

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018836.D
 Acq On : 16 Jul 2024 17:01
 Operator : SY/MD
 Sample : P3224-17
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 17 01:58:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

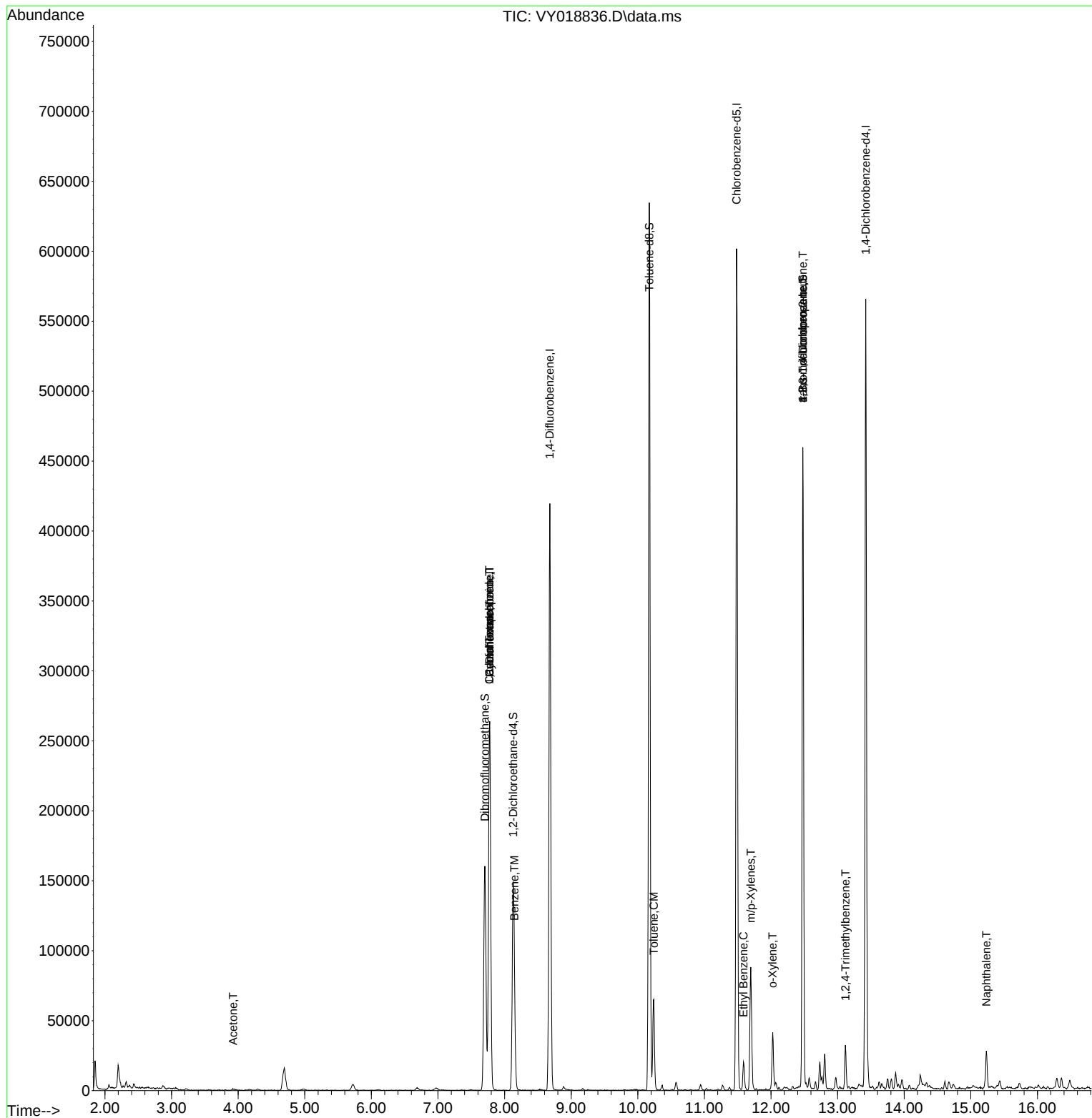
Internal Standards						
1) Pentafluorobenzene	7.777	168	206969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	356800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	325107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	103540	50.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.680%	
35) Dibromofluoromethane	7.703	113	108437	48.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.040%	
50) Toluene-d8	10.173	98	404226	47.745	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	12.477	95	135026	46.701	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.400%	
Target Compounds						
					Qvalue	
16) Acetone	3.924	43	1611	4.291	ug/l	96
31) Cyclohexane	7.777	56	4677	1.495	ug/l #	38
36) 1,1-Dichloropropene	7.771	75	14637	4.746	ug/l #	50
38) Carbon Tetrachloride	7.771	117	20491	5.517	ug/l #	15
40) Benzene	8.149	78	31813	3.556	ug/l	92
52) Toluene	10.240	92	27953	4.701	ug/l	98
67) Ethyl Benzene	11.587	91	13882	1.155	ug/l	98
68) m/p-Xylenes	11.697	106	25762	5.464	ug/l	97
69) o-Xylene	12.026	106	10086	2.275	ug/l	92
76) 1,2,3-Trichloropropane	12.477	75	73540	65.579	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73540	146.769	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.117	105	16558	1.943	ug/l	100
95) Naphthalene	15.233	128	21868	4.920	ug/l	99

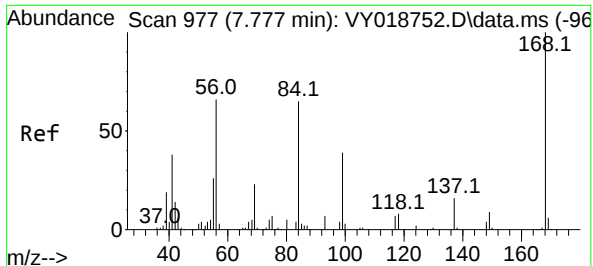
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018836.D
Acq On : 16 Jul 2024 17:01
Operator : SY/MD
Sample : P3224-17
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

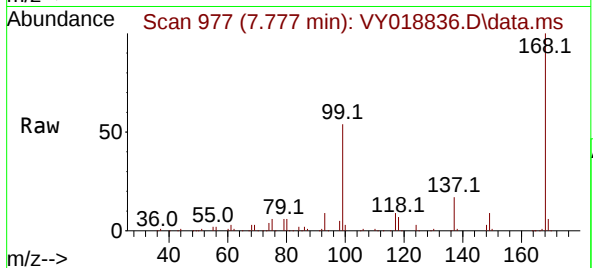
Quant Time: Jul 17 01:58:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



