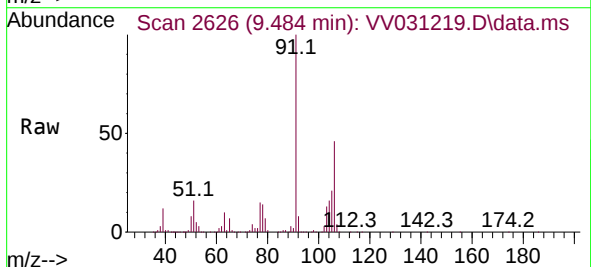
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

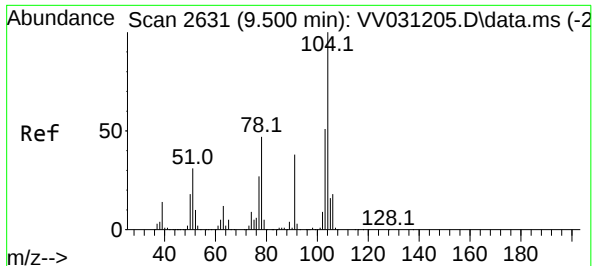
Tgt Ion:106 Resp: 103551
Ion Ratio Lower Upper
106 100
91 200.0 145.3 269.8



#54
o-Xylene
Concen: 51.687 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion:106 Resp: 103443
Ion Ratio Lower Upper
106 100
91 215.1 150.4 279.2

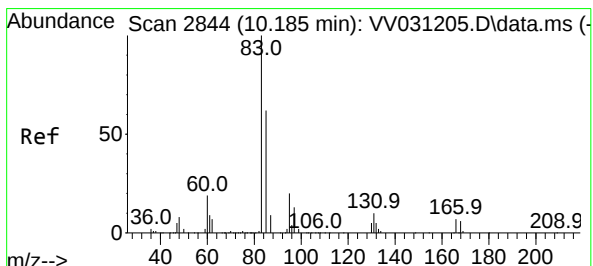
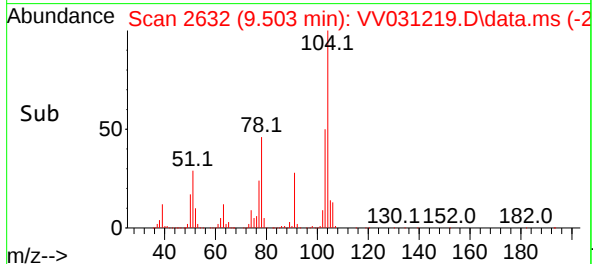
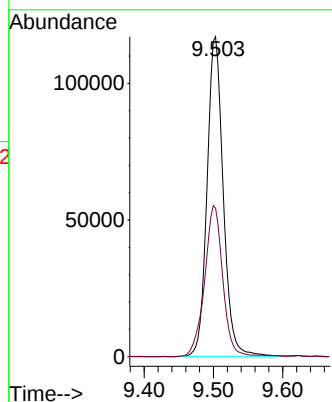
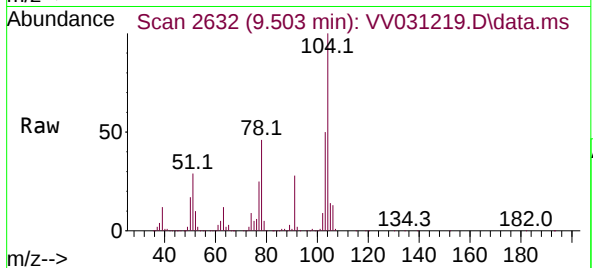




#55
Styrene
Concen: 53.534 ug/L
RT: 9.503 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

