

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022830.D
 Acq On : 25 Jun 2025 17:16
 Operator : SY/MD
 Sample : Q2420-01
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11933

Quant Time: Jun 26 01:28:52 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)

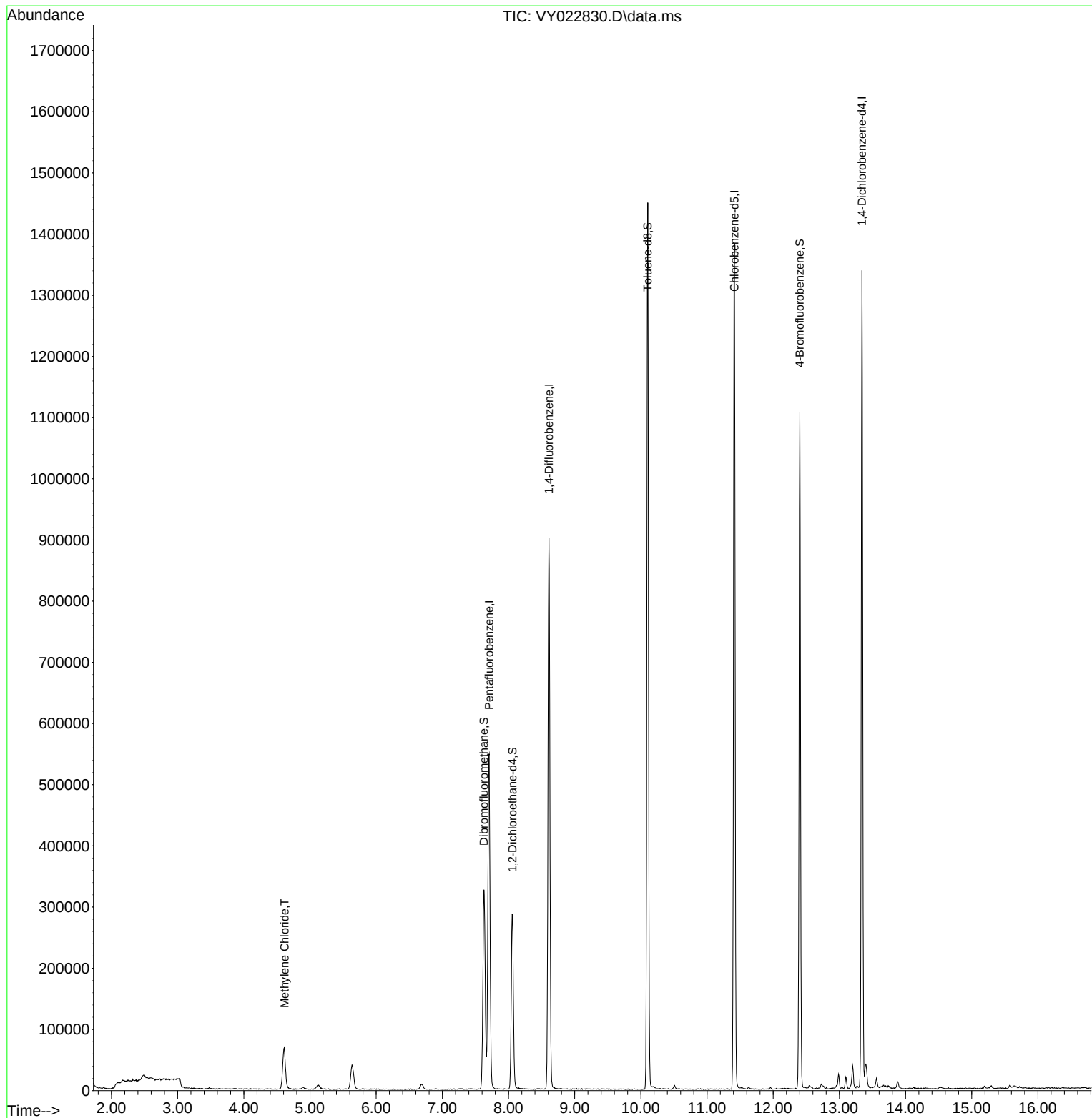
Internal Standards						
1) Pentafluorobenzene	7.707	168	421779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	771794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	716809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	318823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	225748	47.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.628	113	232159	49.462	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.103	98	921691	49.486	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.402	95	313862	52.420	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.840%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.616	84	48784	8.682	ug/l	88

