

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021357.D
 Acq On : 27 Feb 2025 14:48
 Operator : SY/MD
 Sample : Q1422-01
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-154-SB01

Quant Time: Feb 28 00:42:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

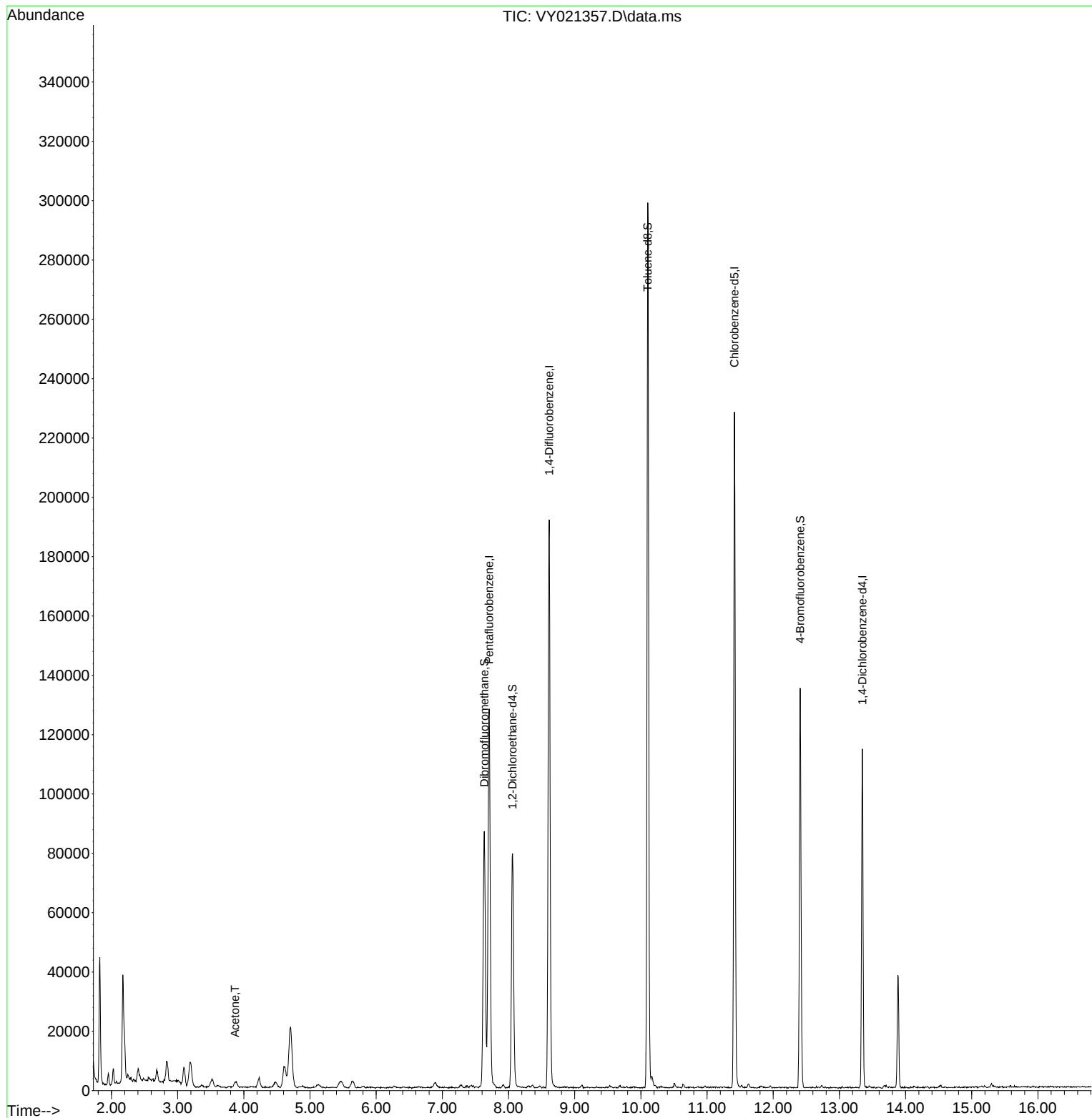
Internal Standards						
1) Pentafluorobenzene	7.707	168	96952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	160918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	115865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	27807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	63167	57.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.860%
35) Dibromofluoromethane	7.634	113	58988	55.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.820%
50) Toluene-d8	10.103	98	191349	46.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.408	95	35465	25.846	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.700%
Target Compounds						
16) Acetone	3.866	43	3021	14.319	ug/l	Qvalue 97