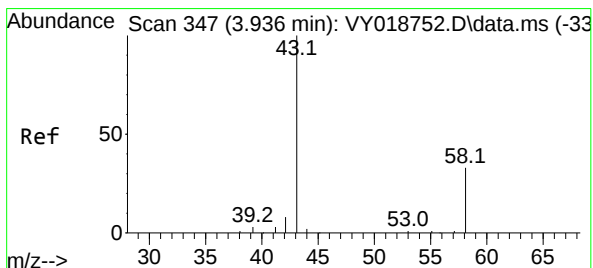
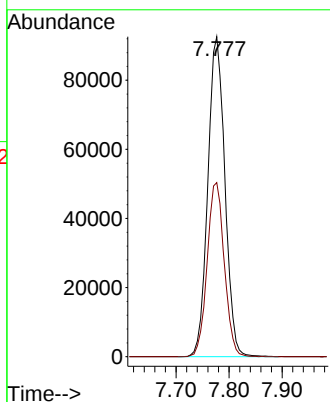
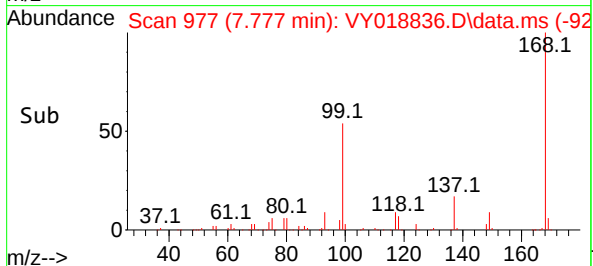


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :

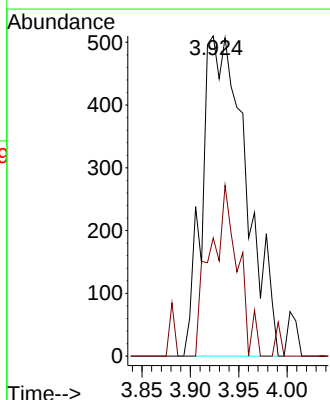
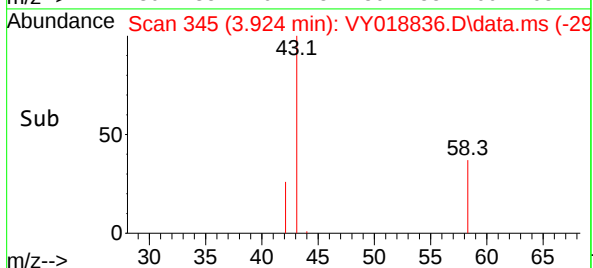
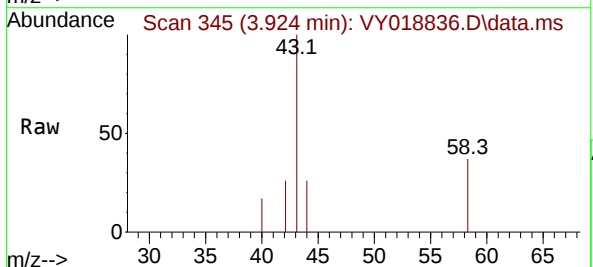


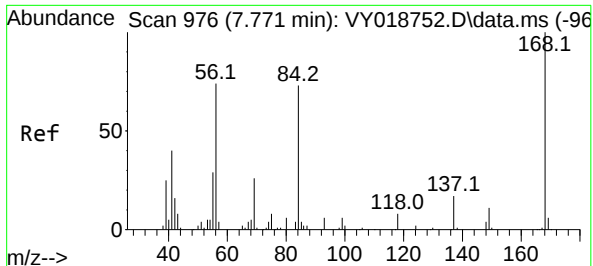
Tgt Ion:168 Resp: 206969
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#16
Acetone
Concen: 4.291 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

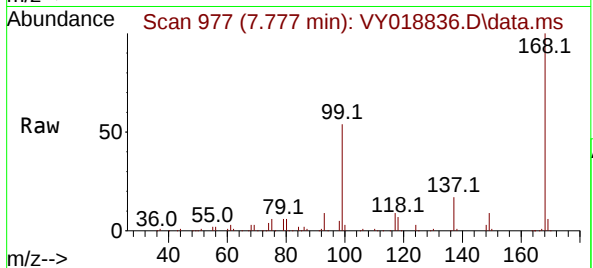
Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 36.9 31.7 47.5



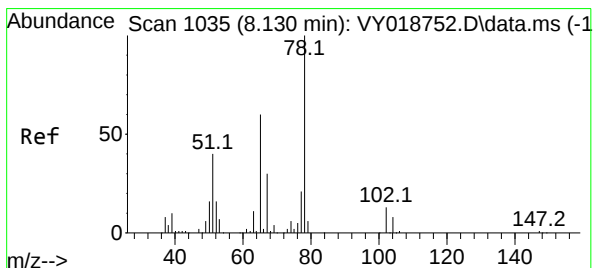
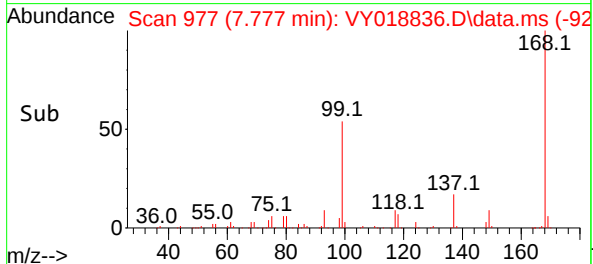
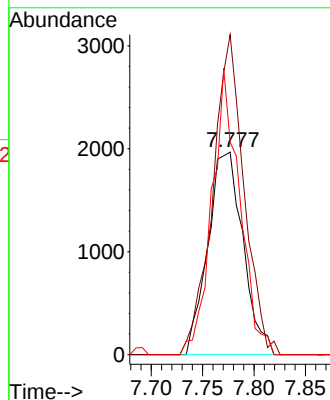


#31
Cyclohexane
Concen: 1.495 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :

