

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022795.D
 Acq On : 24 Jun 2025 14:19
 Operator : SY/MD
 Sample : Q2393-02
 Misc : 6.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PARK AVE -1

Quant Time: Jun 25 01:26:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	304407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	544800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	523860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	249712	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	165094	48.593	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.634	113	162370	49.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.103	98	652469	49.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.401	95	243354	57.579	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.160%

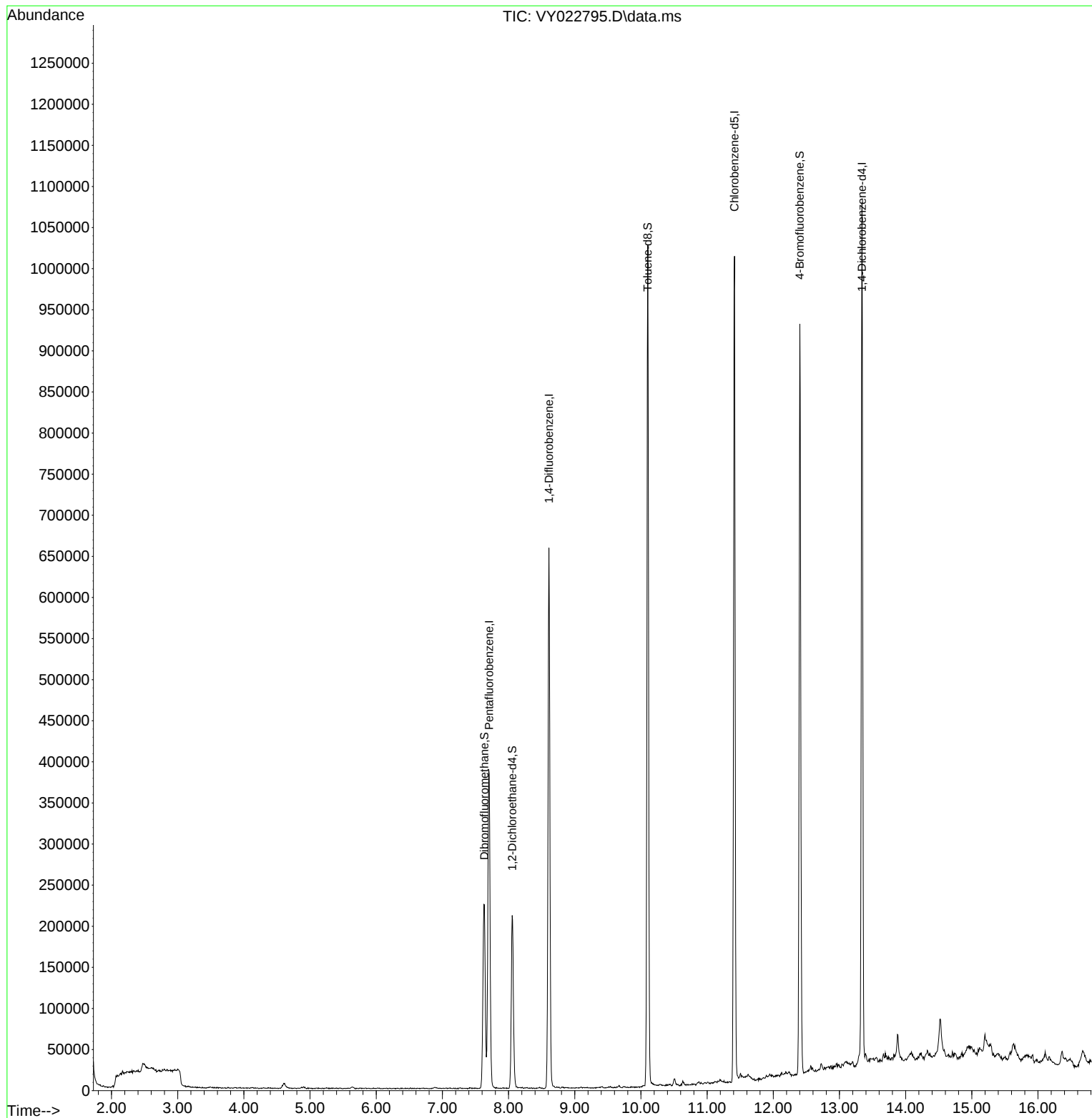
Target Compounds	Qvalue

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

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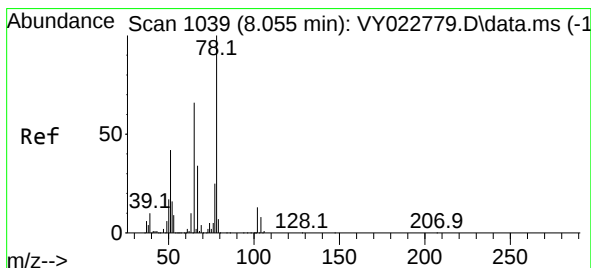
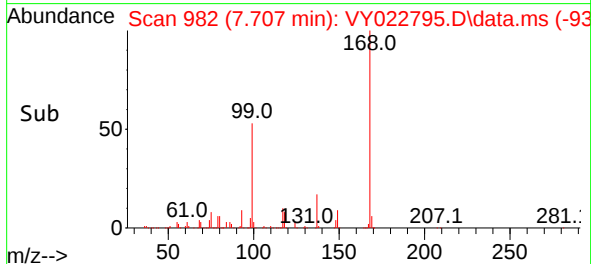
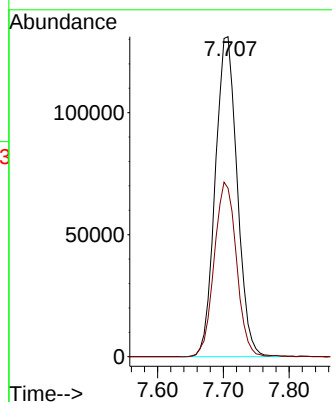
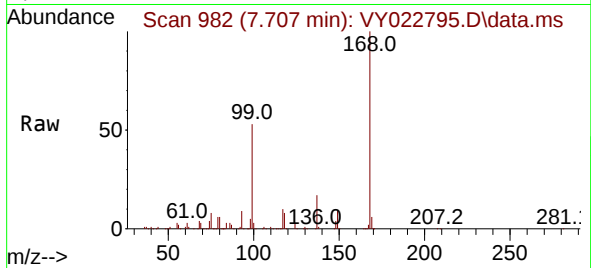




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022795.D
Acq: 24 Jun 2025 14:19

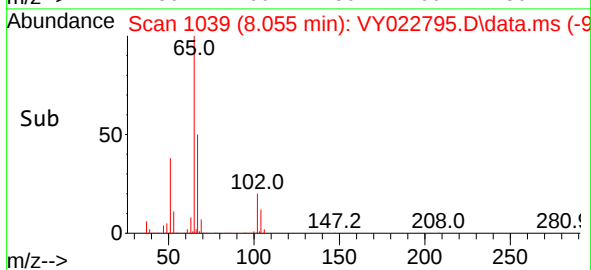
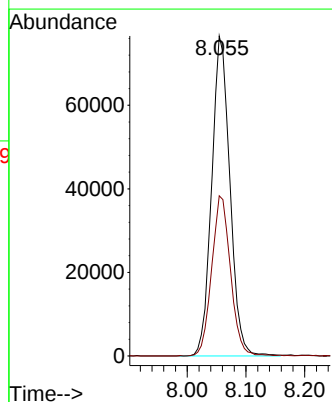
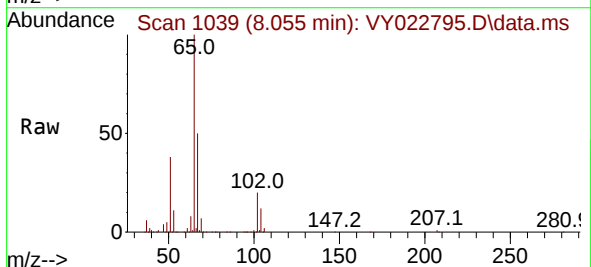
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -1

