

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018367.D
 Acq On : 24 May 2024 15:56
 Operator : SY/MD
 Sample : P2330-22
 Misc : 4.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 H-3(5.0-6.0)

Quant Time: May 25 03:25:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

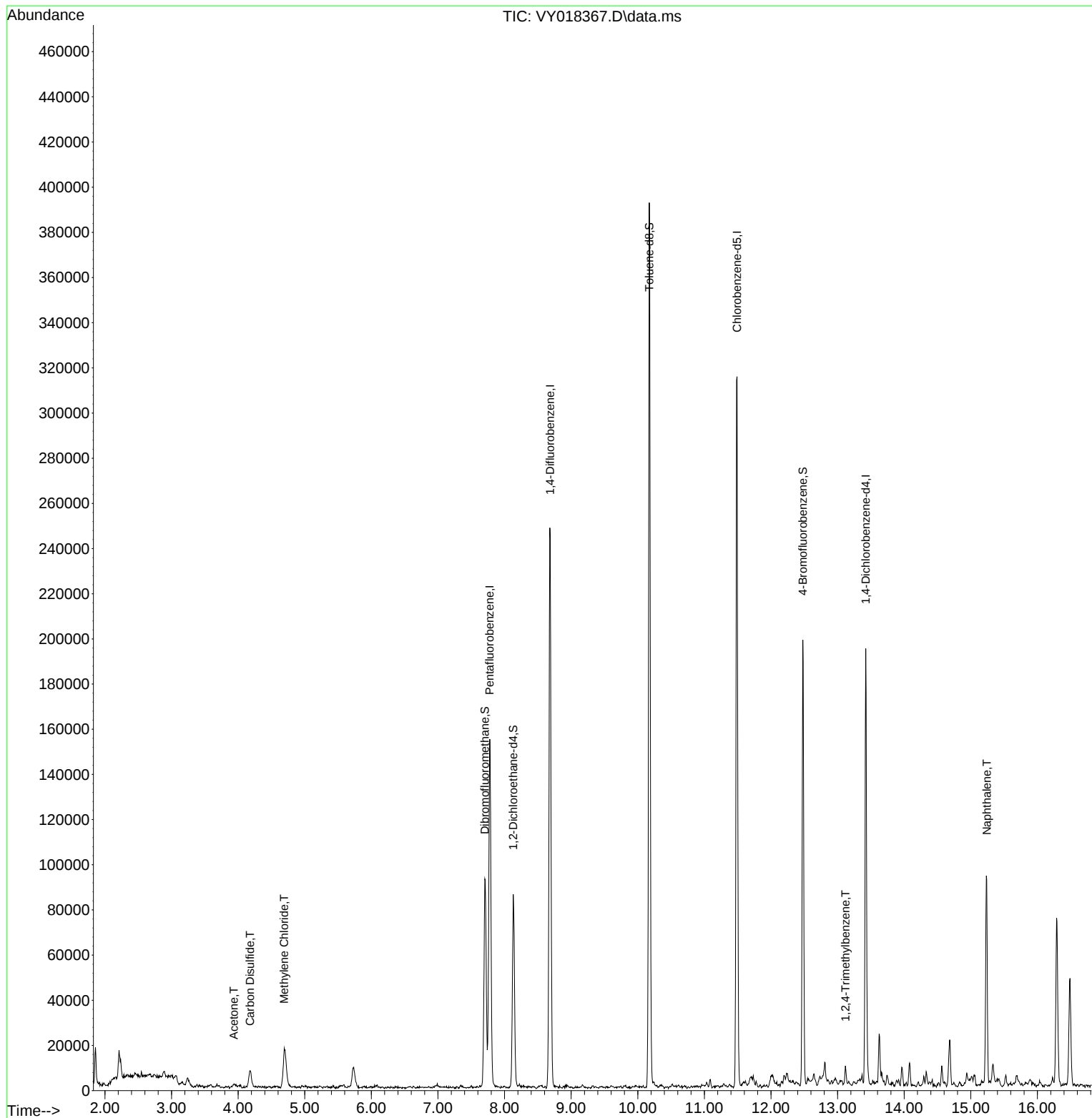
Internal Standards						
1) Pentafluorobenzene	7.777	168	112702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	173918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60574	56.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.460%
35) Dibromofluoromethane	7.704	113	65214	50.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.173	98	248054	49.622	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.477	95	61221	39.635	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.280%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	2649	12.062	ug/l	97
17) Carbon Disulfide	4.180	76	16287	4.891	ug/l	98
20) Methylene Chloride	4.692	84	13635	6.579	ug/l	88
84) 1,2,4-Trimethylbenzene	13.117	105	3796	1.376	ug/l	99
95) Naphthalene	15.239	128	74846	50.023	ug/l	99

