

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018764.D
 Acq On : 10 Jul 2024 13:31
 Operator : SY/MD
 Sample : P3181-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-070924

Quant Time: Jul 11 02:23:26 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)

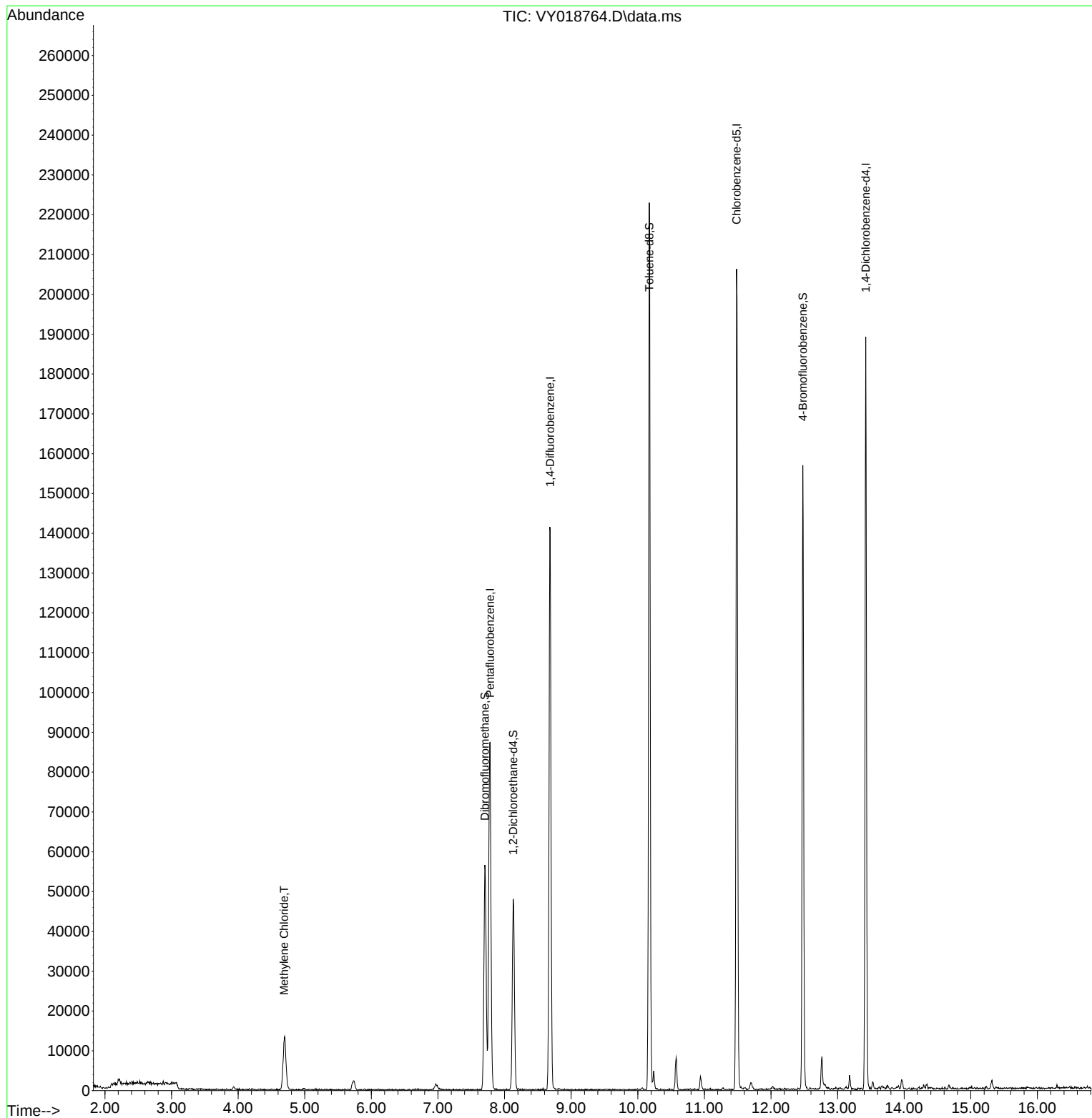
Internal Standards						
1) Pentafluorobenzene	7.783	168	69504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	123865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	113776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36988	54.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.160%	
35) Dibromofluoromethane	7.704	113	39153	50.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.940%	
50) Toluene-d8	10.173	98	139558	47.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.960%	
62) 4-Bromofluorobenzene	12.477	95	46343	46.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.340%	
Target Compounds						Qvalue
20) Methylene Chloride	4.692	84	10321	10.535	ug/l	96

