

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017577.D
 Acq On : 05 Mar 2024 17:30
 Operator : SY/MD
 Sample : P1684-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-030524

Quant Time: Mar 05 22:07:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

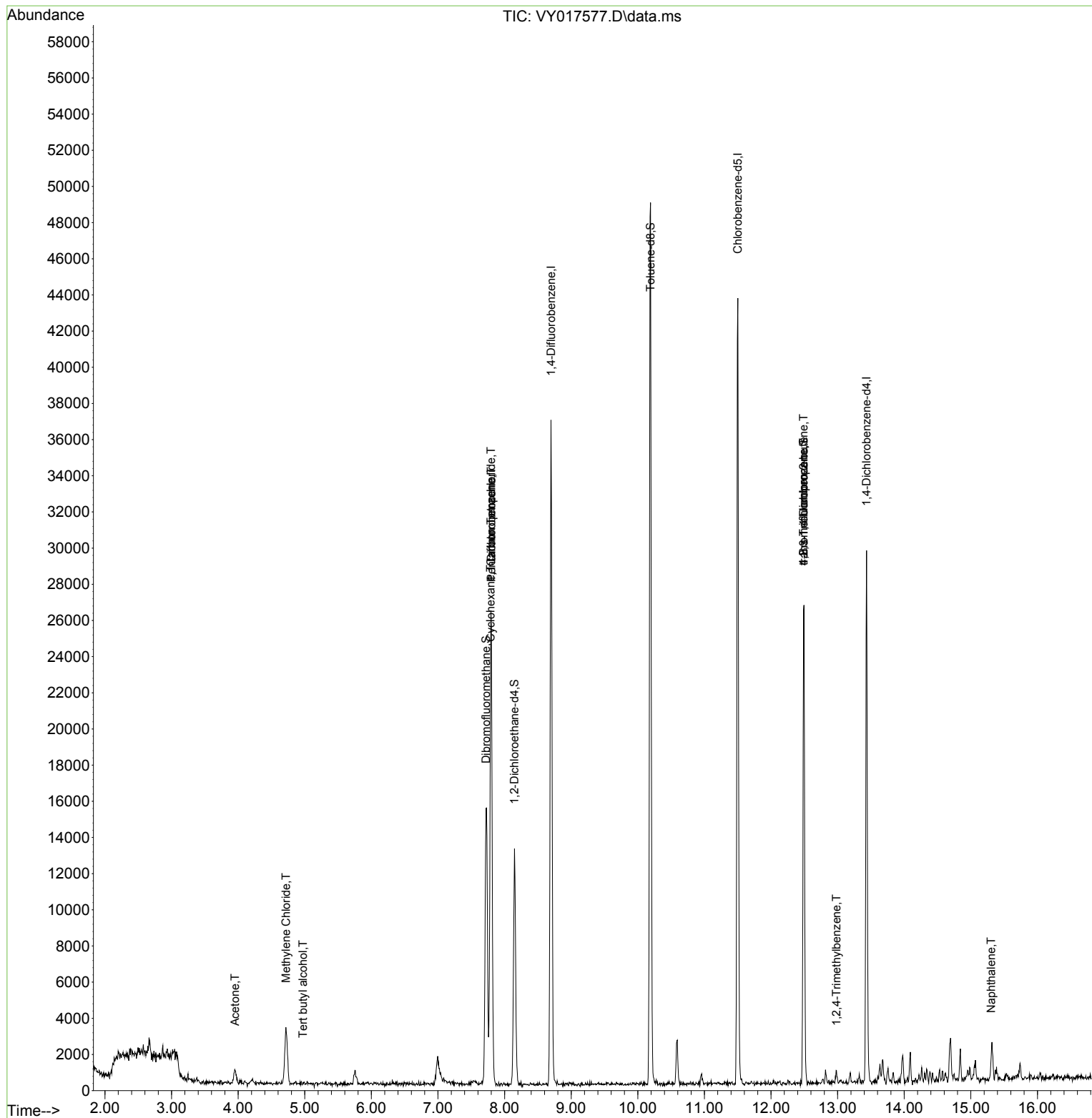
Internal Standards						
1) Pentafluorobenzene	7.801	168	22204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	32937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	26130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9882	46.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.920%
35) Dibromofluoromethane	7.722	113	11778	51.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.191	98	35333	44.030	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.060%
62) 4-Bromofluorobenzene	12.489	95	7682	30.461	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	26	1.455	ug/l #	88
16) Acetone	3.954	43	1270	31.115	ug/l	93
20) Methylene Chloride	4.716	84	2540	5.743	ug/l	90
31) Cyclohexane	7.789	56	363	1.060	ug/l #	7
36) 1,1-Dichloropropene	7.801	75	1635	5.280	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1881	6.061	ug/l #	19
76) 1,2,3-Trichloropropane	12.489	75	3834	47.765	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	3834	109.752	ug/l #	16
84) 1,2,4-Trimethylbenzene	12.983	105	527	1.062	ug/l	68
95) Naphthalene	15.306	128	42	4.061	ug/l #	1

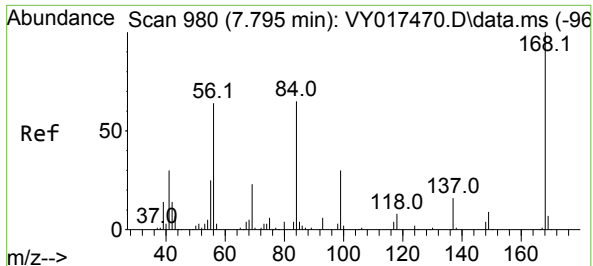
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
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Quant Title : SW846 8260
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Response via : Initial Calibration