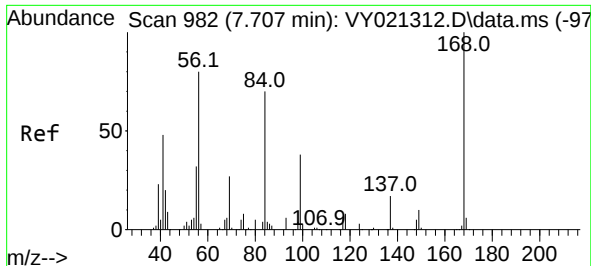
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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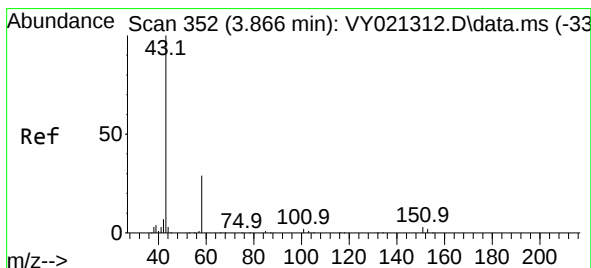
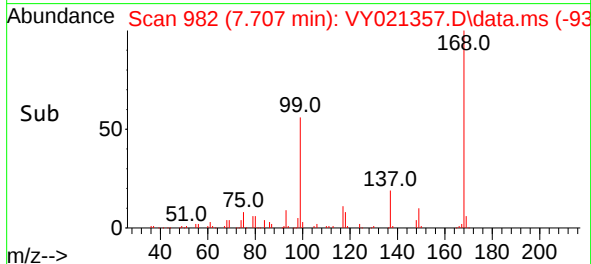
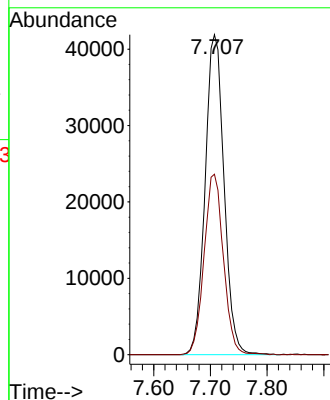
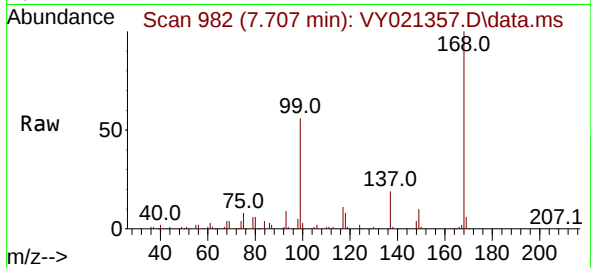




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021357.D
Acq: 27 Feb 2025 14:48

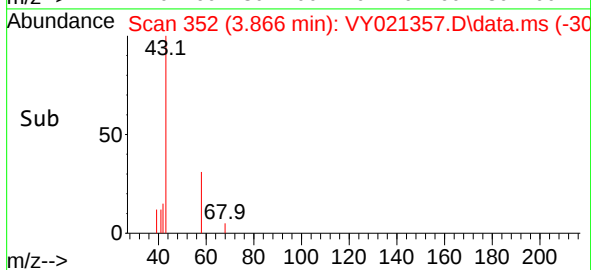
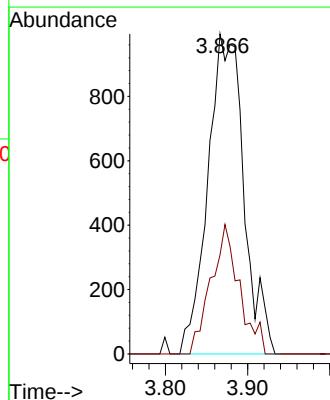
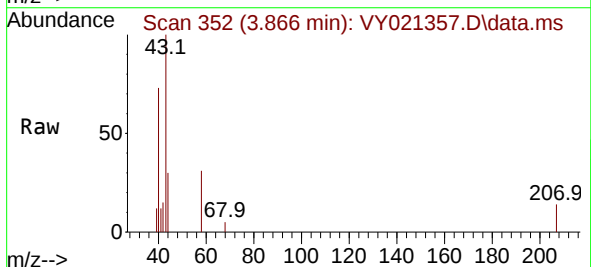
Instrument :
MSVOA_Y
ClientSampleId :
B-154-SB01