Tgt Ion:168 Resp: 304407
Ion Ratio Lower Upper
168 100
99 52.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 48.593 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.013 min
Lab File: VY022795.D
Acq: 24 Jun 2025 14:19

Tgt Ion: 65 Resp: 165094
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

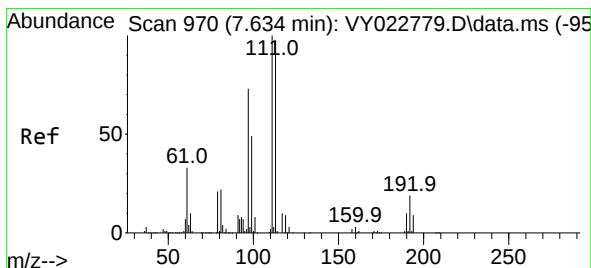
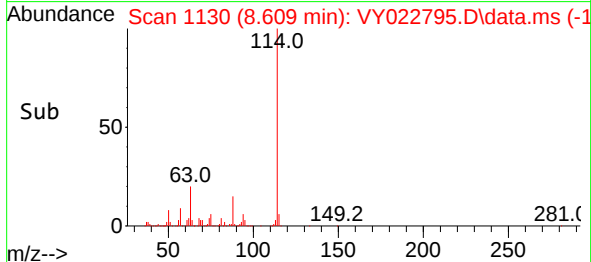
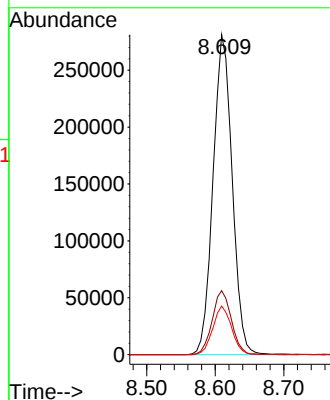
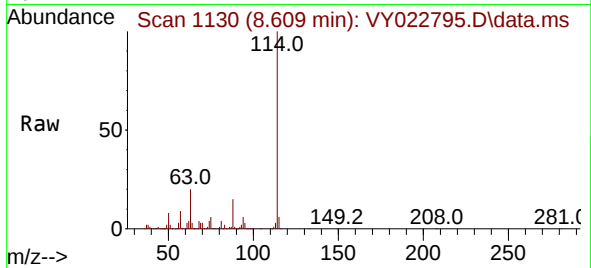




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022795.D
Acq: 24 Jun 2025 14:19

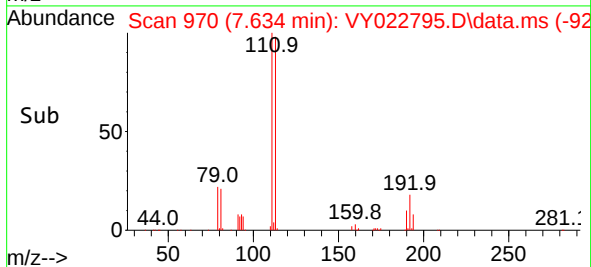
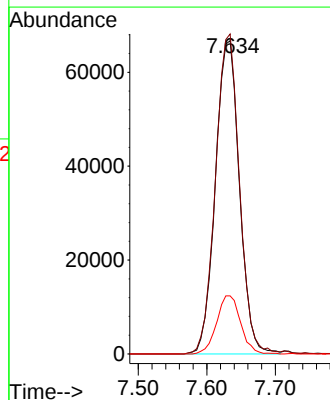
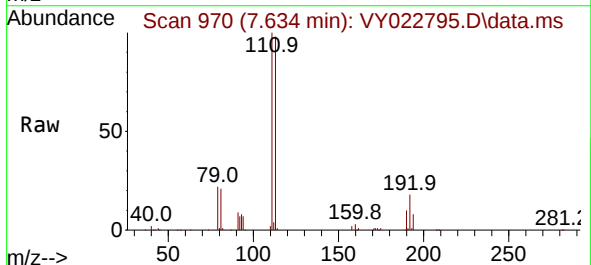
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -1