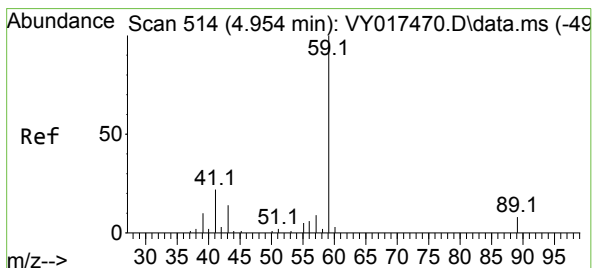
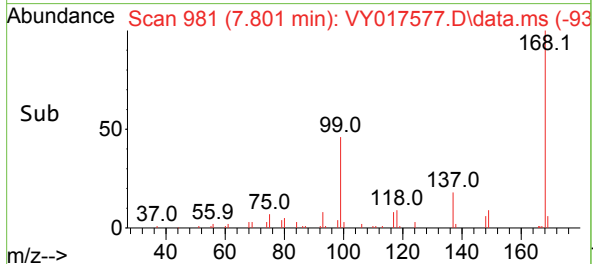
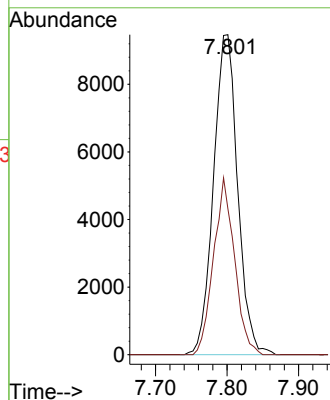
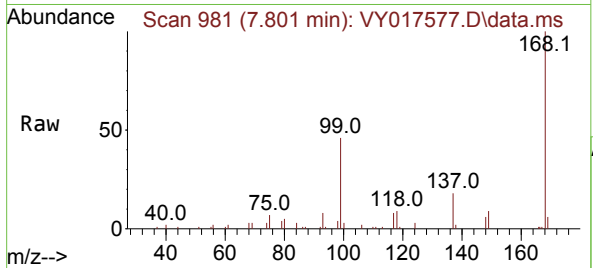




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

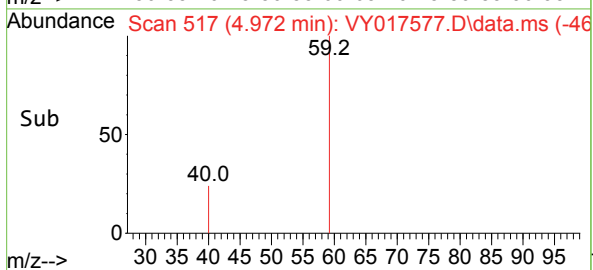
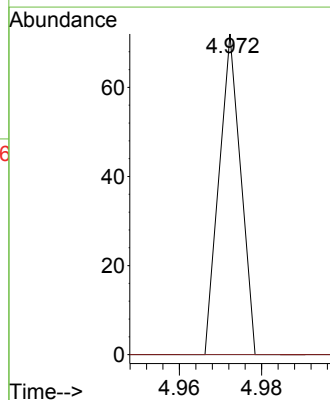
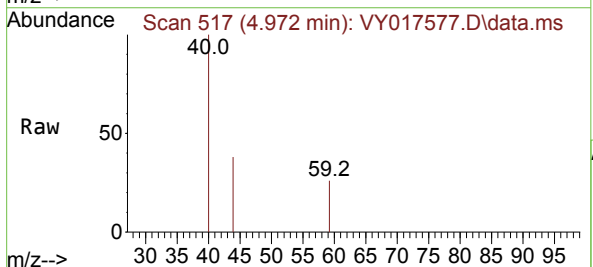
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

Tgt Ion:168 Resp: 22204
Ion Ratio Lower Upper
168 100
99 45.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.455 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

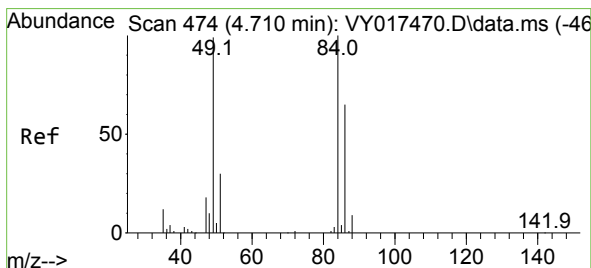
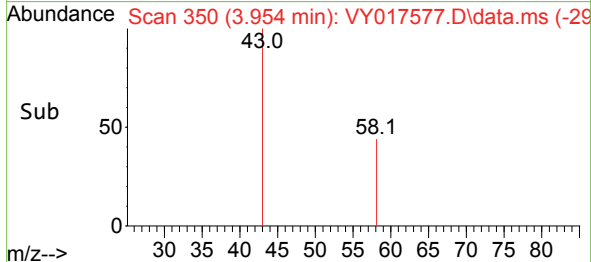
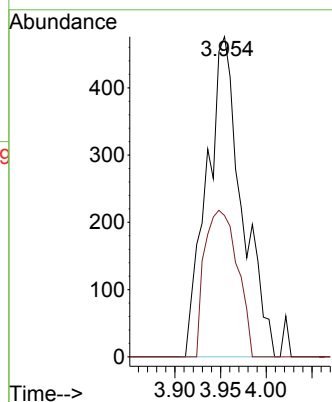
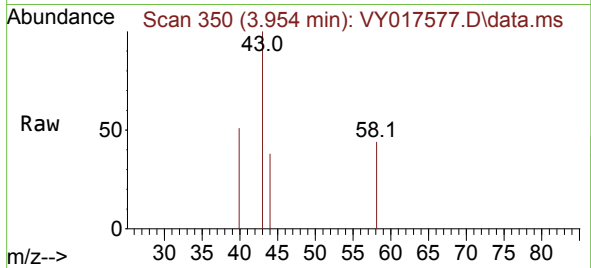




