

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030820.D
 Acq On : 25 Apr 2023 02:42
 Operator : SY/MD
 Sample : 02417-10MSME
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

Quant Time: Apr 25 05:32:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	285072	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	277248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.198	152	170639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	120493	57.658	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 115.320%		
7) Chloroethane-d5	1.529	69	128509	73.382	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 146.760%#		
11) 1,1-Dichloroethene-d2	2.050	65	62265	62.827	ug/L	-0.01
Spiked Amount 50.000	Range 60	- 125	Recovery	= 125.660%#		
21) 2-Butanone-d5	3.812	46	165394	144.091	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 144.090%#		
24) Chloroform-d	4.259	84	269679	71.208	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 142.420%#		
26) 1,2-Dichloroethane-d4	4.950	65	181125	74.388	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 148.780%#		
32) Benzene-d6	4.963	84	500082	76.291	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 152.580%#		
36) 1,2-Dichloropropane-d6	5.995	67	147636	72.508	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 145.020%#		
41) Toluene-d8	7.249	98	481900	78.301	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 156.600%#		
43) trans-1,3-Dichloroprop...	7.561	79	81534	79.449	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 158.900%#		
47) 2-Hexanone-d5	8.040	63	45465	56.682	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 56.680%		
56) 1,1,2,2-Tetrachloroeth...	10.169	84	221827	75.080	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 150.160%#		
66) 1,2-Dichlorobenzene-d4	11.574	152	211030	77.806	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 155.620%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	146036	59.583	ug/L	100
3) Chloromethane	1.217	50	221722	68.963	ug/L	99
5) Vinyl chloride	1.285	62	153607	59.260	ug/L	100
6) Bromomethane	1.487	94	90680	88.224	ug/L	97
8) Chloroethane	1.542	64	121788	68.502	ug/L	100
9) Trichlorofluoromethane	1.693	101	329538	78.441	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	154679	70.059	ug/L	99
12) 1,1-Dichloroethene	2.060	96	129461	64.856	ug/L	97
13) Acetone	2.134	43	146135	82.275	ug/L	98
14) Carbon disulfide	2.230	76	328746	58.308	ug/L	99
15) Methyl Acetate	2.381	43	156450	66.005	ug/L	99
16) Methylene chloride	2.449	84	143840	62.970	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	135371	67.178	ug/L	99
18) Methyl tert-butyl Ether	2.716	73	505517	78.320	ug/L	98
19) 1,1-Dichloroethane	3.111	63	273846	66.653	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	152045	69.362	ug/L	98
22) 2-Butanone	3.892	43	204965	111.666	ug/L	99
23) Bromochloromethane	4.156	128	76062	62.127	ug/L	98
25) Chloroform	4.285	83	293124	68.931	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030820.D
 Acq On : 25 Apr 2023 02:42
 Operator : SY/MD
 Sample : 02417-10MSME
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 42 Sample Multiplier: 1

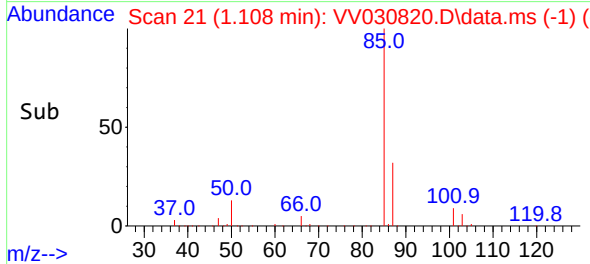
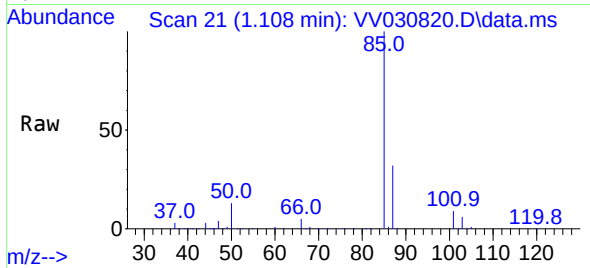
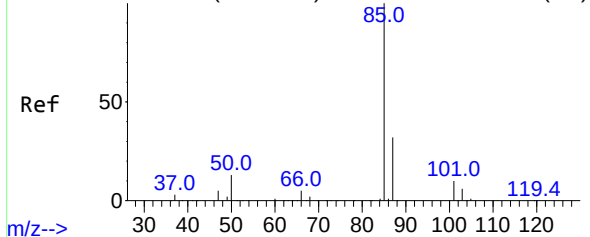
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

Quant Time: Apr 25 05:32:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	256684	71.307	ug/L	99
29) Cyclohexane	4.584	56	240803	72.376	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	277421	71.211	ug/L	99
31) Carbon tetrachloride	4.738	117	243128	69.803	ug/L	99
33) Benzene	5.014	78	597311	70.947	ug/L	100
34) Trichloroethene	5.838	95	151807	69.321	ug/L	98
35) Methylcyclohexane	6.056	83	253931	74.002	ug/L	98
37) 1,2-Dichloropropane	6.101	63	157499	69.504	ug/L	100
38) Bromodichloromethane	6.442	83	218113	68.519	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	251183	73.854	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	306515	96.832	ug/L	99
42) Toluene	7.323	91	657529	72.915	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	251173	75.169	ug/L	100
45) 1,1,2-Trichloroethane	7.780	97	158387	69.704	ug/L	98
46) Tetrachloroethene	7.911	164	137043	71.494	ug/L	99
48) 2-Hexanone	8.088	43	146157	55.959	ug/L	99
49) Dibromochloromethane	8.188	129	176898	70.579	ug/L	96
50) 1,2-Dibromoethane	8.291	107	163195	69.315	ug/L	100
51) Chlorobenzene	8.821	112	430267	72.044	ug/L	98
52) Ethylbenzene	8.953	91	748345	74.961	ug/L	99
53) m,p-Xylene	9.082	106	288844	76.598	ug/L	99
54) o-Xylene	9.487	106	282883	76.682	ug/L	99
55) Styrene	9.506	104	505627	78.028	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.194	83	256306	68.702	ug/L	100
59) Bromoform	9.683	173	145057	67.898	ug/L	98
60) Isopropylbenzene	9.876	105	797332	74.923	ug/L	100
61) 1,2,3-Trichloropropane	10.223	75	196881	64.419	ug/L	100
62) 1,3,5-Trimethylbenzene	10.487	105	674717	77.005	ug/L	100
63) 1,2,4-Trimethylbenzene	10.863	105	676968	77.381	ug/L	100
64) 1,3-Dichlorobenzene	11.130	146	393047	73.770	ug/L	100
65) 1,4-Dichlorobenzene	11.220	146	404704	72.033	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	389078	72.386	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	55945	61.785	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	301785	74.981	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	266159	77.886	ug/L	99
71) Naphthalene	13.448	128	693948	74.235	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	259744	76.653	ug/L	99

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

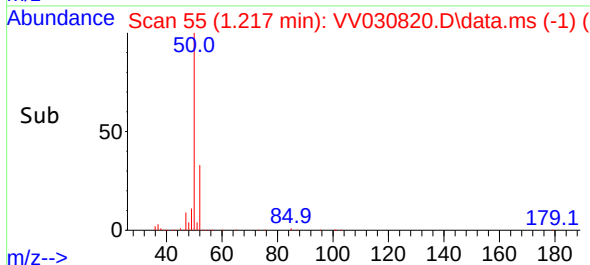
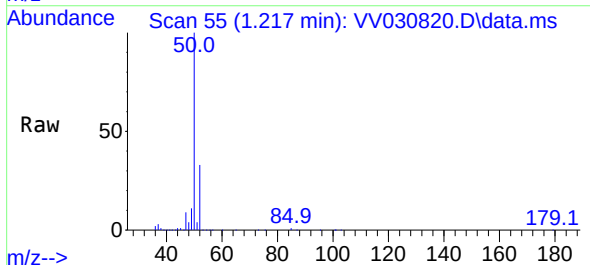
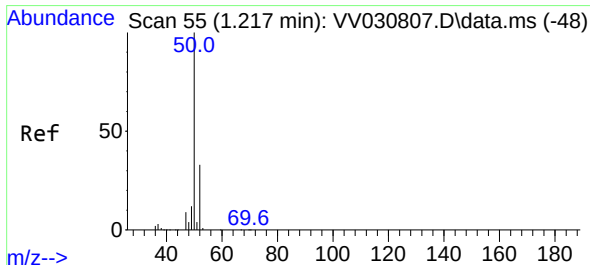
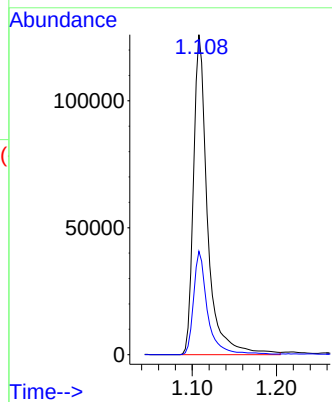
Abundance Scan 21 (1.108 min): VV030807.D\data.ms (-15)



#2
Dichlorodifluoromethane
Concen: 59.583 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

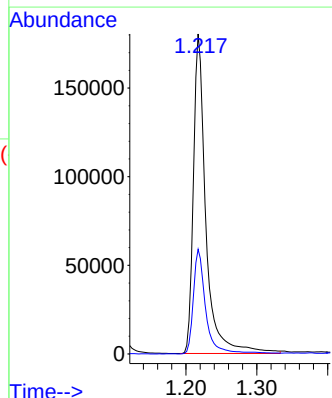
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

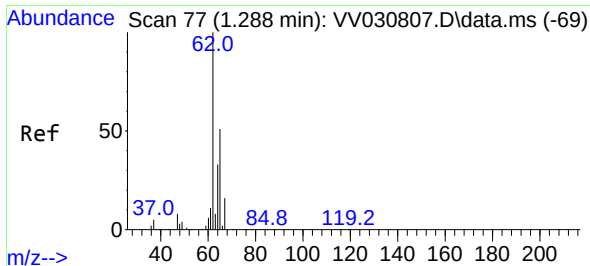
Tgt Ion: 85 Resp: 146036
Ion Ratio Lower Upper
85 100
87 31.8 25.6 38.4



#3
Chloromethane
Concen: 68.963 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 50 Resp: 221722
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

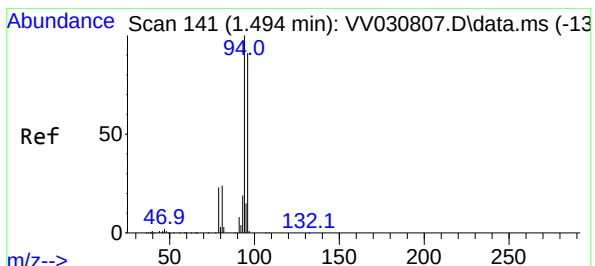
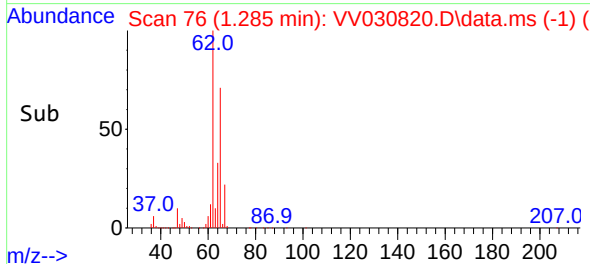
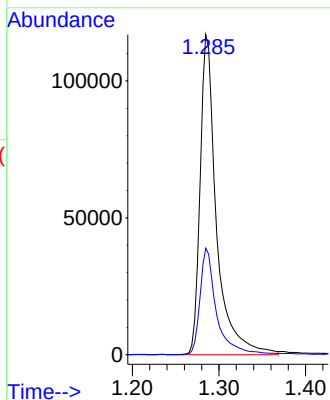
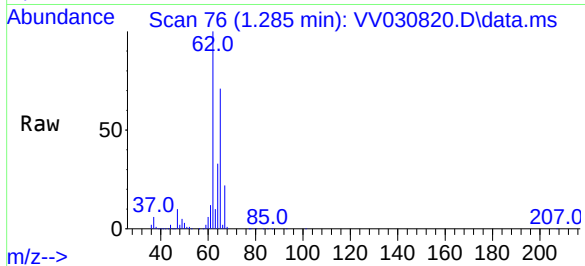




#5
 Vinyl chloride
 Concen: 59.260 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VV030820.D
 Acq: 25 Apr 2023 02:42

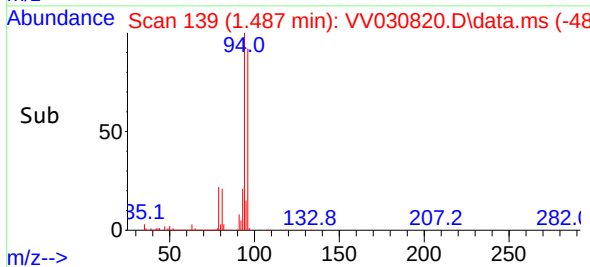
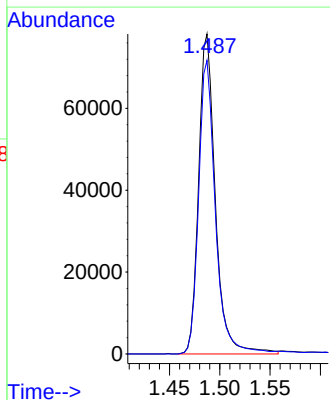
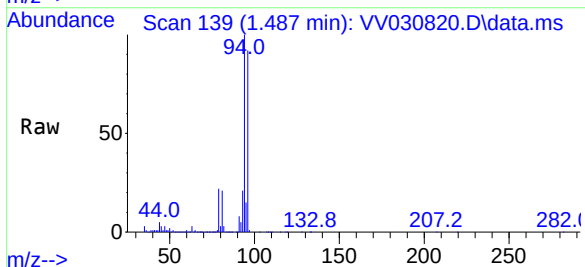
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

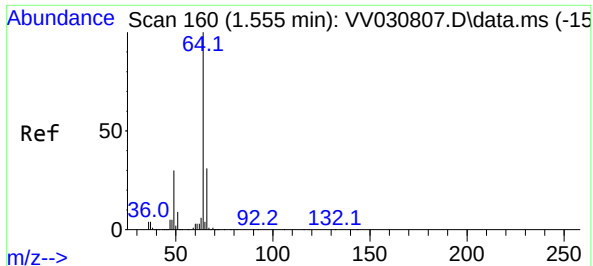
Tgt Ion: 62 Resp: 153607
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.4



#6
 Bromomethane
 Concen: 88.224 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.007 min
 Lab File: VV030820.D
 Acq: 25 Apr 2023 02:42

Tgt Ion: 94 Resp: 90680
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.3 123.1

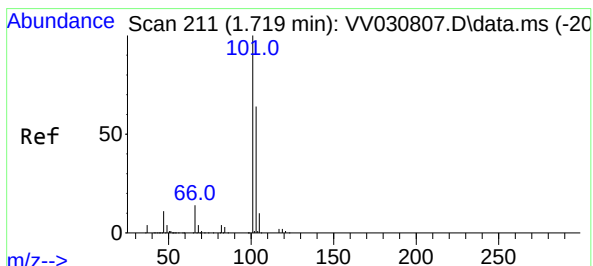
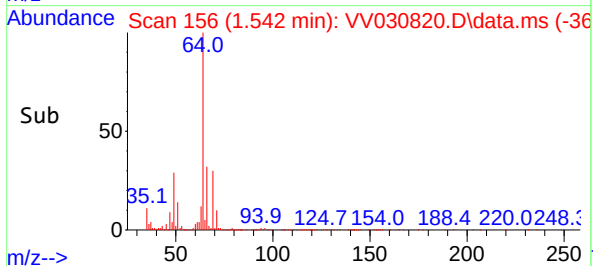
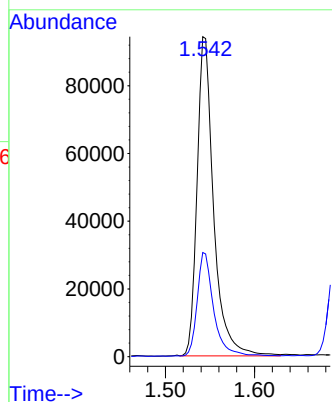
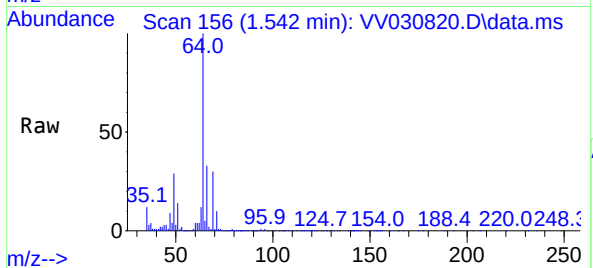