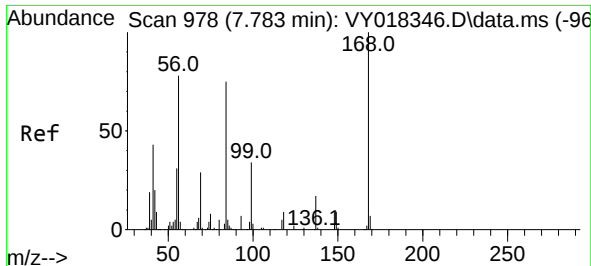
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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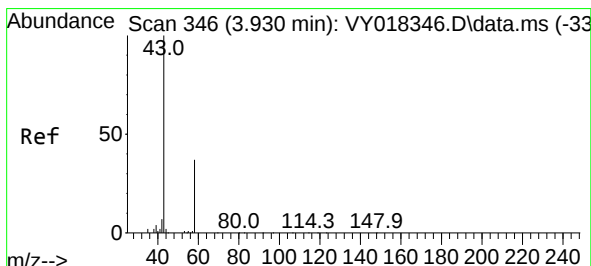
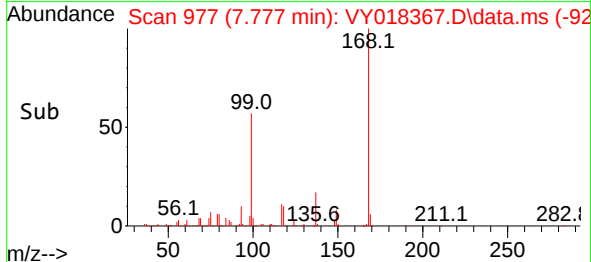
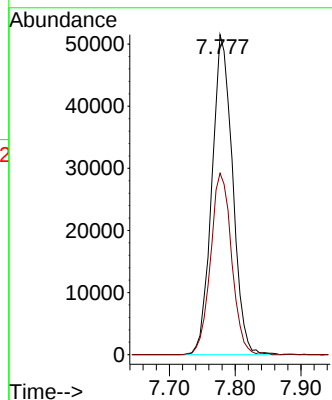
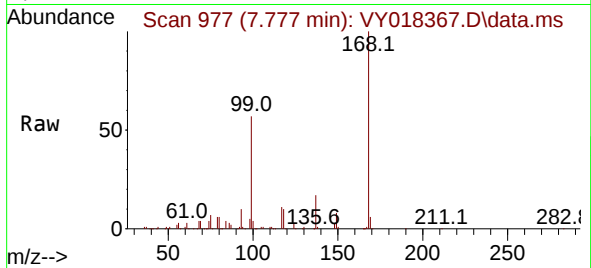




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018367.D
Acq: 24 May 2024 15:56

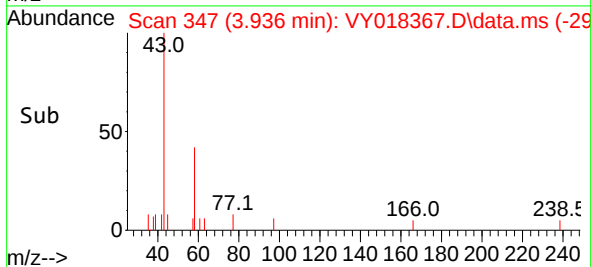
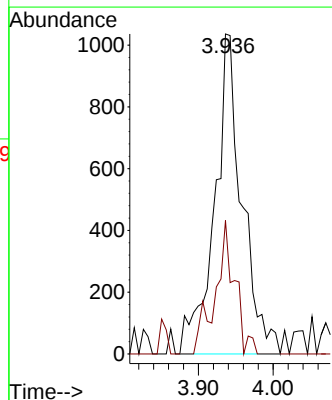
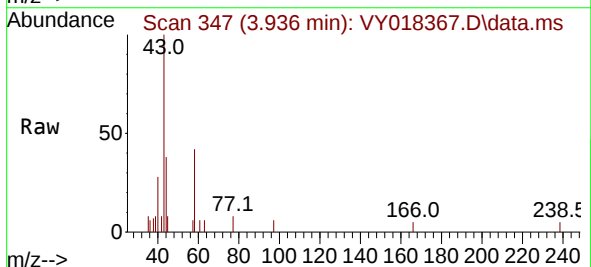
Instrument :
MSVOA_Y
ClientSampleId :
H-3(5.0-6.0)