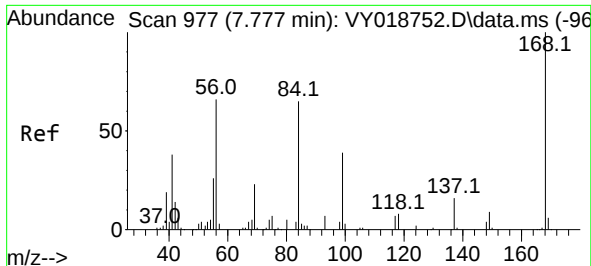
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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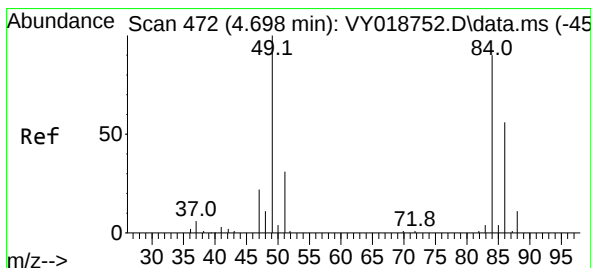
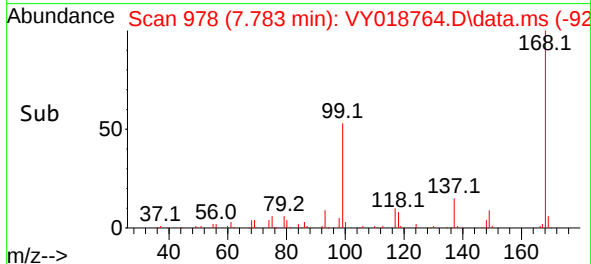
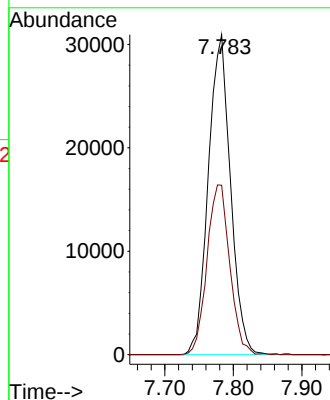
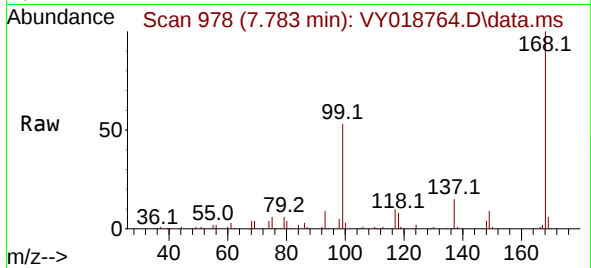




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

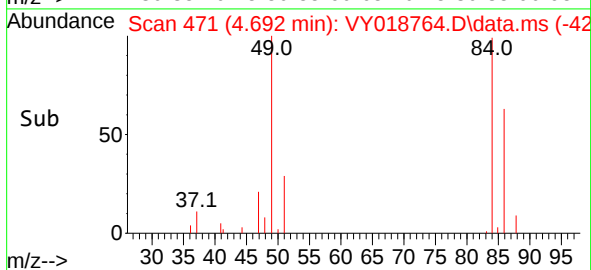
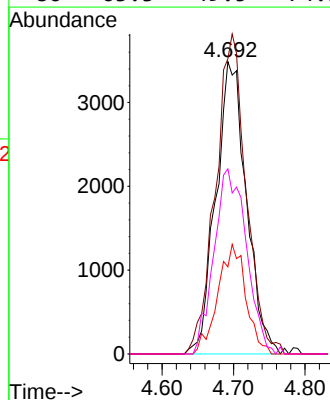
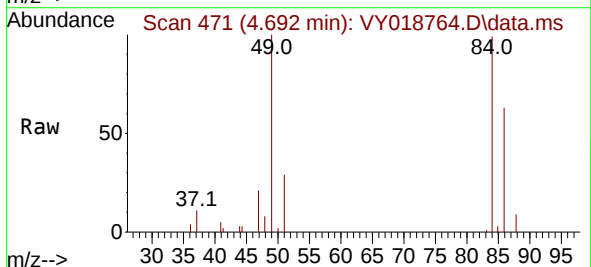
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-070924

