

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020670.D
 Acq On : 20 Dec 2024 14:57
 Operator : SY/MD
 Sample : P5316-02
 Misc : 4.81g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-2

Quant Time: Dec 20 18:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

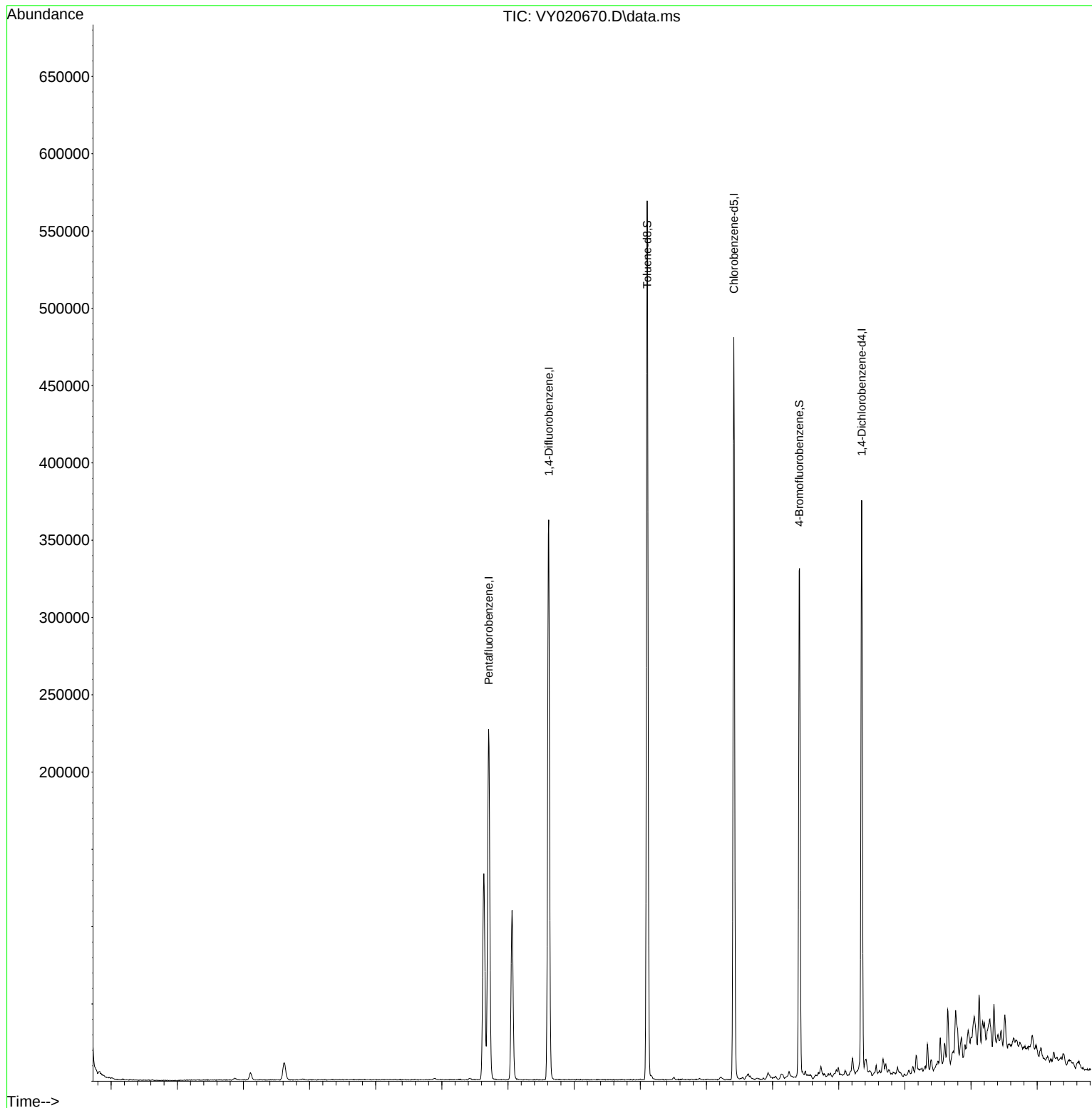
Internal Standards						
1) Pentafluorobenzene	7.707	168	174578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	306694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	92350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	86368	45.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.340%
35) Dibromofluoromethane	7.634	113	94772	43.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.700%
50) Toluene-d8	10.103	98	370910	49.026	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.401	95	103716	35.046	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.100%
Target Compounds						
17) Carbon Disulfide	4.104	76	9216	1.294	ug/l	99
20) Methylene Chloride	4.616	84	8318	3.499	ug/l	93