#8
Chloroethane
Concen: 68.502 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

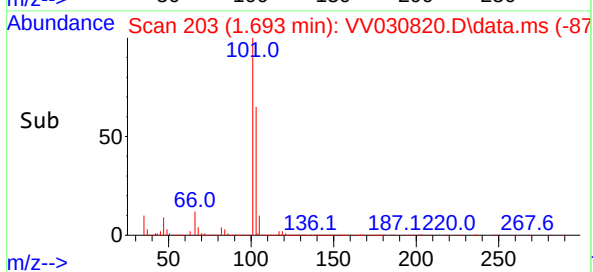
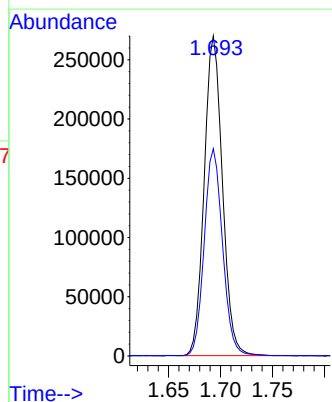
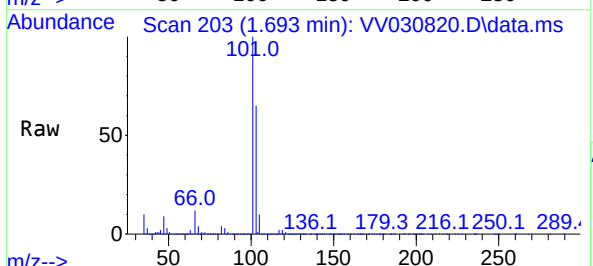
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

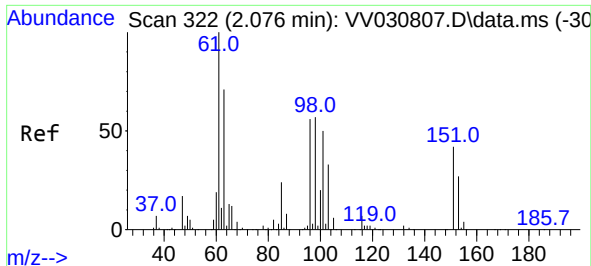
Tgt Ion: 64 Resp: 121788
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 78.441 ug/L
RT: 1.693 min Scan# 203
Delta R.T. -0.026 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:101 Resp: 329538
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

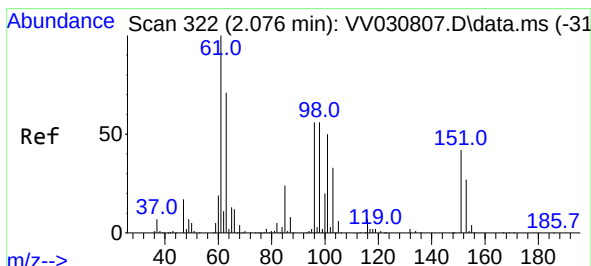
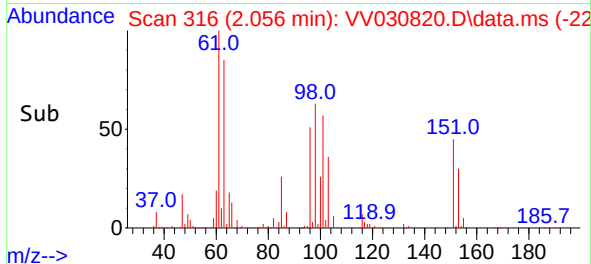
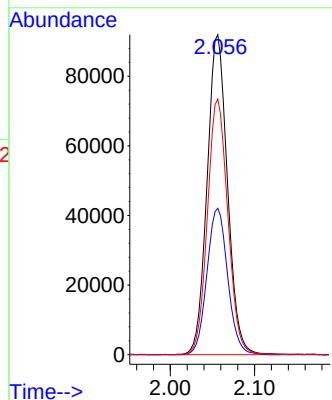
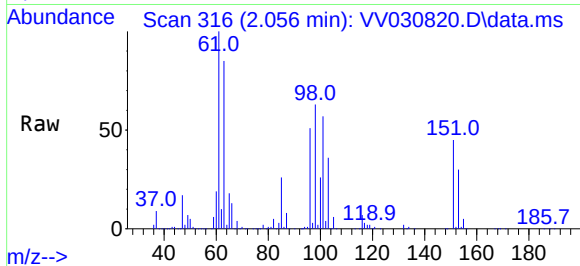




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 70.059 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.019 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

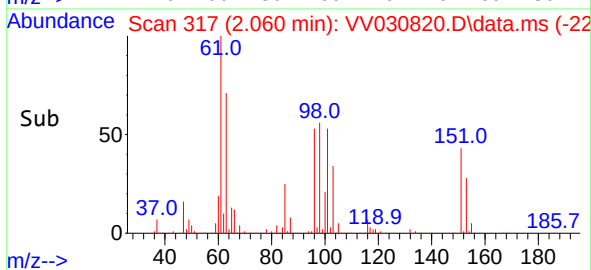
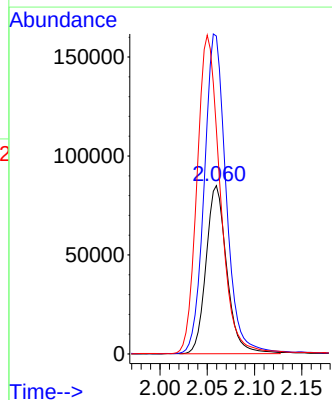
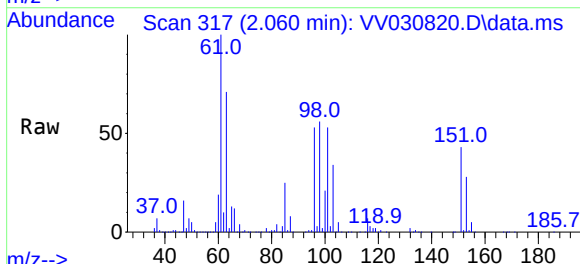
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

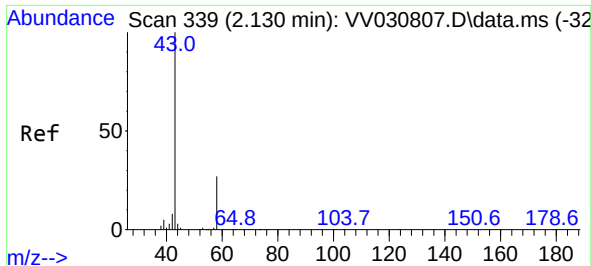
Tgt Ion:101 Resp: 154679
Ion Ratio Lower Upper
101 100
85 46.8 37.5 56.3
151 80.2 63.5 95.3



#12
1,1-Dichloroethene
Concen: 64.856 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.016 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 96 Resp: 129461
Ion Ratio Lower Upper
96 100
61 188.9 131.9 245.0
63 133.6 99.8 185.3

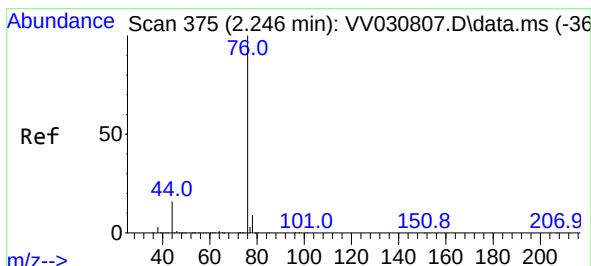
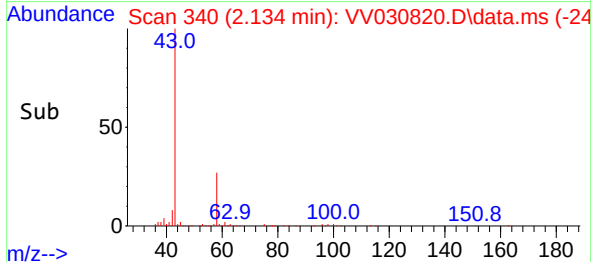
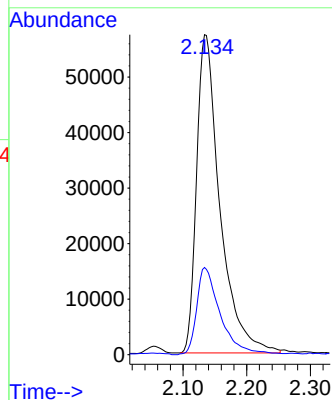
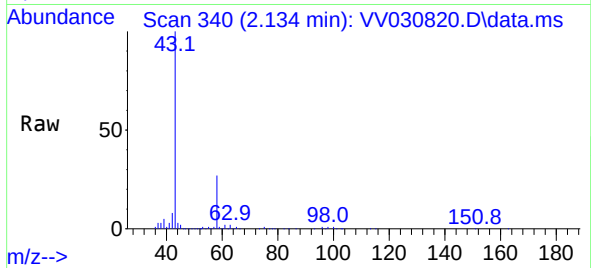




#13
Acetone
Concen: 82.275 ug/L
RT: 2.134 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

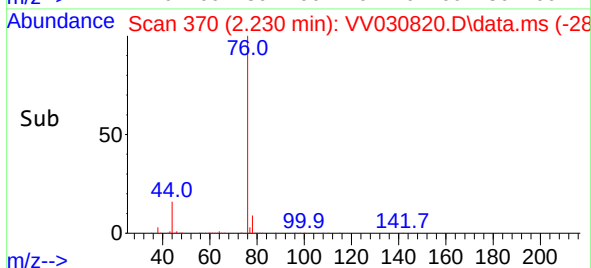
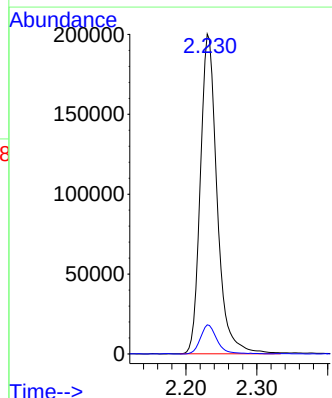
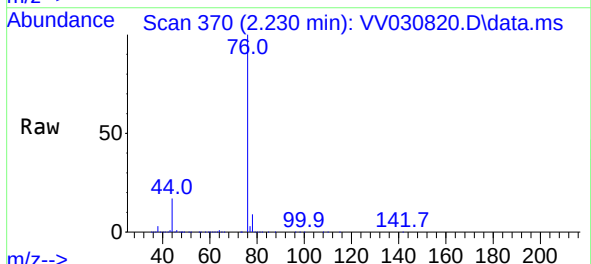
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

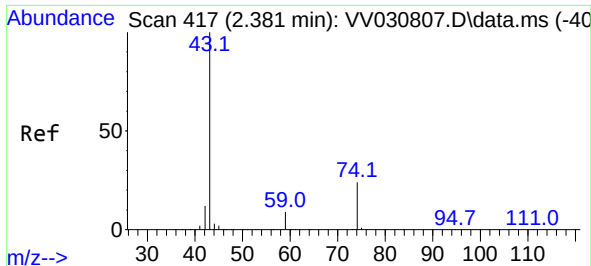
Tgt Ion: 43 Resp: 146135
Ion Ratio Lower Upper
43 100
58 27.6 0.0 52.8



#14
Carbon disulfide
Concen: 58.308 ug/L
RT: 2.230 min Scan# 370
Delta R.T. -0.016 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 76 Resp: 328746
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





#15

Methyl Acetate

Concen: 66.005 ug/L

RT: 2.381 min Scan# 417

Delta R.T. -0.000 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

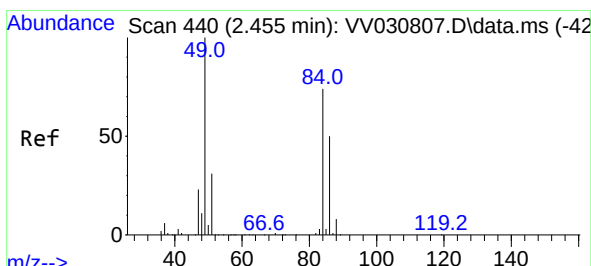
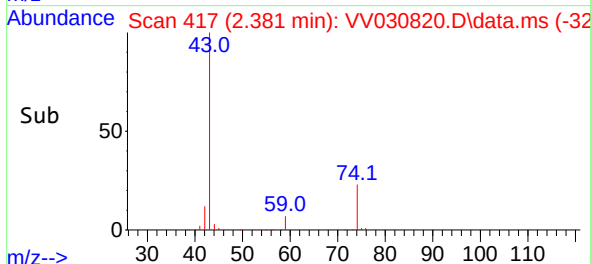
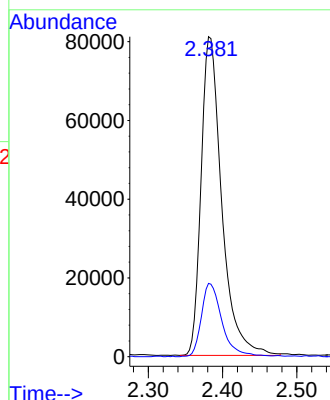
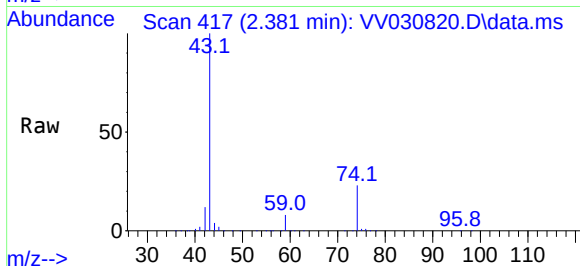
EW8Z5MS

Tgt Ion: 43 Resp: 156450

Ion Ratio Lower Upper

43 100

74 22.8 17.7 26.5



#16

Methylene chloride

Concen: 62.970 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.007 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

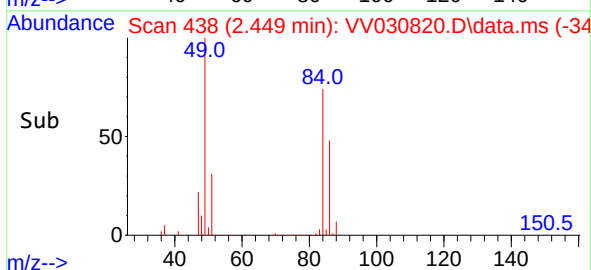
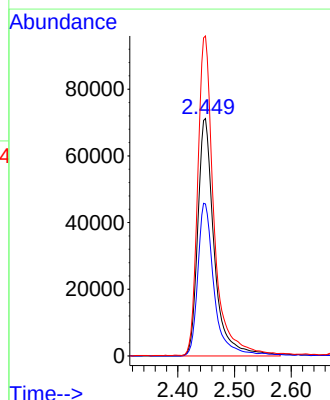
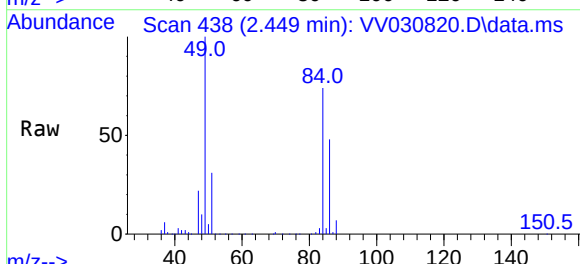
Tgt Ion: 84 Resp: 143840