#16
Acetone
Concen: 31.115 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

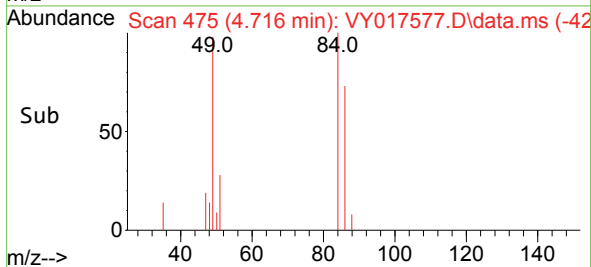
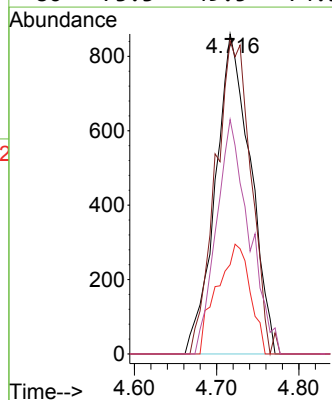
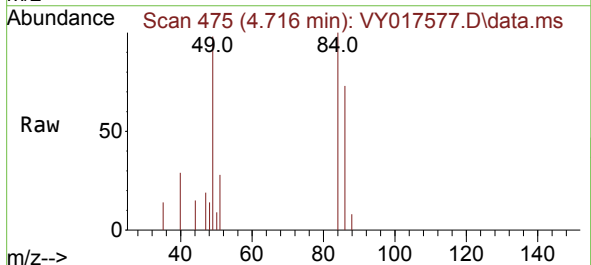
Instrument :
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ClientSampleId :
SU-03-030524

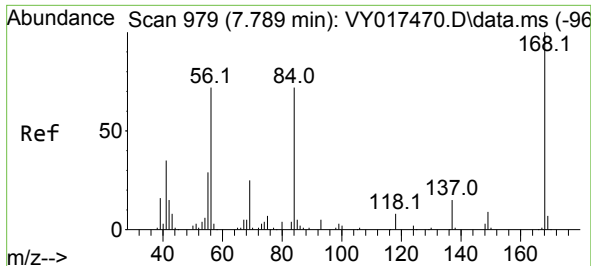
Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
58 44.1 31.7 47.5



#20
Methylene Chloride
Concen: 5.743 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

Tgt Ion: 84 Resp: 2540
Ion Ratio Lower Upper
84 100
49 97.9 84.4 126.6
51 27.9 26.0 39.0
86 73.3 49.5 74.3

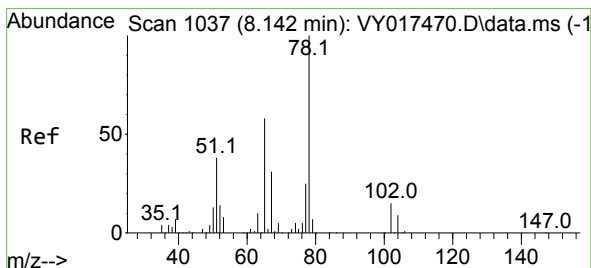
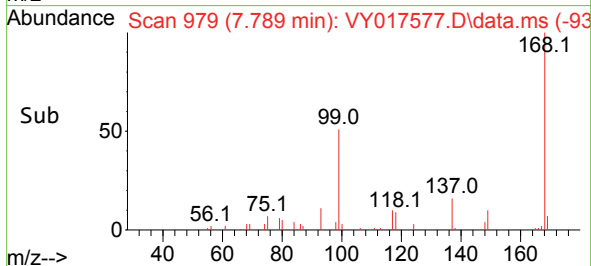
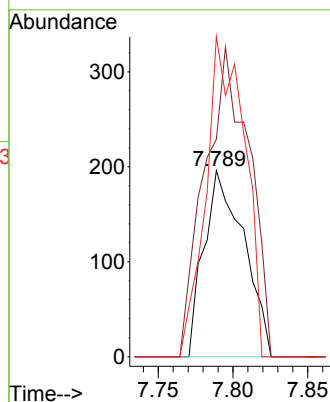
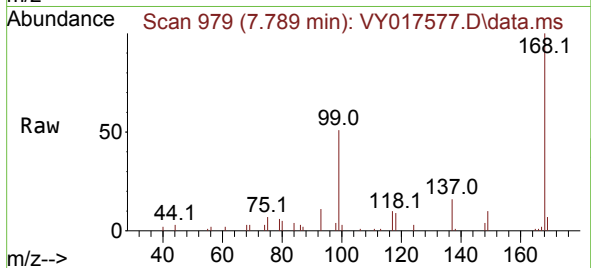