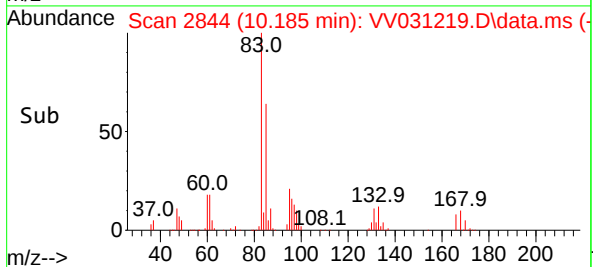
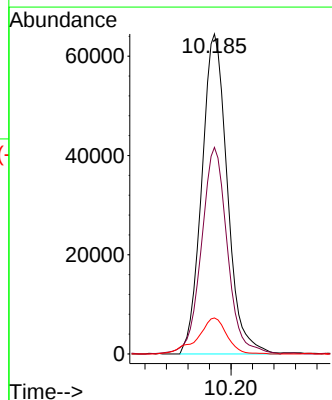
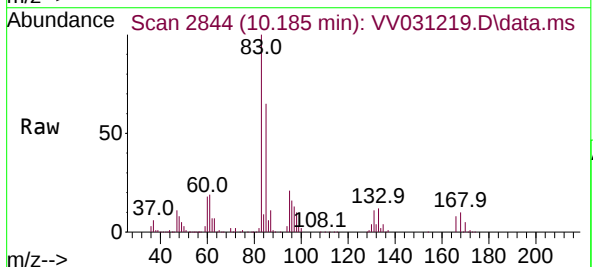
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

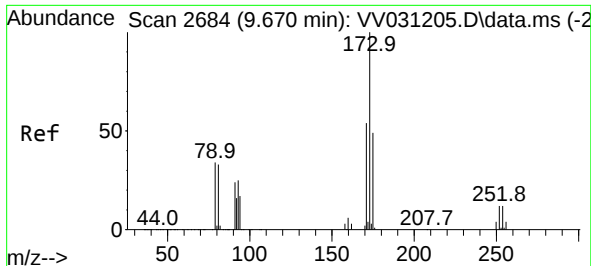
Tgt Ion:104 Resp: 189484
Ion Ratio Lower Upper
104 100
78 46.4 33.2 61.6



#57
1,1,2,2-Tetrachloroethane
Concen: 51.092 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 83 Resp: 106450
Ion Ratio Lower Upper
83 100
85 64.6 45.0 83.6
131 11.3 9.2 13.8

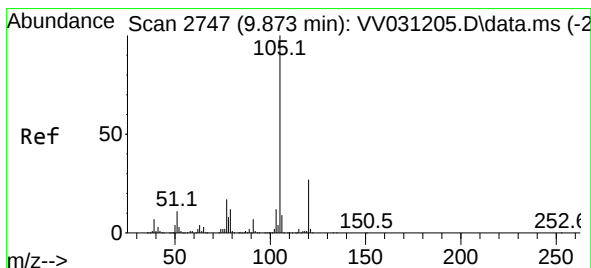
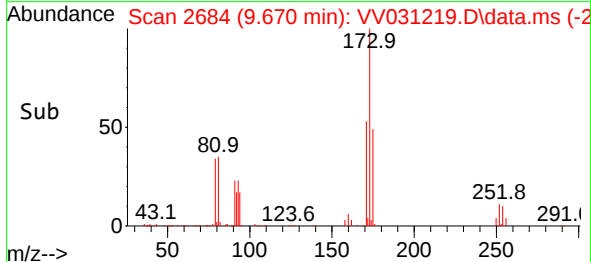
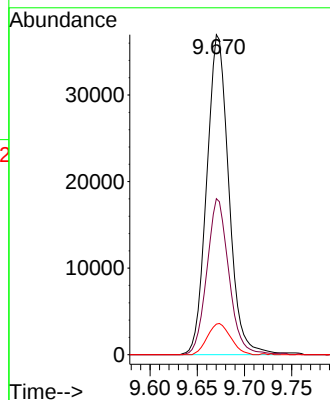
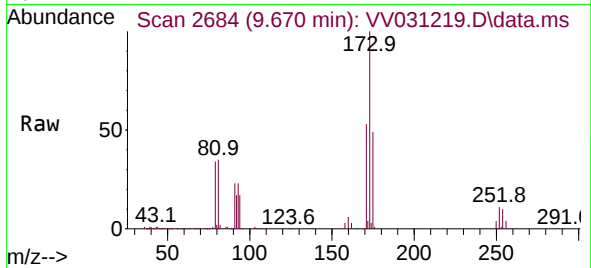




#59
Bromoform
Concen: 47.657 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