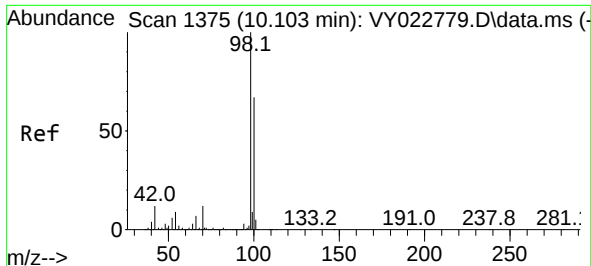
Tgt Ion:114 Resp: 544800
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.2 0.0 27.8



#35
Dibromofluoromethane
Concen: 49.007 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022795.D
Acq: 24 Jun 2025 14:19

Tgt Ion:113 Resp: 162370
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 18.5 14.2 21.2

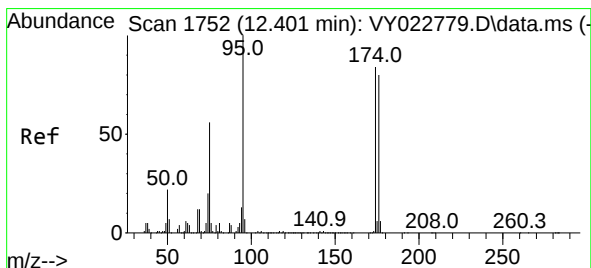
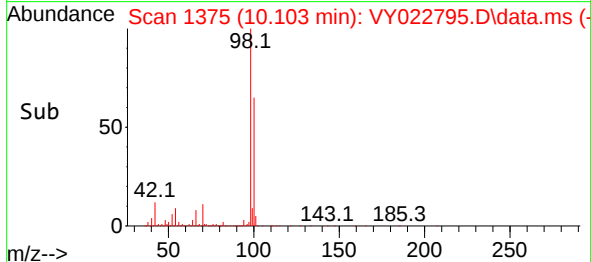
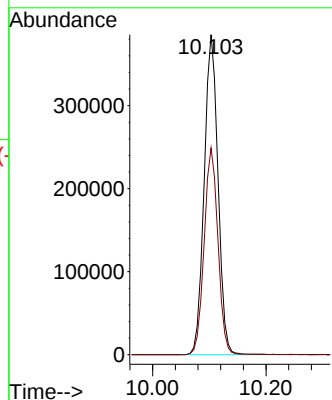
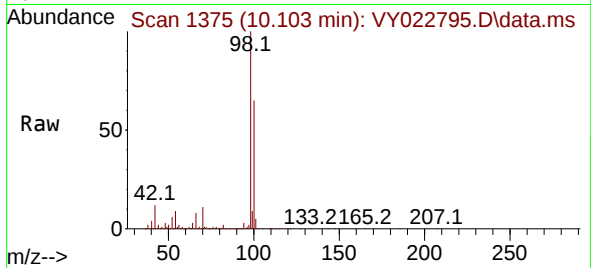




#50
Toluene-d8
Concen: 49.628 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022795.D
Acq: 24 Jun 2025 14:19

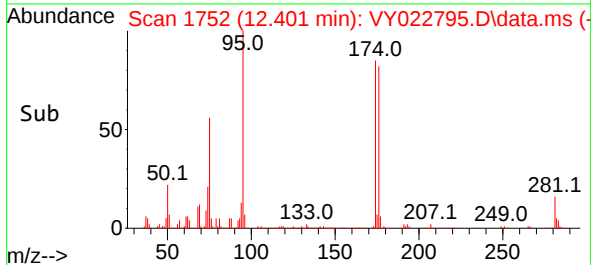
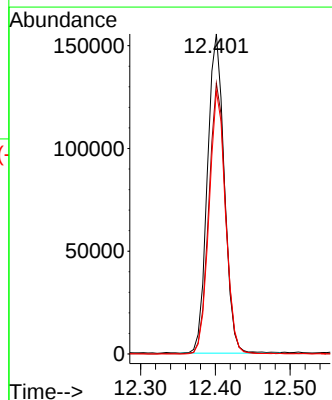
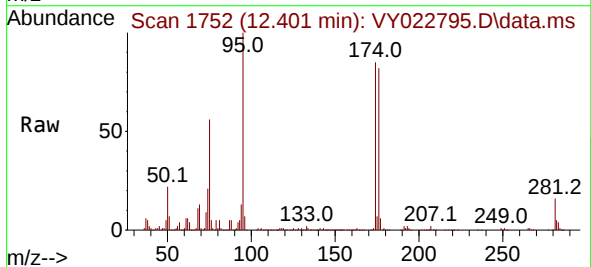
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -1