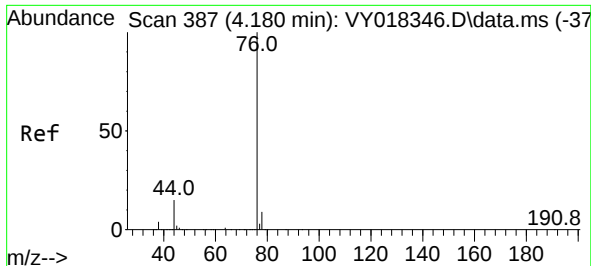
Tgt Ion:168 Resp: 112702
Ion Ratio Lower Upper
168 100
99 56.7 39.1 58.7



#16
Acetone
Concen: 12.062 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018367.D
Acq: 24 May 2024 15:56

Tgt Ion: 43 Resp: 2649
Ion Ratio Lower Upper
43 100
58 41.7 31.7 47.5

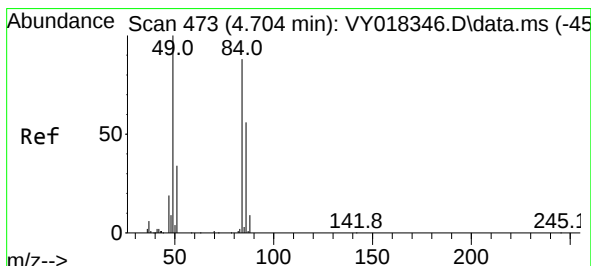
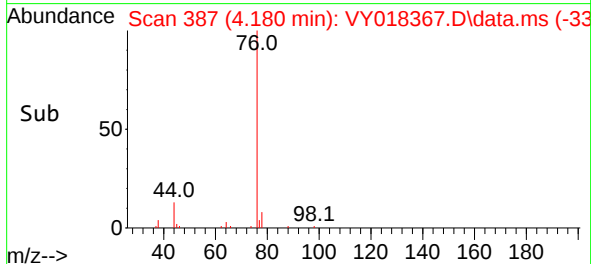
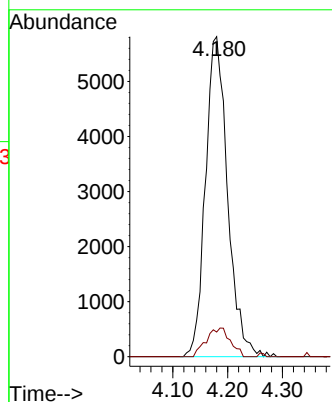
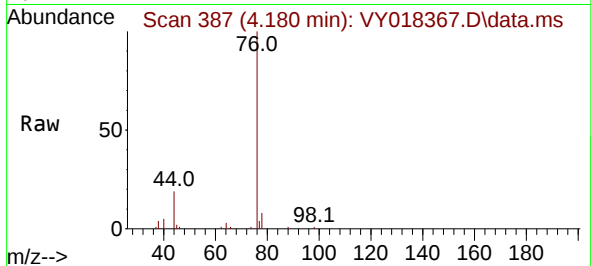




#17
Carbon Disulfide
Concen: 4.891 ug/l
RT: 4.180 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY018367.D
Acq: 24 May 2024 15:56