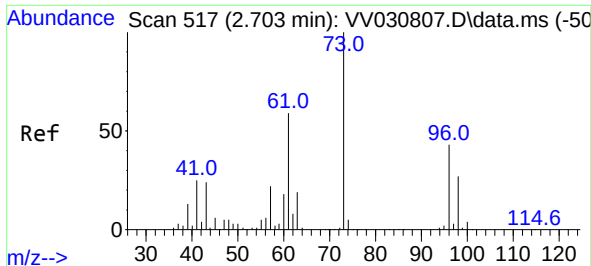
Ion Ratio Lower Upper

84 100

86 64.0 45.4 84.2

49 134.8 90.4 168.0





#17

trans-1,2-Dichloroethene

Concen: 67.178 ug/L

RT: 2.690 min Scan# 51

Delta R.T. -0.010 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

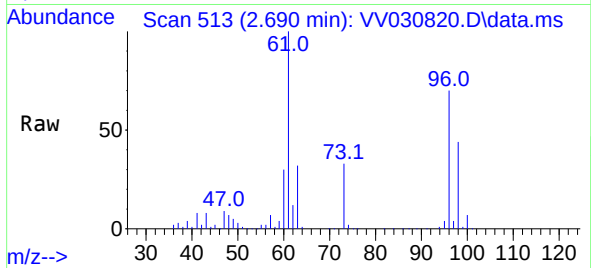
Tgt Ion: 96 Resp: 135371

Ion Ratio Lower Upper

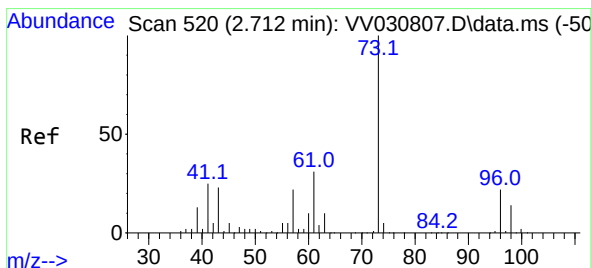
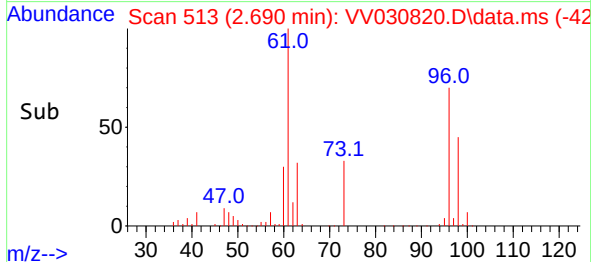
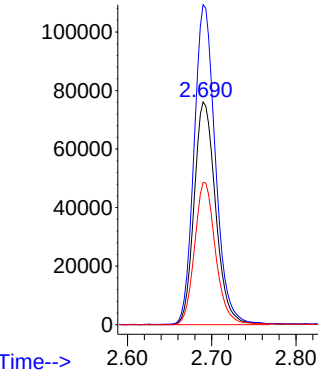
96 100

61 143.6 101.0 187.6

98 63.9 45.4 84.2



Abundance



#18

Methyl tert-butyl Ether

Concen: 78.320 ug/L

RT: 2.716 min Scan# 521

Delta R.T. 0.003 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

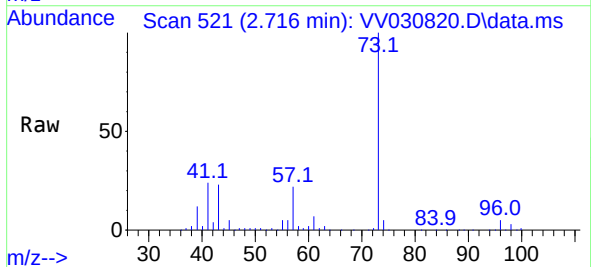
Tgt Ion: 73 Resp: 505517

Ion Ratio Lower Upper

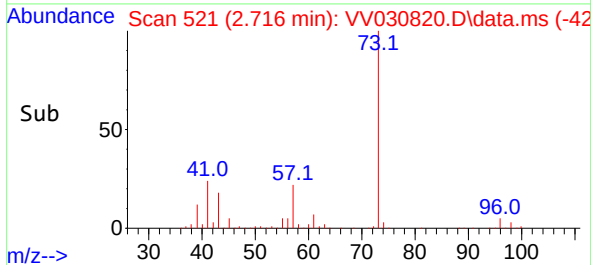
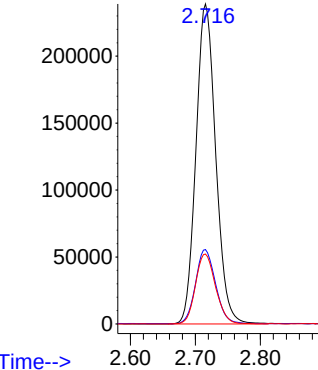
73 100

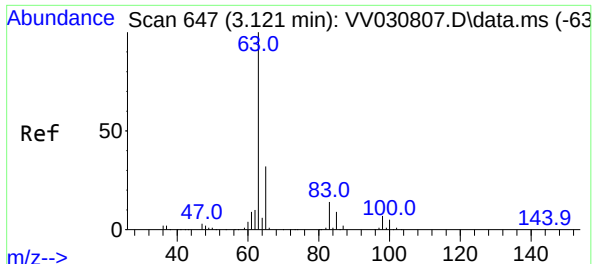
43 23.4 17.6 26.4

57 22.2 18.2 27.2



Abundance

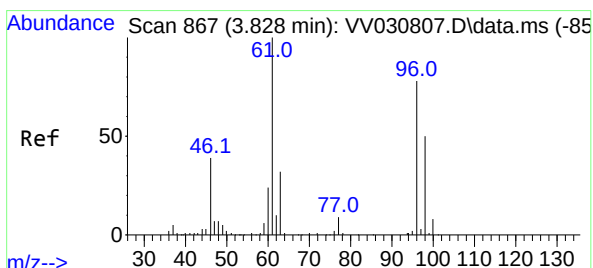
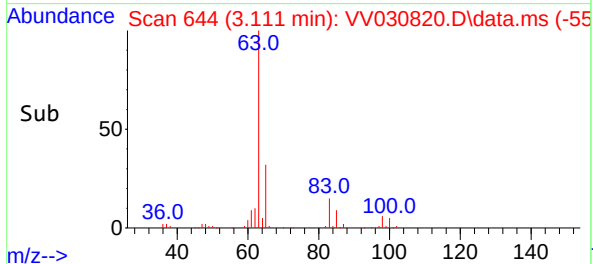
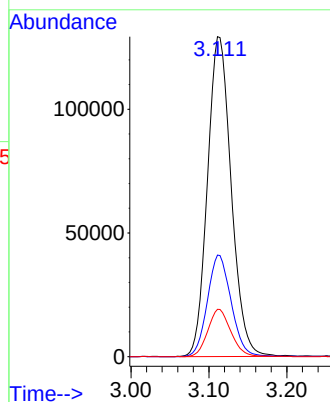
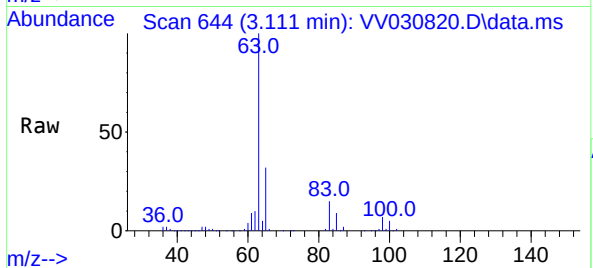




#19
1,1-Dichloroethane
Concen: 66.653 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.010 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

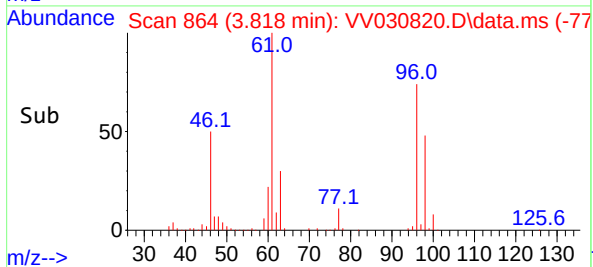
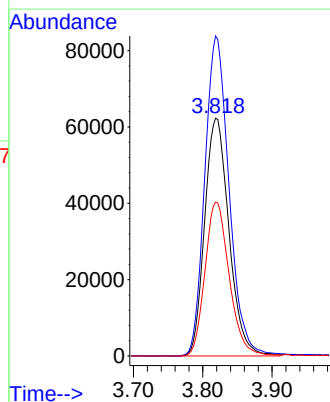
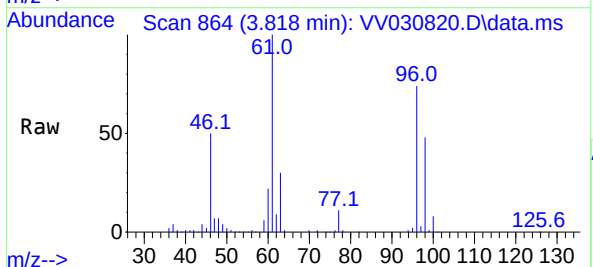
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

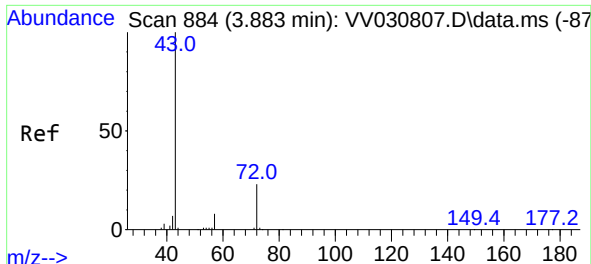
Tgt Ion: 63 Resp: 273846
Ion Ratio Lower Upper
63 100
65 31.8 21.8 40.6
83 14.8 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 69.362 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.007 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 96 Resp: 152045
Ion Ratio Lower Upper
96 100
61 134.6 92.3 171.3
98 64.7 45.9 85.3

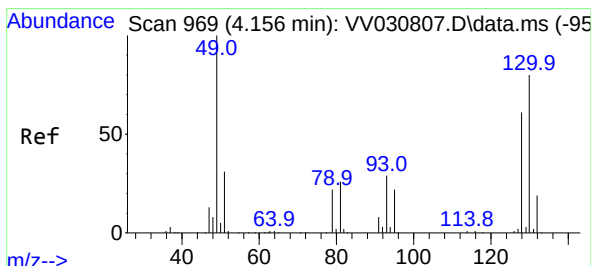
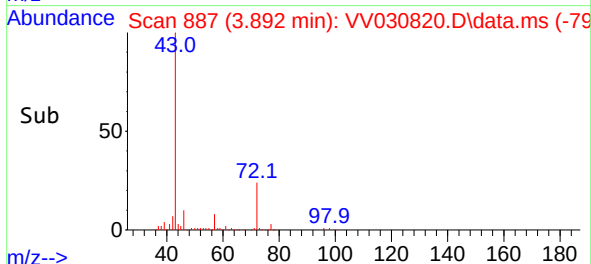
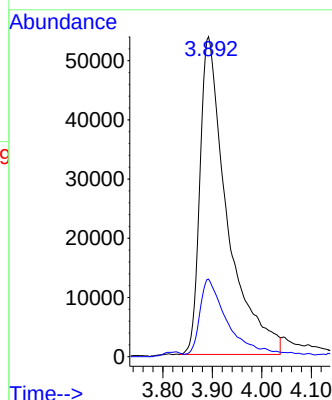
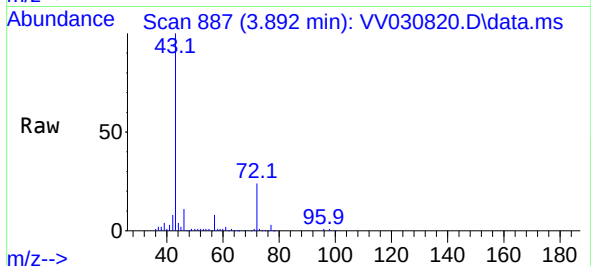




#22
2-Butanone
Concen: 111.666 ug/L
RT: 3.892 min Scan# 884
Delta R.T. 0.009 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

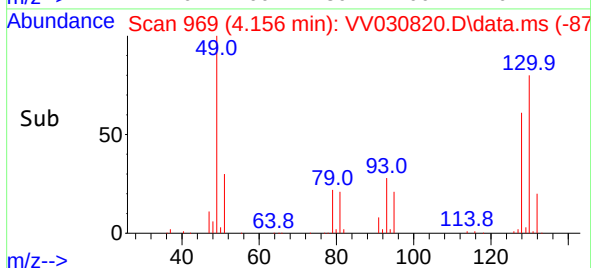
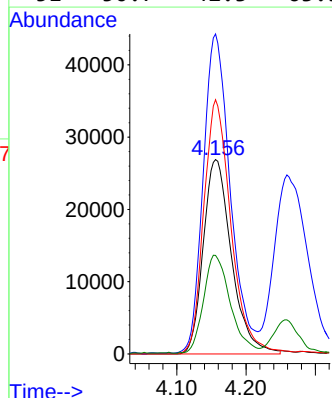
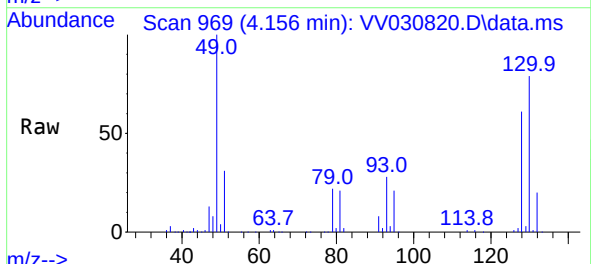
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

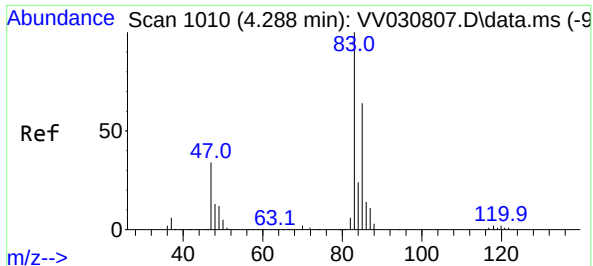
Tgt Ion: 43 Resp: 204965
Ion Ratio Lower Upper
43 100
72 22.3 11.5 34.4



#23
Bromochloromethane
Concen: 62.127 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 128 Resp: 76062
Ion Ratio Lower Upper
128 100
49 164.5 114.7 213.1
130 130.7 89.0 165.2
51 50.7 42.3 63.5





#25

Chloroform

Concen: 68.931 ug/L

RT: 4.285 min Scan# 1010

Delta R.T. -0.000 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

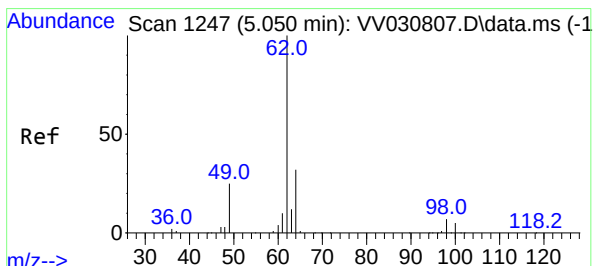
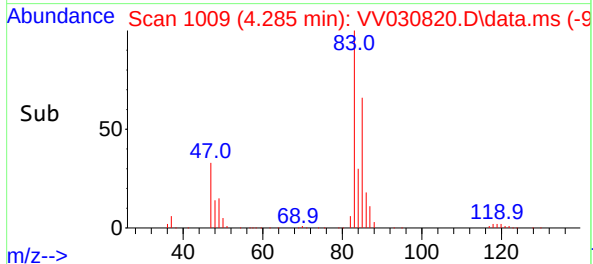
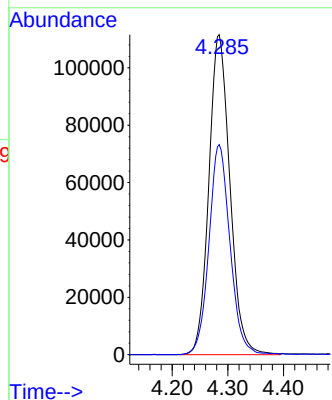
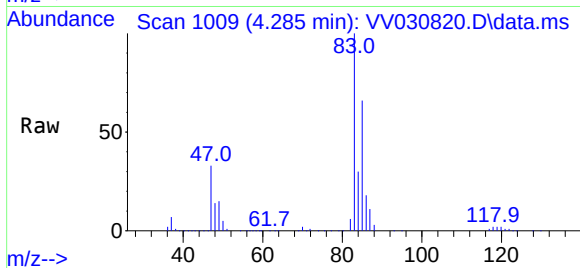
EW8Z5MS