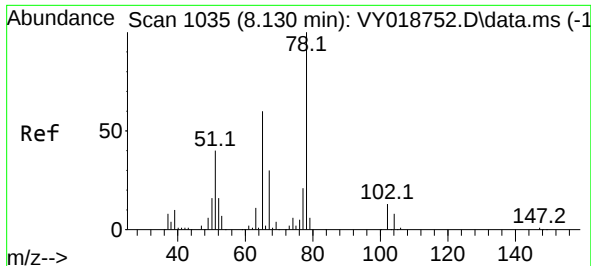
Tgt Ion:168 Resp: 69504
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#20
Methylene Chloride
Concen: 10.535 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Tgt Ion: 84 Resp: 10321
Ion Ratio Lower Upper
84 100
49 101.0 84.4 126.6
51 29.8 26.0 39.0
86 63.3 49.5 74.3

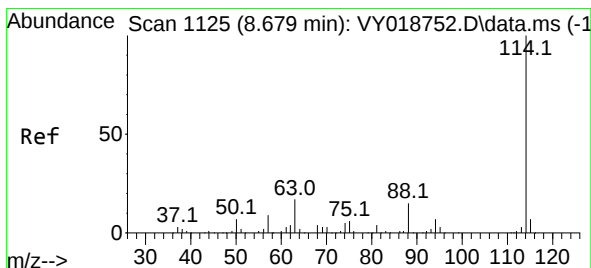
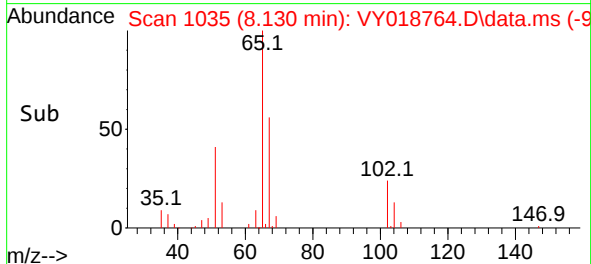
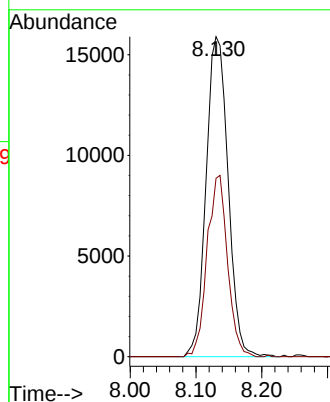
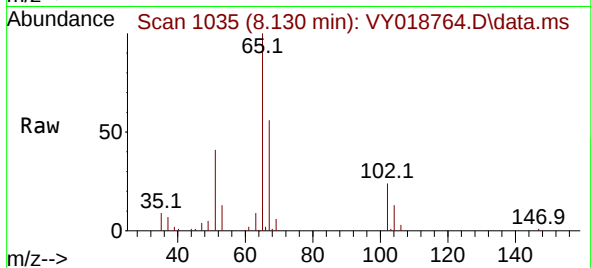




#33
 1,2-Dichloroethane-d4
 Concen: 54.081 ug/l
 RT: 8.130 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VY018764.D
 Acq: 10 Jul 2024 13:31