#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

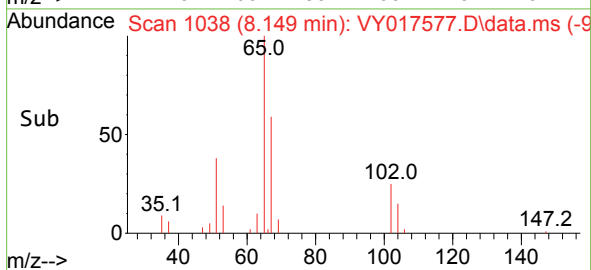
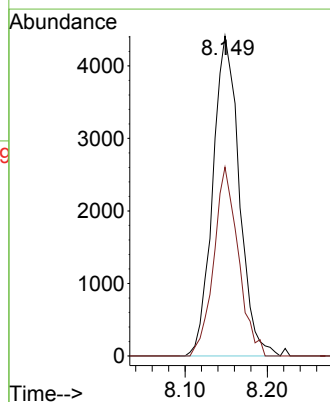
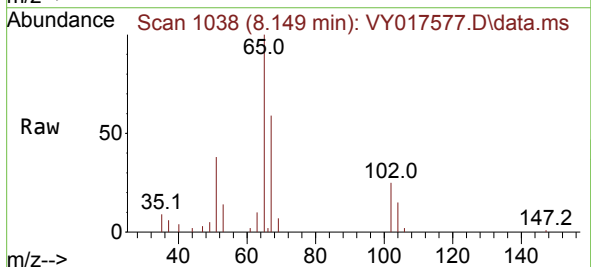
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

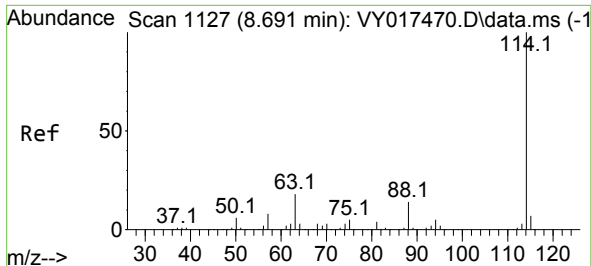
Tgt Ion: 56 Resp: 363
Ion Ratio Lower Upper
56 100
69 116.8 28.7 43.1#
84 171.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 46.960 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

Tgt Ion: 65 Resp: 9882
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

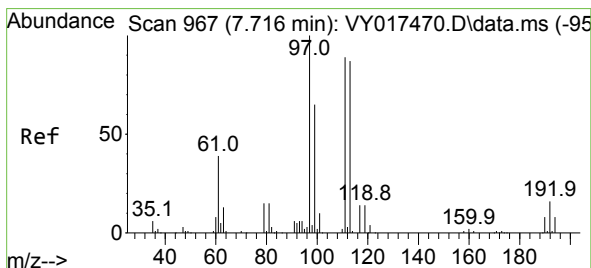
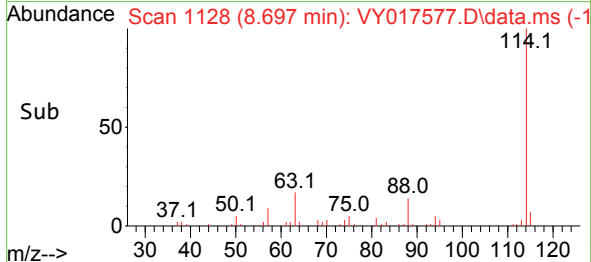
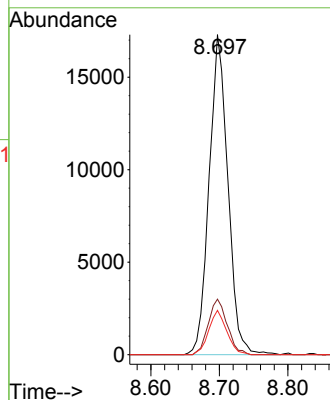
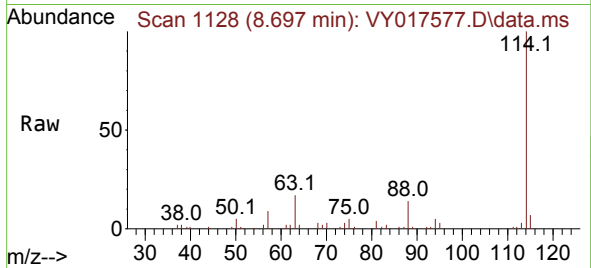




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

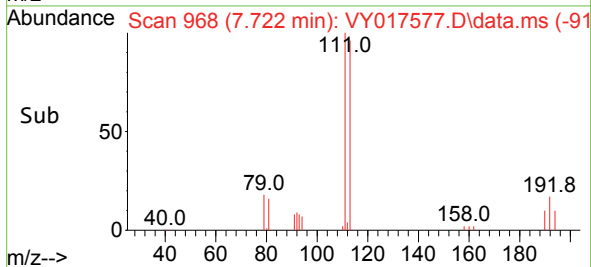
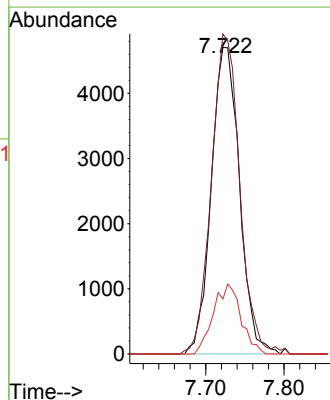
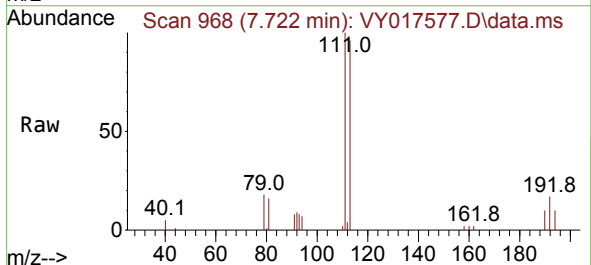
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