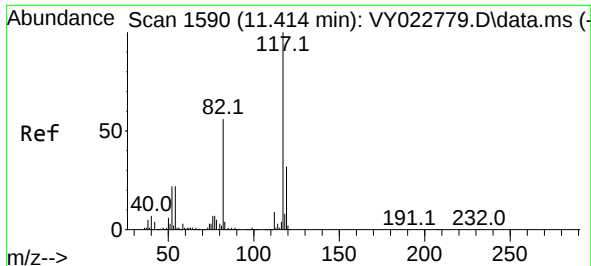
Tgt Ion: 98 Resp: 652469
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 57.579 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022795.D
Acq: 24 Jun 2025 14:19

Tgt Ion: 95 Resp: 243354
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.0
176 80.1 0.0 166.2

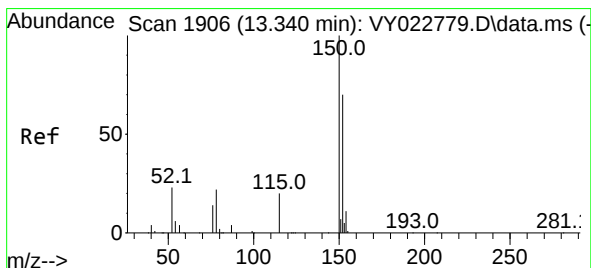
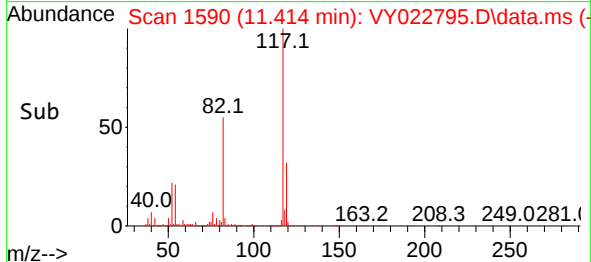
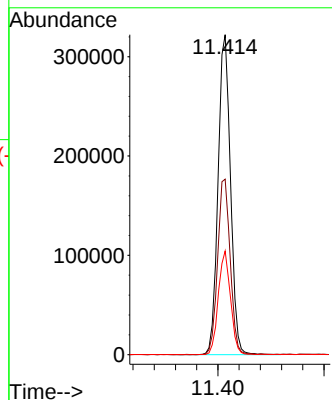
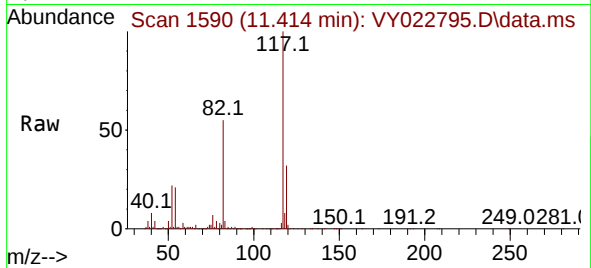




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022795.D
Acq: 24 Jun 2025 14:19

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -1

Tgt Ion:117 Resp: 523860
Ion Ratio Lower Upper
117 100
82 54.9 44.6 66.8
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022795.D
Acq: 24 Jun 2025 14:19

Tgt Ion:152 Resp: 249712
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.7
150 158.3 0.0 349.6