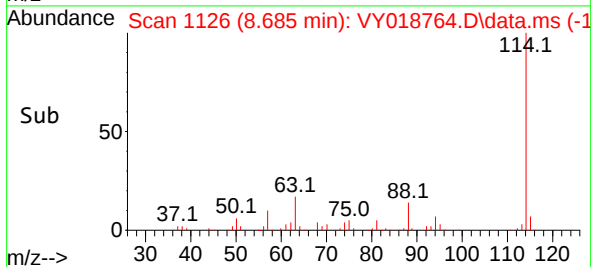
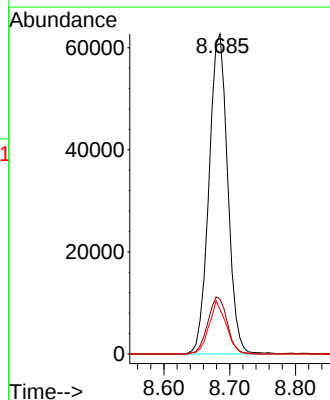
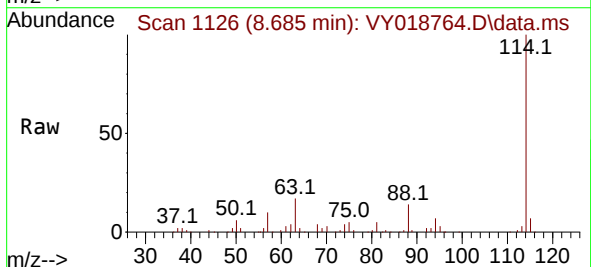
Instrument :
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 ClientSampleId :
 OR-02-070924

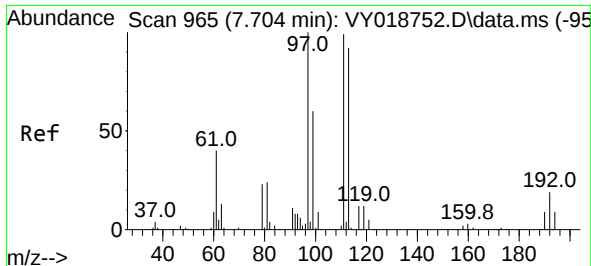
Tgt Ion: 65 Resp: 36988
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY018764.D
 Acq: 10 Jul 2024 13:31

Tgt Ion: 114 Resp: 123865
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.0
 88 13.8 0.0 27.2

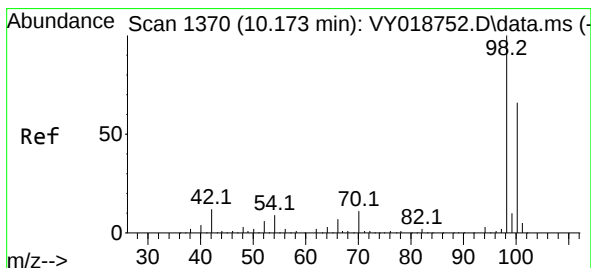
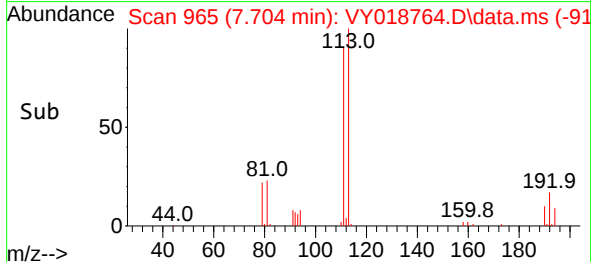
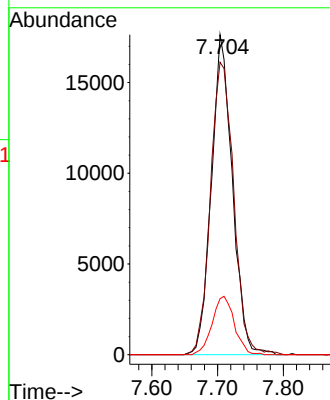
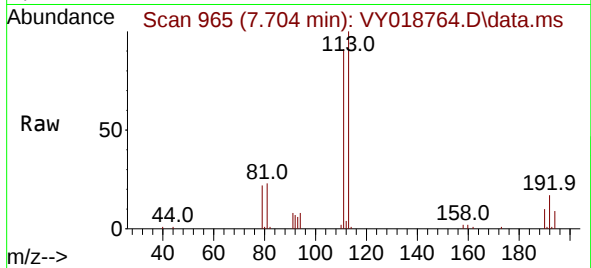