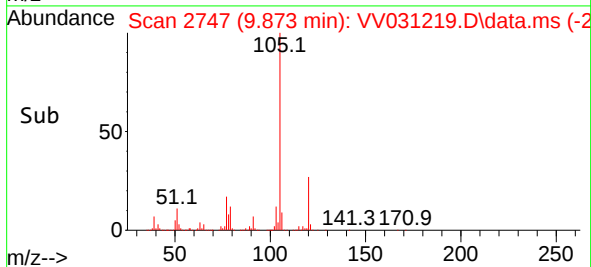
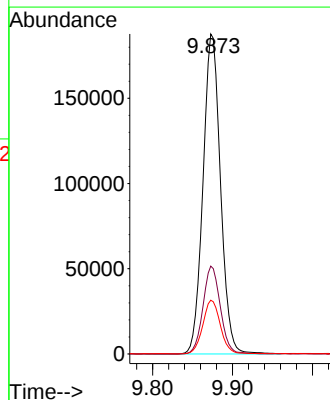
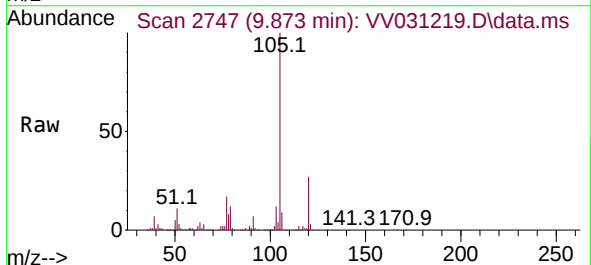
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

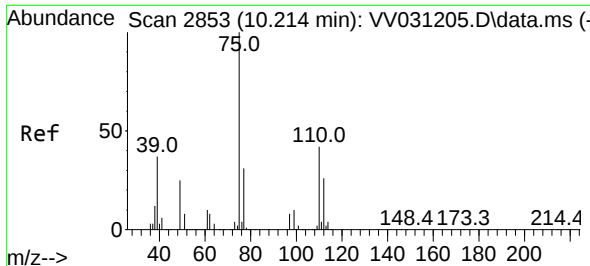
Tgt Ion:173 Resp: 60052
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 10.2 8.8 13.2



#60
Isopropylbenzene
Concen: 49.317 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion:105 Resp: 286627
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 16.6 13.0 19.6

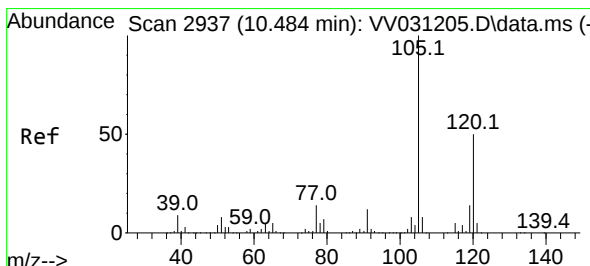
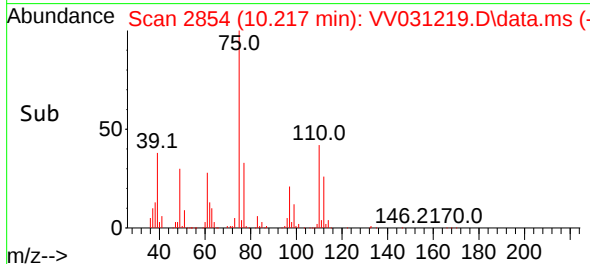
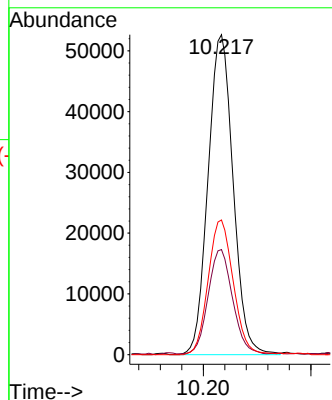
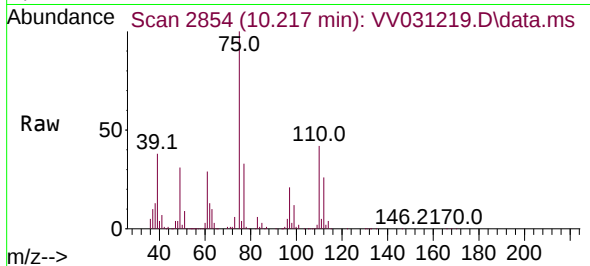




#61
1,2,3-Trichloropropane
Concen: 50.896 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.003 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