Tgt Ion: 83 Resp: 293124

Ion Ratio Lower Upper

83 100

85 65.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 71.307 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV030820.D

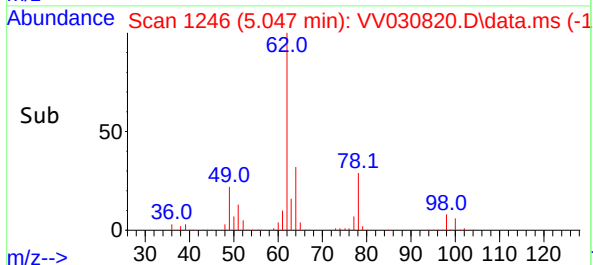
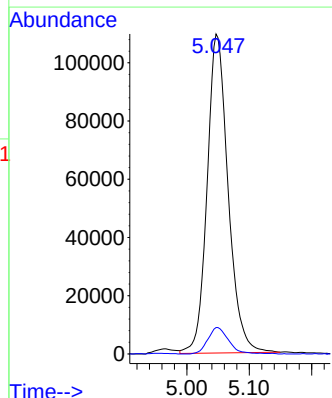
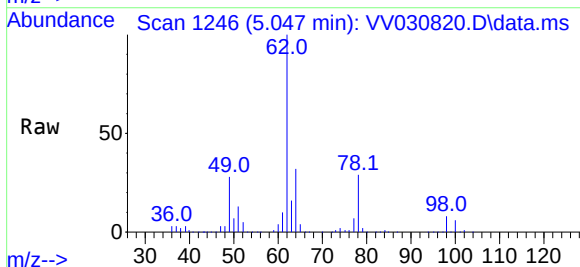
Acq: 25 Apr 2023 02:42

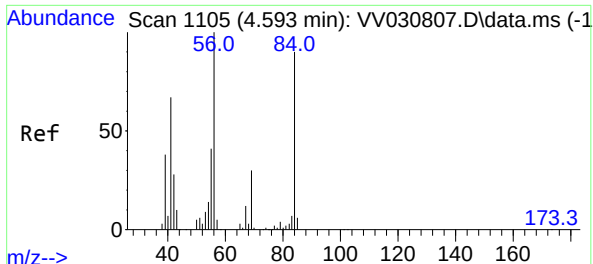
Tgt Ion: 62 Resp: 256684

Ion Ratio Lower Upper

62 100

98 8.3 6.4 9.6





#29

Cyclohexane

Concen: 72.376 ug/L

RT: 4.584 min Scan# 1105

Delta R.T. -0.010 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

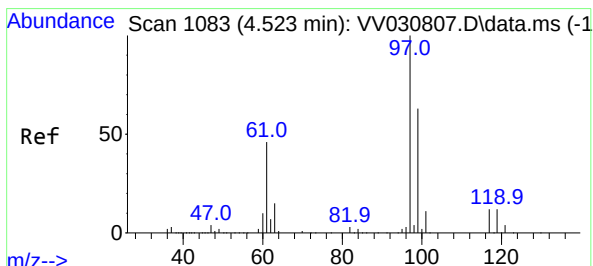
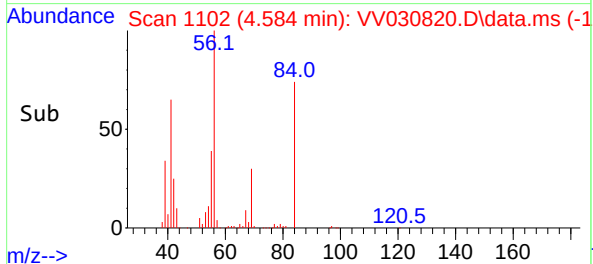
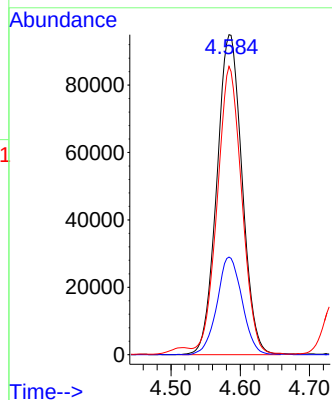
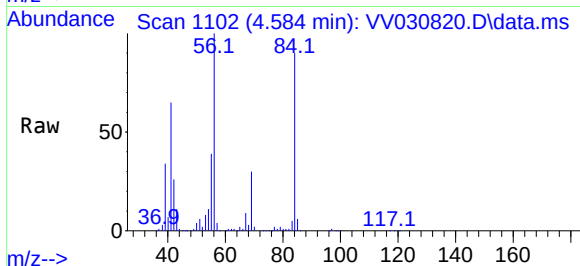
Tgt Ion: 56 Resp: 240803

Ion Ratio Lower Upper

56 100

69 30.2 24.0 36.0

84 86.5 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 71.211 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.007 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

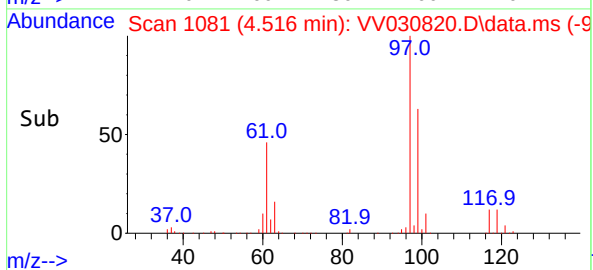
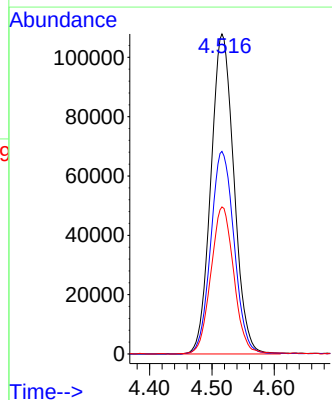
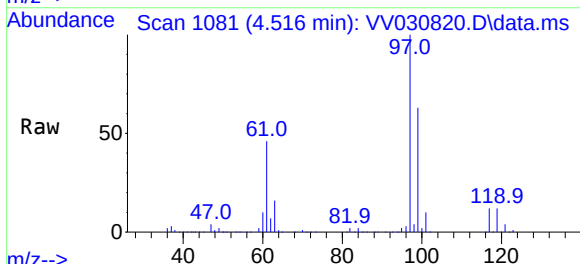
Tgt Ion: 97 Resp: 277421

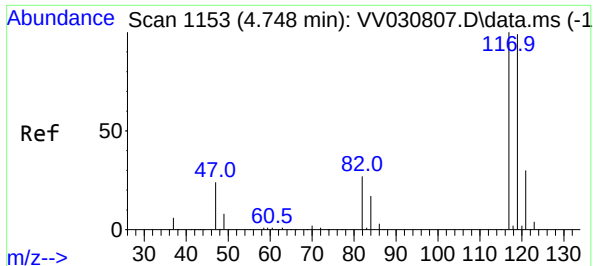
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 45.4 37.0 55.6

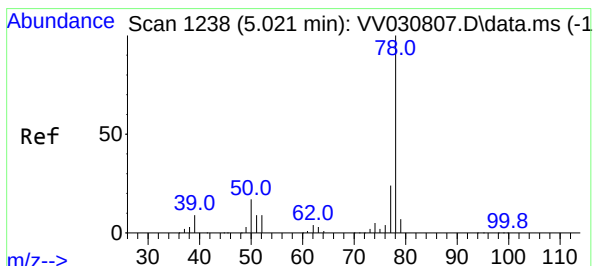
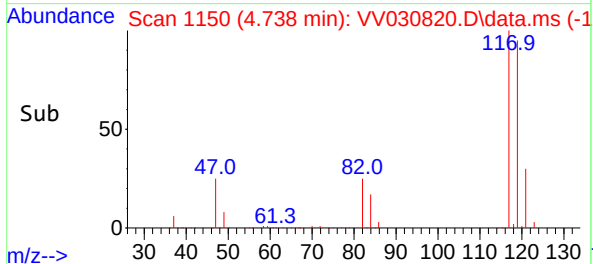
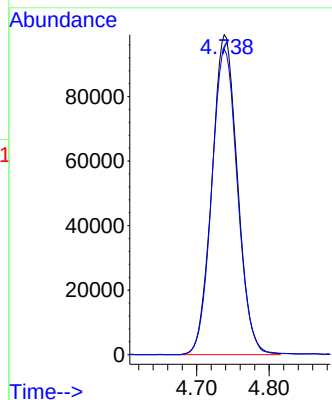
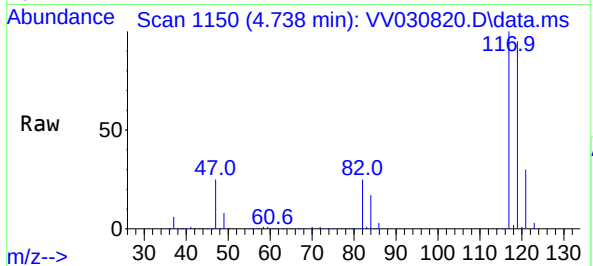




#31
Carbon tetrachloride
Concen: 69.803 ug/L
RT: 4.738 min Scan# 1153
Delta R.T. -0.007 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

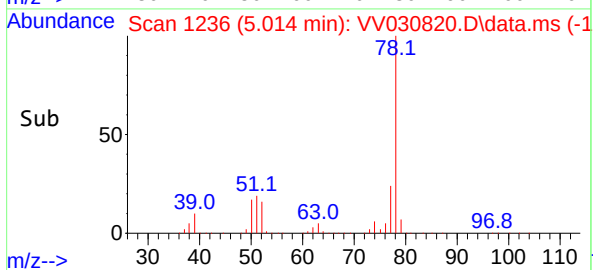
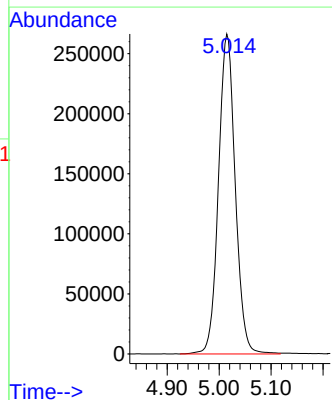
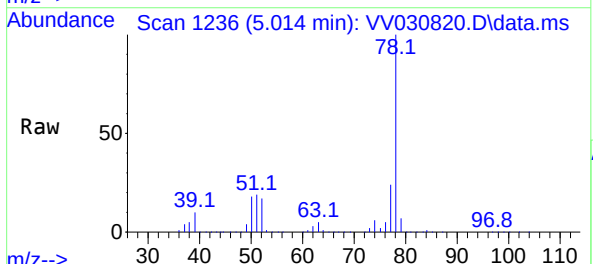
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

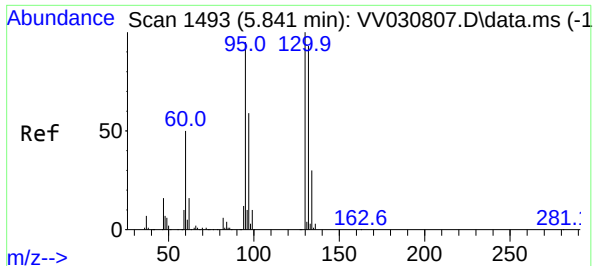
Tgt Ion:117 Resp: 243128
Ion Ratio Lower Upper
117 100
119 96.3 75.9 113.9



#33
Benzene
Concen: 70.947 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 78 Resp: 597311



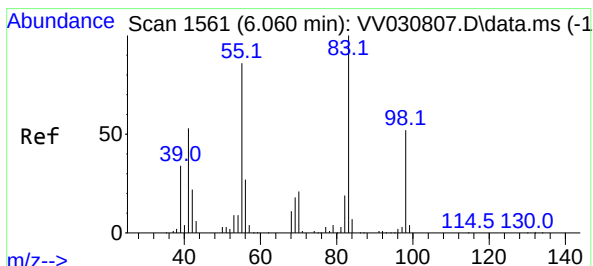
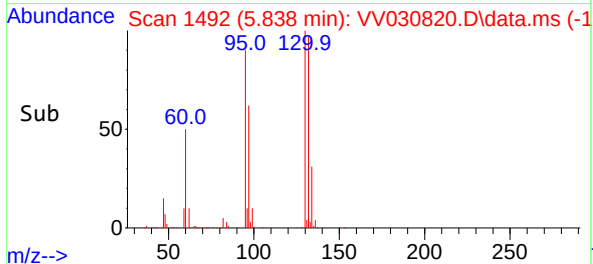
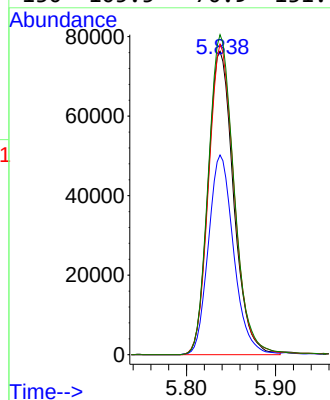
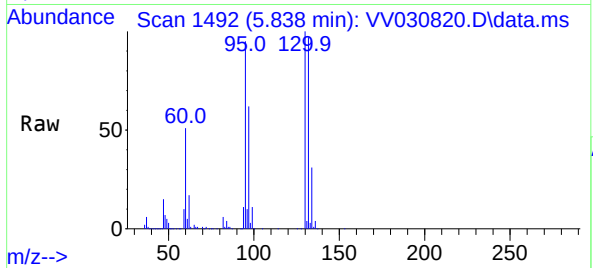


#34
Trichloroethene
Concen: 69.321 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion: 95 Resp: 151807

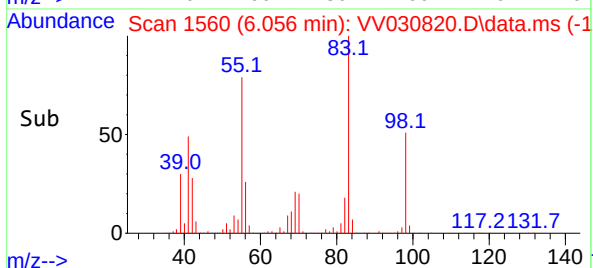
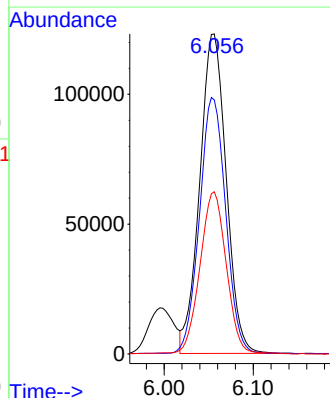
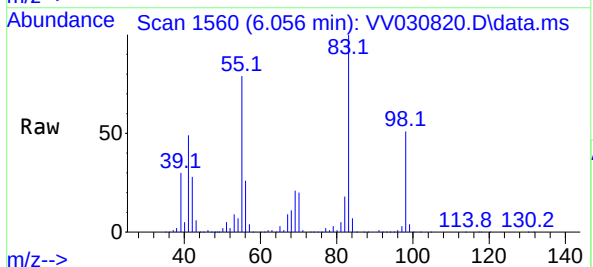
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.8	85.2
132	102.4	70.6	131.2
130	105.5	70.9	131.7

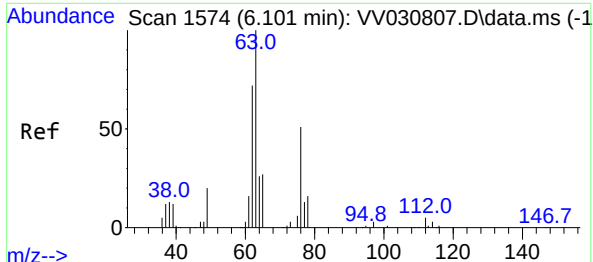


#35
Methylcyclohexane
Concen: 74.002 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 83 Resp: 253931