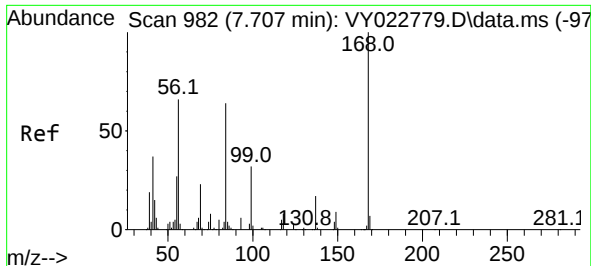
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022830.D
Acq On : 25 Jun 2025 17:16
Operator : SY/MD
Sample : Q2420-01
Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11933

Quant Time: Jun 26 01:28:52 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

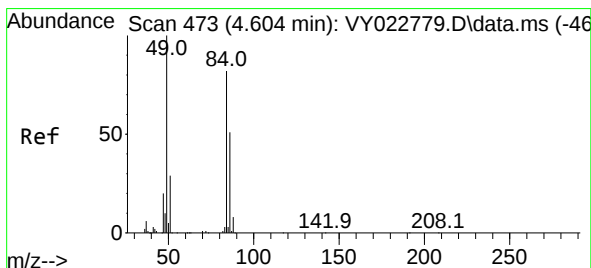
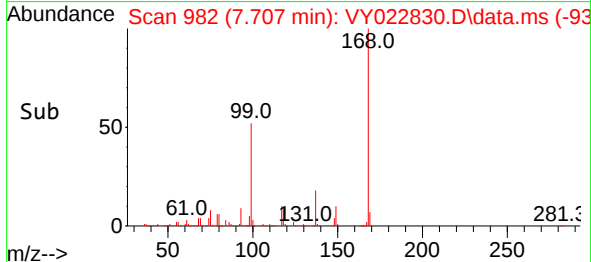
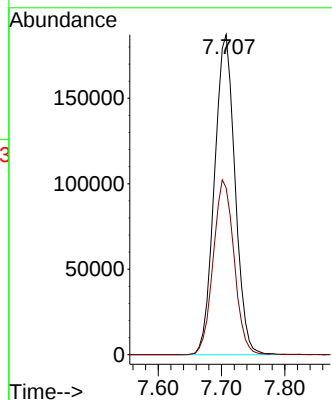
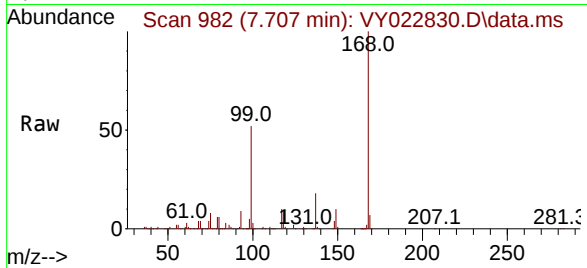




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022830.D
Acq: 25 Jun 2025 17:16

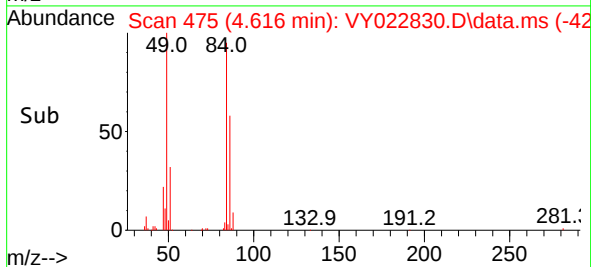
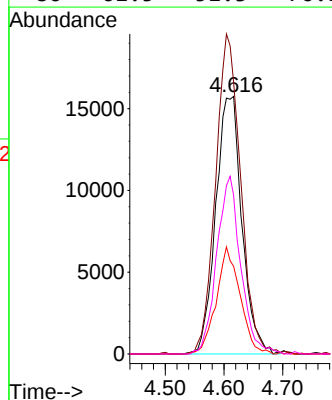
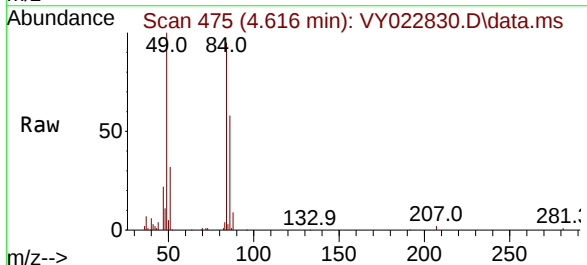
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

