

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022955.D
 Acq On : 07 Jul 2025 13:15
 Operator : SY/MD
 Sample : Q2487-07RE
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G1(4.5)RE

Quant Time: Jul 08 01:46:36 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)

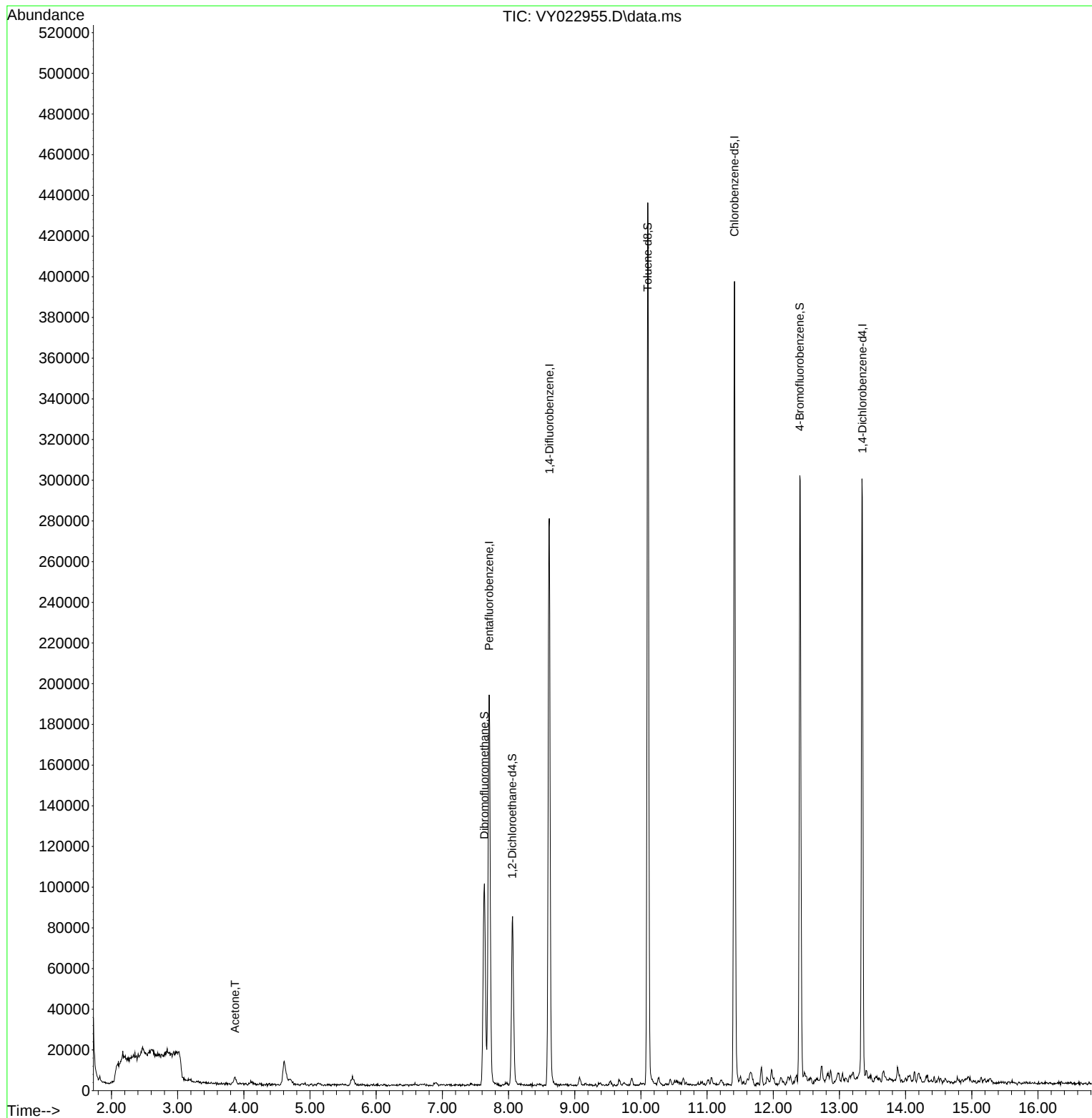
Internal Standards						
1) Pentafluorobenzene	7.707	168	143475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	238103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	198851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	72469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	63662	39.756	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.520%
35) Dibromofluoromethane	7.634	113	71109	49.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.103	98	277719	48.333	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.401	95	77315	41.856	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.720%
Target Compounds						
16) Acetone	3.866	43	5636	18.621	ug/l	Qvalue # 82