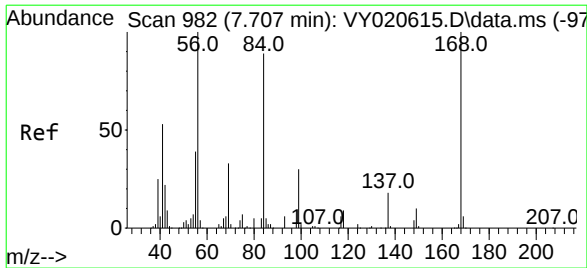
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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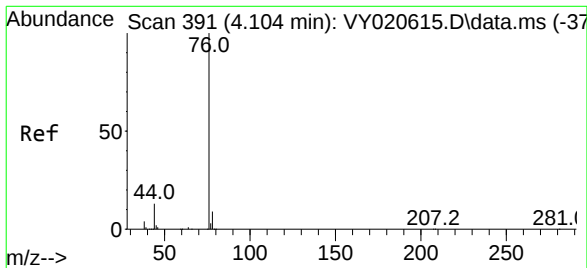
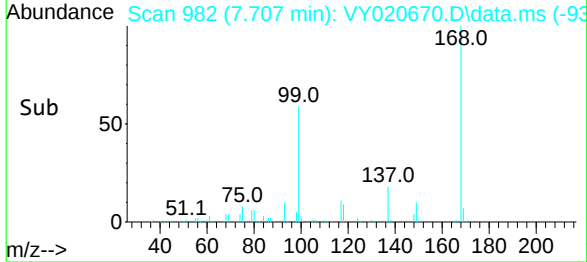
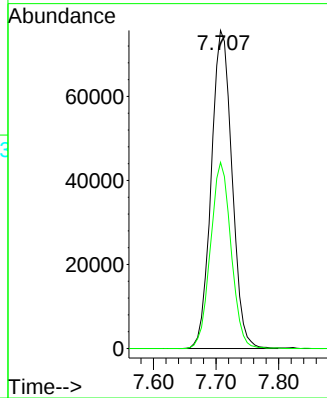
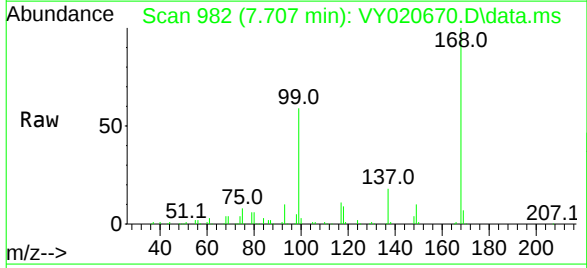




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

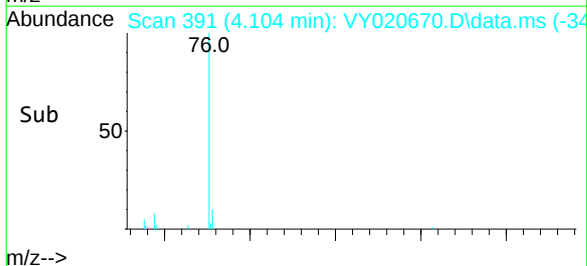
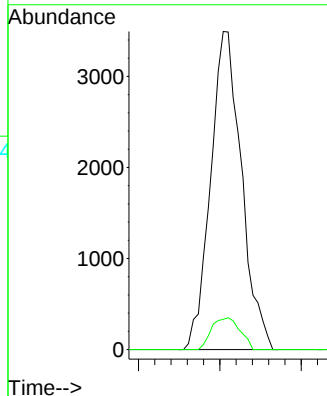
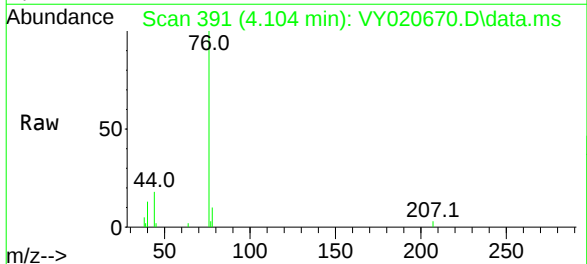
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