#35
Dibromofluoromethane
Concen: 50.468 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

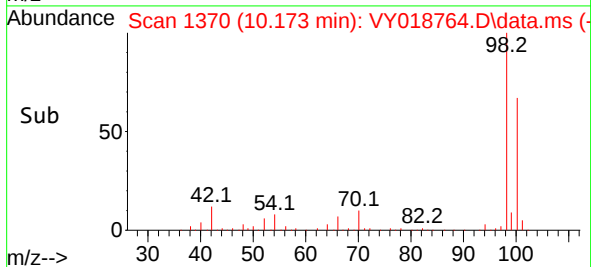
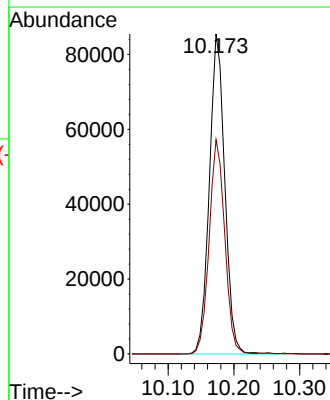
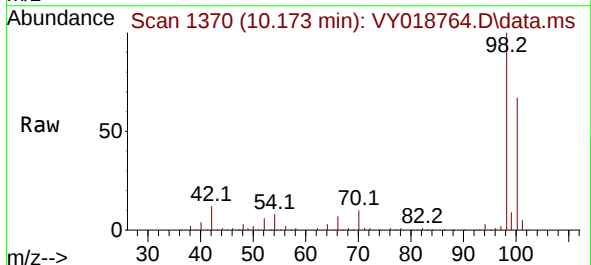
Instrument :
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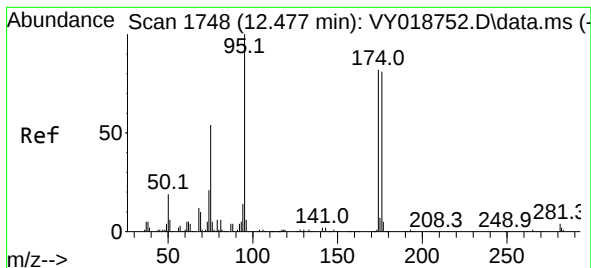
Tgt Ion:113 Resp: 39153
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 19.2 15.9 23.9



#50
Toluene-d8
Concen: 47.482 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Tgt Ion: 98 Resp: 139558
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0

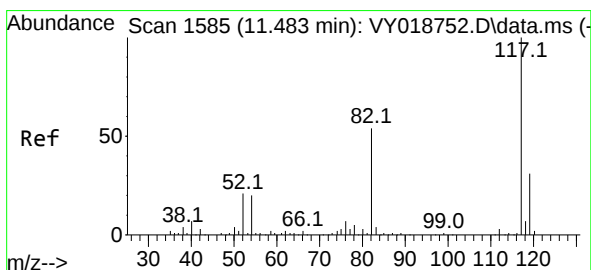
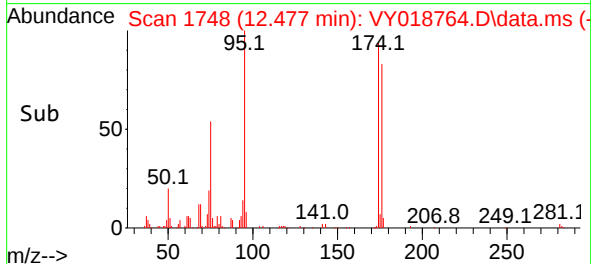
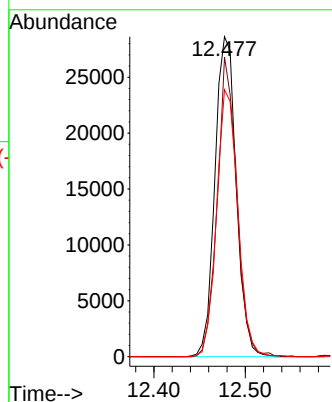
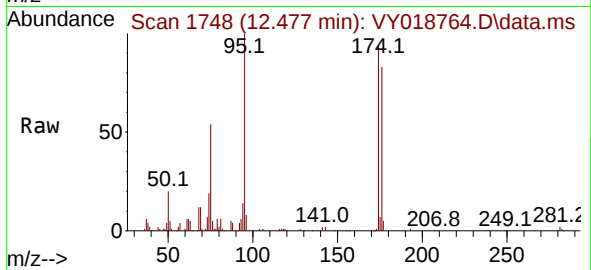