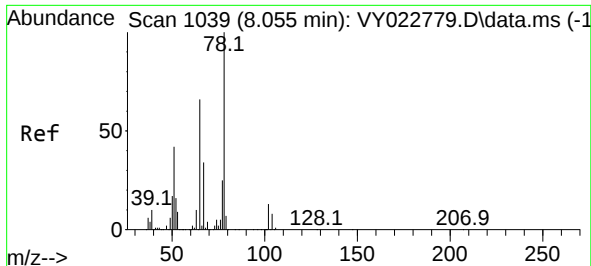
Tgt Ion:168 Resp: 421779
Ion Ratio Lower Upper
168 100
99 52.2 44.3 66.5



#20
Methylene Chloride
Concen: 8.682 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022830.D
Acq: 25 Jun 2025 17:16

Tgt Ion: 84 Resp: 48784
Ion Ratio Lower Upper
84 100
49 105.4 101.9 152.9
51 34.0 29.8 44.8
86 61.5 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 47.955 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY022830.D

Acq: 25 Jun 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

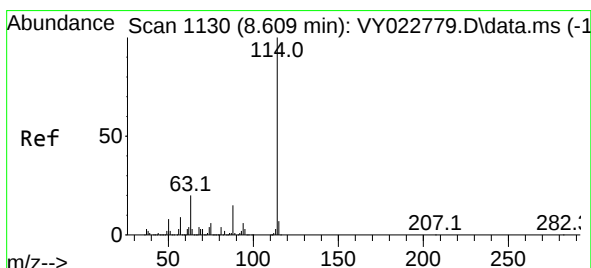
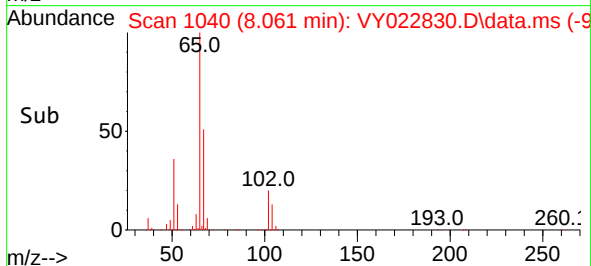
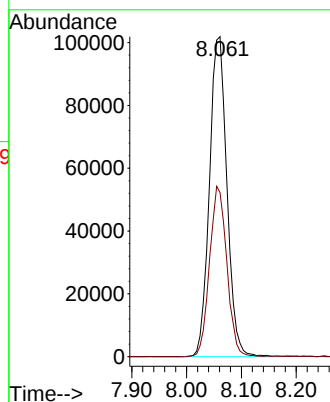
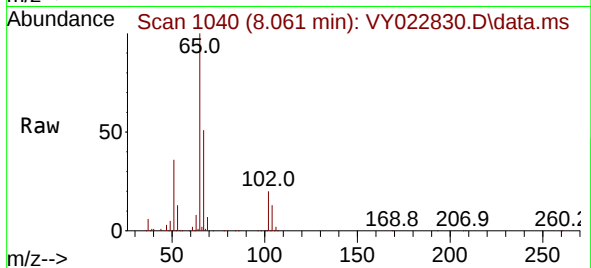
72-11933

Tgt Ion: 65 Resp: 225748

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022830.D

Acq: 25 Jun 2025 17:16

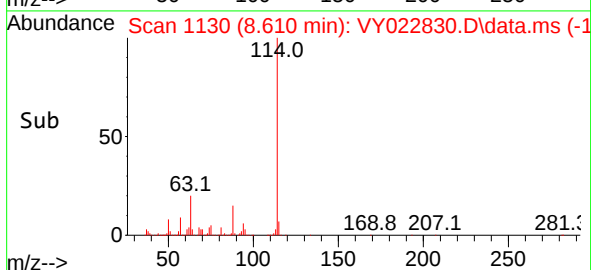
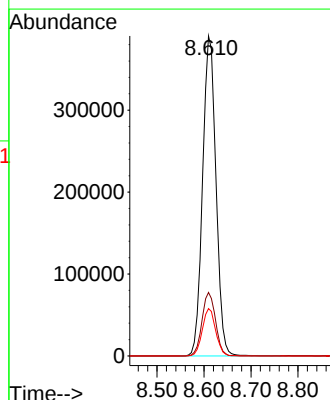
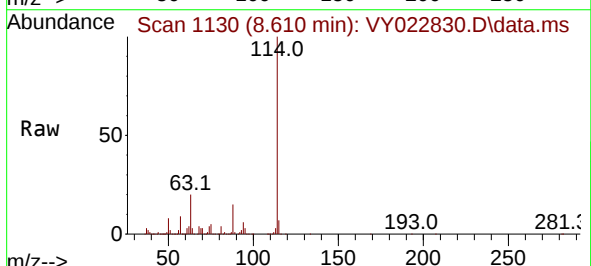
Tgt Ion: 114 Resp: 771794