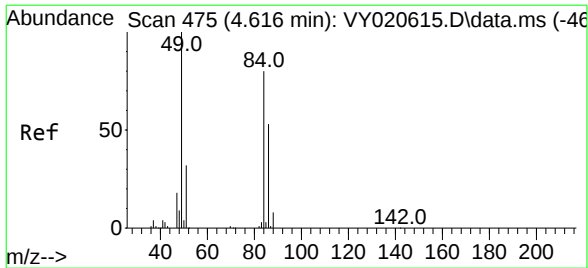
Tgt Ion:168 Resp: 174578
Ion Ratio Lower Upper
168 100
99 58.5 47.0 70.6



#17
Carbon Disulfide
Concen: 1.294 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion: 76 Resp: 9216
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

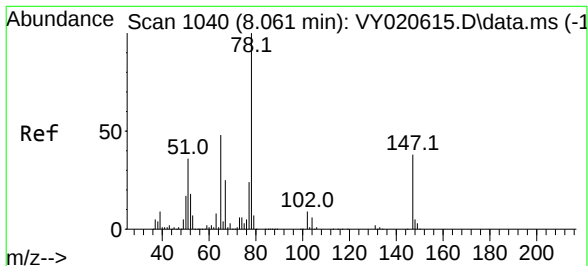
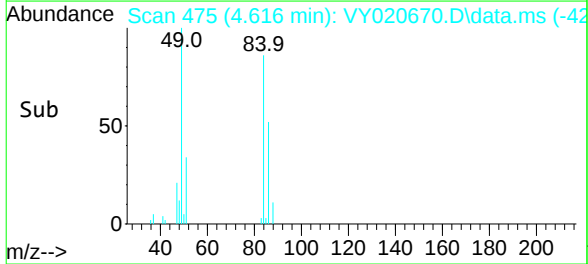
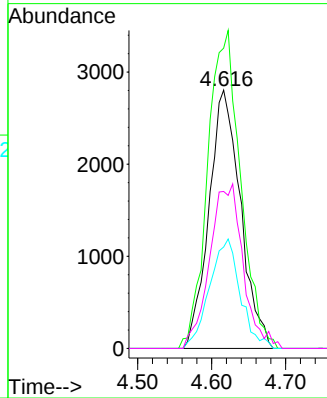
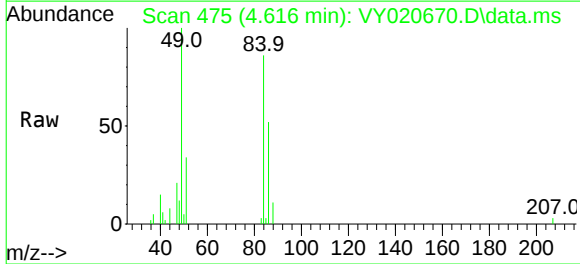




#20
Methylene Chloride
Concen: 3.499 ug/l
RT: 4.616 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

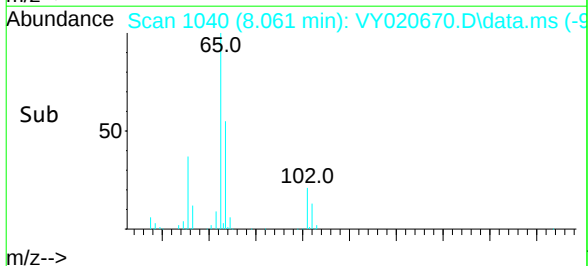
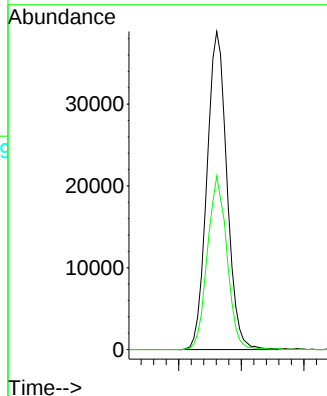
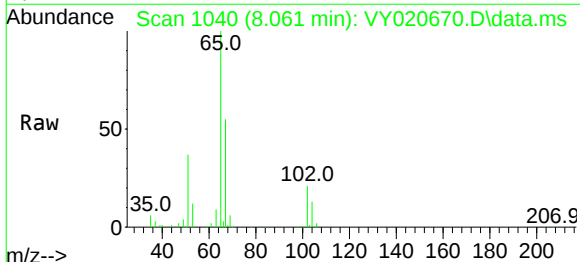
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