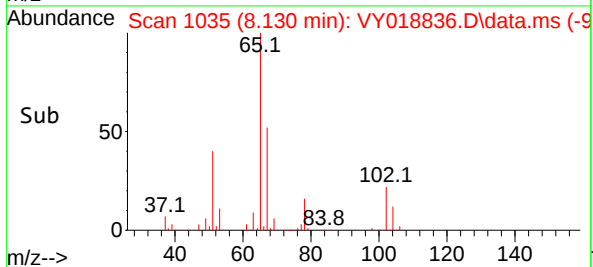
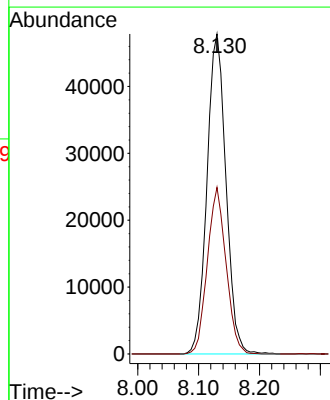
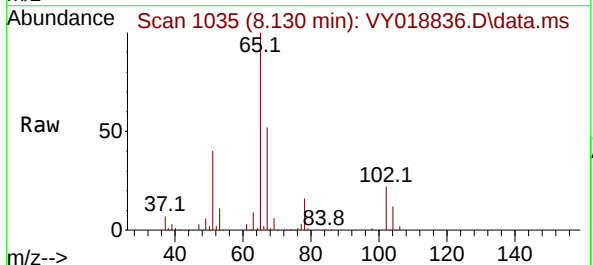


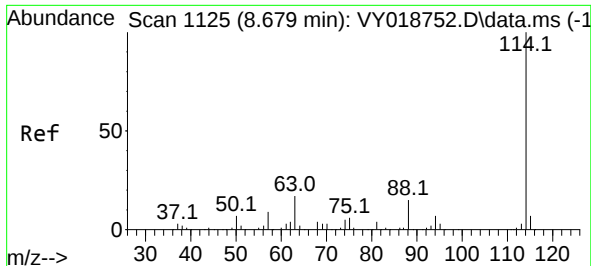
Tgt Ion: 56 Resp: 4677
Ion Ratio Lower Upper
56 100
69 157.9 28.7 43.1#
84 104.9 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 50.839 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Tgt Ion: 65 Resp: 103540
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018836.D

Acq: 16 Jul 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

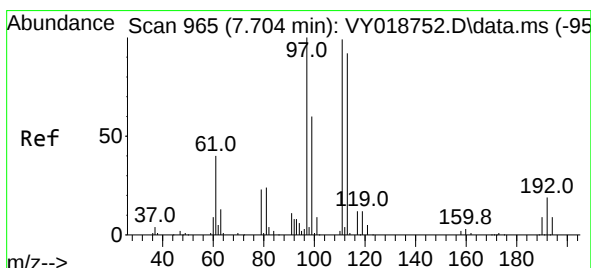
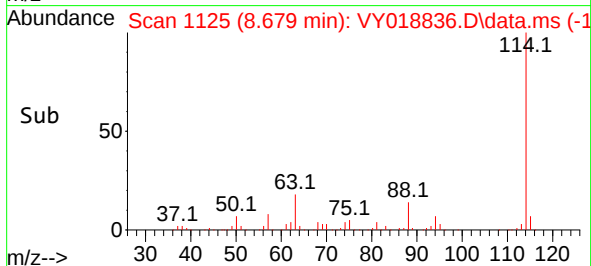
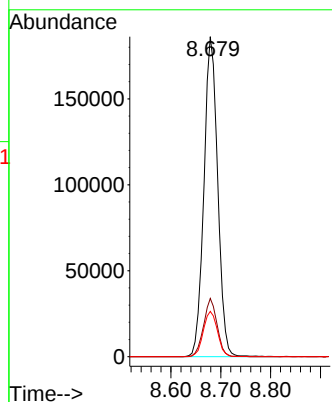
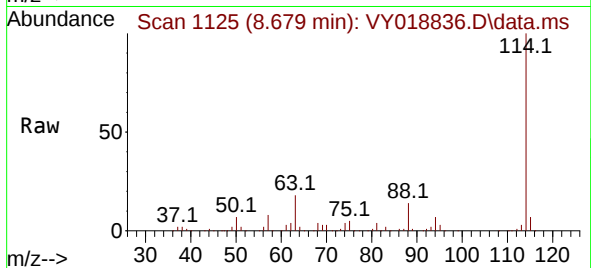
Tgt Ion:114 Resp: 356800

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.524 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018836.D

Acq: 16 Jul 2024 17:01

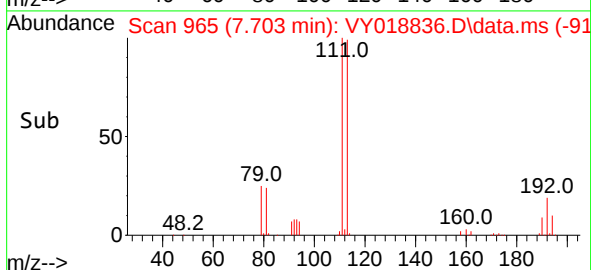
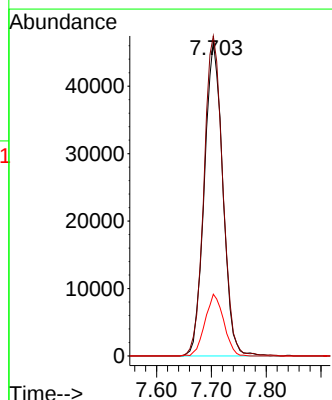
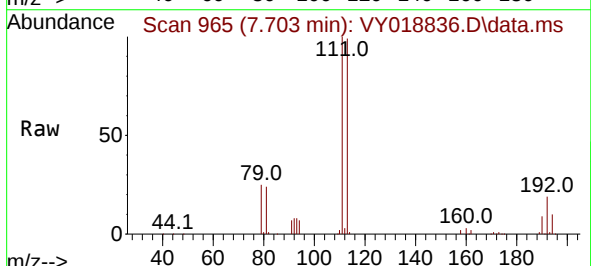
Tgt Ion:113 Resp: 108437

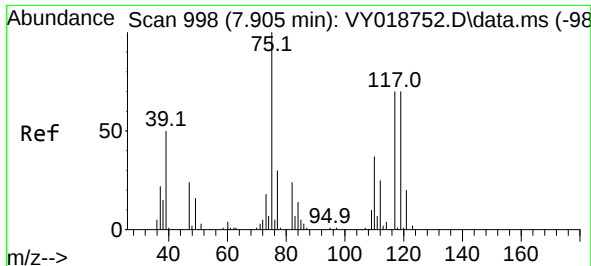
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 20.0 15.9 23.9