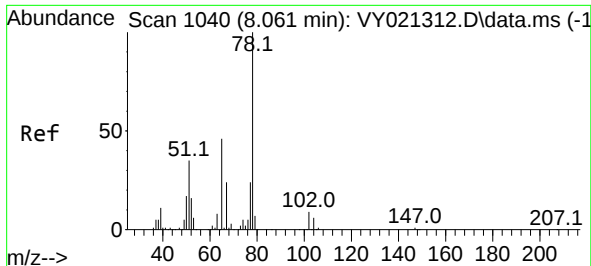
Tgt Ion:168 Resp: 96952
Ion Ratio Lower Upper
168 100
99 56.4 47.1 70.7



#16
Acetone
Concen: 14.319 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021357.D
Acq: 27 Feb 2025 14:48

Tgt Ion: 43 Resp: 3021
Ion Ratio Lower Upper
43 100
58 31.0 23.5 35.3

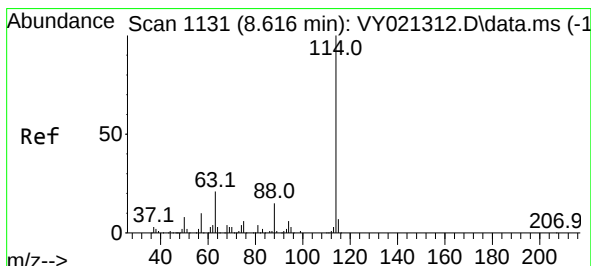
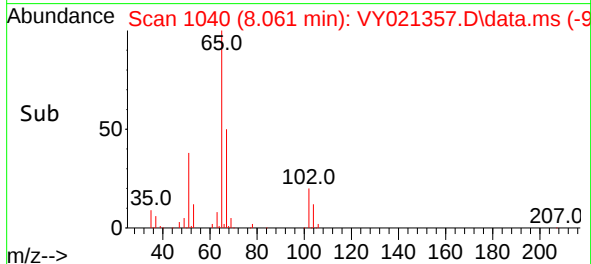
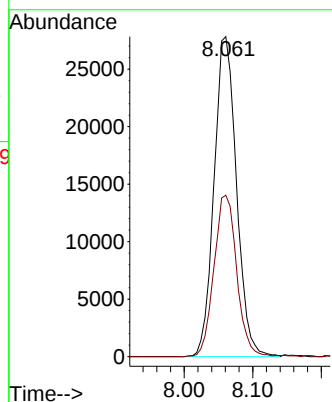
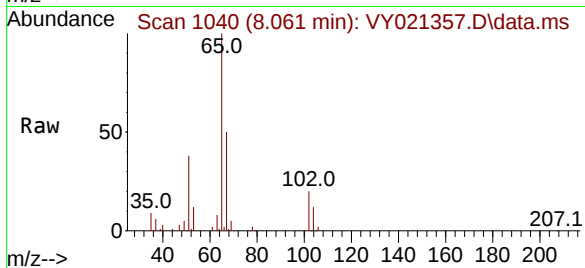




#33
 1,2-Dichloroethane-d4
 Concen: 57.433 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY021357.D
 Acq: 27 Feb 2025 14:48

