

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022064.D
 Acq On : 29 Apr 2025 18:14
 Operator : SY/MD
 Sample : Q1883-01
 Misc : 11.64g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 OU4-PCS-TC-27-042325

Quant Time: Apr 30 01:35:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	271766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	515307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	469079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	138737	55.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.634	113	178302	52.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.103	98	624590	48.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.401	95	222766	51.559	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.120%

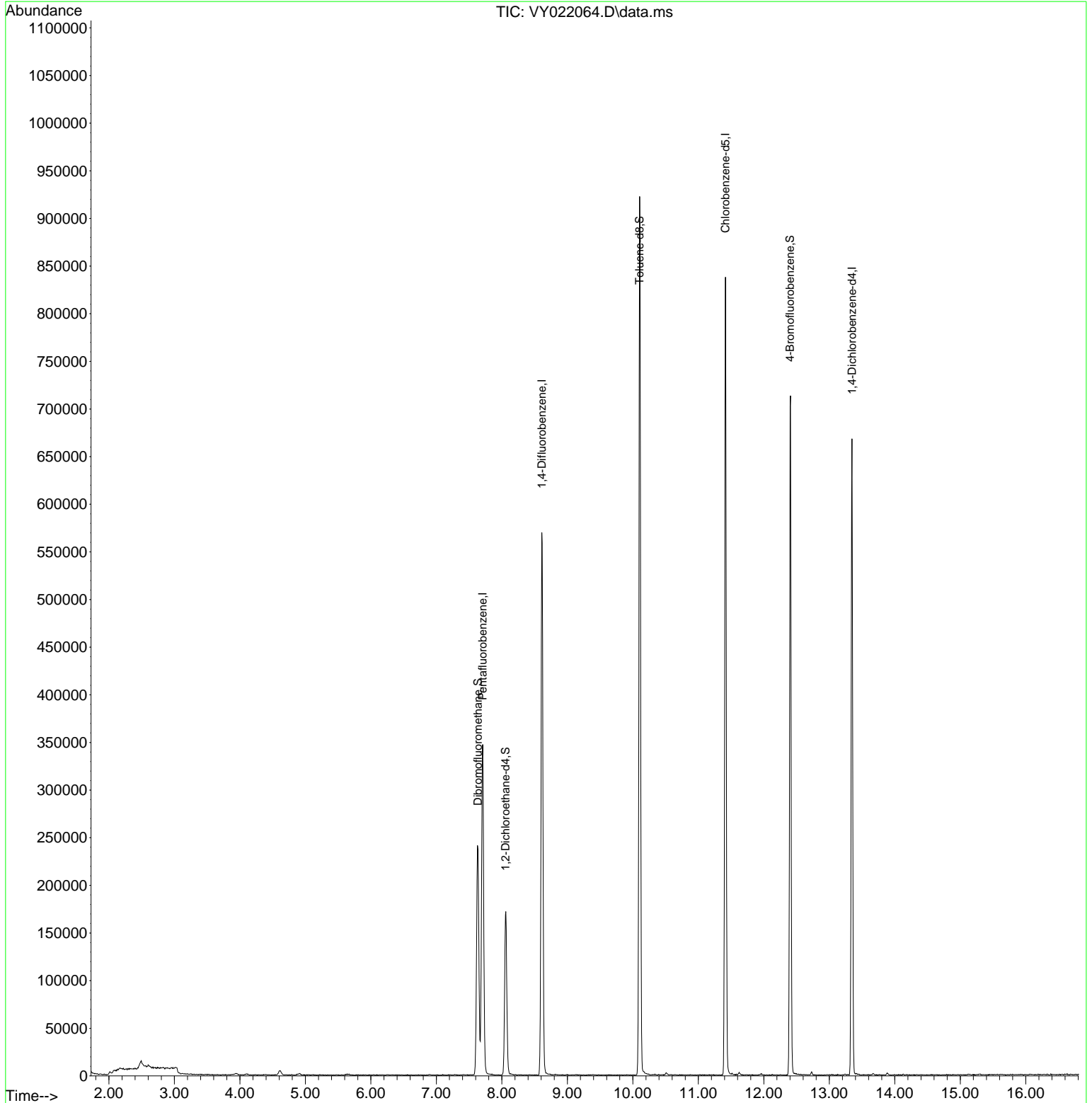
Target Compounds Qvalue

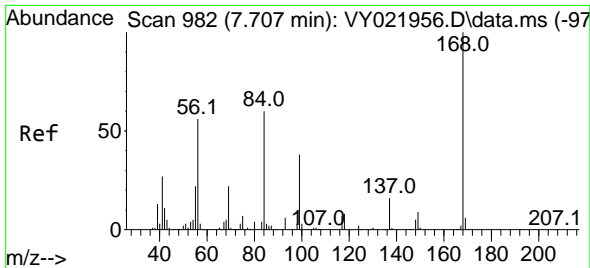
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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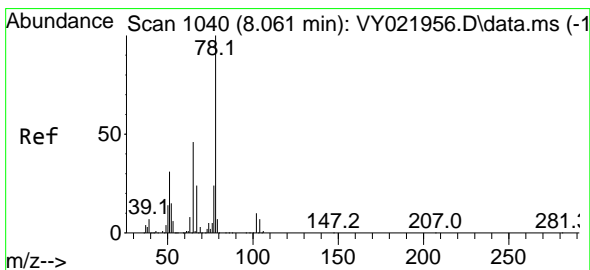
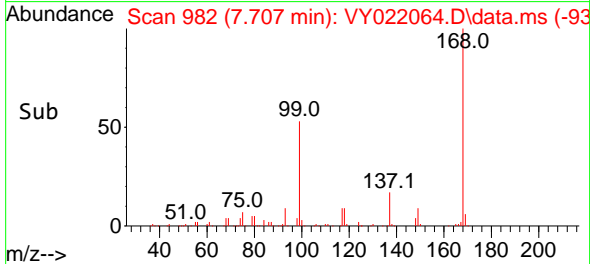
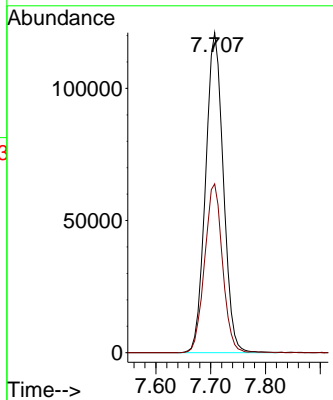
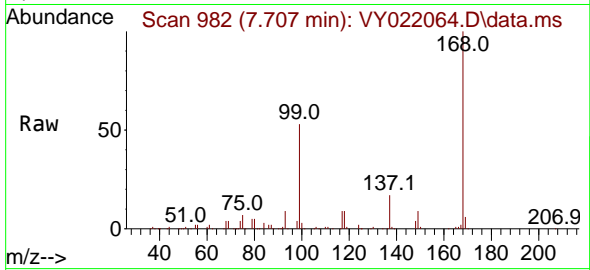




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY022064.D
 Acq: 29 Apr 2025 18:14

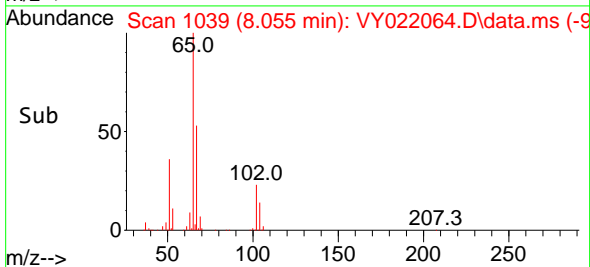
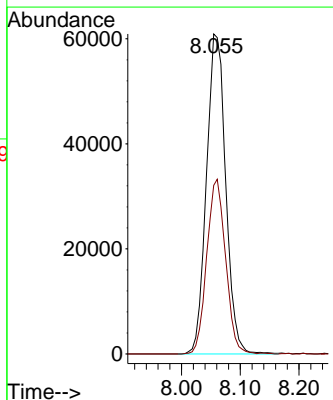
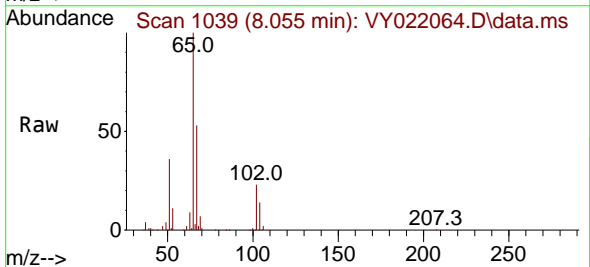
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-27-042325