#62
4-Bromofluorobenzene
Concen: 46.171 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

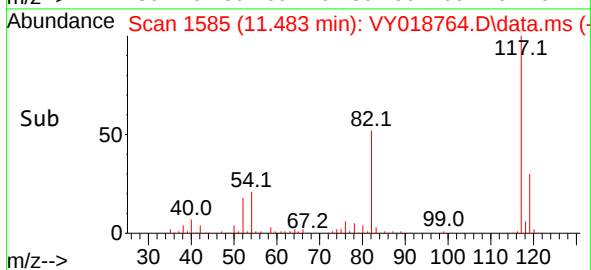
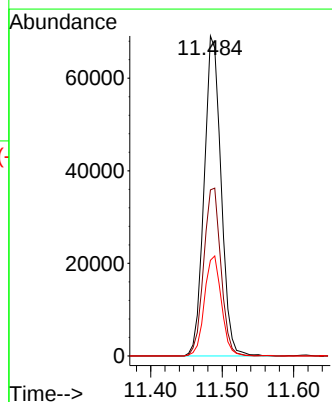
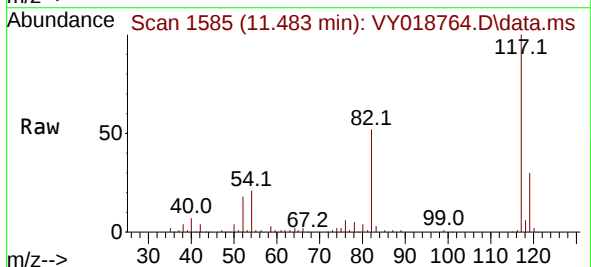
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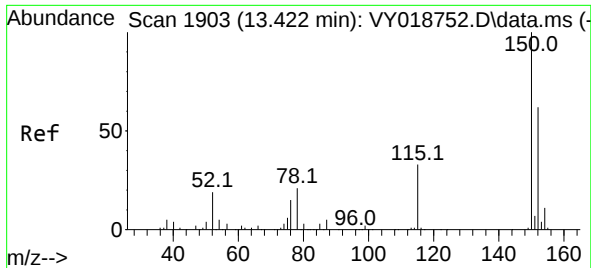
Tgt Ion: 95 Resp: 46343
Ion Ratio Lower Upper
95 100
174 85.7 0.0 175.6
176 83.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

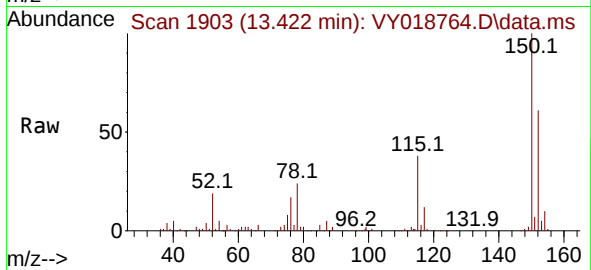
Tgt Ion: 117 Resp: 113776
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 29.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018764.D
 Acq: 10 Jul 2024 13:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-070924



Tgt Ion:152 Resp: 46659
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 155.8 0.0 345.6