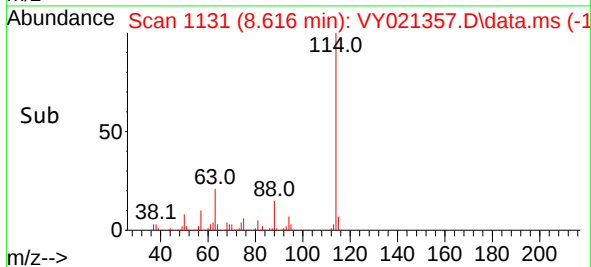
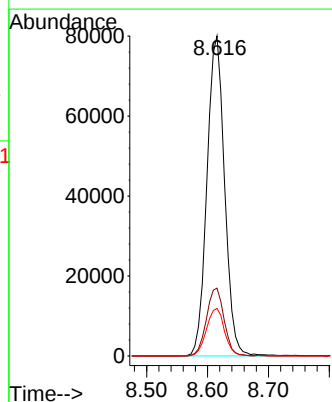
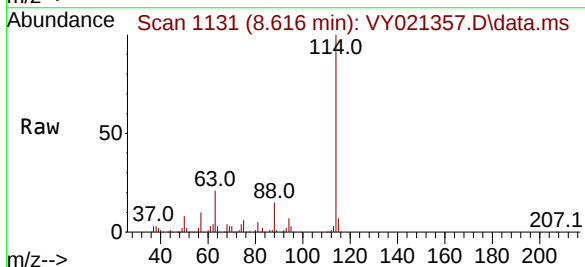
Instrument :
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 B-154-SB01

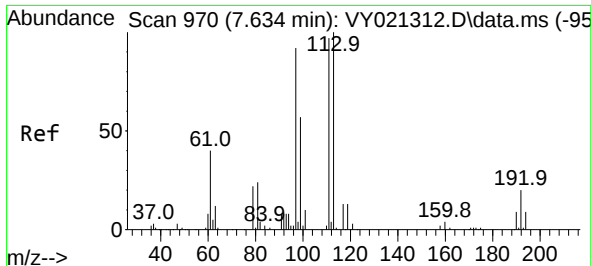
Tgt Ion: 65 Resp: 63167
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021357.D
 Acq: 27 Feb 2025 14:48

Tgt Ion: 114 Resp: 160918
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.2
 88 14.9 0.0 29.8

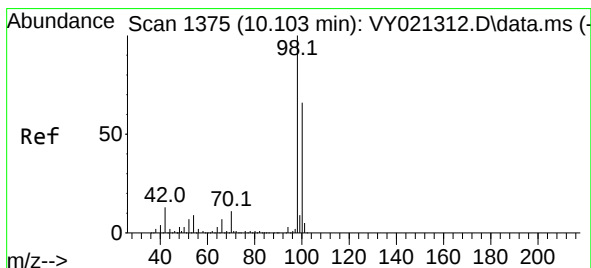
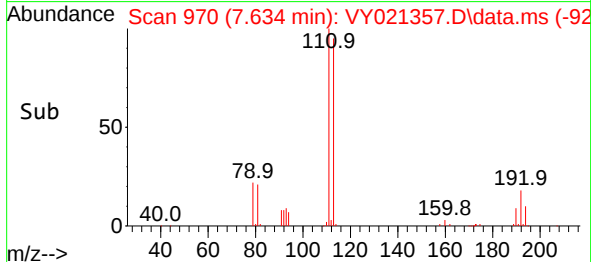
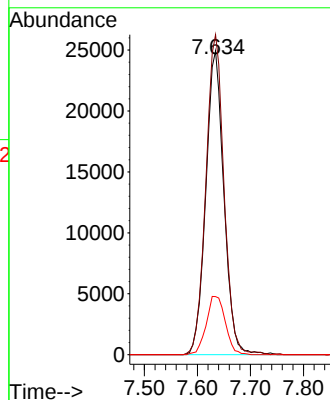
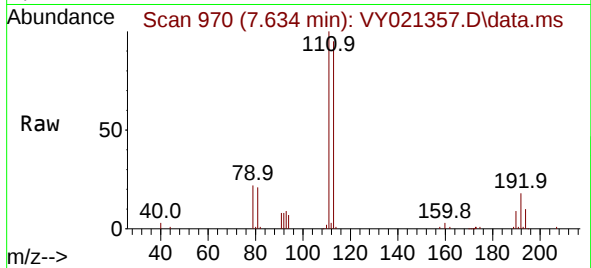