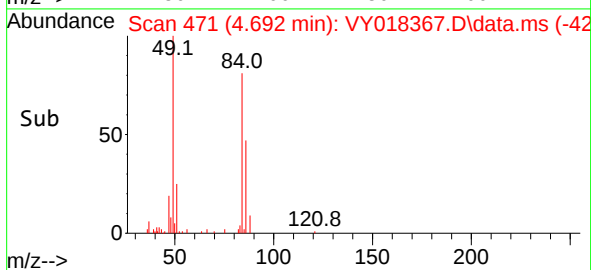
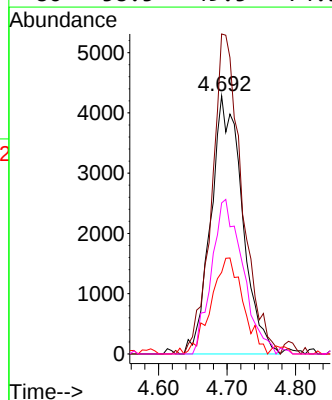
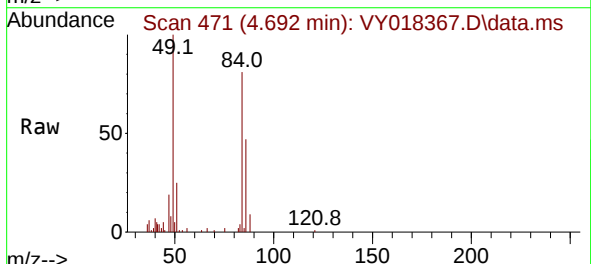
Instrument :
MSVOA_Y
ClientSampleId :
H-3(5.0-6.0)

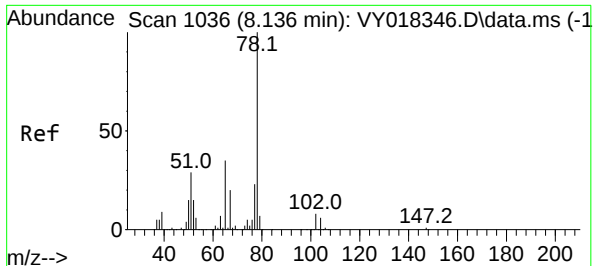
Tgt Ion: 76 Resp: 16287
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#20
Methylene Chloride
Concen: 6.579 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.012 min
Lab File: VY018367.D
Acq: 24 May 2024 15:56

Tgt Ion: 84 Resp: 13635
Ion Ratio Lower Upper
84 100
49 124.0 84.4 126.6
51 29.4 26.0 39.0
86 58.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.730 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018367.D

Acq: 24 May 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

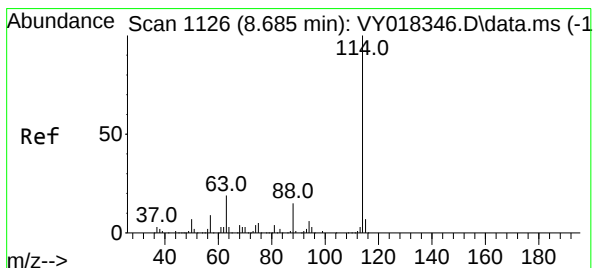
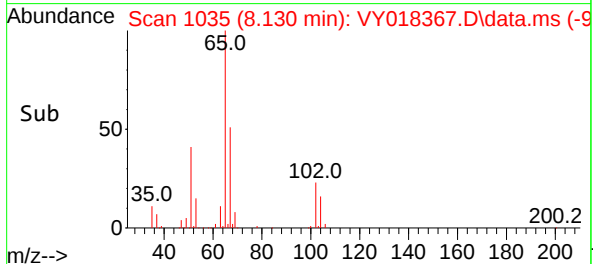
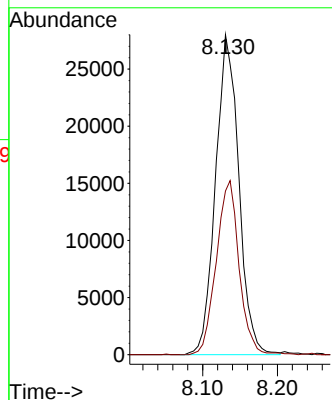
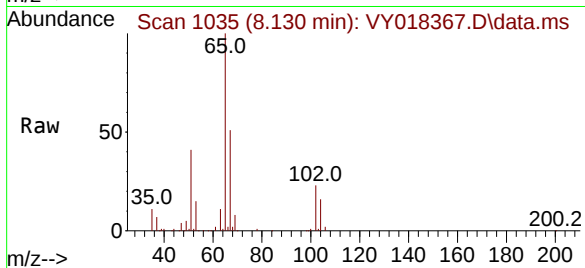
H-3(5.0-6.0)