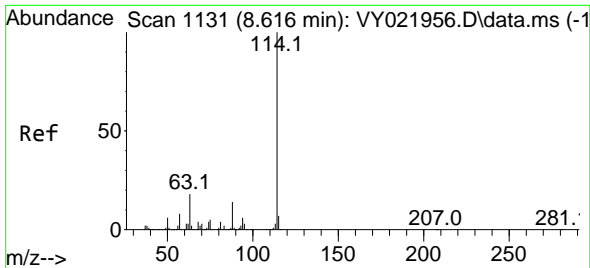
Tgt Ion:168 Resp: 271766
 Ion Ratio Lower Upper
 168 100
 99 52.7 43.1 64.7



#33
 1,2-Dichloroethane-d4
 Concen: 55.268 ug/l
 RT: 8.055 min Scan# 1039
 Delta R.T. -0.006 min
 Lab File: VY022064.D
 Acq: 29 Apr 2025 18:14

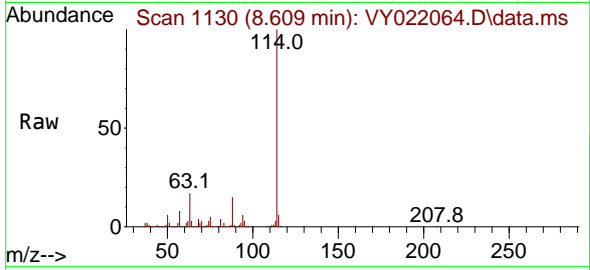
Tgt Ion: 65 Resp: 138737
 Ion Ratio Lower Upper
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 67 53.3 0.0 105.8





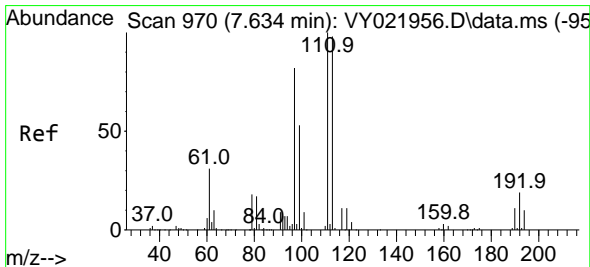
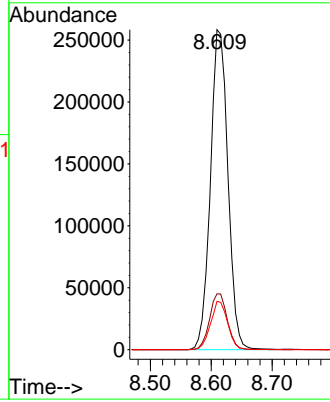
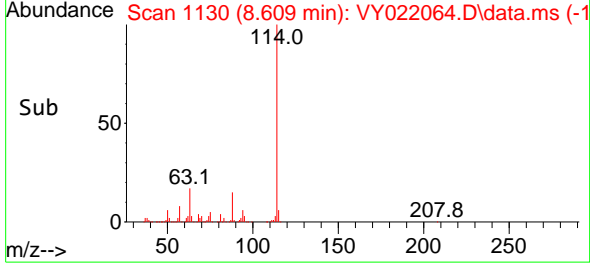
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY022064.D
 Acq: 29 Apr 2025 18:14