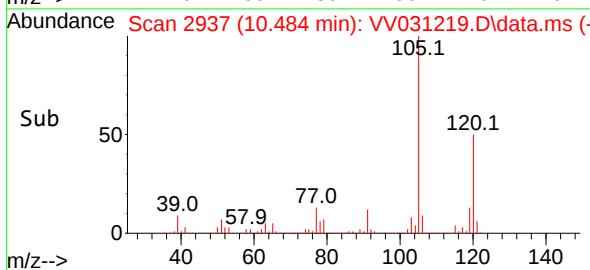
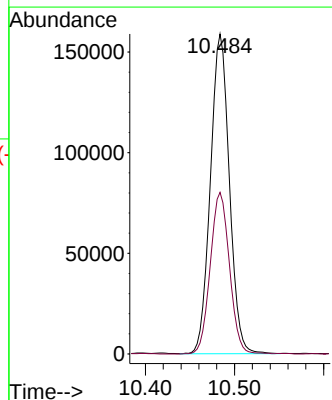
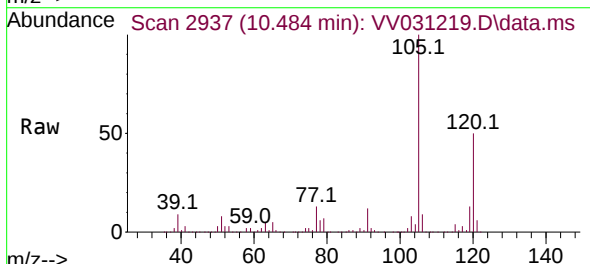
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

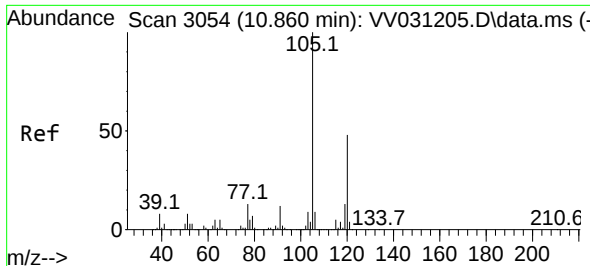
Tgt Ion: 75 Resp: 85088
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
110 42.2 32.5 48.7



#62
1,3,5-Trimethylbenzene
Concen: 49.125 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 105 Resp: 234684
Ion Ratio Lower Upper
105 100
120 51.0 40.5 60.7

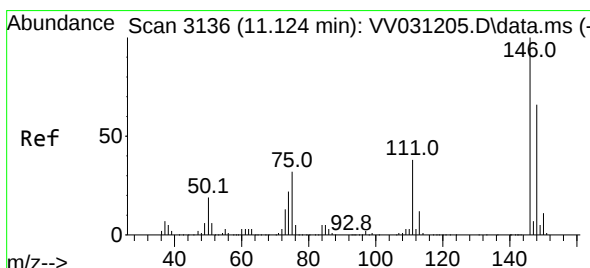
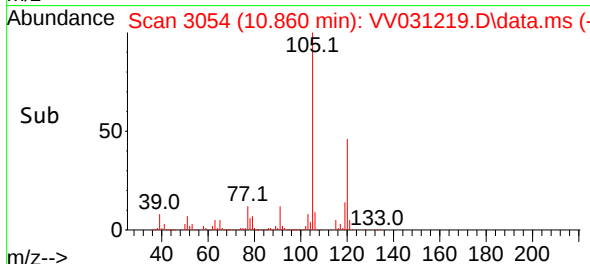
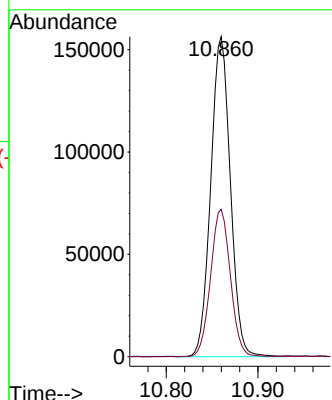
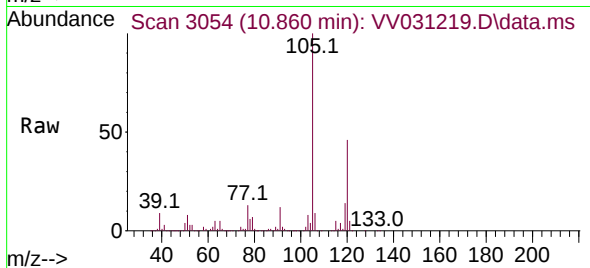




#63
1,2,4-Trimethylbenzene
Concen: 49.722 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