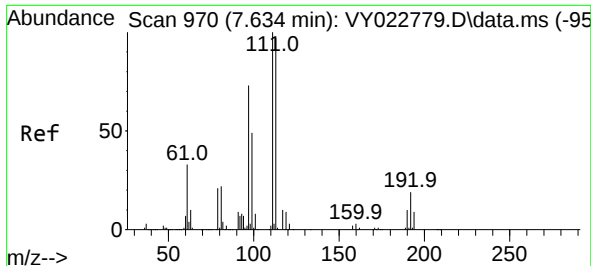
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 14.8 0.0 27.8

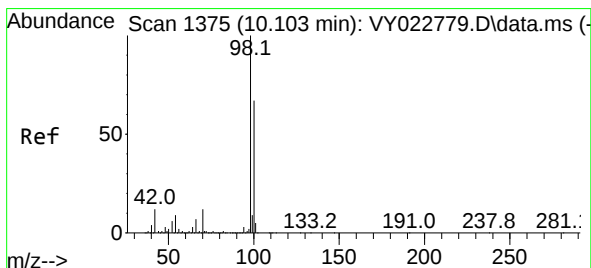
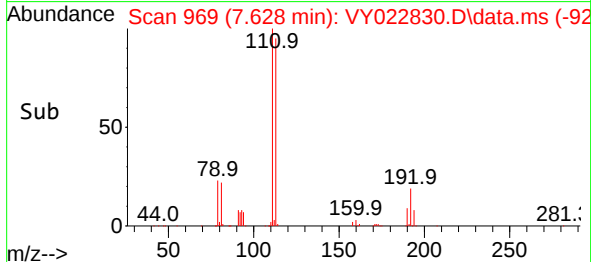
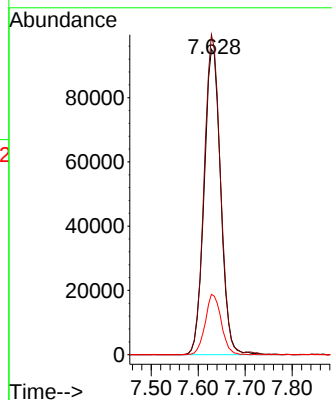
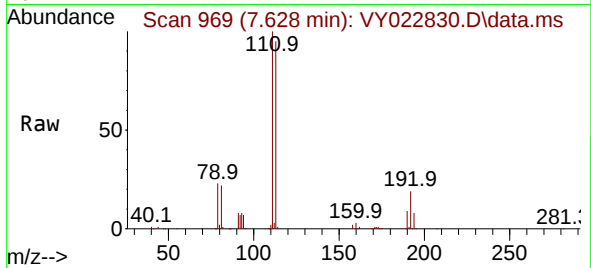




#35
Dibromofluoromethane
Concen: 49.462 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY022830.D
Acq: 25 Jun 2025 17:16

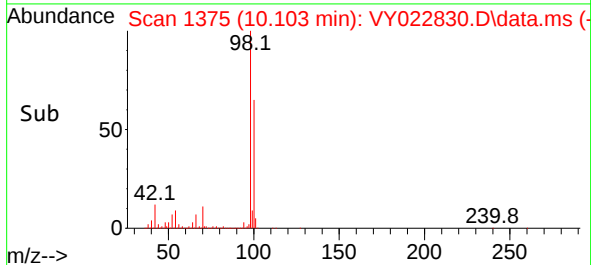
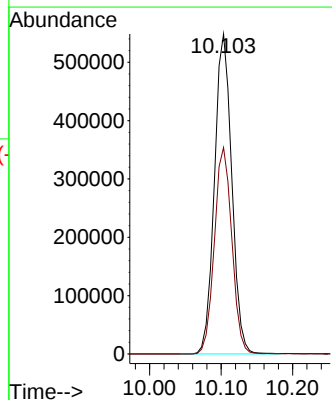
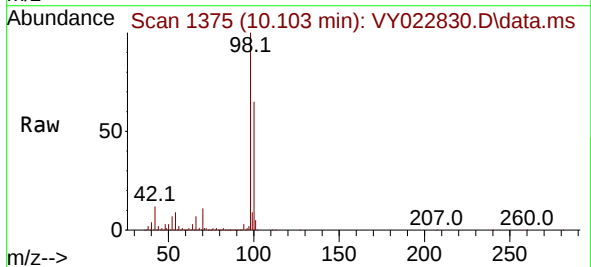
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