Instrument : MSVOA_Y
 ClientSampleId : OU4-PCS-TC-27-042325

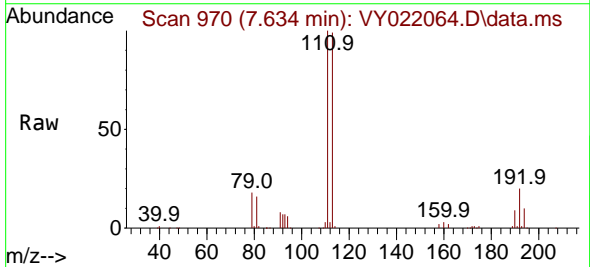


Tgt Ion:114 Resp: 515307

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.4
88	15.1	0.0	28.2

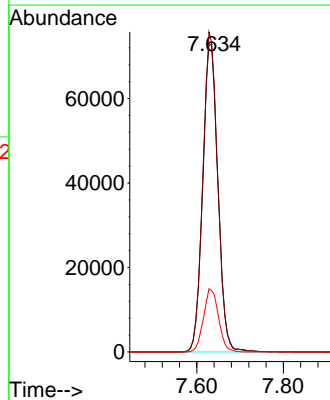
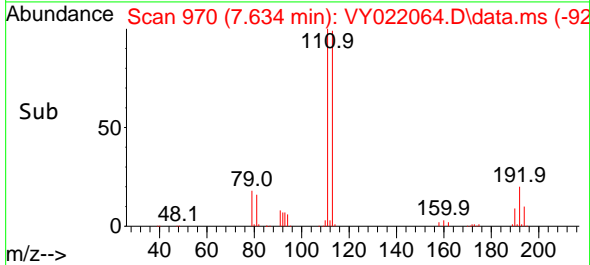


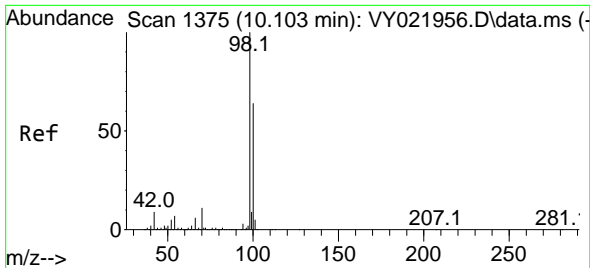
#35
 Dibromofluoromethane
 Concen: 52.374 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY022064.D
 Acq: 29 Apr 2025 18:14



Tgt Ion:113 Resp: 178302

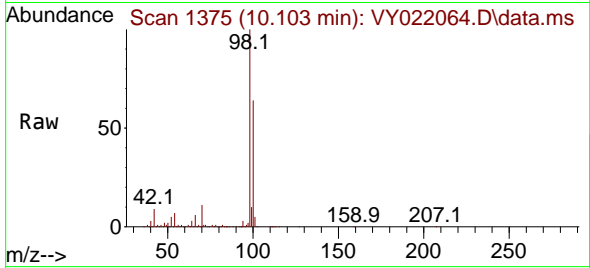
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	20.2	15.6	23.4



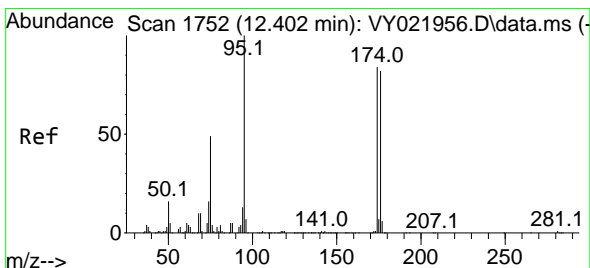
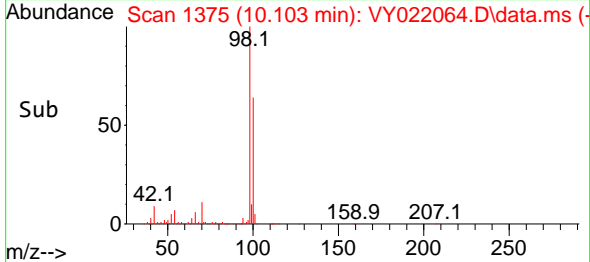
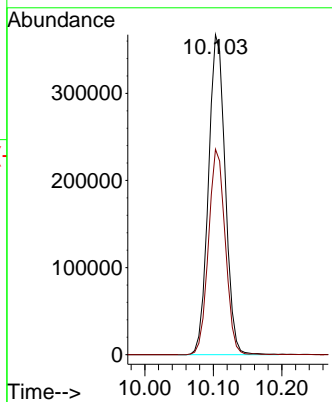


#50
 Toluene-d8
 Concen: 48.665 ug/l
 RT: 10.103 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY022064.D
 Acq: 29 Apr 2025 18:14

Instrument :
 MSVOA_Y
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 OU4-PCS-TC-27-042325