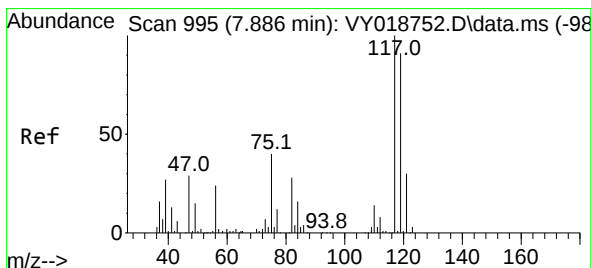
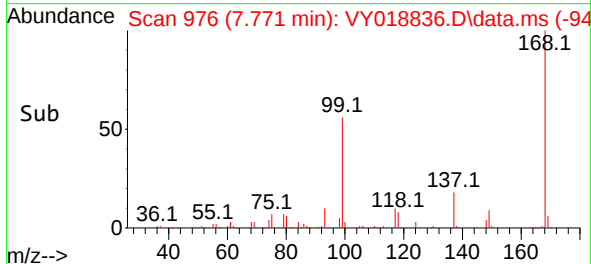
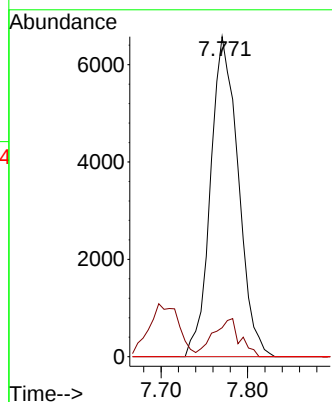
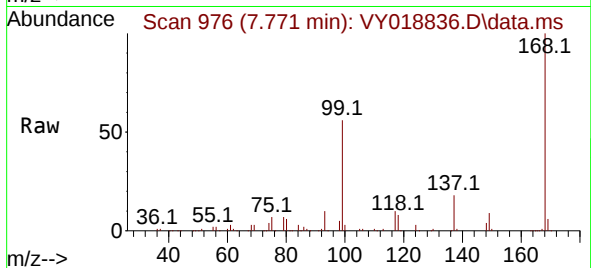




#36
 1,1-Dichloropropene
 Concen: 4.746 ug/l
 RT: 7.771 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY018836.D
 Acq: 16 Jul 2024 17:01

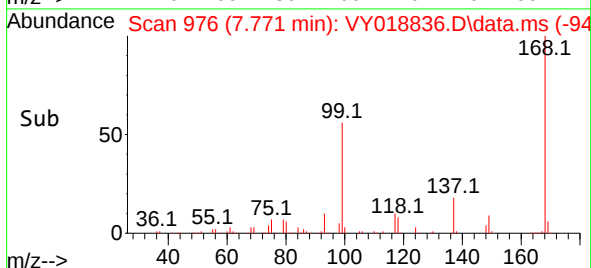
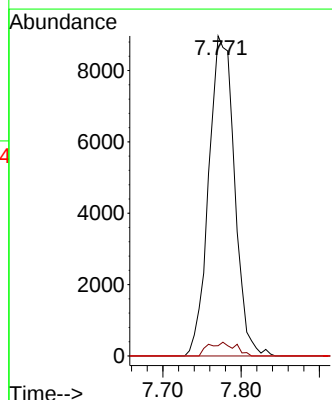
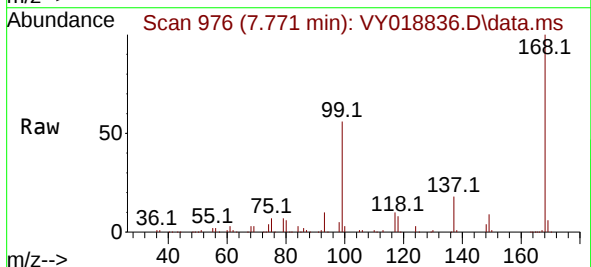
Instrument :
 MSVOA_Y
 ClientSampleId :

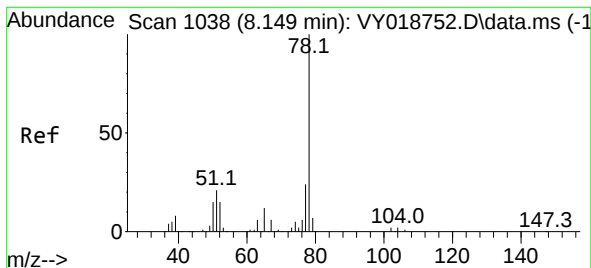
Tgt Ion: 75 Resp: 14637
 Ion Ratio Lower Upper
 75 100
 110 11.4 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.517 ug/l
 RT: 7.771 min Scan# 976
 Delta R.T. -0.116 min
 Lab File: VY018836.D
 Acq: 16 Jul 2024 17:01

Tgt Ion: 117 Resp: 20491
 Ion Ratio Lower Upper
 117 100
 119 3.2 75.8 113.6#
 121 0.0 24.0 36.0#





#40

Benzene

Concen: 3.556 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY018836.D

Acq: 16 Jul 2024 17:01

Instrument :

MSVOA_Y

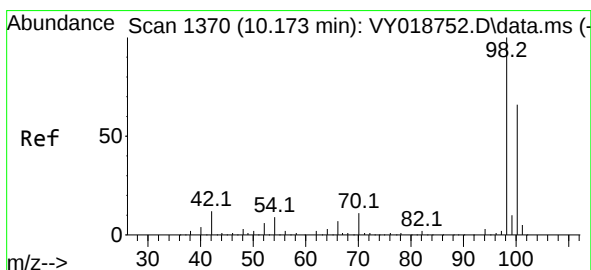
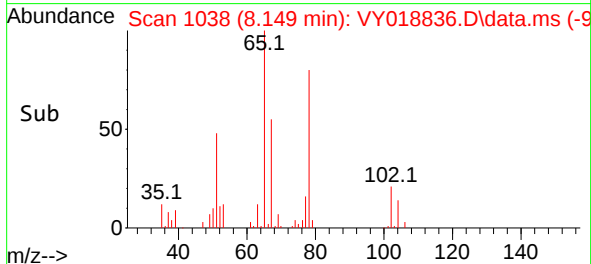
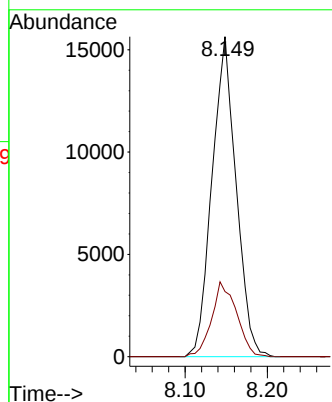
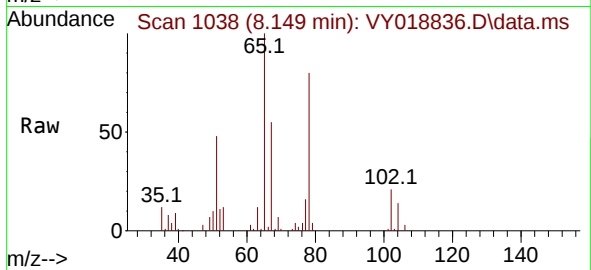
ClientSampleId :