Tgt Ion: 65 Resp: 60574

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018367.D

Acq: 24 May 2024 15:56

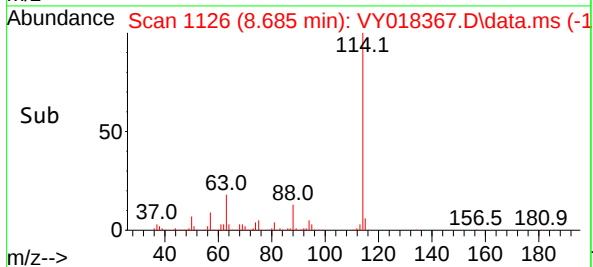
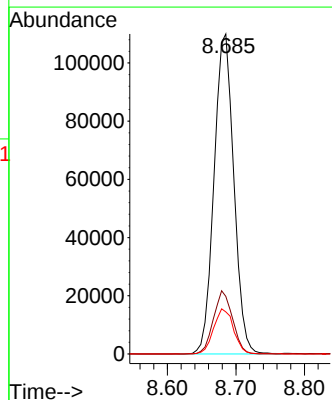
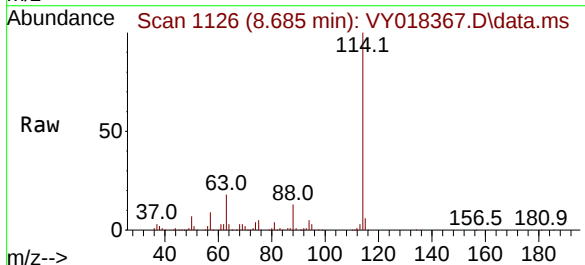
Tgt Ion: 114 Resp: 219866

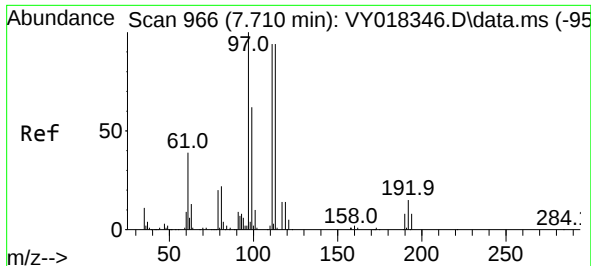
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.1 0.0 27.2

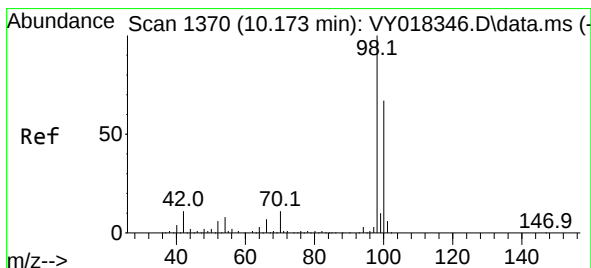
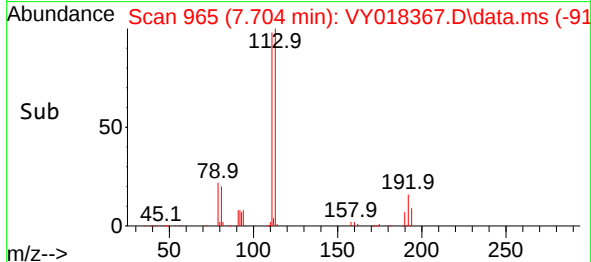
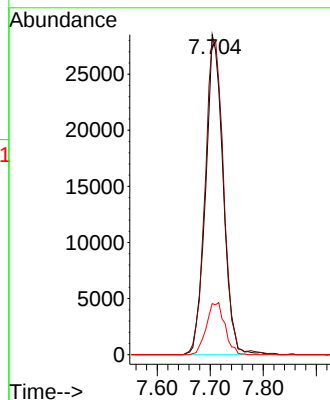
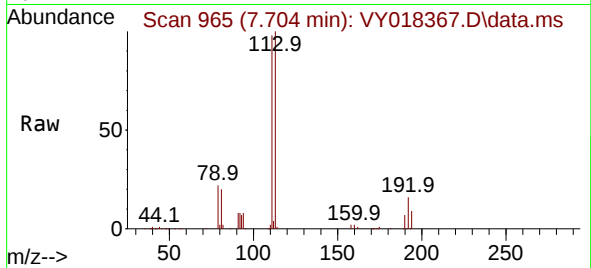