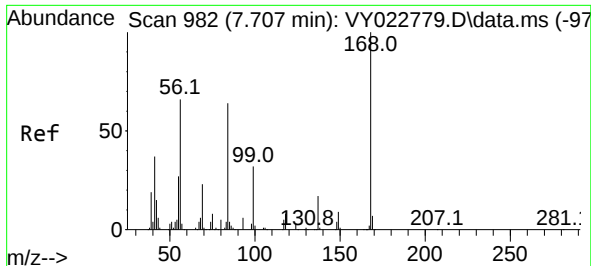
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022955.D
Acq On : 07 Jul 2025 13:15
Operator : SY/MD
Sample : Q2487-07RE
Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G1(4.5)RE

Quant Time: Jul 08 01:46:36 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

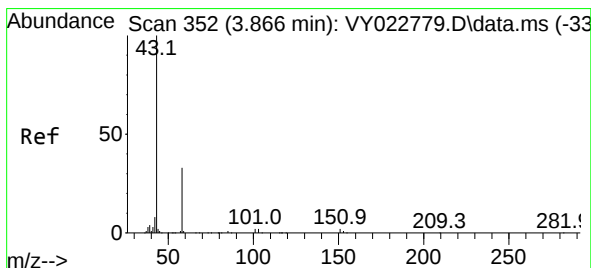
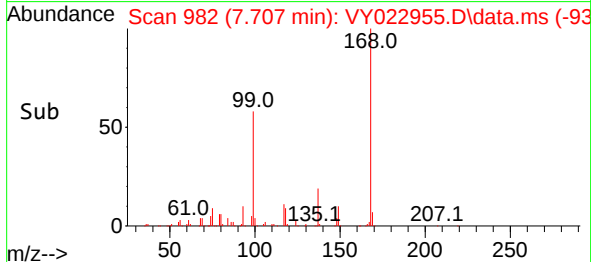
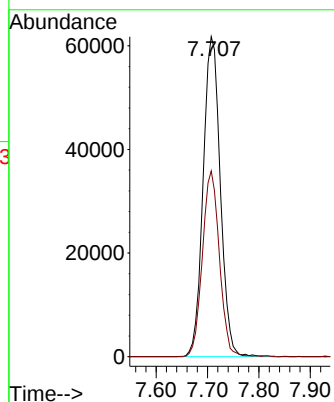
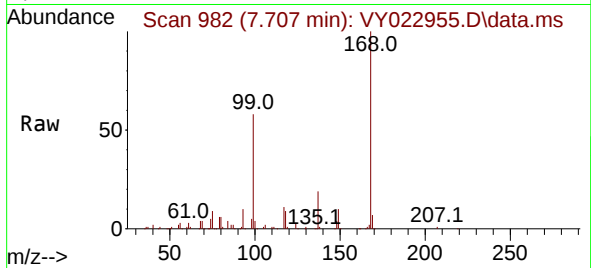




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022955.D
Acq: 07 Jul 2025 13:15