Ion	Ratio	Lower	Upper
83	100		
55	79.4	65.5	98.3
98	49.4	38.7	58.1

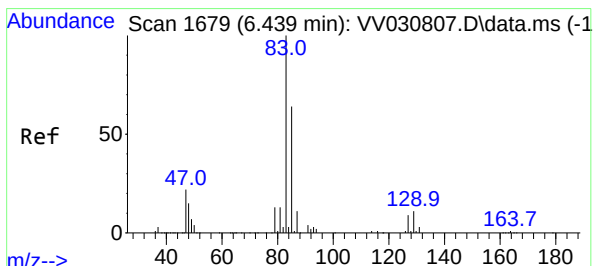
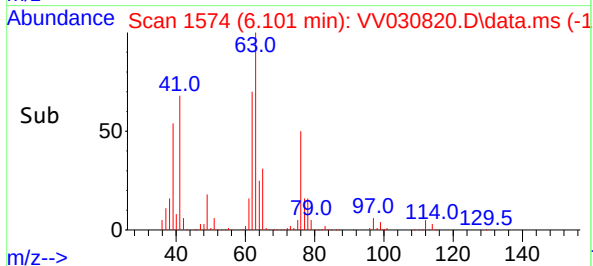
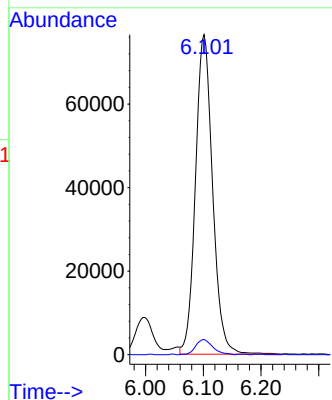
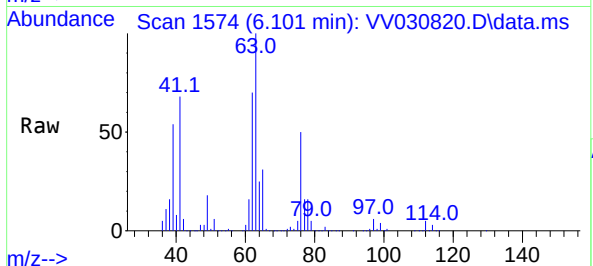




#37
1,2-Dichloropropane
Concen: 69.504 ug/L
RT: 6.101 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

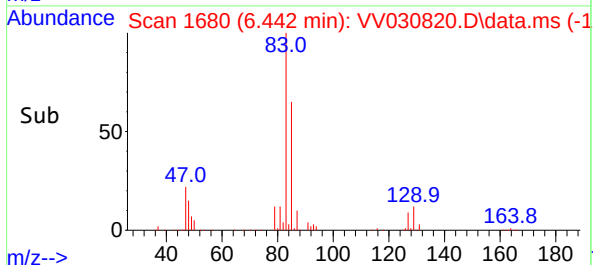
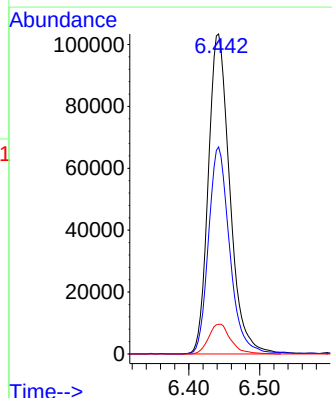
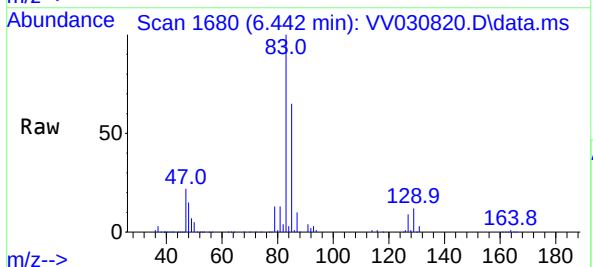
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

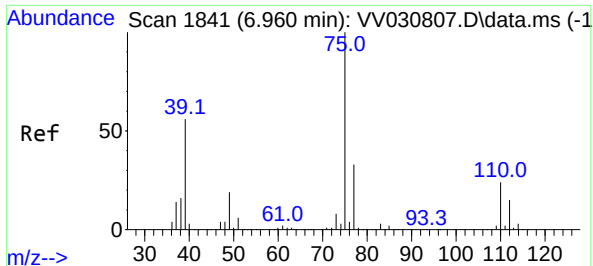
Tgt Ion: 63 Resp: 157499
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8



#38
Bromodichloromethane
Concen: 68.519 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 83 Resp: 218113
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.4
127 9.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 73.854 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

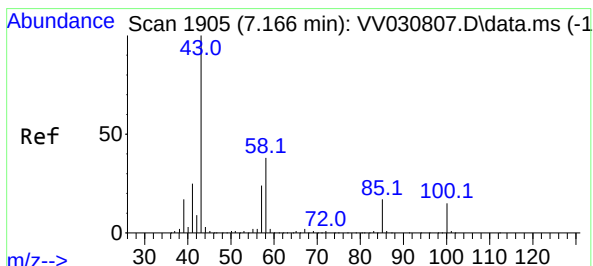
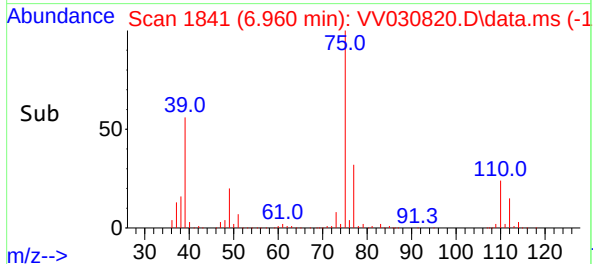
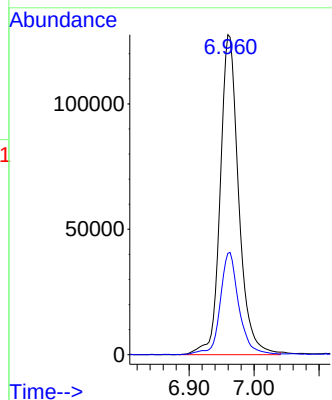
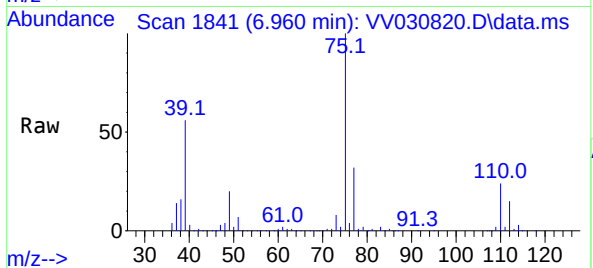
EW8Z5MS

Tgt Ion: 75 Resp: 251183

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 96.832 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

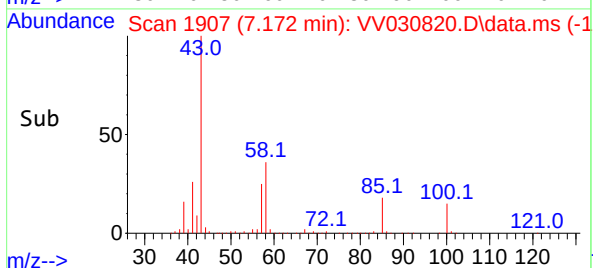
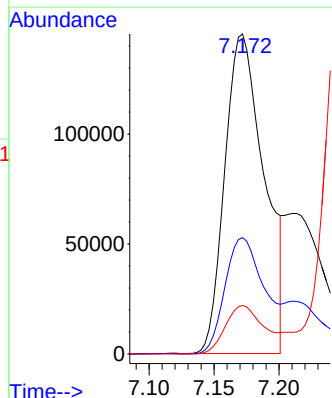
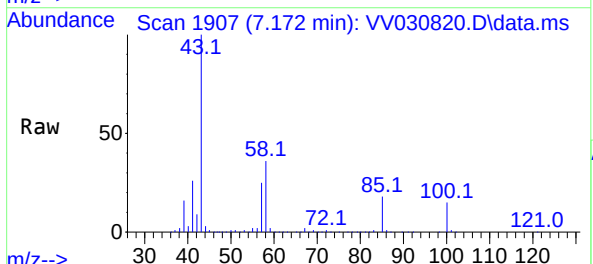
Tgt Ion: 43 Resp: 306515

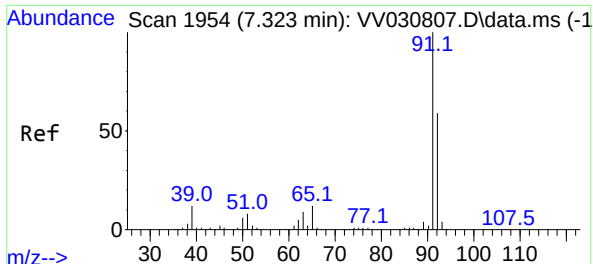
Ion Ratio Lower Upper

43 100

58 36.7 29.2 43.8

100 14.5 11.3 16.9

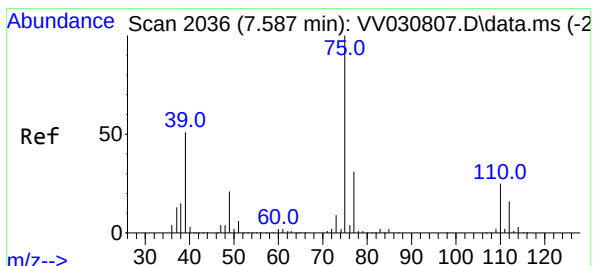
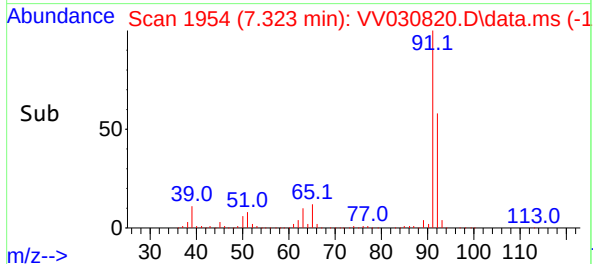
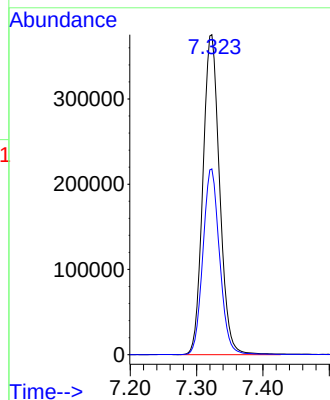
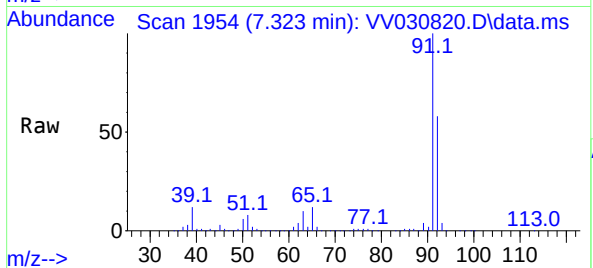




#42
Toluene
Concen: 72.915 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

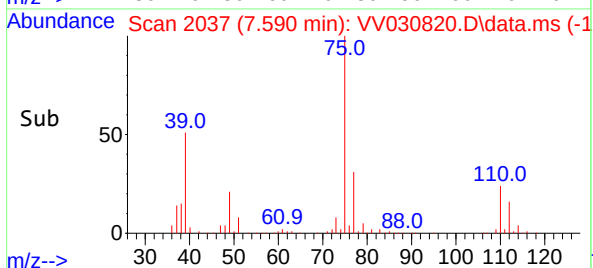
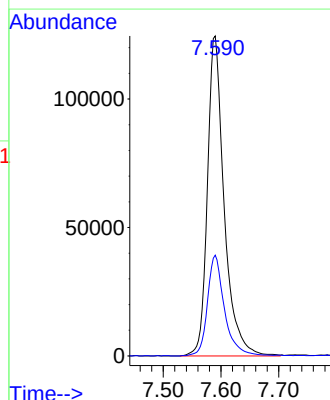
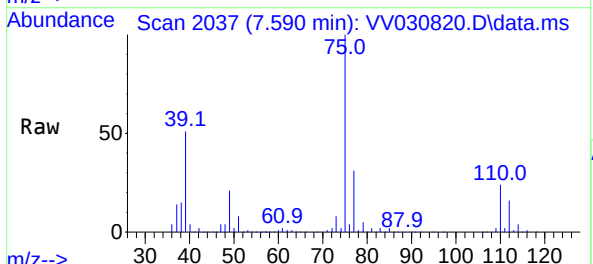
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

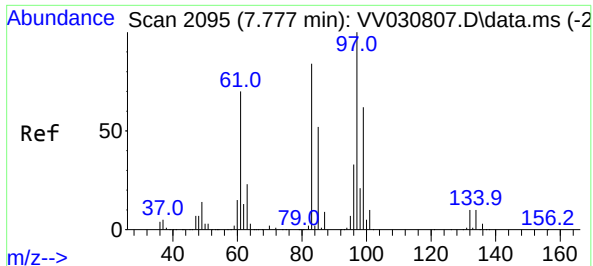
Tgt Ion: 91 Resp: 657529
Ion Ratio Lower Upper
91 100
92 58.1 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 75.169 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 75 Resp: 251173
Ion Ratio Lower Upper
75 100
77 31.5 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 69.704 ug/L

RT: 7.780 min Scan# 2095

Delta R.T. 0.003 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

Tgt Ion: 97 Resp: 158387

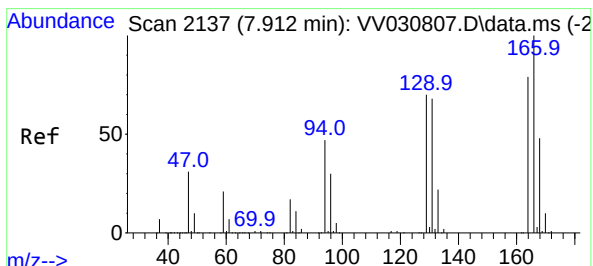
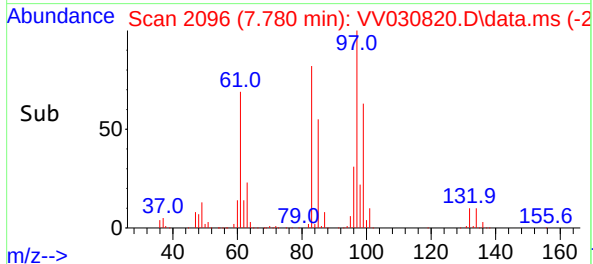
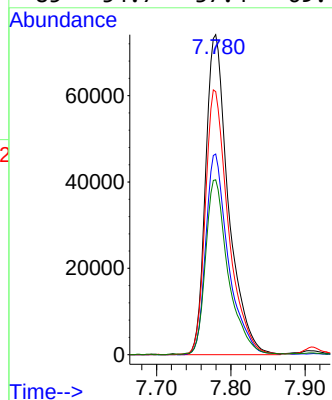
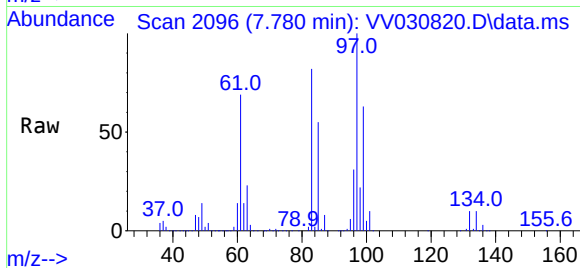
Ion Ratio Lower Upper

97 100

99 62.7 43.8 81.4

83 82.2 59.6 110.6

85 54.7 37.4 69.4



#46

Tetrachloroethene

Concen: 71.494 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Tgt Ion:164 Resp: 137043