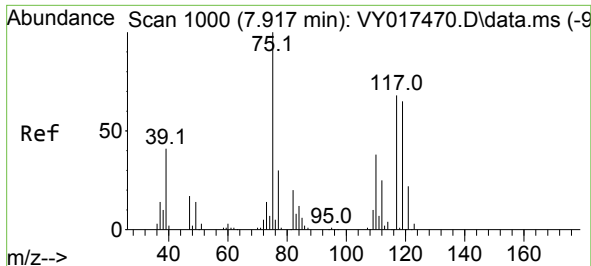
Tgt Ion:114 Resp: 32937
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.317 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

Tgt Ion:113 Resp: 11778
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 22.3 15.9 23.9

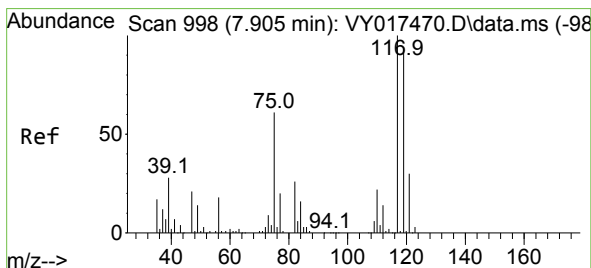
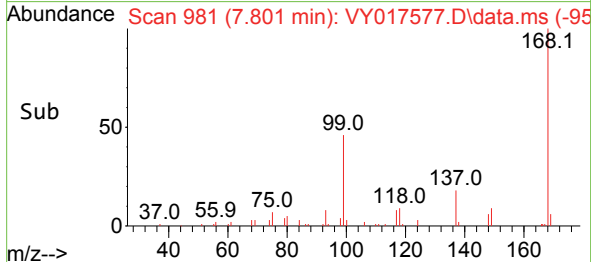
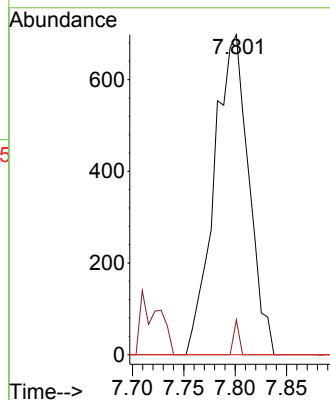
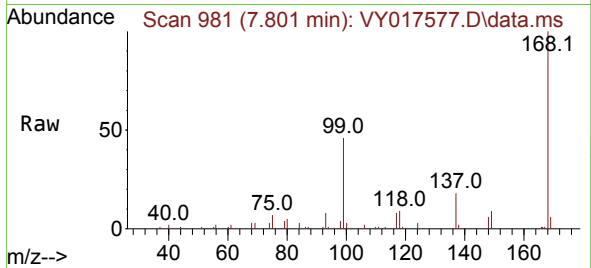




#36
1,1-Dichloropropene
Concen: 5.280 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

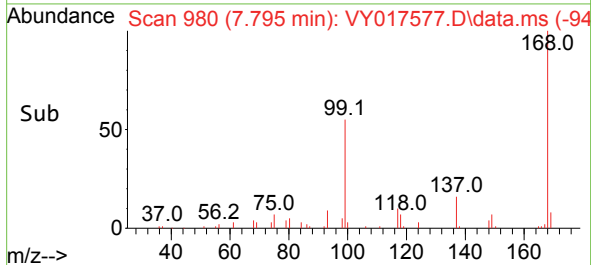
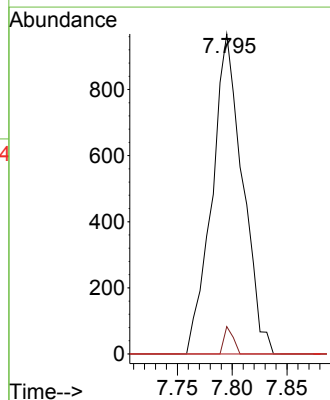
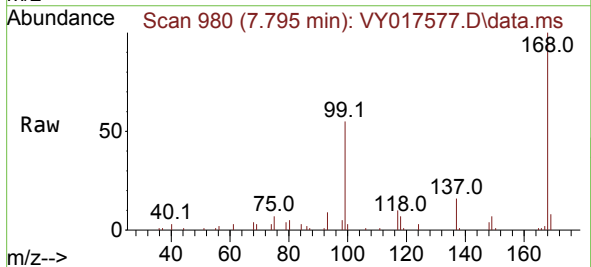
Instrument :
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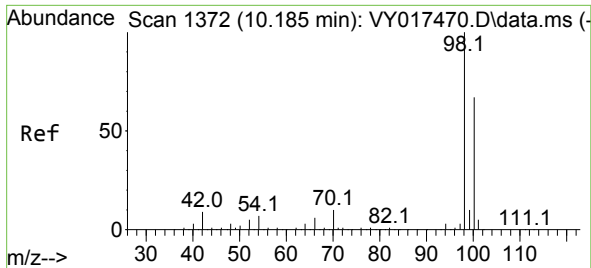
Tgt Ion: 75 Resp: 1635
Ion Ratio Lower Upper
75 100
110 1.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