Tgt Ion: 78 Resp: 31813

Ion Ratio Lower Upper

78 100

77 20.4 19.5 29.3



#50

Toluene-d8

Concen: 47.745 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018836.D

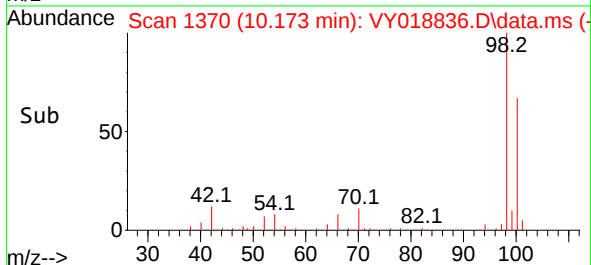
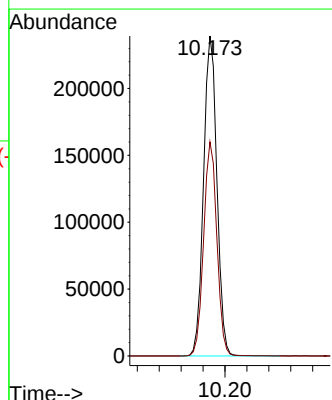
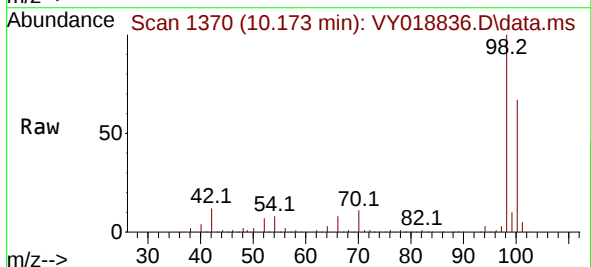
Acq: 16 Jul 2024 17:01

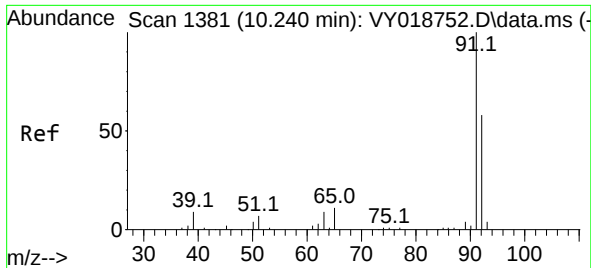
Tgt Ion: 98 Resp: 404226

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0

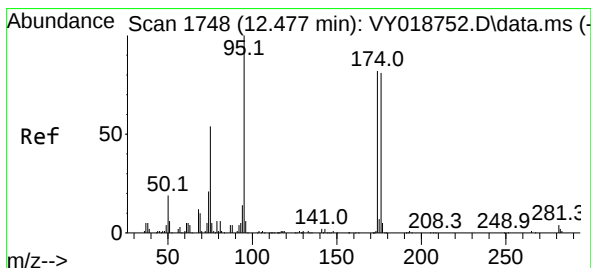
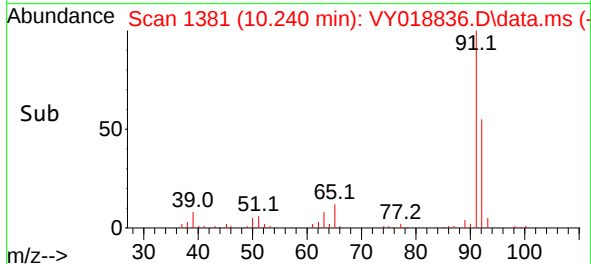
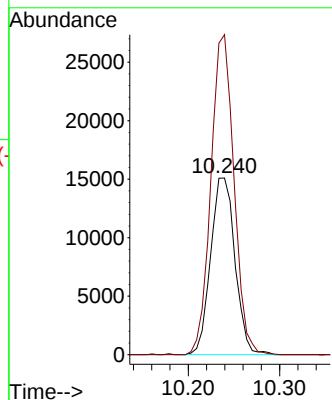
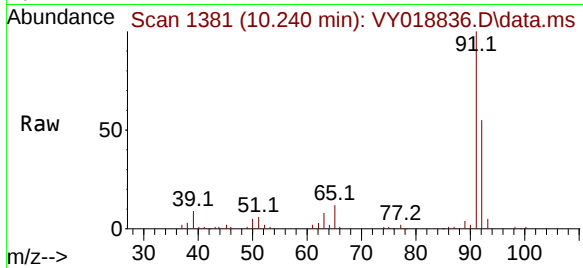




#52
Toluene
Concen: 4.701 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

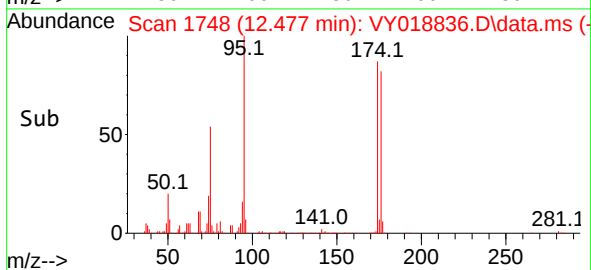
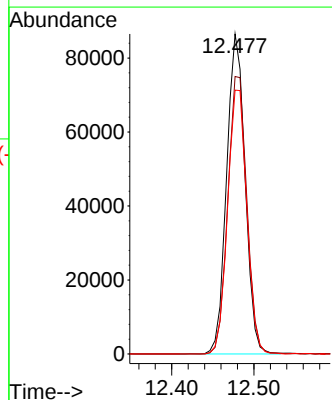
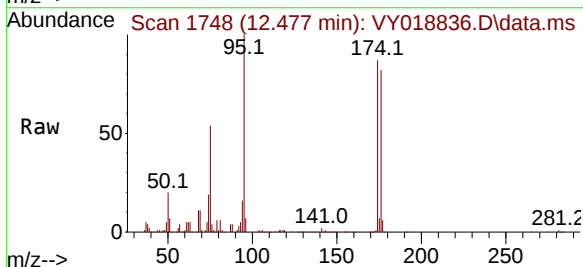
Instrument :
MSVOA_Y
ClientSampleId :