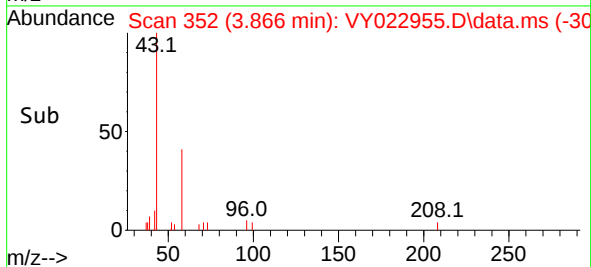
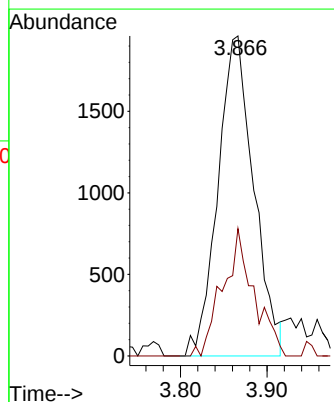
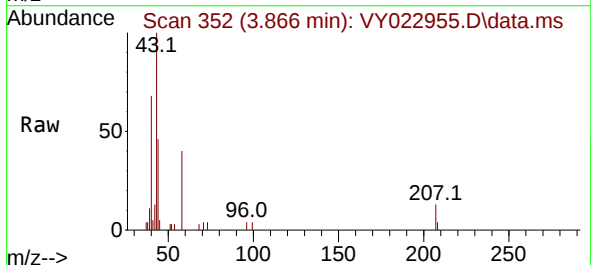
Instrument :
MSVOA_Y
ClientSampleId :
G1(4.5)RE

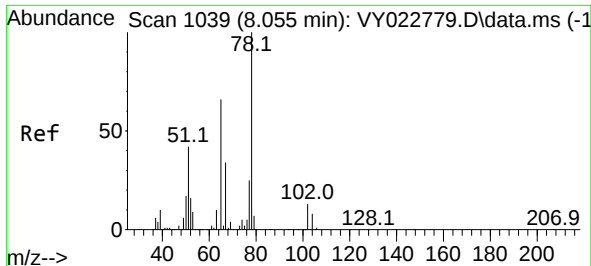
Tgt Ion:168 Resp: 143475
Ion Ratio Lower Upper
168 100
99 58.0 44.3 66.5



#16
Acetone
Concen: 18.621 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022955.D
Acq: 07 Jul 2025 13:15

Tgt Ion: 43 Resp: 5636
Ion Ratio Lower Upper
43 100
58 39.8 24.0 36.0#

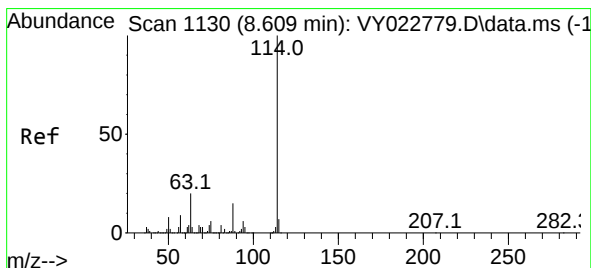
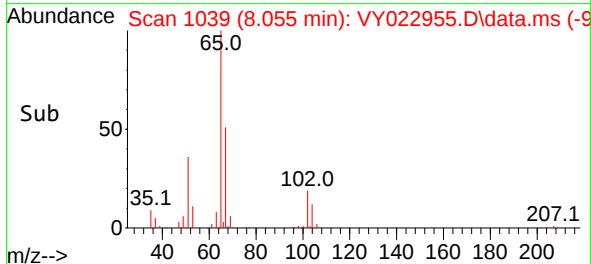
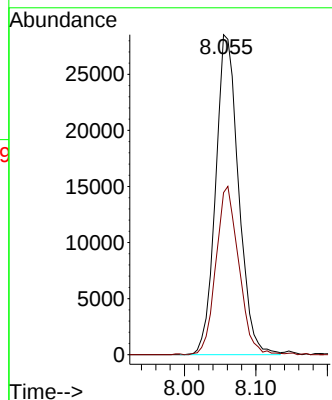
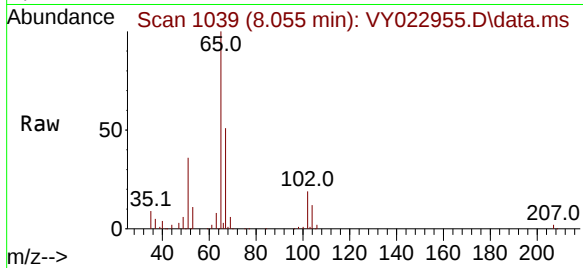