Tgt Ion: 117 Resp: 1881
Ion Ratio Lower Upper
117 100
119 8.6 75.8 113.6#
121 0.0 24.0 36.0#

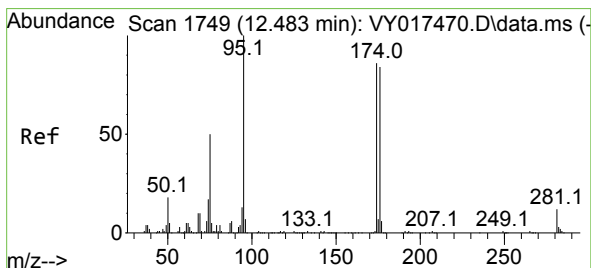
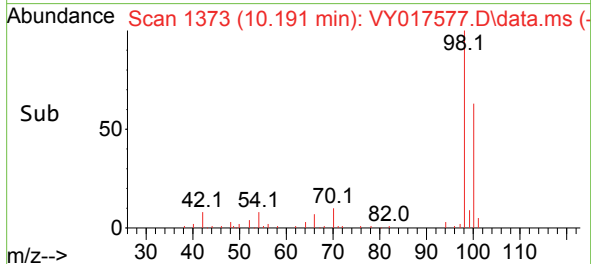
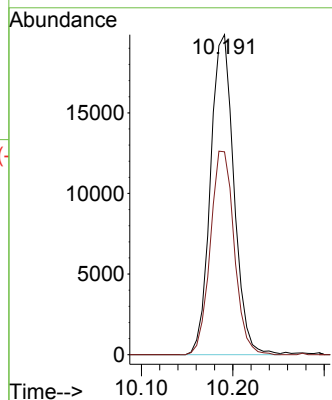
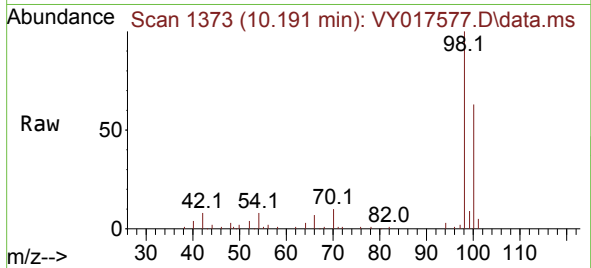




#50
Toluene-d8
Concen: 44.030 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

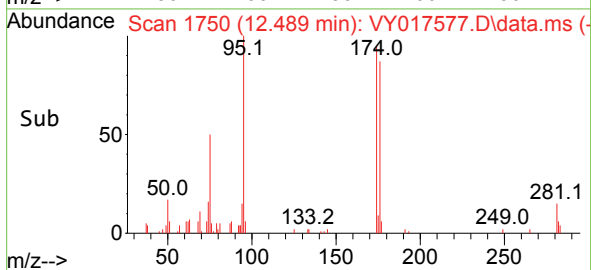
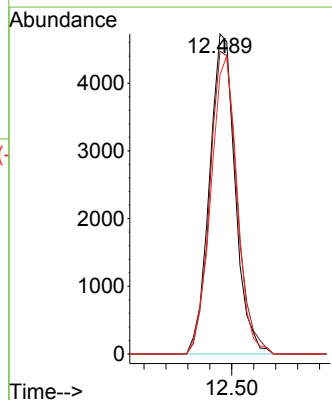
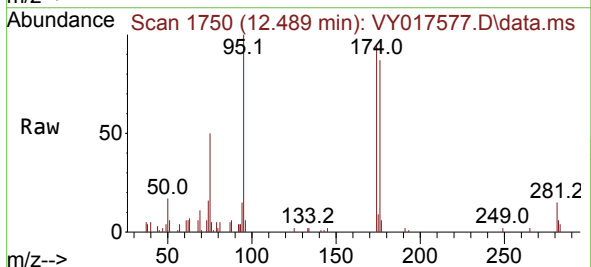
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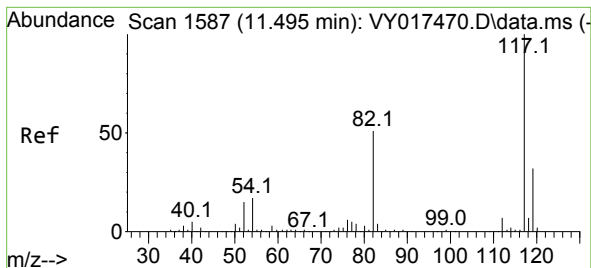
Tgt Ion: 98 Resp: 35333
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.461 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

Tgt Ion: 95 Resp: 7682
Ion Ratio Lower Upper
95 100
174 99.3 0.0 175.6
176 95.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017577.D