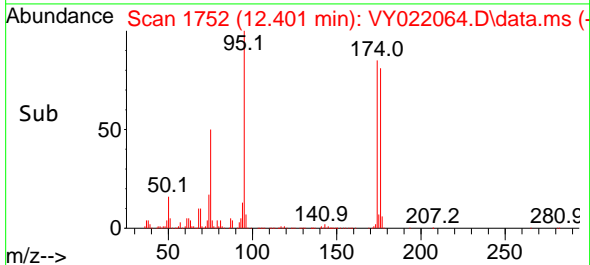
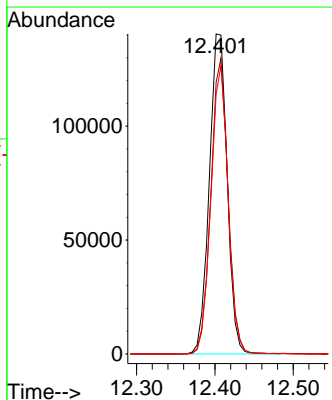
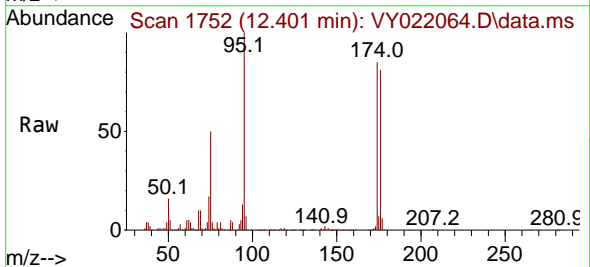


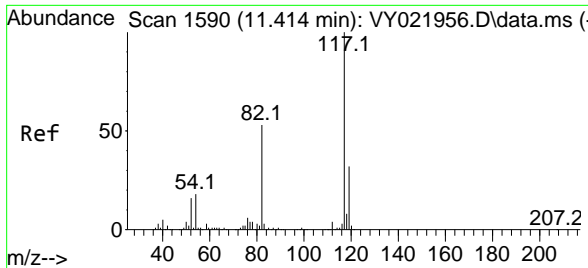
Tgt Ion: 98 Resp: 624590
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.6 77.4



#62
 4-Bromofluorobenzene
 Concen: 51.559 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.000 min
 Lab File: VY022064.D
 Acq: 29 Apr 2025 18:14

Tgt Ion: 95 Resp: 222766
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 179.0
 176 86.4 0.0 171.8



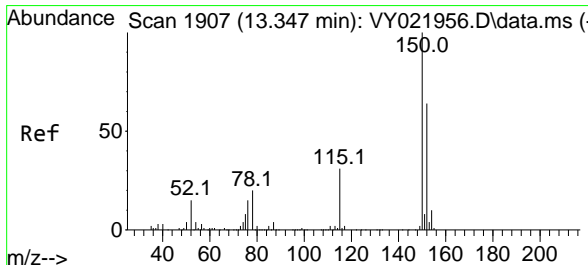
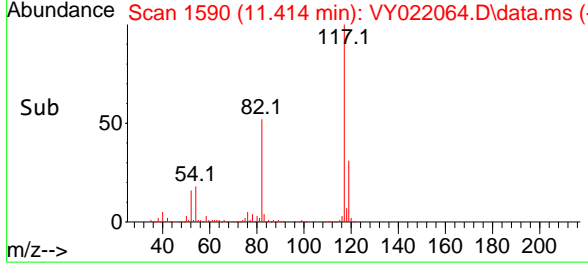
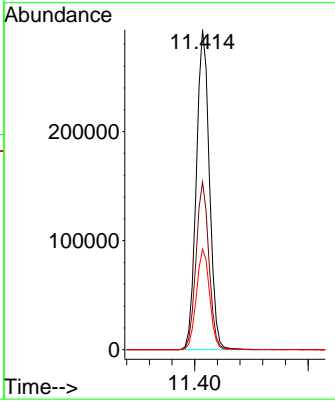
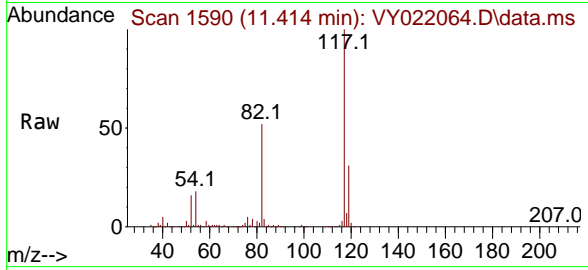


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.414 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: VY022064.D
 Acq: 29 Apr 2025 18:14

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Tgt Ion:117 Resp: 469079

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.1	63.1
119	31.4	25.7	38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022064.D
 Acq: 29 Apr 2025 18:14

Tgt Ion:152 Resp: 180272

Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.0	84.0
150	153.9	0.0	345.6