#33
 1,2-Dichloroethane-d4
 Concen: 39.756 ug/l
 RT: 8.055 min Scan# 1103
 Delta R.T. -0.012 min
 Lab File: VY022955.D
 Acq: 07 Jul 2025 13:15

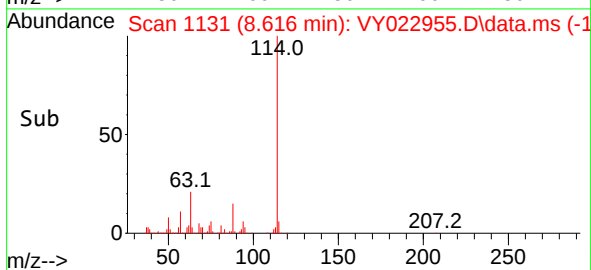
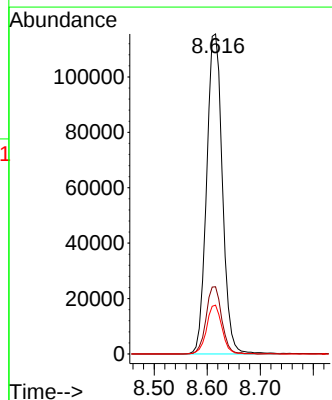
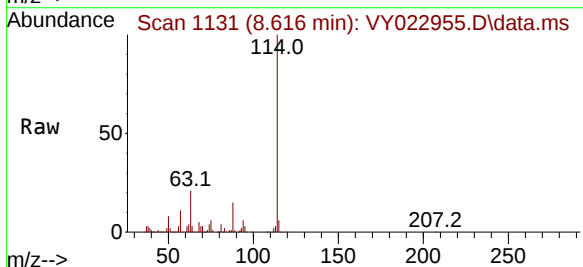
Instrument :
 MSVOA_Y
 ClientSampleId :
 G1(4.5)RE

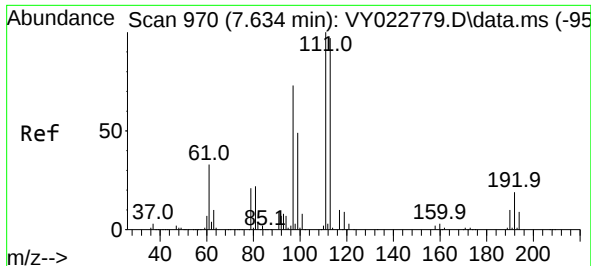
Tgt Ion: 65 Resp: 63662
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022955.D
 Acq: 07 Jul 2025 13:15

Tgt Ion:114 Resp: 238103
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 15.3 0.0 27.8

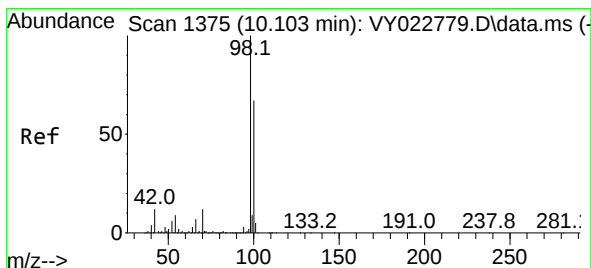
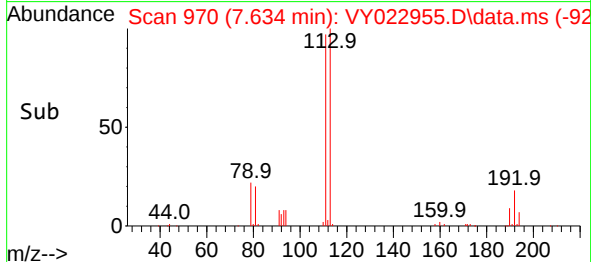
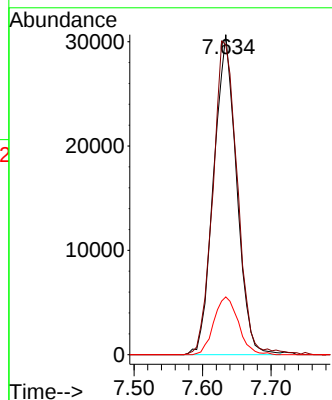
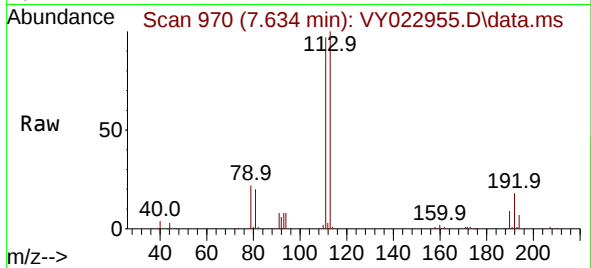