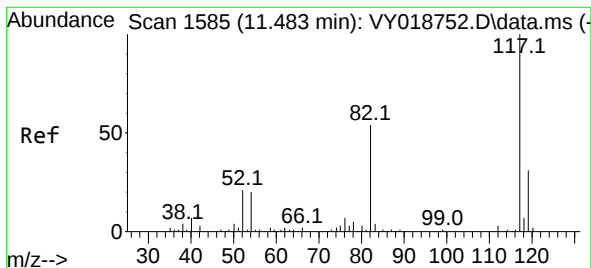
Tgt Ion: 92 Resp: 27953
Ion Ratio Lower Upper
92 100
91 171.6 139.0 208.6



#62
4-Bromofluorobenzene
Concen: 46.701 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Tgt Ion: 95 Resp: 135026
Ion Ratio Lower Upper
95 100
174 89.8 0.0 175.6
176 86.0 0.0 171.4

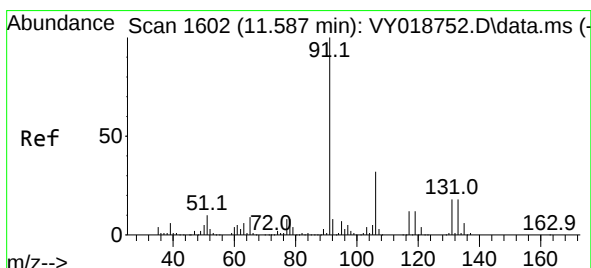
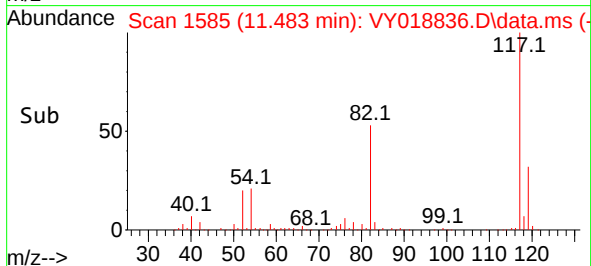
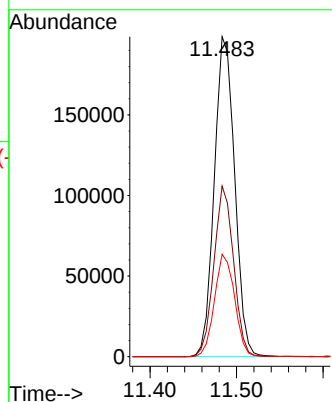
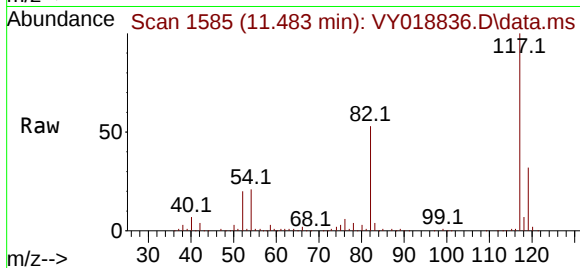




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

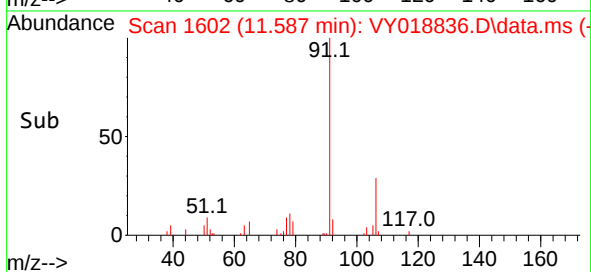
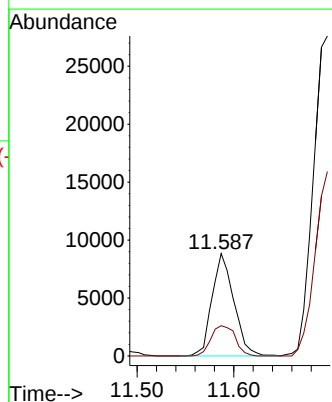
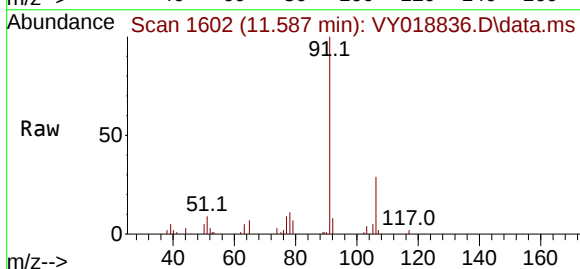
Instrument :
MSVOA_Y
ClientSampleId :

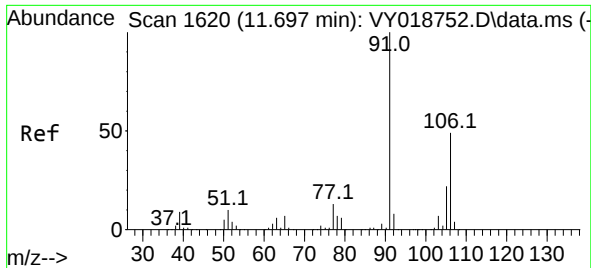
Tgt Ion:117 Resp: 325107
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.0 25.9 38.9



#67
Ethyl Benzene
Concen: 1.155 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Tgt Ion: 91 Resp: 13882
Ion Ratio Lower Upper
91 100
106 29.5 24.5 36.7

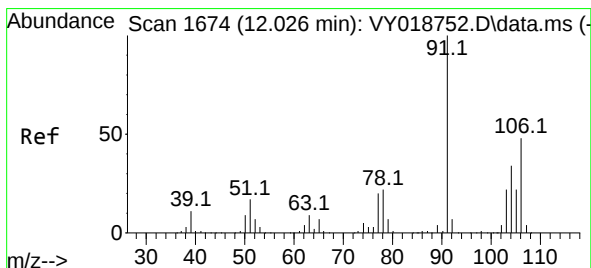
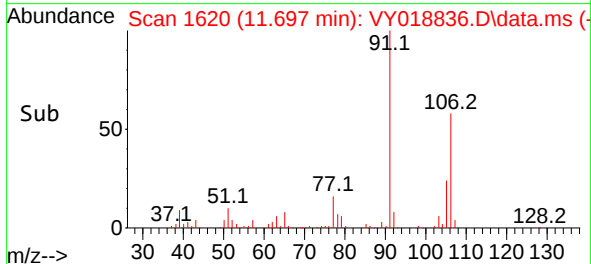
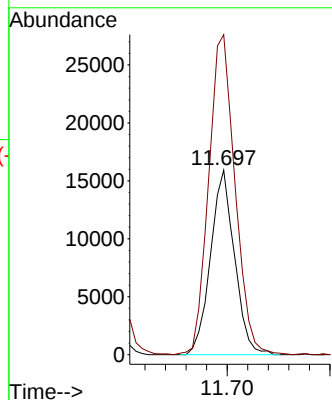
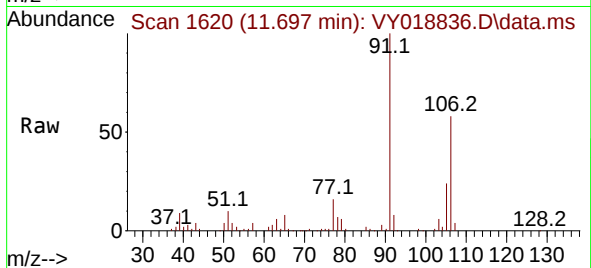