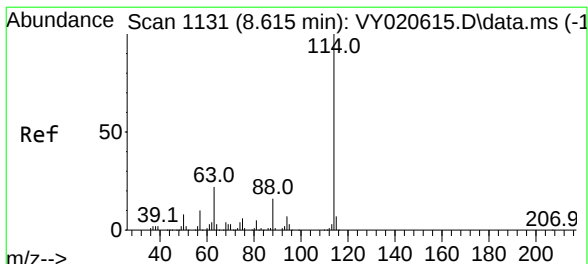
Tgt Ion:	84	Resp:	8318
Ion	Ratio	Lower	Upper
84	100		
49	116.3	100.7	151.1
51	39.3	32.2	48.2
86	60.8	53.0	79.6



#33
1,2-Dichloroethane-d4
Concen: 45.172 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion:	65	Resp:	86368
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.0

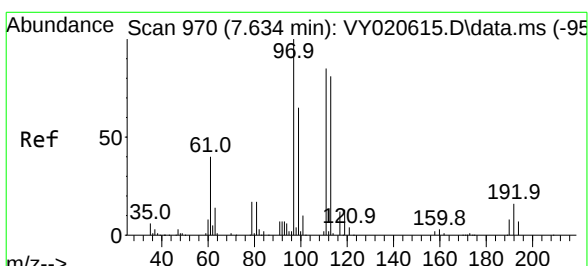
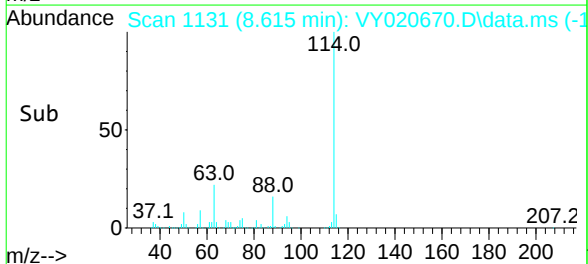
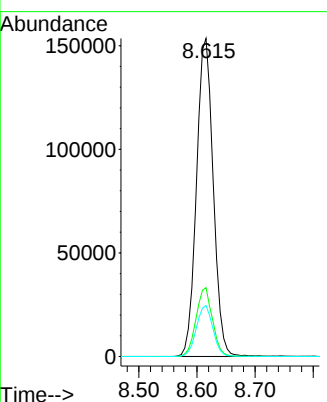
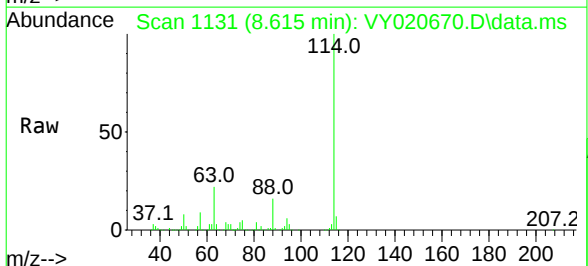




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020670.D
 Acq: 20 Dec 2024 14:57