#35
Dibromofluoromethane
Concen: 49.107 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022955.D
Acq: 07 Jul 2025 13:15

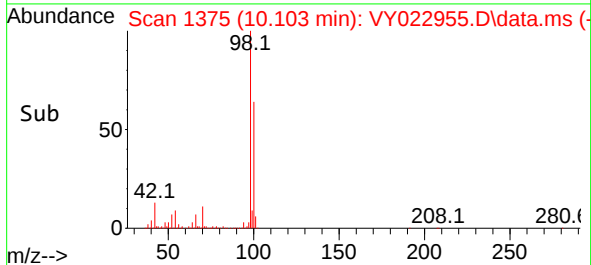
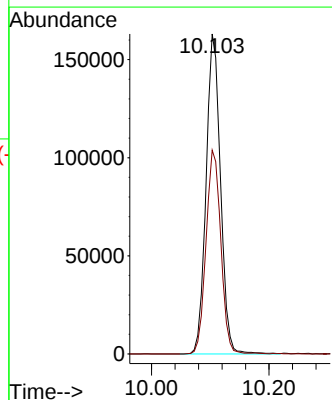
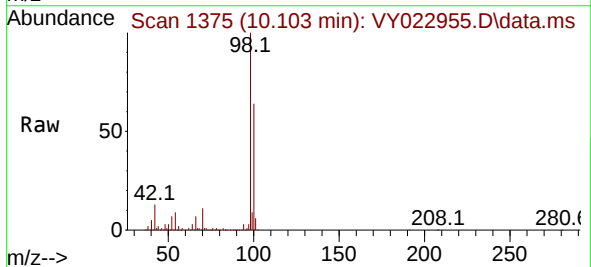
Instrument :
MSVOA_Y
ClientSampleId :
G1(4.5)RE

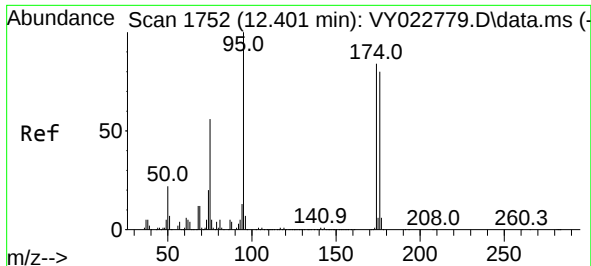
Tgt Ion:113 Resp: 71109
Ion Ratio Lower Upper
113 100
111 104.7 81.1 121.7
192 19.3 14.2 21.2



#50
Toluene-d8
Concen: 48.333 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022955.D
Acq: 07 Jul 2025 13:15