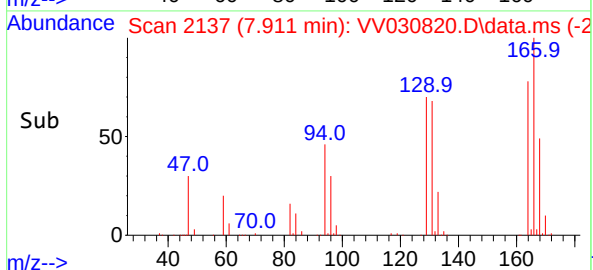
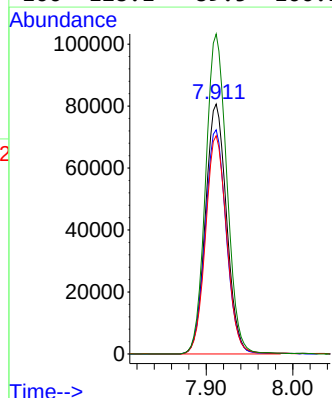
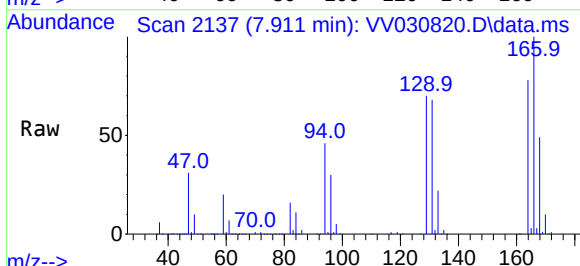
Ion Ratio Lower Upper

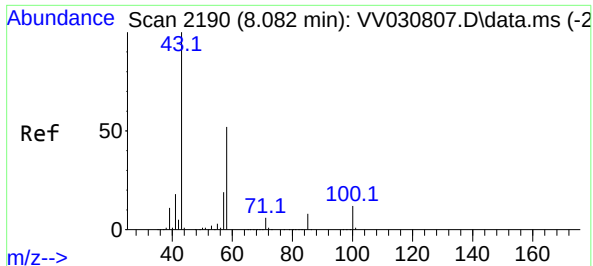
164 100

129 89.7 63.8 118.6

131 87.3 60.3 111.9

166 128.1 89.5 166.1

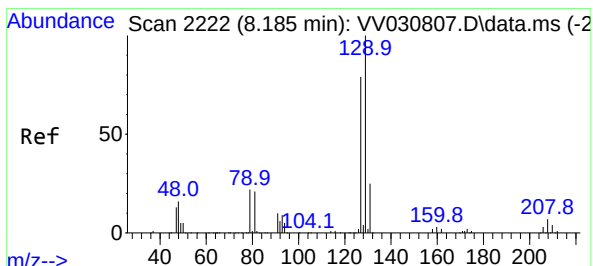
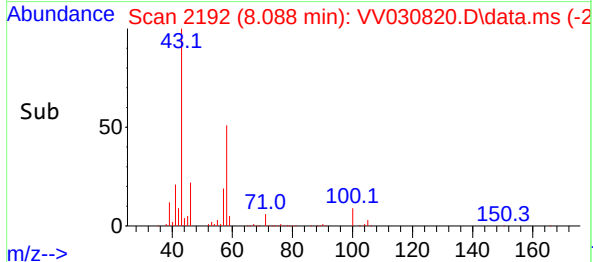
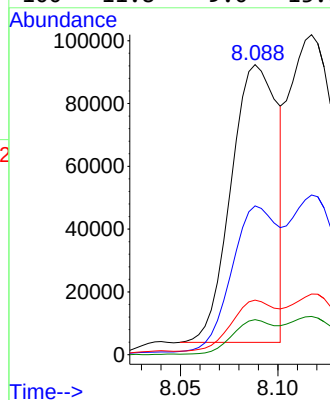
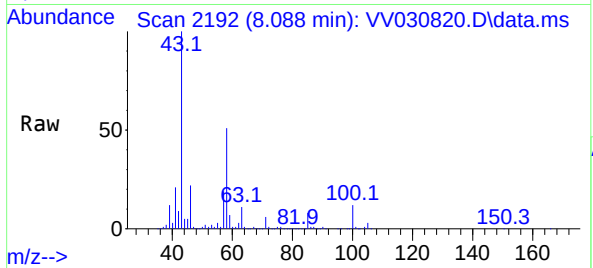




#48
2-Hexanone
Concen: 55.959 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

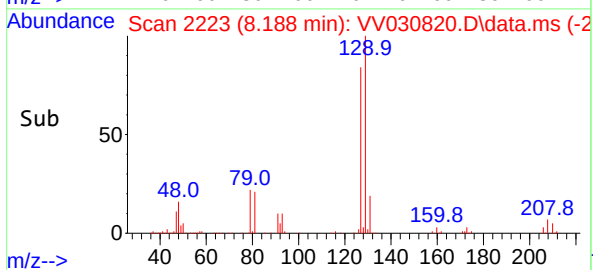
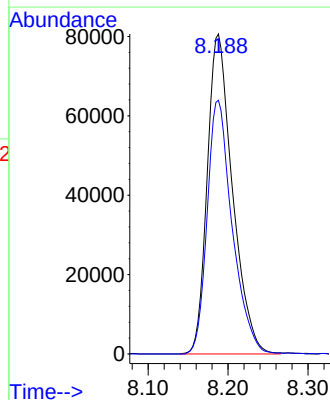
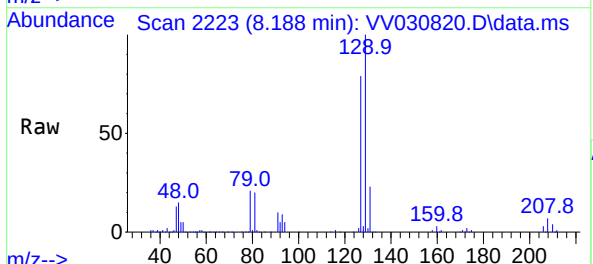
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

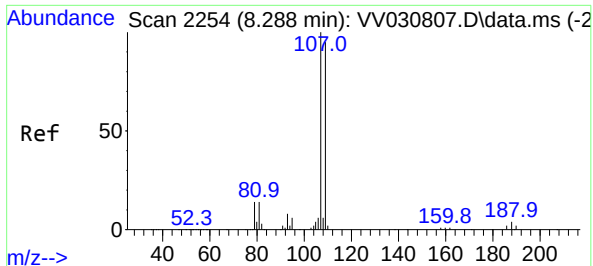
Tgt Ion: 43 Resp: 146157
Ion Ratio Lower Upper
43 100
58 52.0 41.4 62.0
57 17.9 14.9 22.3
100 11.8 9.0 13.6



#49
Dibromochloromethane
Concen: 70.579 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 129 Resp: 176898
Ion Ratio Lower Upper
129 100
127 79.3 52.8 98.2

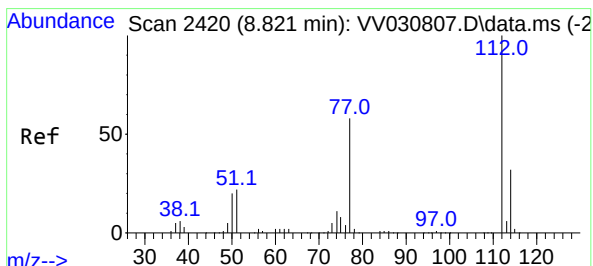
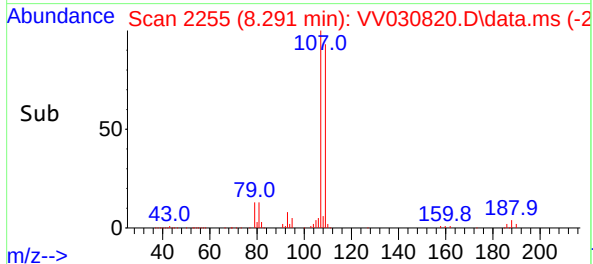
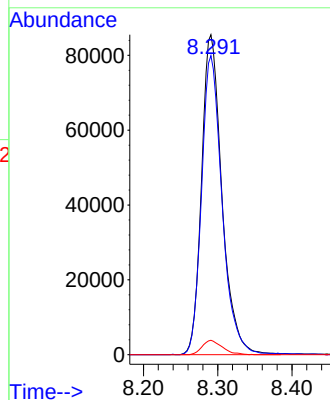
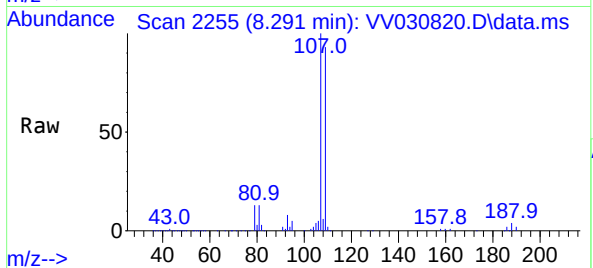




#50
1,2-Dibromoethane
Concen: 69.315 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

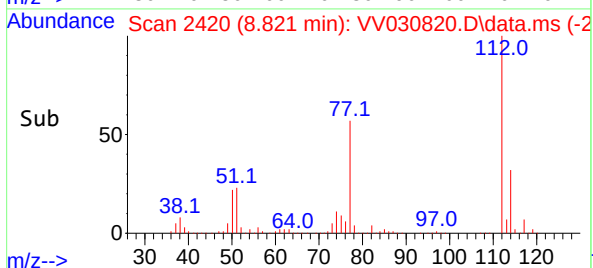
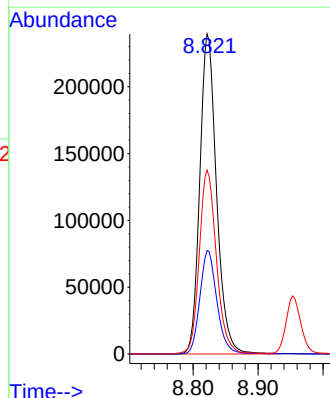
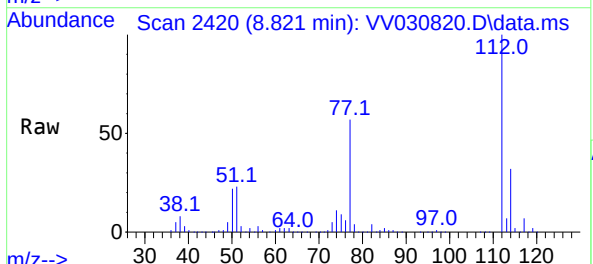
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

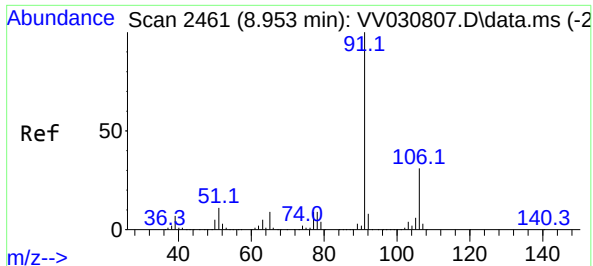
Tgt Ion:107 Resp: 163195
Ion Ratio Lower Upper
107 100
109 93.5 65.7 121.9
188 4.5 3.2 4.8



#51
Chlorobenzene
Concen: 72.044 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:112 Resp: 430267
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 57.4 47.4 71.0

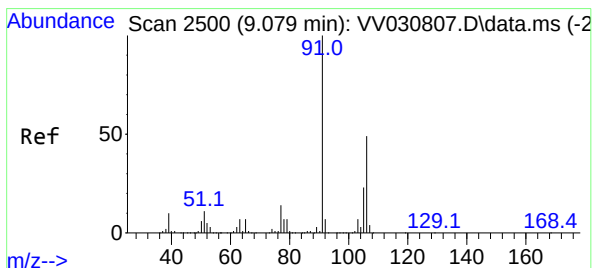
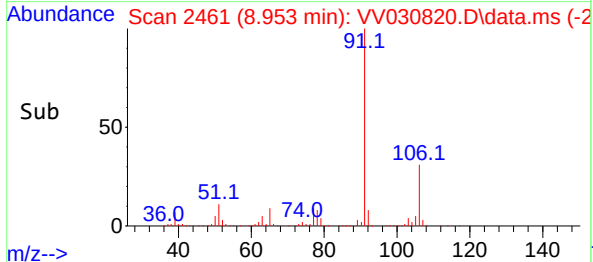
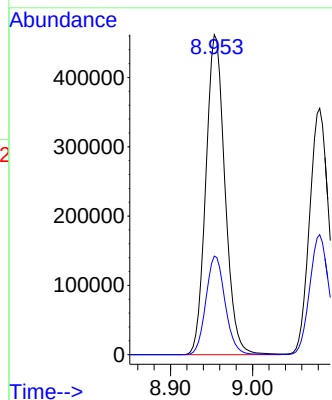
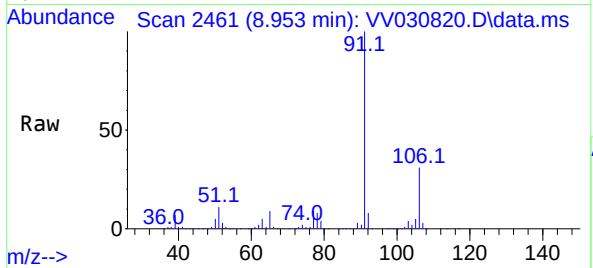




#52
Ethylbenzene
Concen: 74.961 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

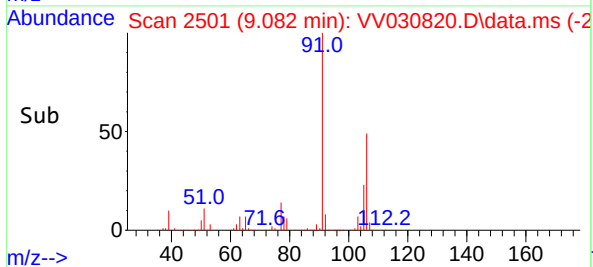
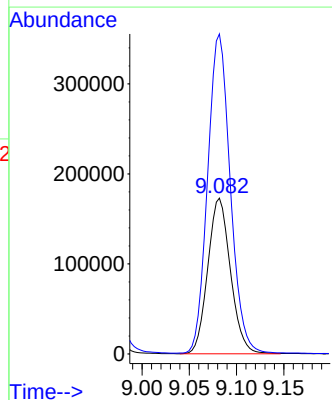
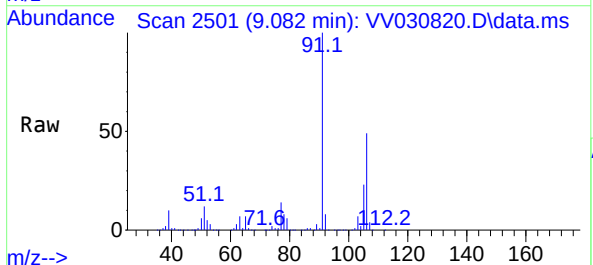
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

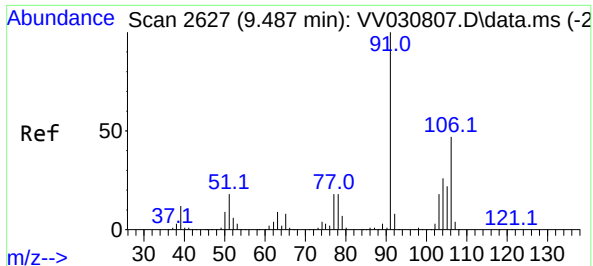
Tgt Ion: 91 Resp: 748345
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4



#53
m,p-Xylene
Concen: 76.598 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 106 Resp: 288844
Ion Ratio Lower Upper
106 100
91 205.3 144.7 268.7

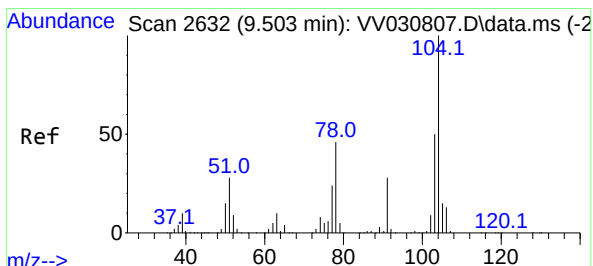
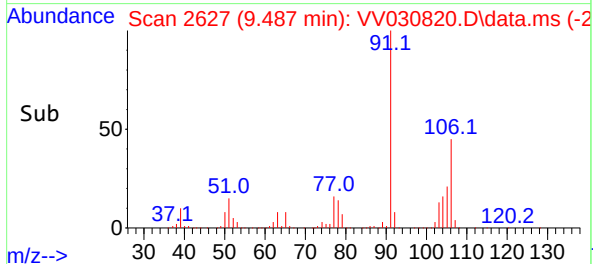
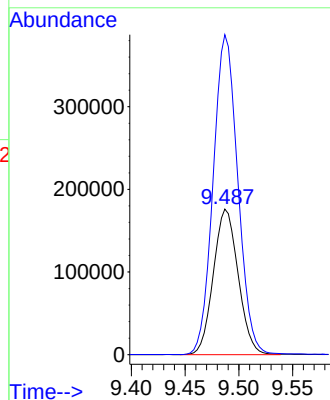
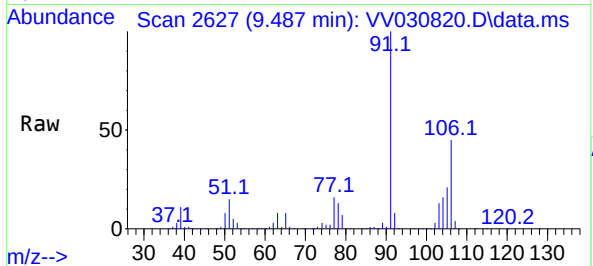