#35
Dibromofluoromethane
Concen: 50.863 ug/l
RT: 7.704 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018367.D
Acq: 24 May 2024 15:56

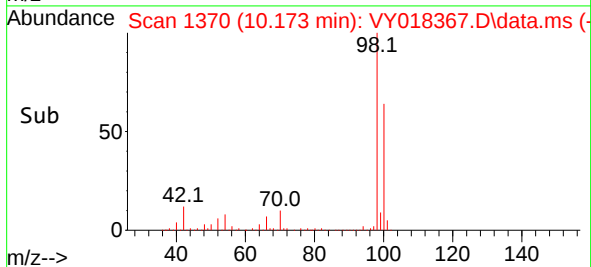
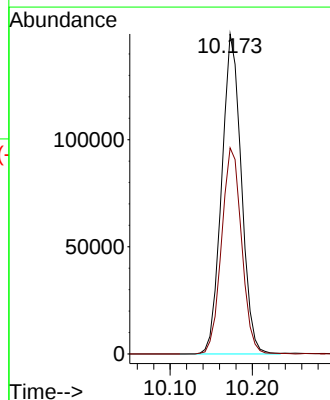
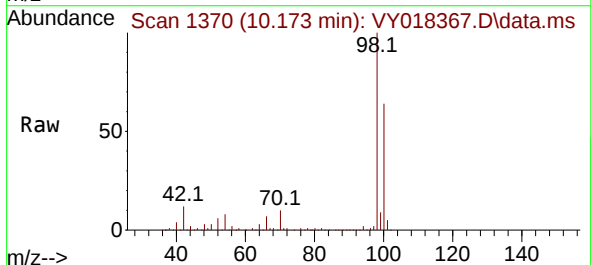
Instrument :
MSVOA_Y
ClientSampleId :
H-3(5.0-6.0)

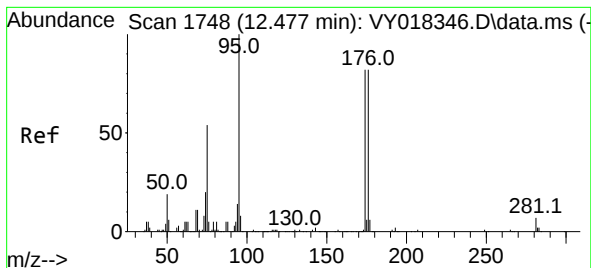
Tgt Ion:113 Resp: 65214
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 17.2 15.9 23.9



#50
Toluene-d8
Concen: 49.622 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018367.D
Acq: 24 May 2024 15:56

Tgt Ion: 98 Resp: 248054
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

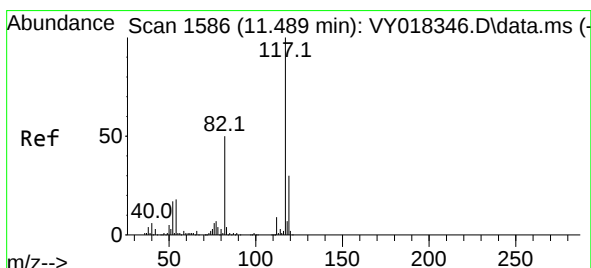
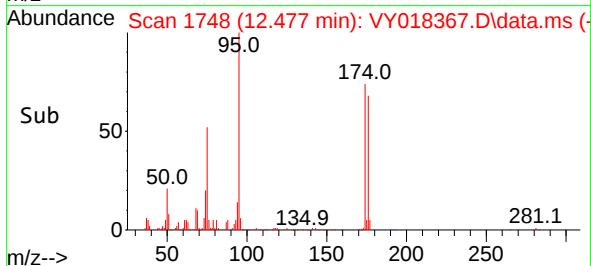
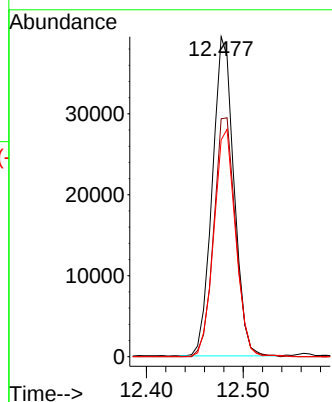
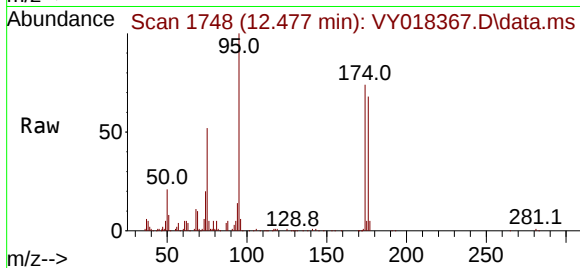