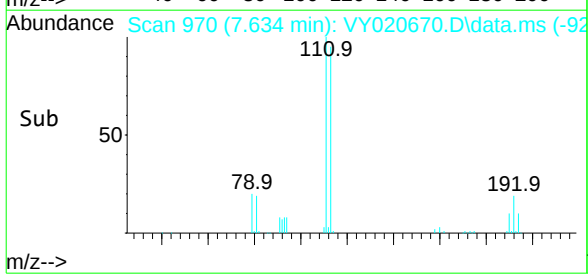
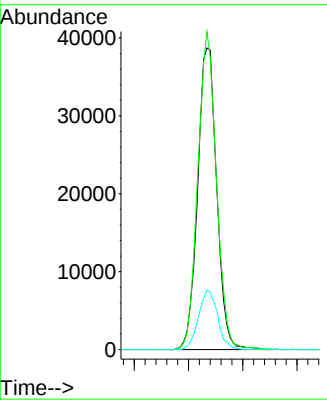
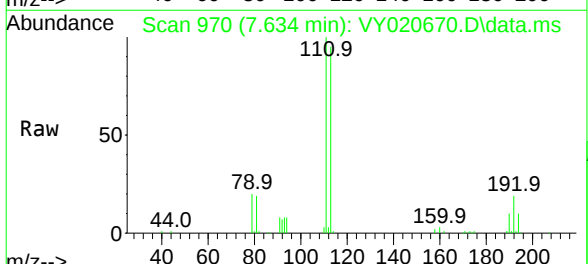
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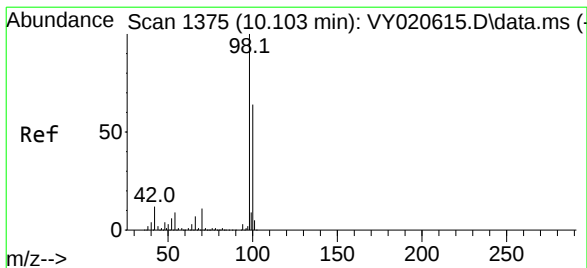
Tgt Ion:	114	Resp:	306694
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.0	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 43.845 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020670.D
 Acq: 20 Dec 2024 14:57

Tgt Ion:	113	Resp:	94772
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	19.7	15.7	23.5





#50

Toluene-d8

Concen: 49.026 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020670.D

Acq: 20 Dec 2024 14:57

Instrument :

MSVOA_Y

ClientSampleId :

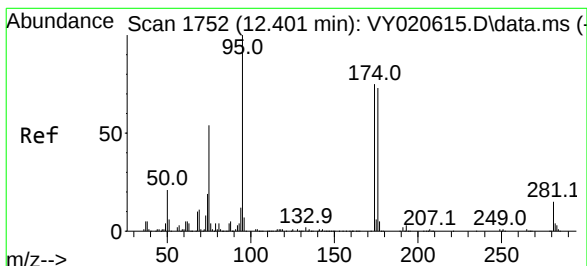
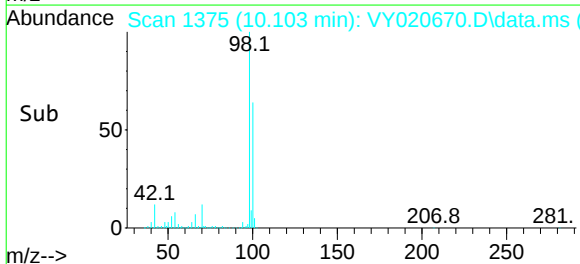
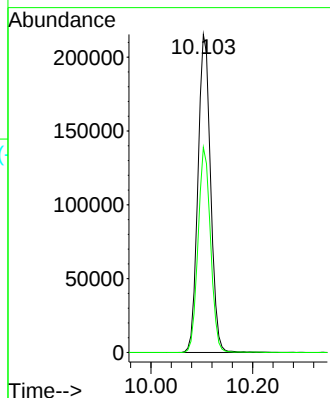
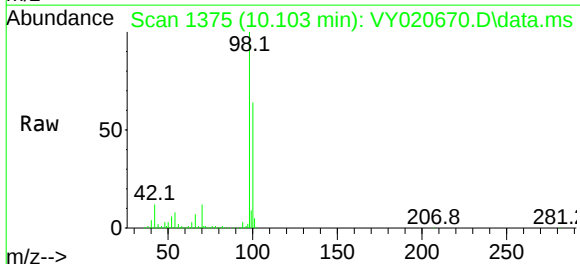
TT-304-IDWSO-20241217-2

Tgt Ion: 98 Resp: 370910

Ion Ratio Lower Upper

98 100

100 63.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 35.046 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020670.D