#35
Dibromofluoromethane
Concen: 55.913 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021357.D
Acq: 27 Feb 2025 14:48

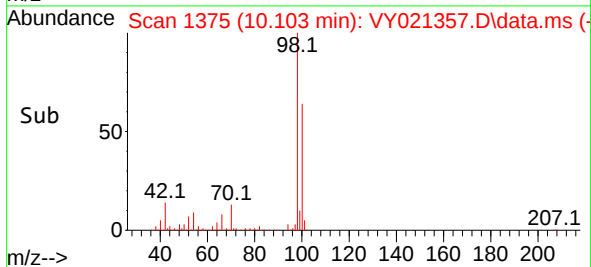
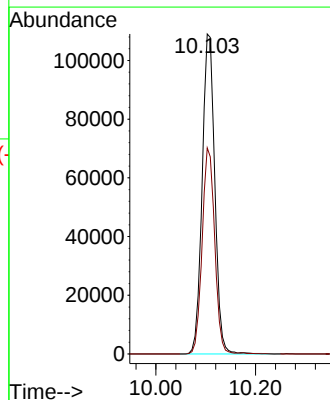
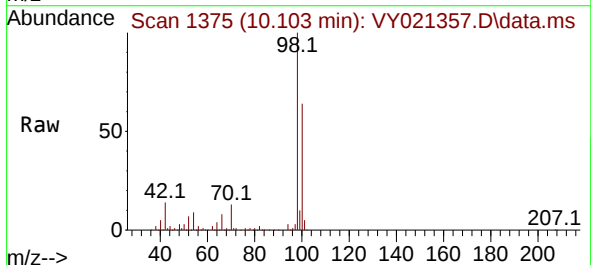
Instrument :
MSVOA_Y
ClientSampleId :
B-154-SB01

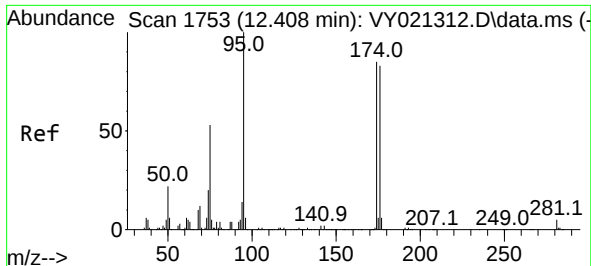
Tgt Ion:113 Resp: 58988
Ion Ratio Lower Upper
113 100
111 105.7 81.0 121.6
192 20.3 15.8 23.8



#50
Toluene-d8
Concen: 46.931 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021357.D
Acq: 27 Feb 2025 14:48

Tgt Ion: 98 Resp: 191349
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6

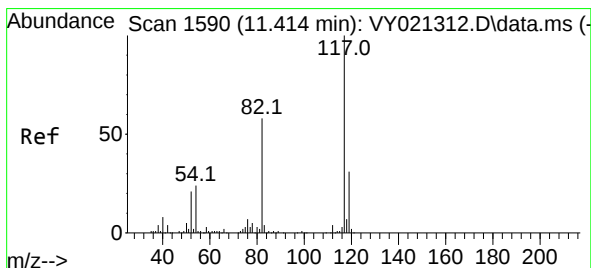
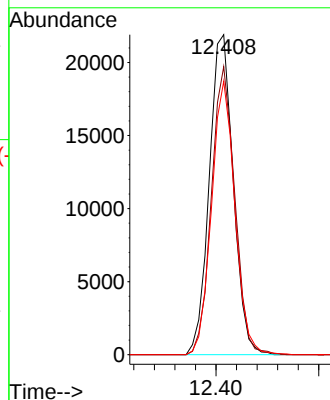
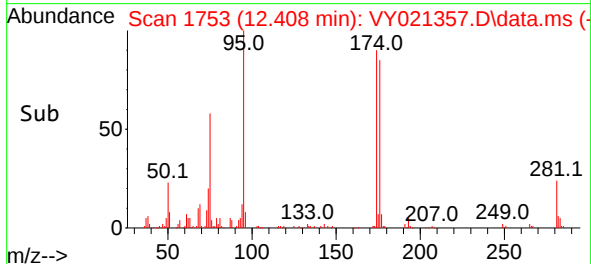
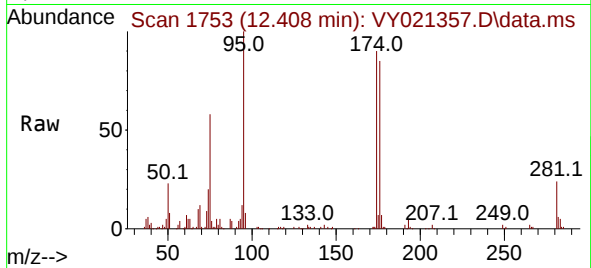