Acq: 05 Mar 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-030524

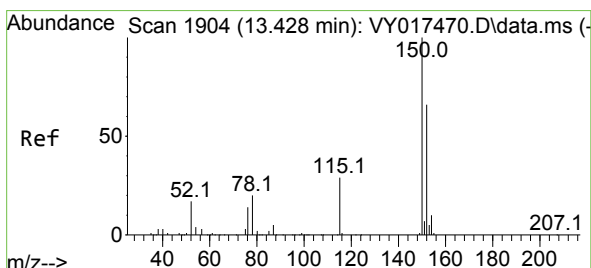
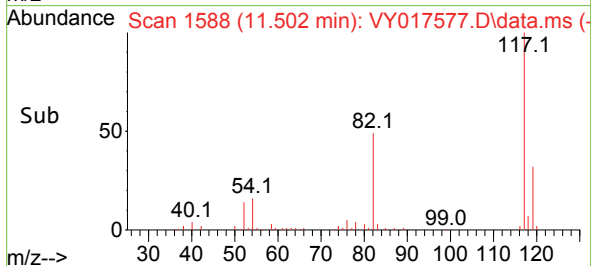
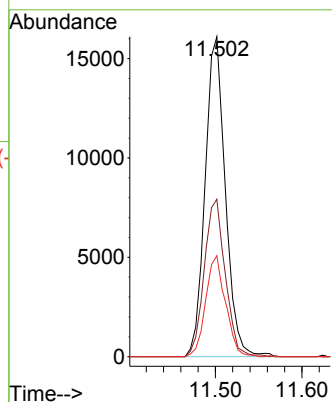
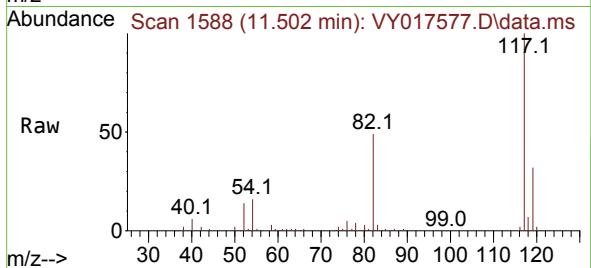
Tgt Ion:117 Resp: 26130

Ion Ratio Lower Upper

117 100

82 49.2 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017577.D

Acq: 05 Mar 2024 17:30

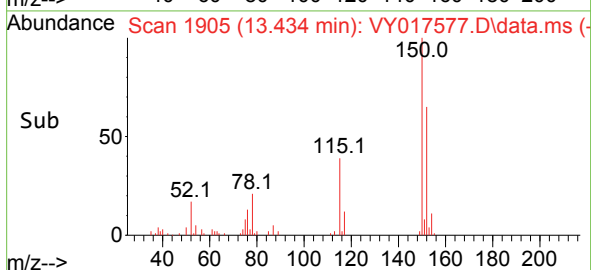
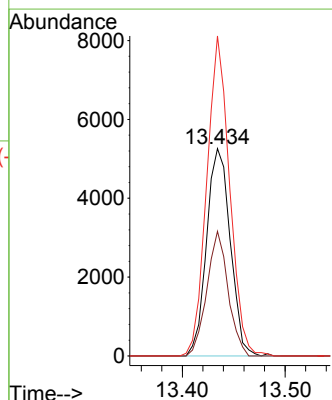
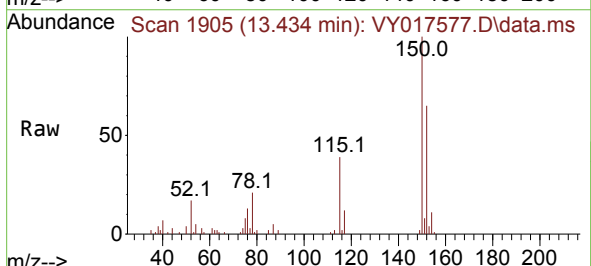
Tgt Ion:152 Resp: 8448

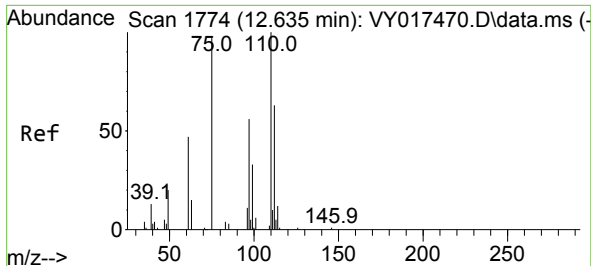
Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 148.3 0.0 345.6

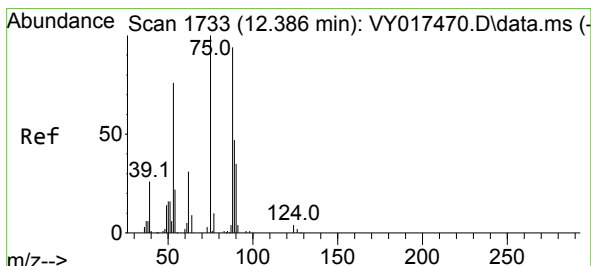
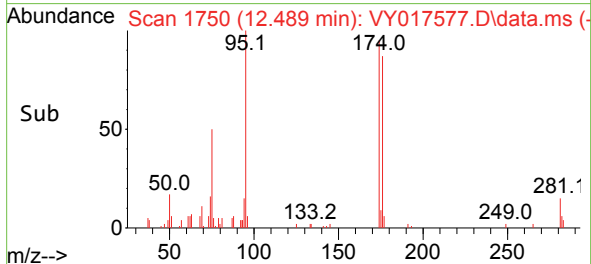
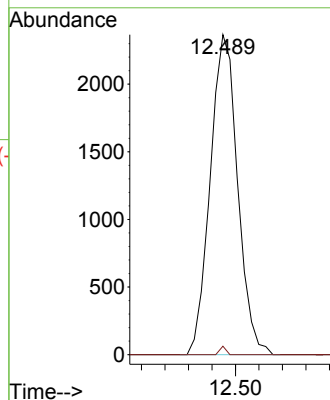
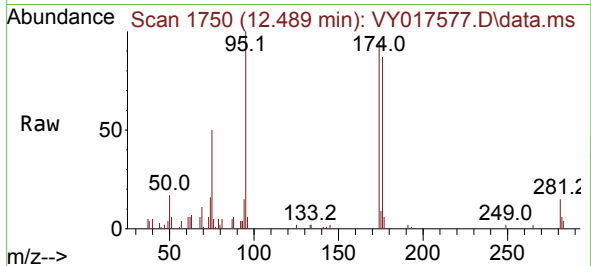