#68
m/p-Xylenes
Concen: 5.464 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

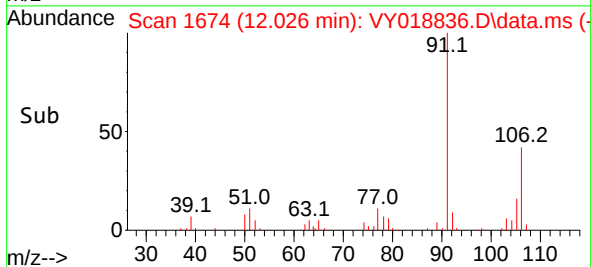
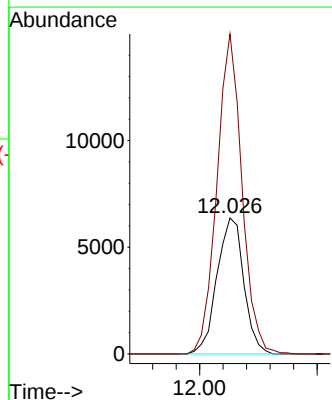
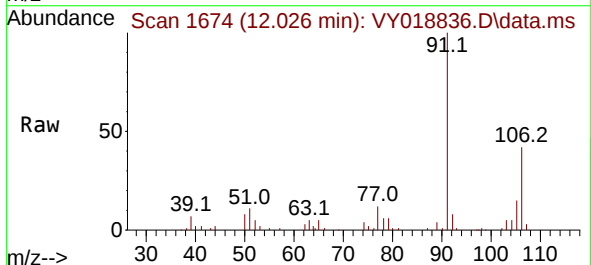
Instrument :
MSVOA_Y
ClientSampleId :

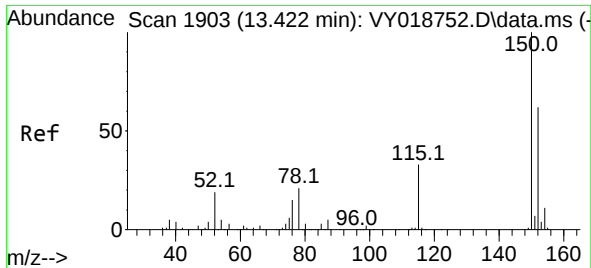
Tgt Ion:106 Resp: 25762
Ion Ratio Lower Upper
106 100
91 190.6 156.0 234.0



#69
o-Xylene
Concen: 2.275 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

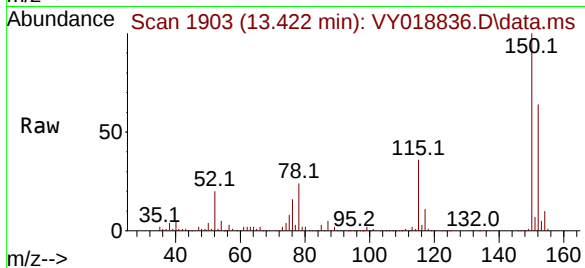
Tgt Ion:106 Resp: 10086
Ion Ratio Lower Upper
106 100
91 220.0 103.6 310.8





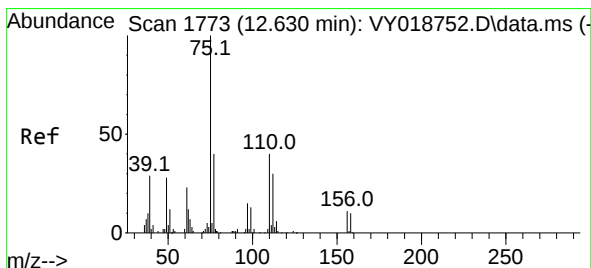
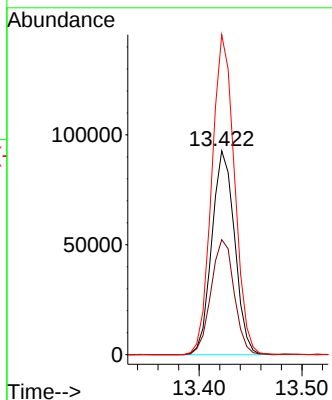
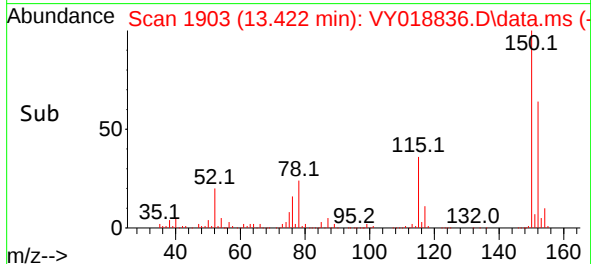
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018836.D
 Acq: 16 Jul 2024 17:01

Instrument :
 MSVOA_Y
 ClientSampleId :

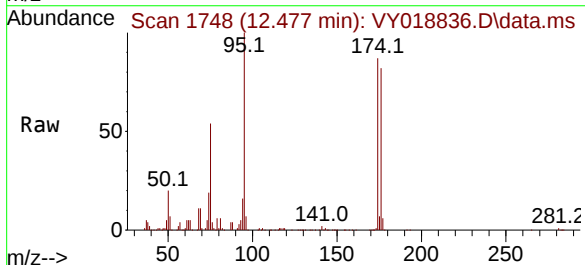


Tgt Ion:152 Resp: 143178

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	156.1	0.0	345.6

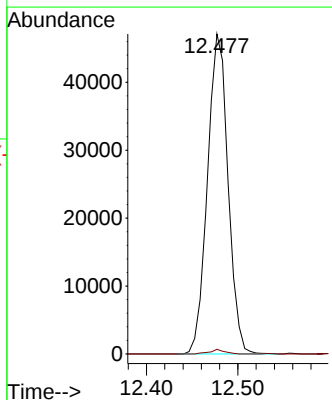
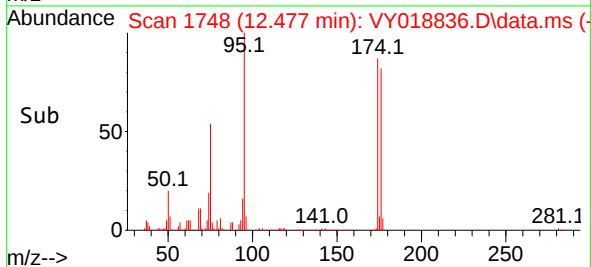