Acq: 20 Dec 2024 14:57

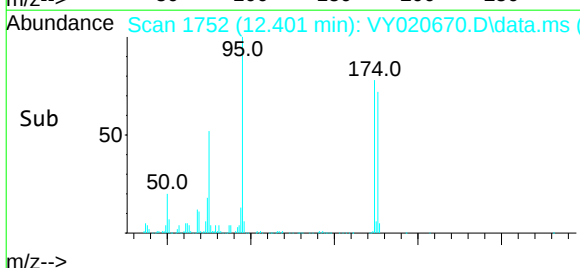
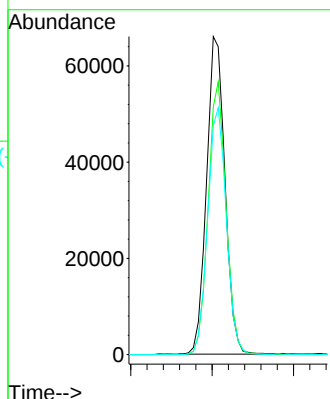
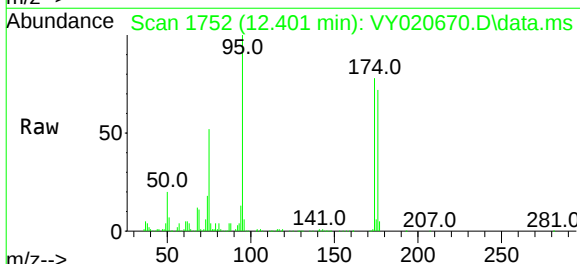
Tgt Ion: 95 Resp: 103716

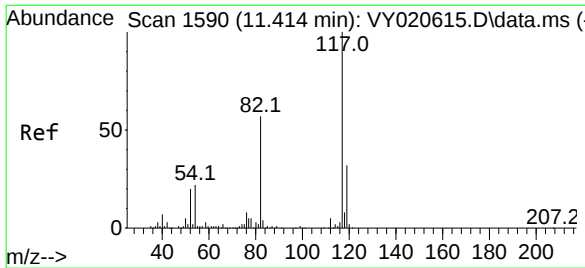
Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.8

176 78.5 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020670.D

Acq: 20 Dec 2024 14:57

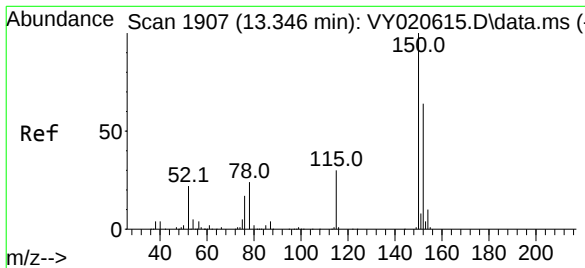
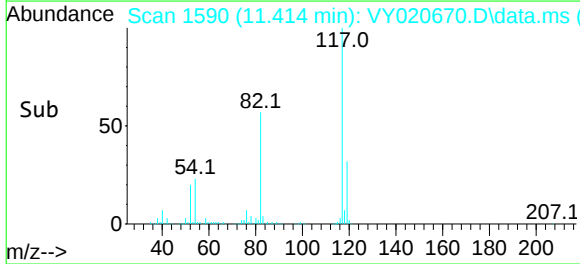
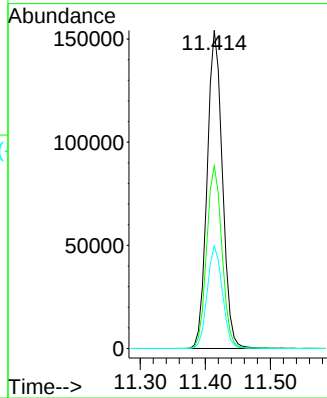
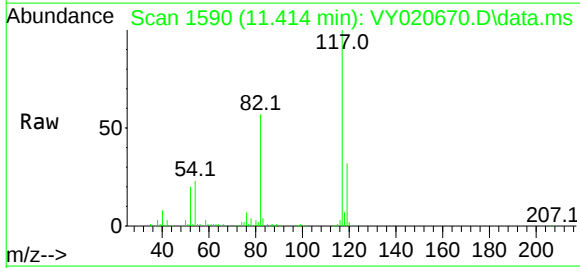
Instrument :

MSVOA_Y

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Tgt Ion:	117	Resp:	251459
Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.8	68.6
119	32.3	25.3	37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020670.D

Acq: 20 Dec 2024 14:57

Tgt Ion:	152	Resp:	92350
Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.2	90.6
150	156.7	0.0	355.4