Tgt Ion: 98 Resp: 277719
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0

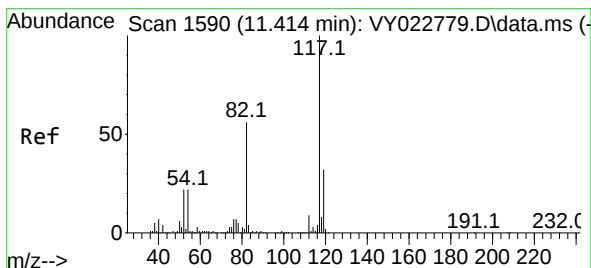
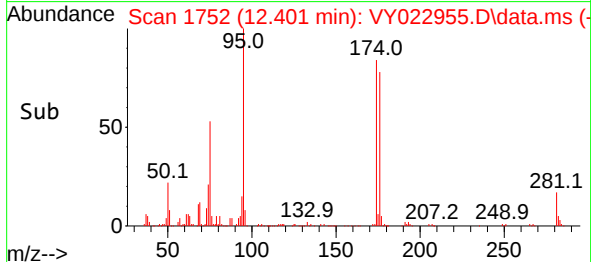
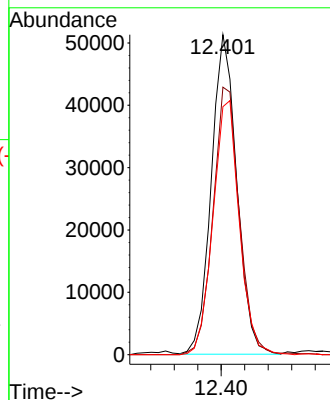
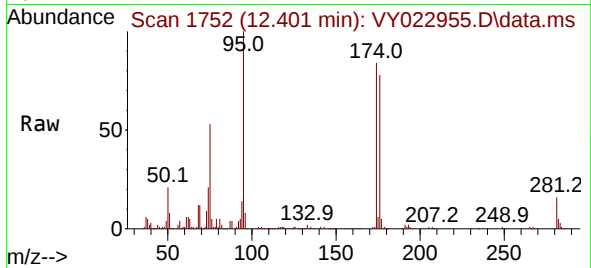




#62
4-Bromofluorobenzene
Concen: 41.856 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022955.D
Acq: 07 Jul 2025 13:15

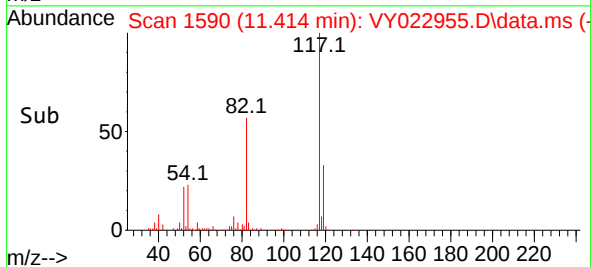
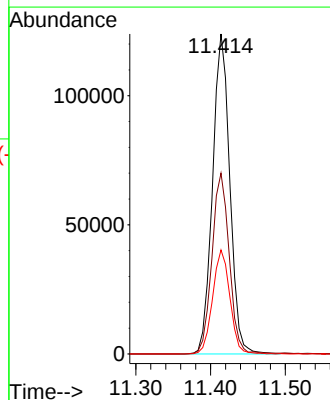
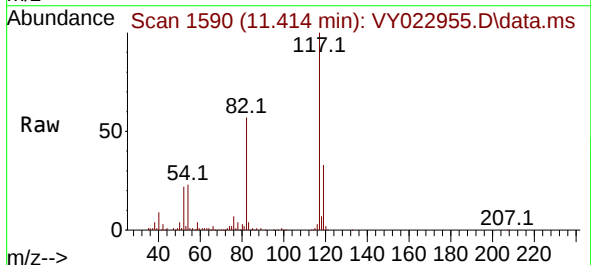
Instrument :
MSVOA_Y
ClientSampleId :
G1(4.5)RE

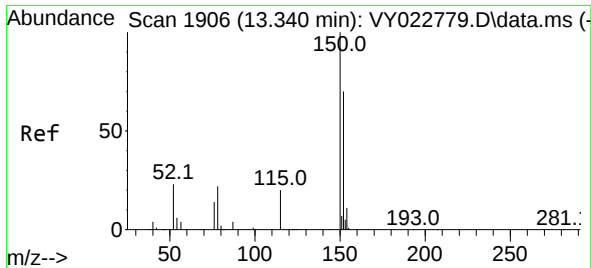
Tgt Ion:	95	Resp:	77315
Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	170.0
176	82.1	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022955.D
Acq: 07 Jul 2025 13:15

Tgt Ion:	117	Resp:	198851
Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.6	66.8
119	32.5	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022955.D
 Acq: 07 Jul 2025 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 G1(4.5)RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.9	86.7
150	159.5	0.0	349.6