#54
o-Xylene
Concen: 76.682 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

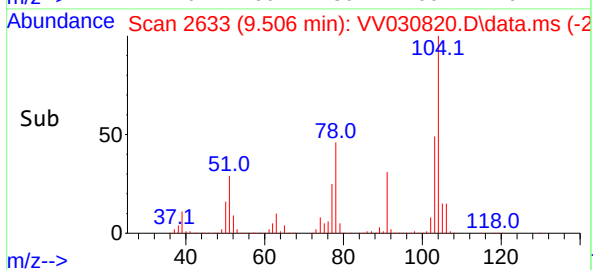
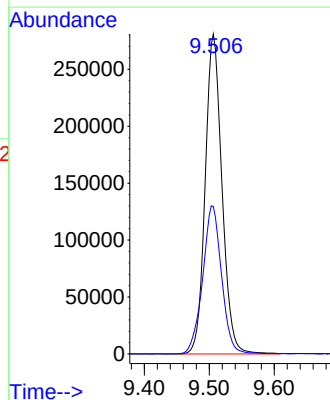
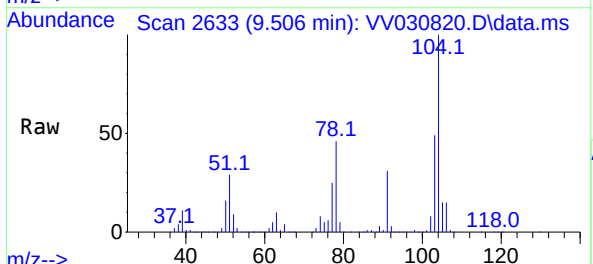
Instrument : MSVOA_V
ClientSampleId : EW8Z5MS

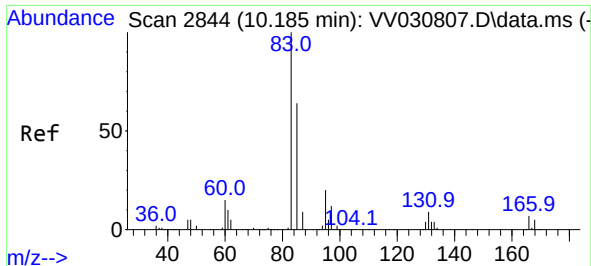
Tgt Ion:106 Resp: 282883
Ion Ratio Lower Upper
106 100
91 219.8 152.6 283.4



#55
Styrene
Concen: 78.028 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:104 Resp: 505627
Ion Ratio Lower Upper
104 100
78 46.1 32.3 59.9

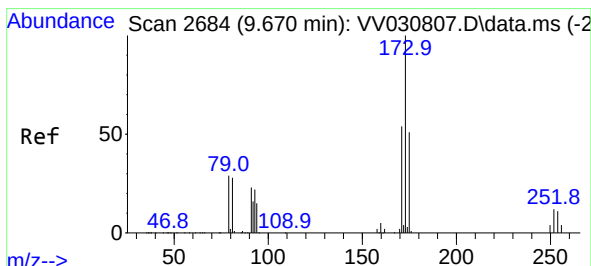
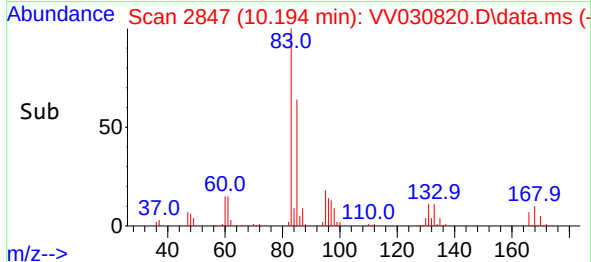
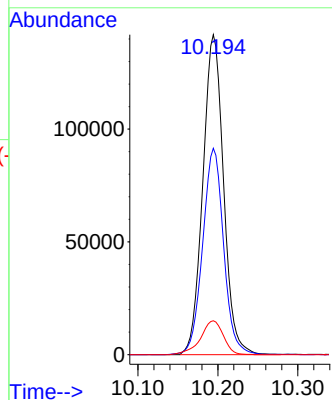
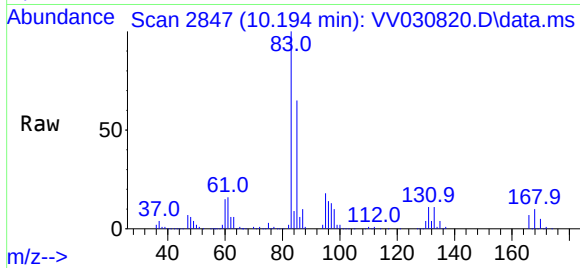




#57
1,1,2,2-Tetrachloroethane
Concen: 68.702 ug/L
RT: 10.194 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

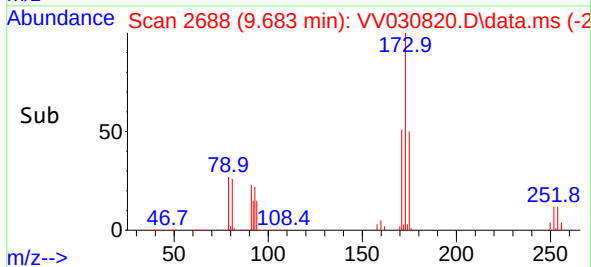
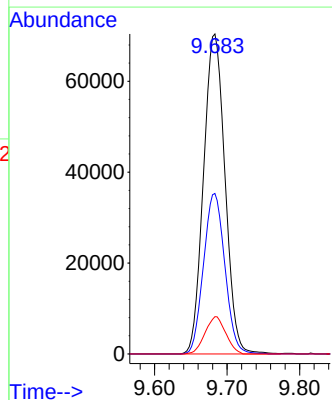
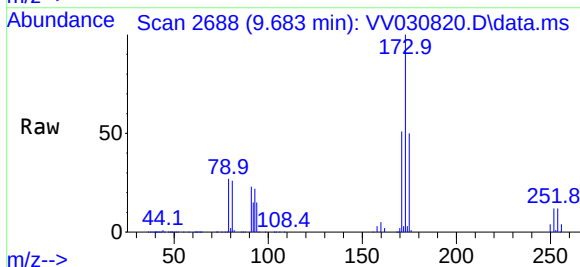
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

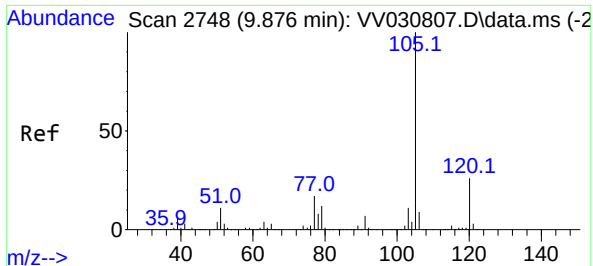
Tgt Ion: 83 Resp: 256306
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7
131 10.6 8.0 12.0



#59
Bromoform
Concen: 67.898 ug/L
RT: 9.683 min Scan# 2688
Delta R.T. 0.013 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 173 Resp: 145057
Ion Ratio Lower Upper
173 100
175 49.7 38.8 58.2
254 11.2 8.2 12.4



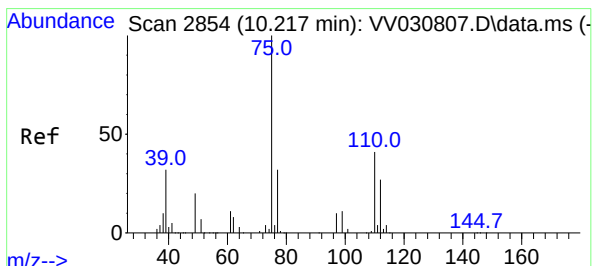
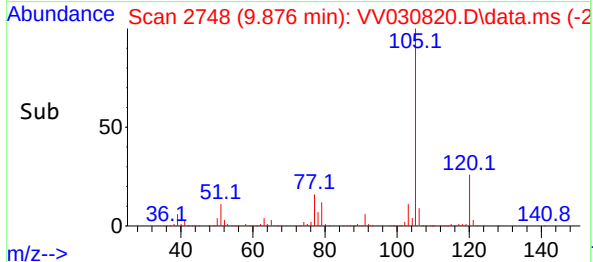
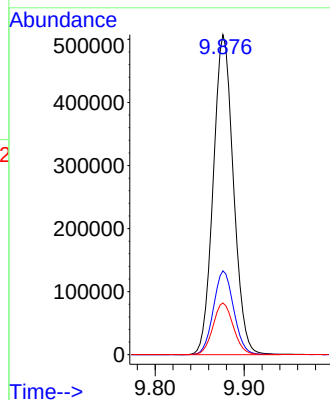
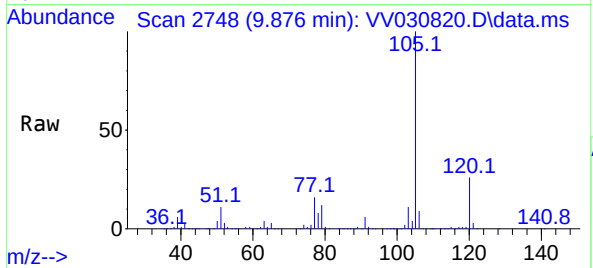


#60
Isopropylbenzene
Concen: 74.923 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion:105 Resp: 797332

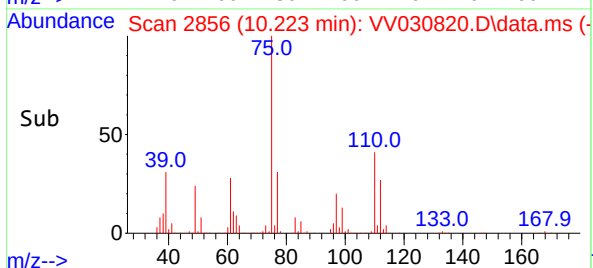
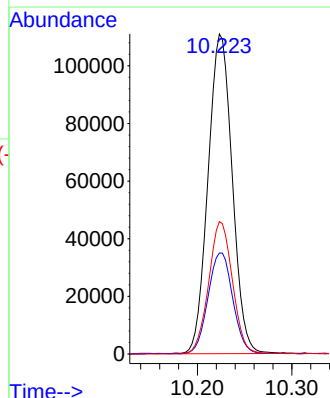
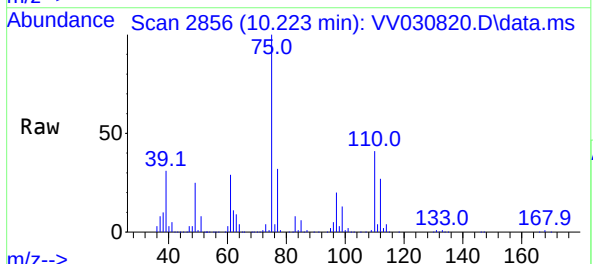
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.9	31.3
77	16.3	13.0	19.6

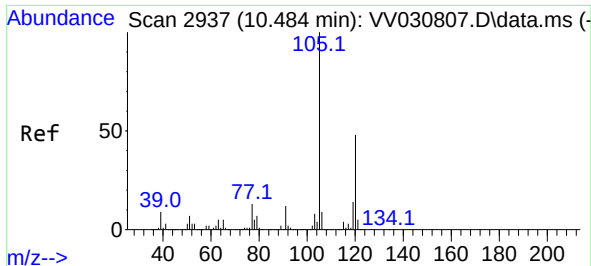


#61
1,2,3-Trichloropropane
Concen: 64.419 ug/L
RT: 10.223 min Scan# 2856
Delta R.T. 0.006 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 75 Resp: 196881

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.7	38.5
110	40.7	32.8	49.2

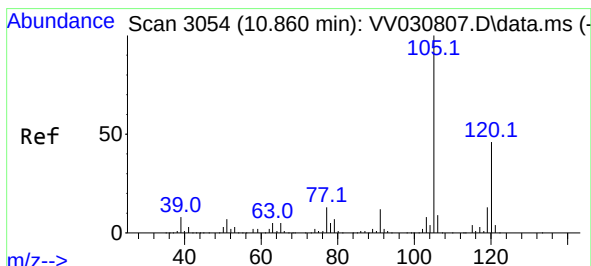
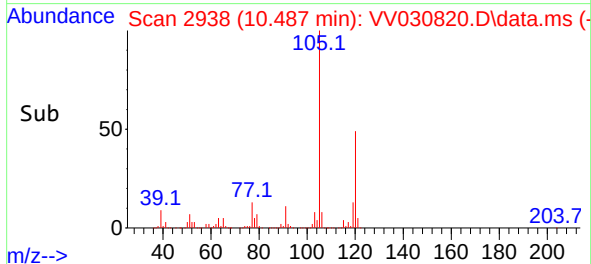
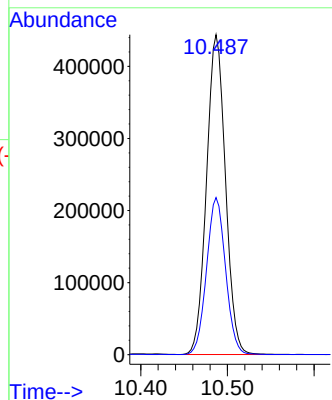
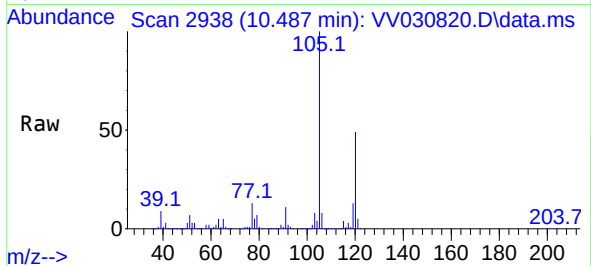




#62
1,3,5-Trimethylbenzene
Concen: 77.005 ug/L
RT: 10.487 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

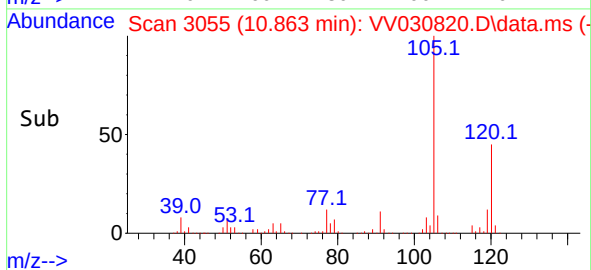
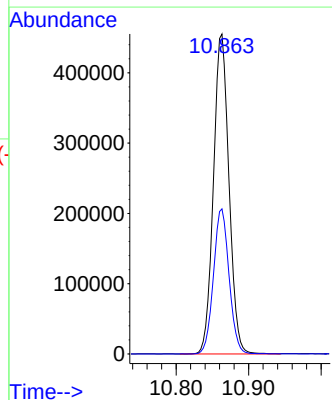
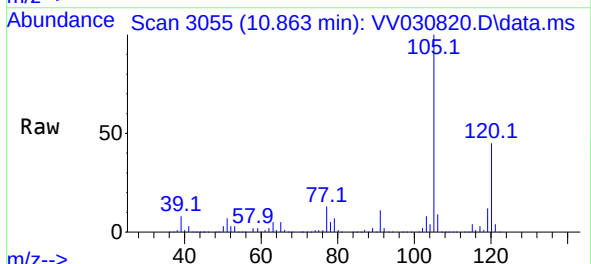
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