#76
1,2,3-Trichloropropane
Concen: 47.765 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

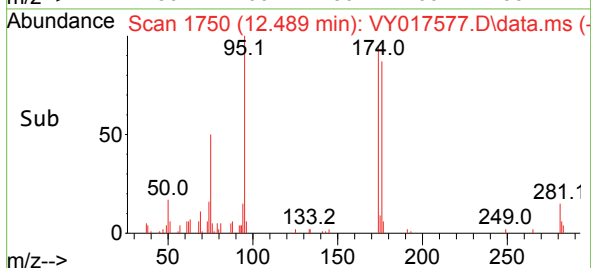
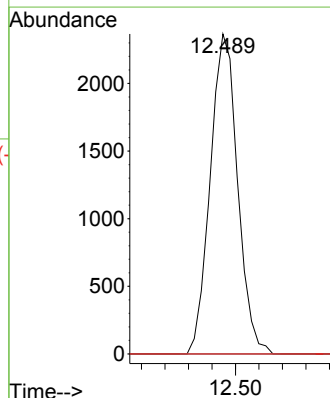
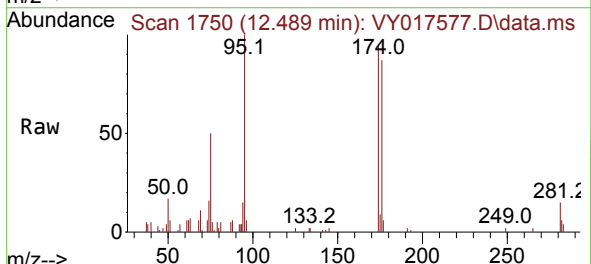
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

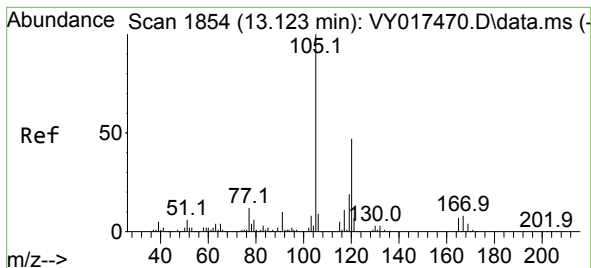
Tgt Ion: 75 Resp: 3834
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.752 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

Tgt Ion: 75 Resp: 3834
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#84

1,2,4-Trimethylbenzene

Concen: 1.062 ug/l

RT: 12.983 min Scan# 11

Delta R.T. -0.140 min

Lab File: VY017577.D

Acq: 05 Mar 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

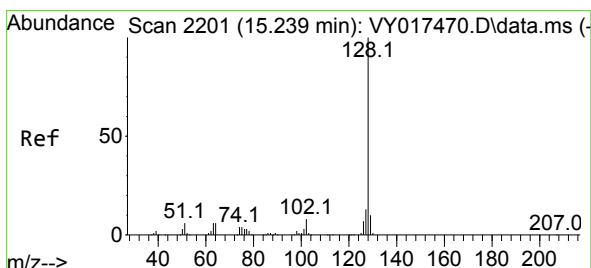
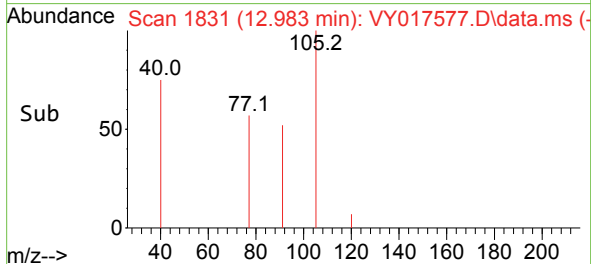
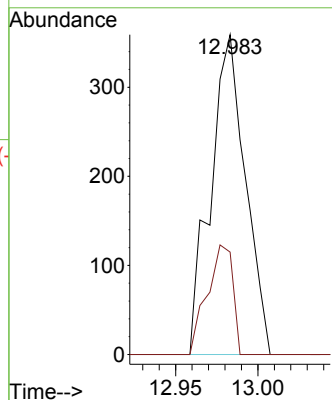
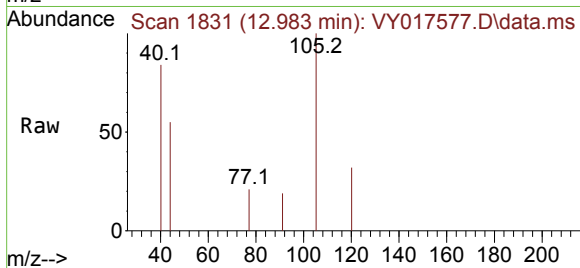
SU-03-030524

Tgt Ion:105 Resp: 527

Ion Ratio Lower Upper

105 100

120 25.2 23.2 69.6



#95

Naphthalene

Concen: 4.061 ug/l

RT: 15.306 min Scan# 2212

Delta R.T. 0.067 min

Lab File: VY017577.D

Acq: 05 Mar 2024 17:30

Tgt Ion:128 Resp: 42

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 81.0 8.6 13.0#