#62
4-Bromofluorobenzene
Concen: 25.846 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021357.D
Acq: 27 Feb 2025 14:48

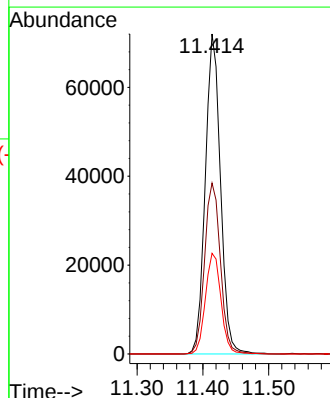
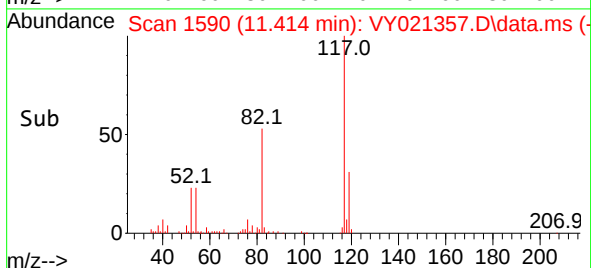
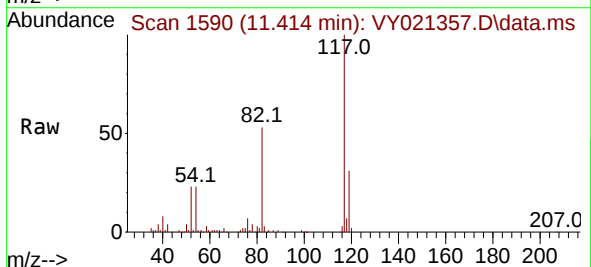
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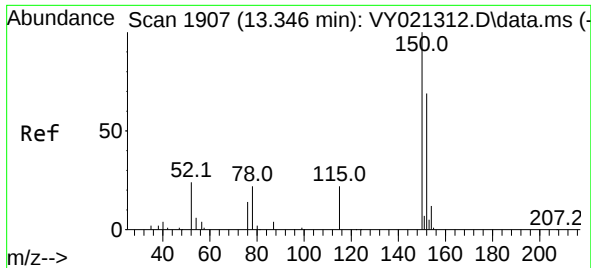
Tgt Ion:	95	Resp:	35465
Ion Ratio	Lower	Upper	
95	100		
174	87.4	0.0	168.0
176	83.2	0.0	162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021357.D
Acq: 27 Feb 2025 14:48

Tgt Ion:	117	Resp:	115865
Ion Ratio	Lower	Upper	
117	100		
82	53.4	46.2	69.4
119	31.5	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021357.D

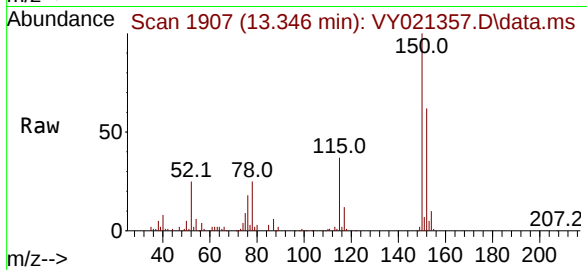
Acq: 27 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

B-154-SB01



Tgt Ion:152 Resp: 27807

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

150 156.4 0.0 347.4