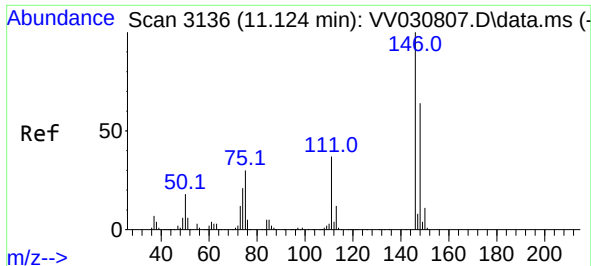
Tgt Ion:105 Resp: 674717
Ion Ratio Lower Upper
105 100
120 49.2 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 77.381 ug/L
RT: 10.863 min Scan# 3055
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:105 Resp: 676968
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.4

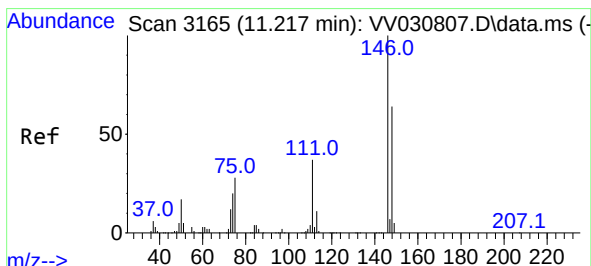
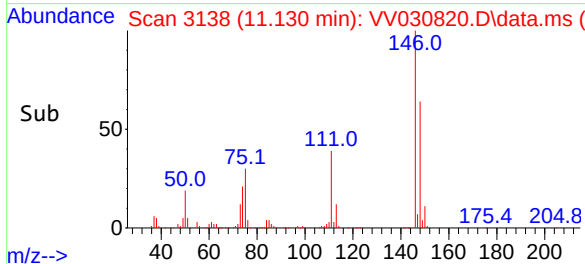
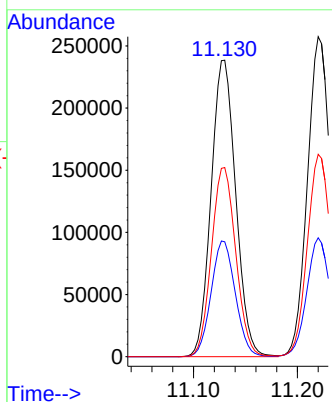
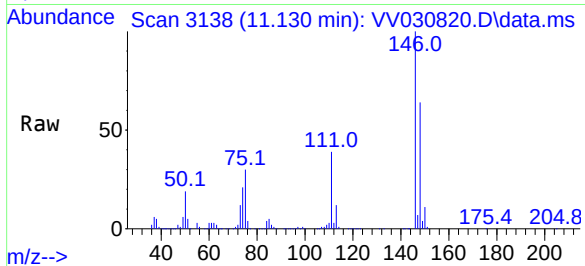




#64
1,3-Dichlorobenzene
Concen: 73.770 ug/L
RT: 11.130 min Scan# 3137
Delta R.T. 0.006 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

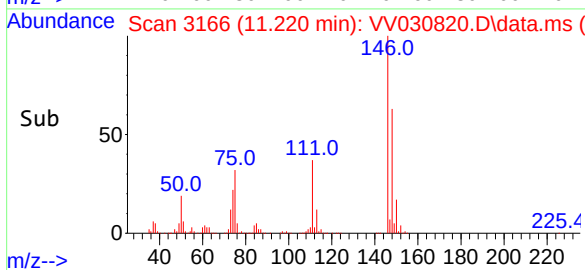
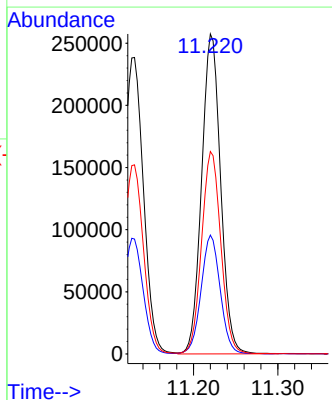
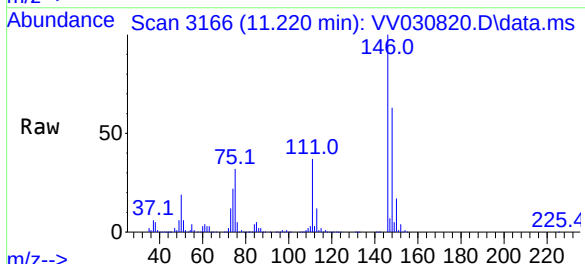
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

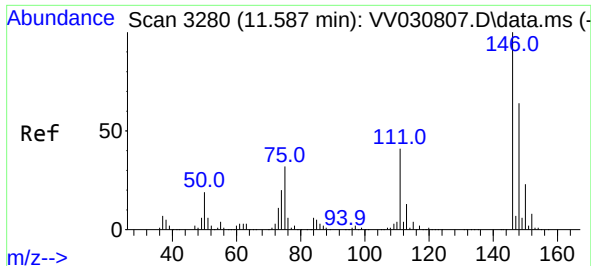
Tgt Ion:146 Resp: 393047
Ion Ratio Lower Upper
146 100
111 38.7 27.0 50.2
148 63.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 72.033 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:146 Resp: 404704
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.1
148 63.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 72.386 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

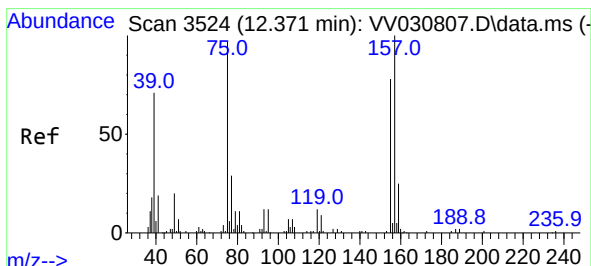
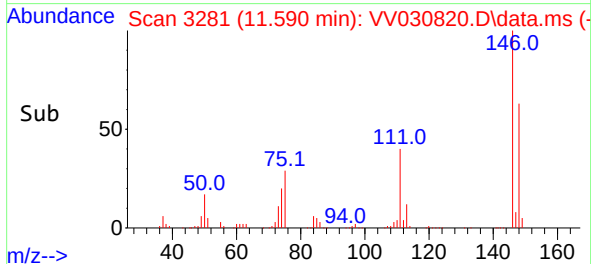
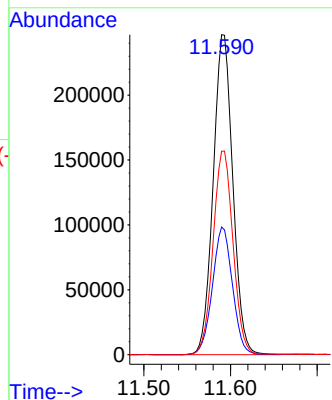
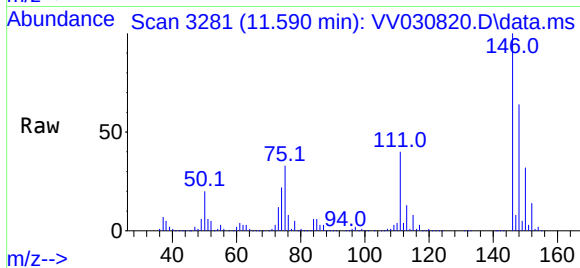
Tgt Ion:146 Resp: 389078

Ion Ratio Lower Upper

146 100

111 39.9 32.0 48.0

148 63.6 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 61.785 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

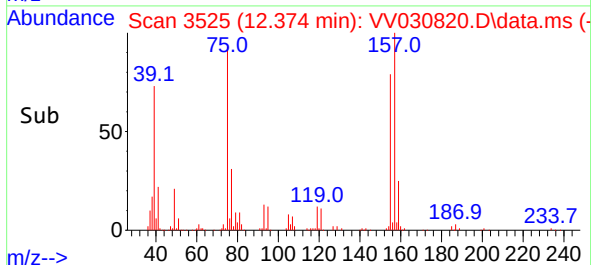
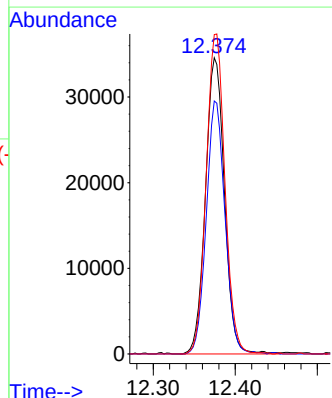
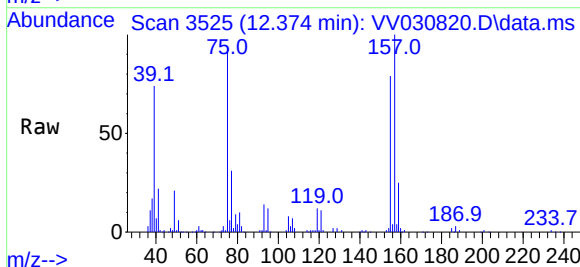
Tgt Ion: 75 Resp: 55945

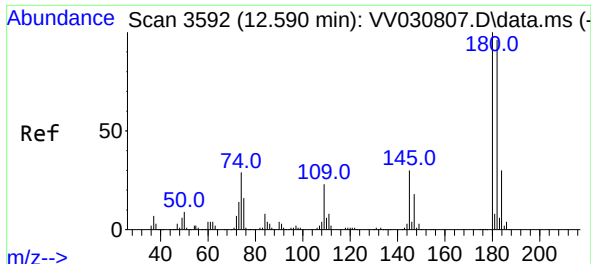
Ion Ratio Lower Upper

75 100

155 85.4 65.0 97.6

157 107.8 84.4 126.6



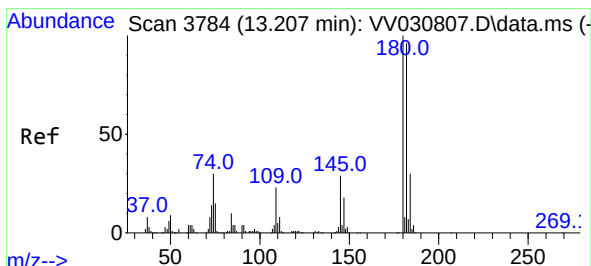
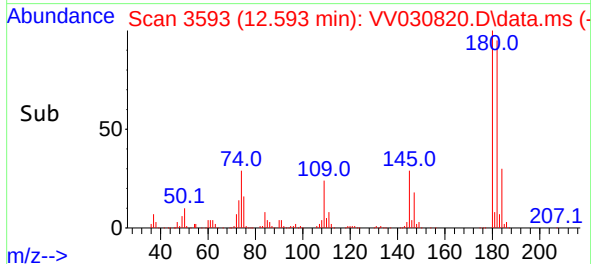
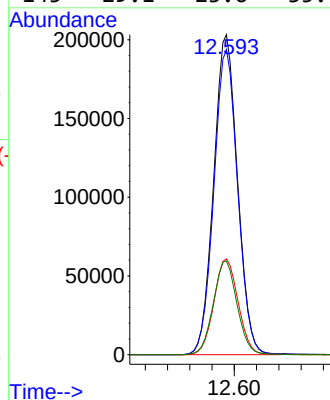
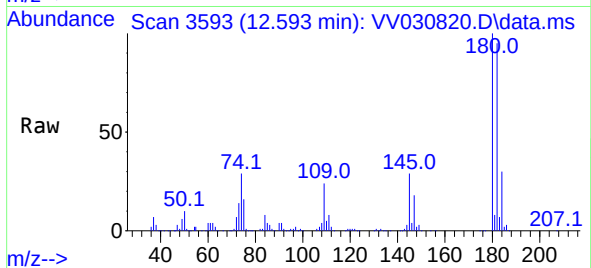


#69
1,3,5-Trichlorobenzene
Concen: 74.981 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion:180 Resp: 301785

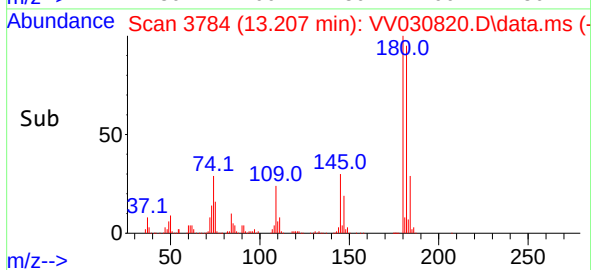
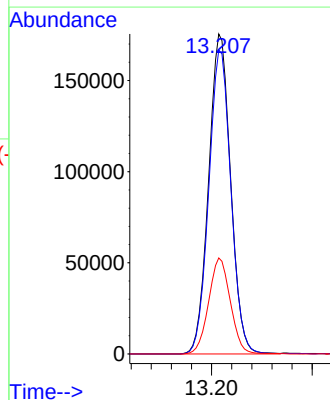
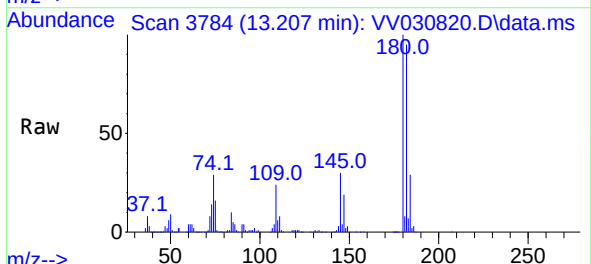
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
184	30.4	24.1	36.1
145	29.1	23.6	35.4

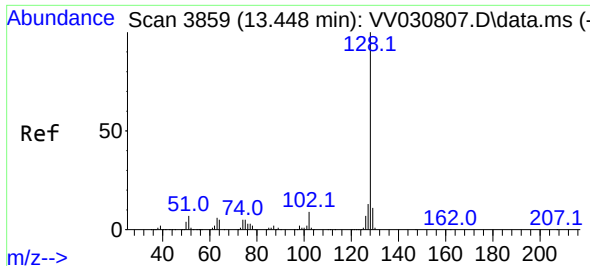


#70
1,2,4-trichlorobenzene
Concen: 77.886 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:180 Resp: 266159

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.9	113.9
145	29.7	23.4	35.2



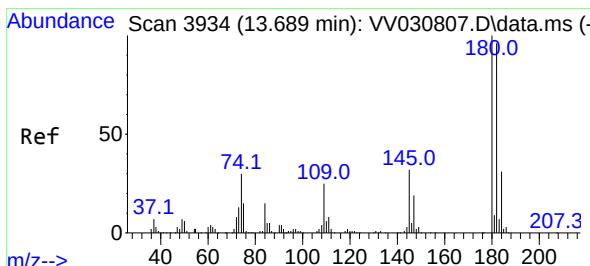
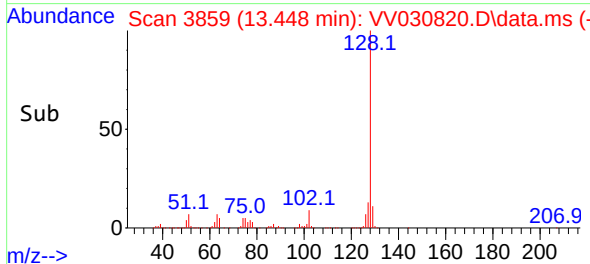
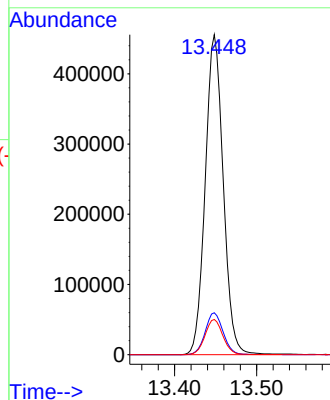
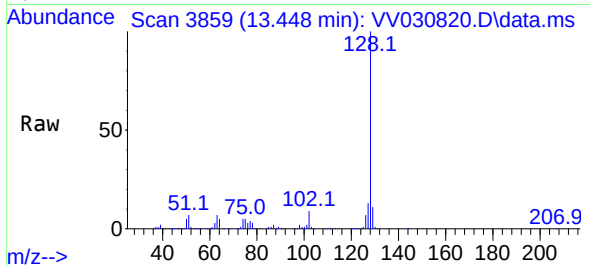


#71
Naphthalene
Concen: 74.235 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion:128 Resp: 693948

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 76.653 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:180 Resp: 259744

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.4
145	31.7	25.1	37.7