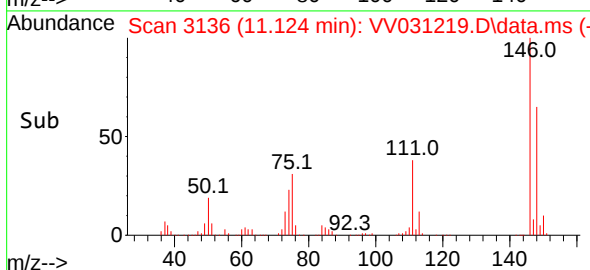
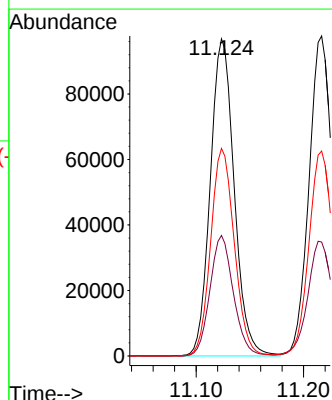
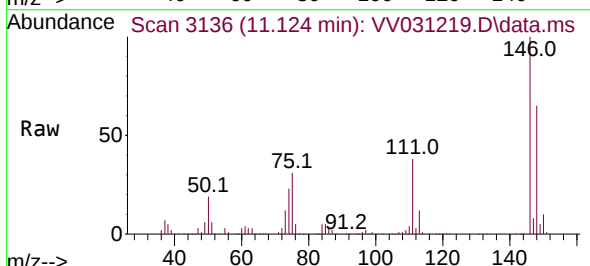
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

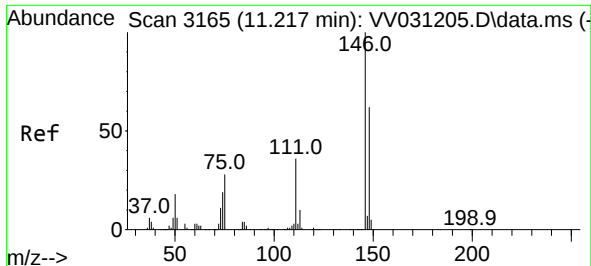
Tgt Ion:105 Resp: 232256
Ion Ratio Lower Upper
105 100
120 46.1 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 50.199 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion:146 Resp: 149491
Ion Ratio Lower Upper
146 100
111 38.0 27.2 50.4
148 65.4 44.4 82.5

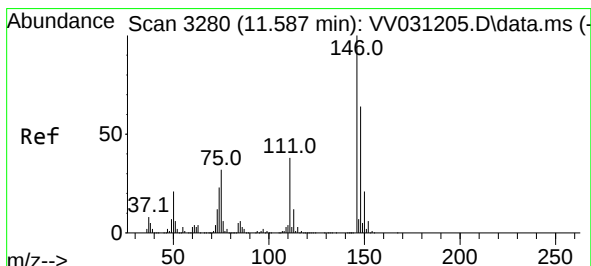
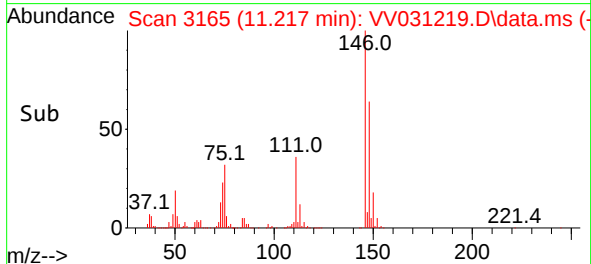
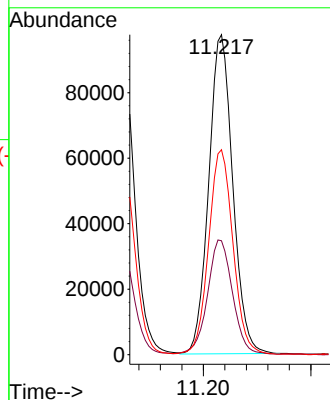
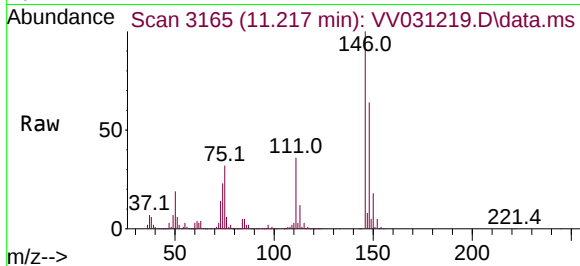