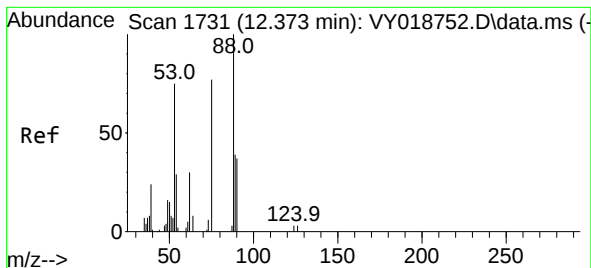
#76
 1,2,3-Trichloropropane
 Concen: 65.579 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY018836.D
 Acq: 16 Jul 2024 17:01



Tgt Ion: 75 Resp: 73540

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

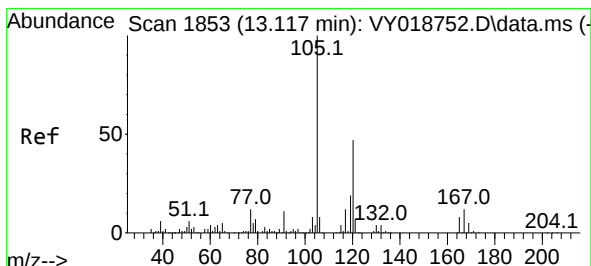
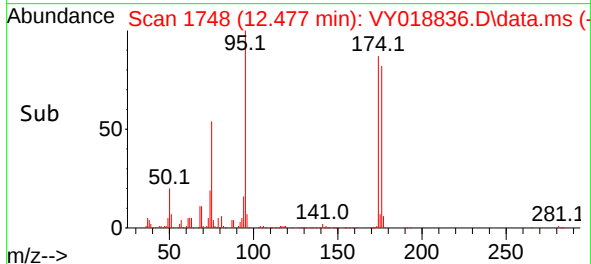
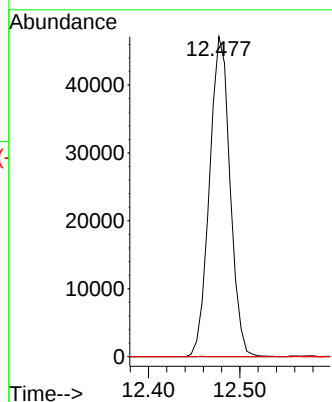
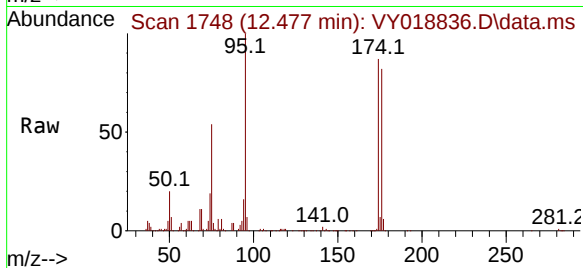




#81
trans-1,4-Dichloro-2-butene
Concen: 146.769 ug/l
RT: 12.477 min Scan# 1731
Delta R.T. 0.104 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

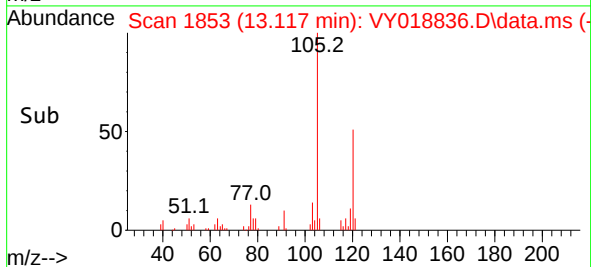
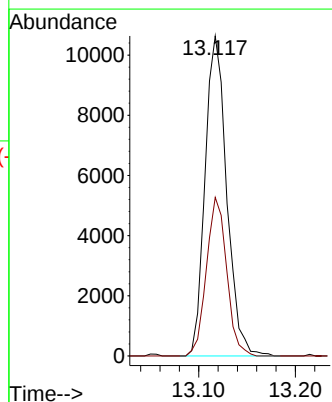
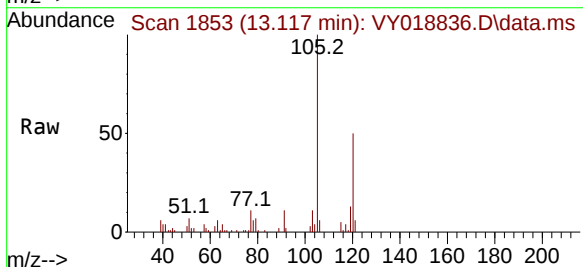
Instrument :
MSVOA_Y
ClientSampleId :

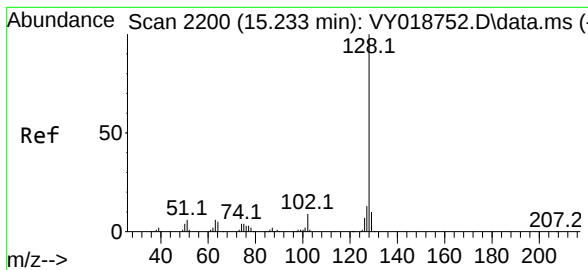
Tgt Ion: 75 Resp: 73540
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#84
1,2,4-Trimethylbenzene
Concen: 1.943 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

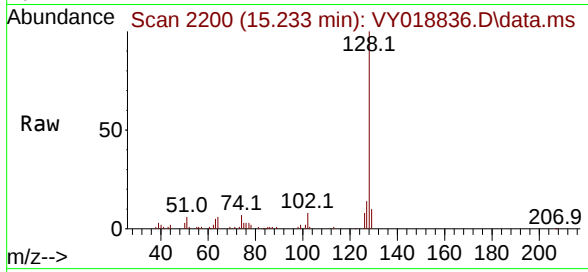
Tgt Ion: 105 Resp: 16558
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#95
Naphthalene
Concen: 4.920 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 21868
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 11.1 8.6 13.0