#62
4-Bromofluorobenzene
Concen: 39.635 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018367.D
Acq: 24 May 2024 15:56

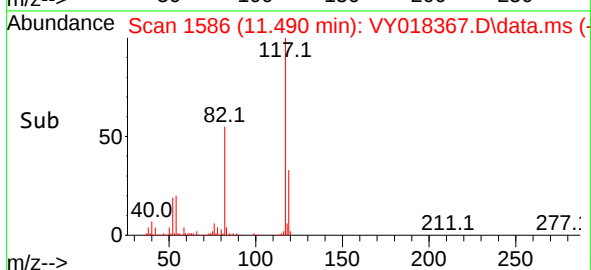
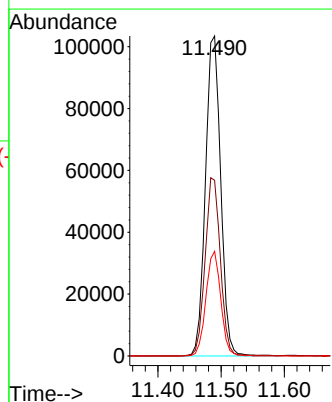
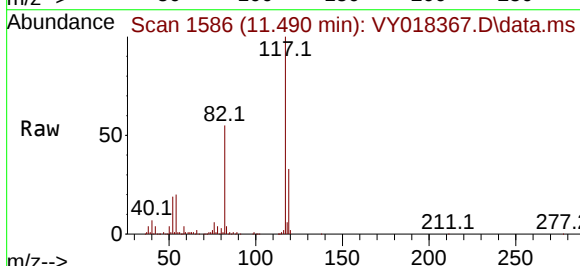
Instrument :
MSVOA_Y
ClientSampleId :
H-3(5.0-6.0)

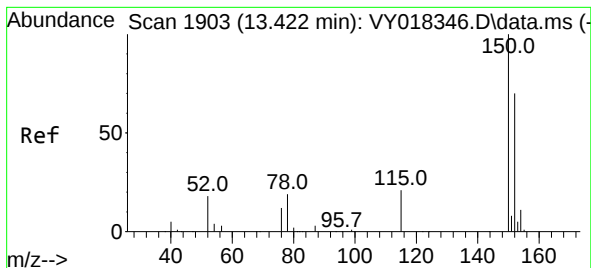
Tgt Ion: 95 Resp: 61221
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 71.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018367.D
Acq: 24 May 2024 15:56

Tgt Ion: 117 Resp: 173918
Ion Ratio Lower Upper
117 100
82 54.9 42.4 63.6
119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018367.D

Acq: 24 May 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

H-3(5.0-6.0)