#65
 1,4-Dichlorobenzene
 Concen: 48.799 ug/L
 RT: 11.217 min Scan# 3165
 Delta R.T. -0.000 min
 Lab File: VV031219.D
 Acq: 24 May 2023 16:45

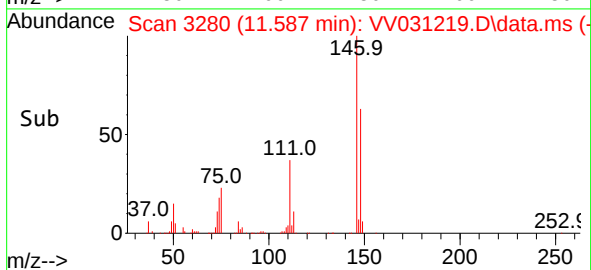
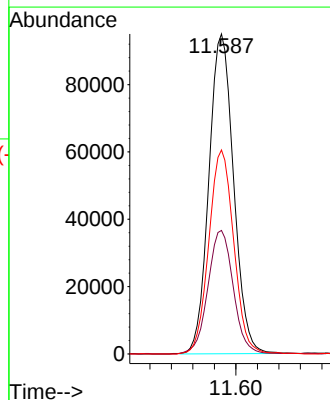
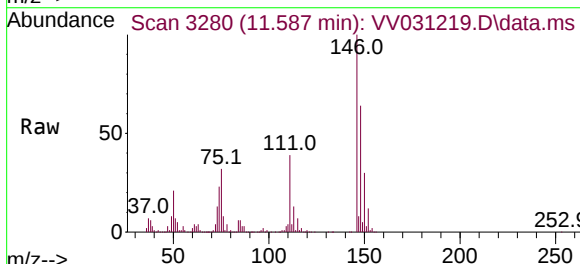
Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MS

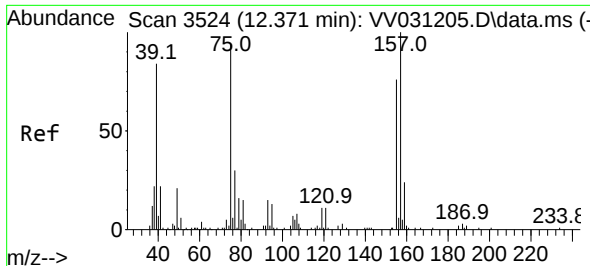
Tgt Ion:146 Resp: 151184
 Ion Ratio Lower Upper
 146 100
 111 35.6 25.5 47.3
 148 64.0 44.5 82.7



#67
 1,2-Dichlorobenzene
 Concen: 50.058 ug/L
 RT: 11.587 min Scan# 3280
 Delta R.T. -0.000 min
 Lab File: VV031219.D
 Acq: 24 May 2023 16:45

Tgt Ion:146 Resp: 151261
 Ion Ratio Lower Upper
 146 100
 111 38.6 31.4 47.2
 148 63.8 50.2 75.4

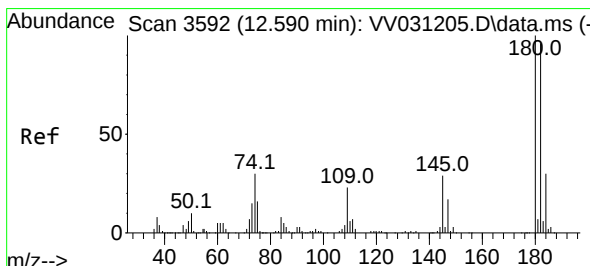
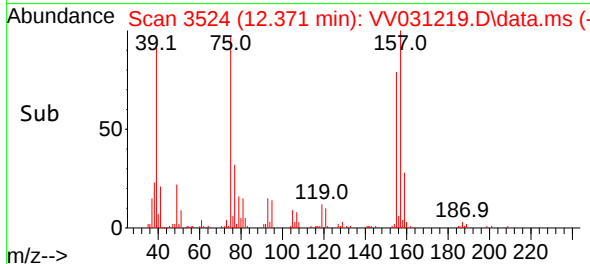
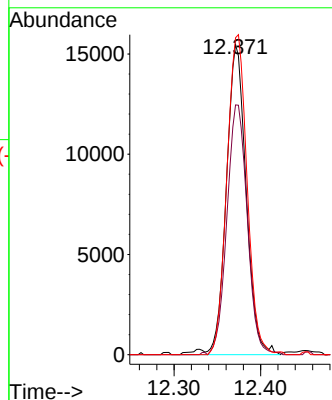
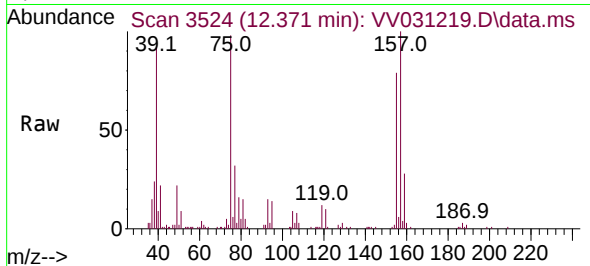