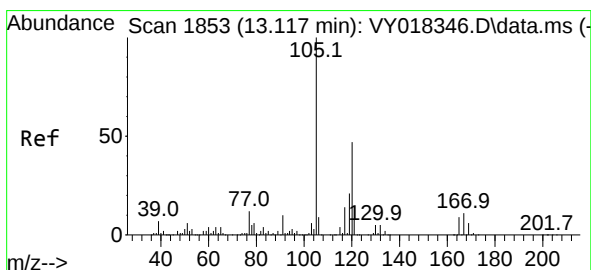
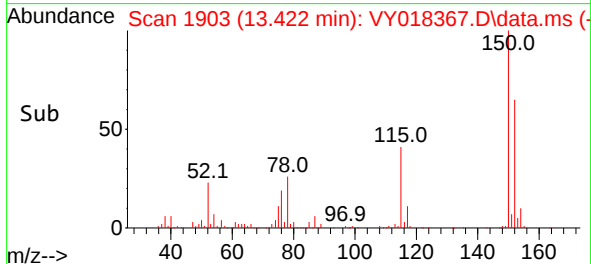
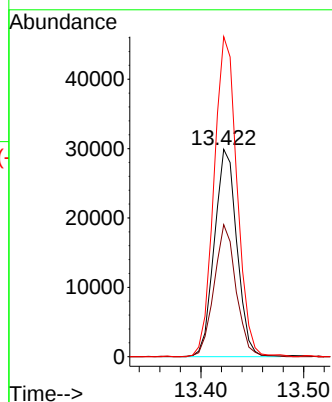
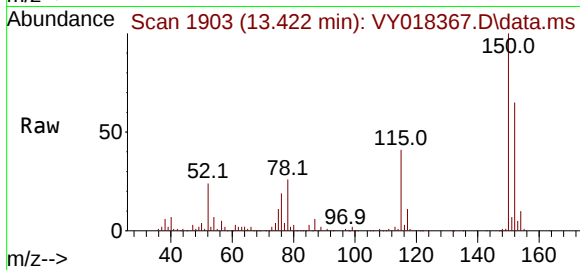
Tgt Ion:152 Resp: 45415

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 157.8 0.0 345.6



#84

1,2,4-Trimethylbenzene

Concen: 1.376 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018367.D

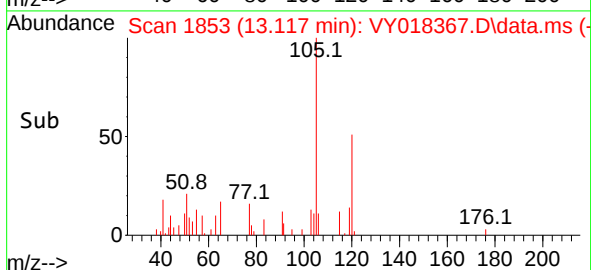
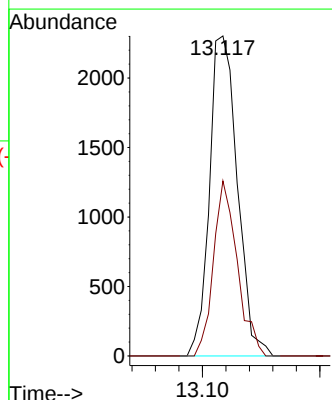
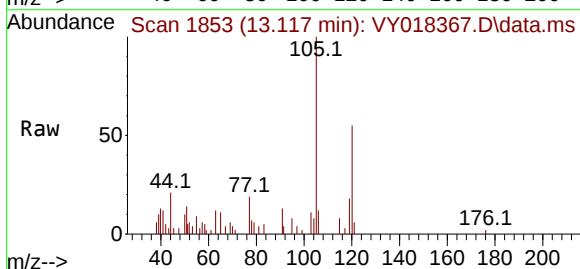
Acq: 24 May 2024 15:56

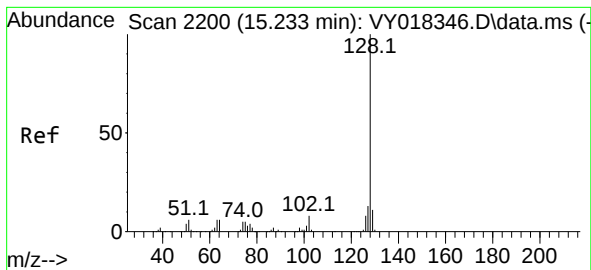
Tgt Ion:105 Resp: 3796

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#95

Naphthalene

Concen: 50.023 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018367.D

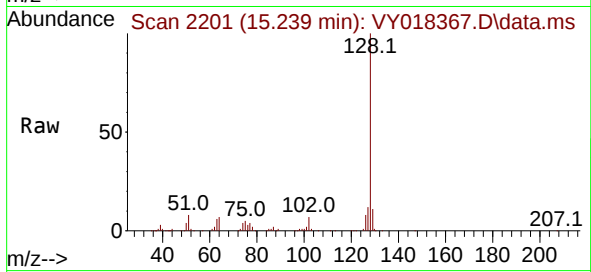
Acq: 24 May 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

H-3(5.0-6.0)



Tgt Ion:128 Resp: 74846

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.3 8.6 13.0