#68
1,2-Dibromo-3-chloropropane
Concen: 48.082 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

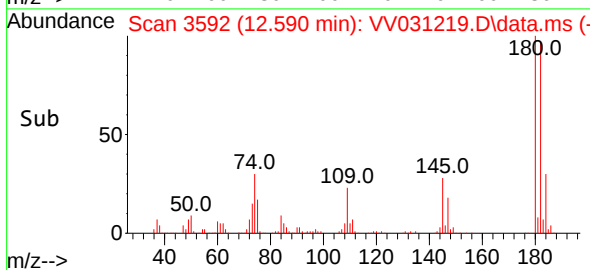
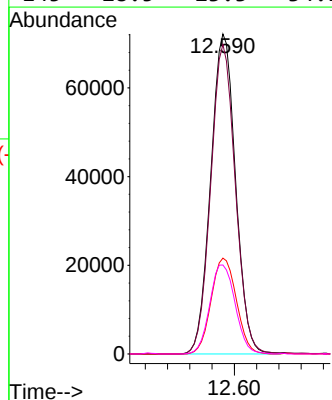
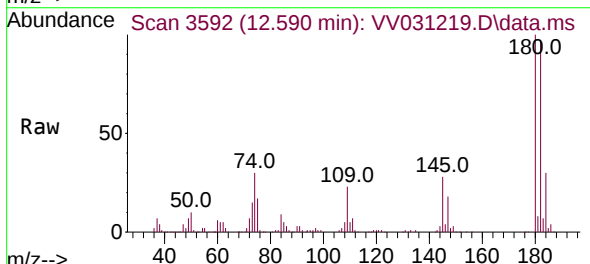
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

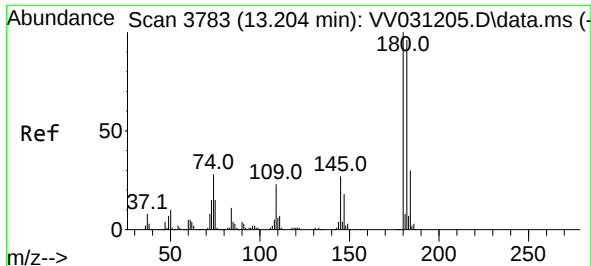
Tgt Ion: 75 Resp: 24675
Ion Ratio Lower Upper
75 100
155 80.5 70.9 106.3
157 102.1 88.1 132.1



#69
1,3,5-Trichlorobenzene
Concen: 48.488 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

Tgt Ion: 180 Resp: 111625
Ion Ratio Lower Upper
180 100
182 95.7 76.6 115.0
184 30.5 24.6 37.0
145 28.5 23.3 34.9

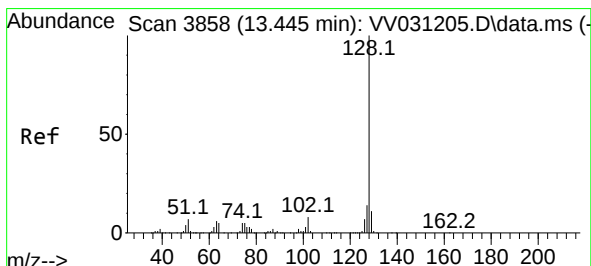
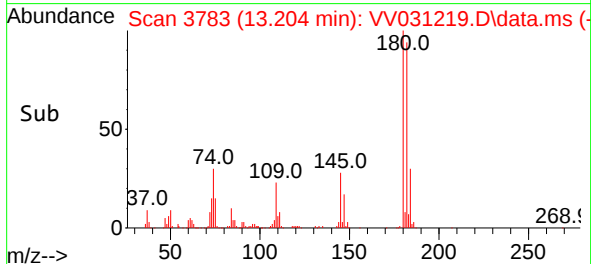
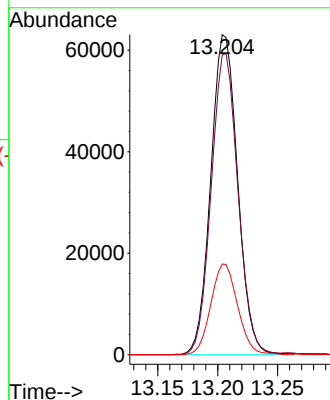
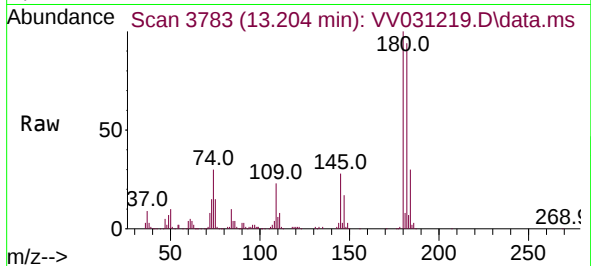




#70
1,2,4-trichlorobenzene
Concen: 50.017 ug/L
RT: 13.204 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

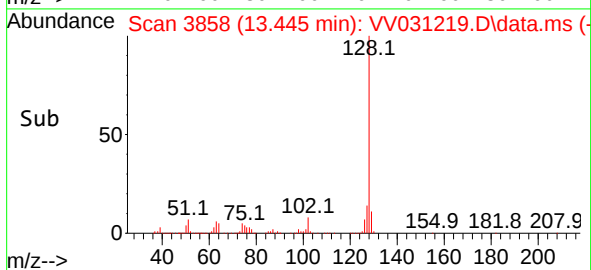
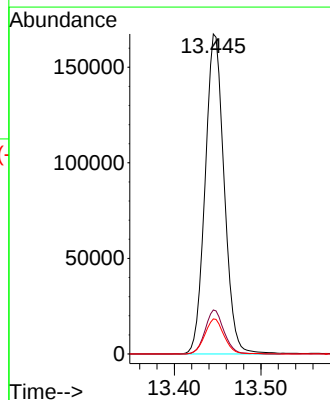
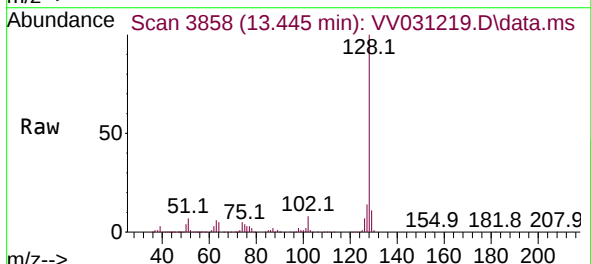
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

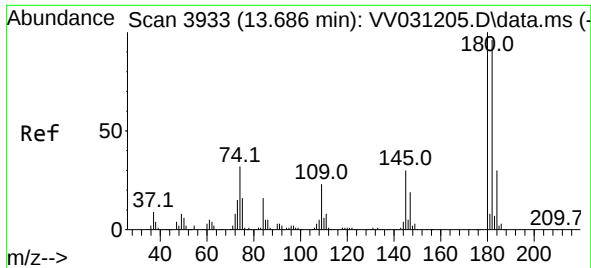
Tgt Ion:	180	Resp:	97991
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.4	113.2
145	28.3	23.1	34.7



#71
Naphthalene
Concen: 50.153 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. -0.000 min
Lab File: VV031219.D
Acq: 24 May 2023 16:45

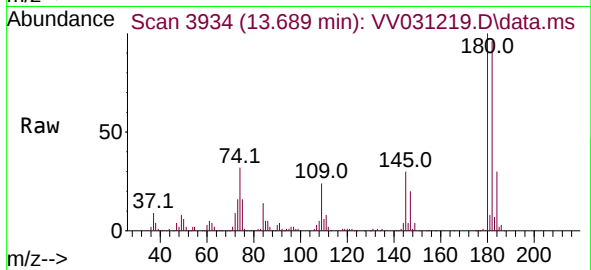
Tgt Ion:	128	Resp:	255225
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	16.0
129	11.0	8.8	13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 50.925 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.003 min
 Lab File: VV031219.D
 Acq: 24 May 2023 16:45

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MS



Tgt Ion:180 Resp: 99698
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.4 113.0
 145 29.8 24.2 36.4