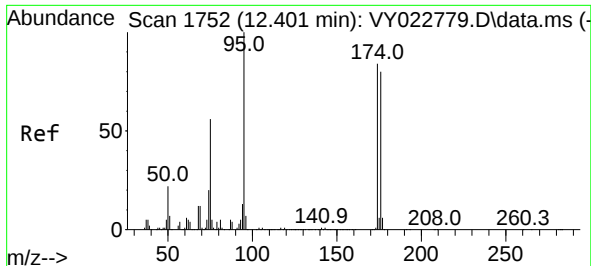
Tgt Ion:113 Resp: 232159
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 19.1 14.2 21.2



#50
Toluene-d8
Concen: 49.486 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022830.D
Acq: 25 Jun 2025 17:16

Tgt Ion: 98 Resp: 921691
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0

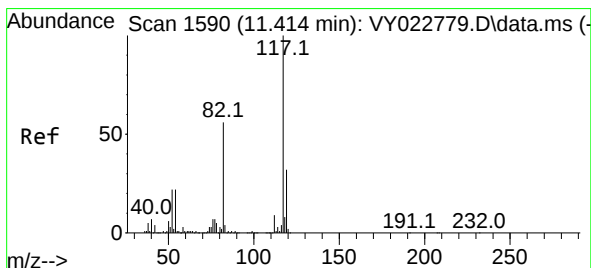
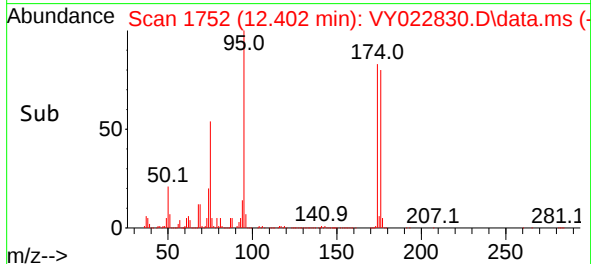
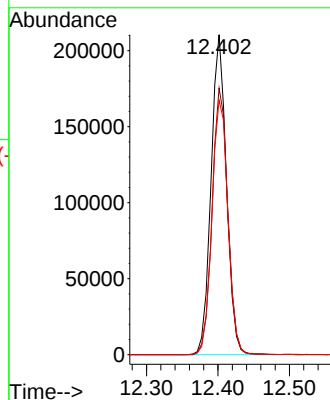
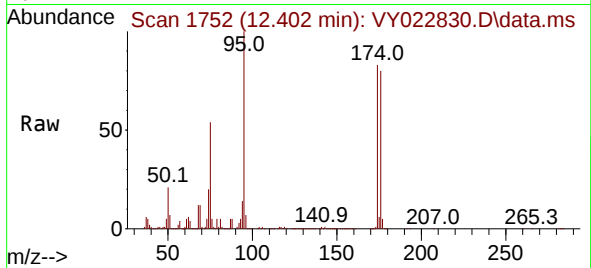




#62
4-Bromofluorobenzene
Concen: 52.420 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022830.D
Acq: 25 Jun 2025 17:16

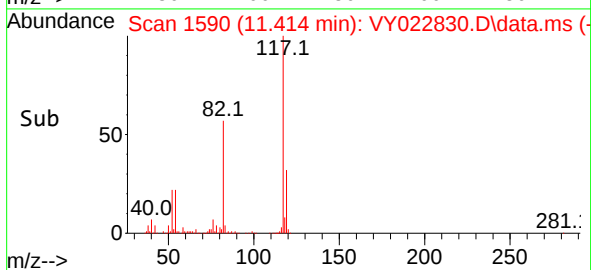
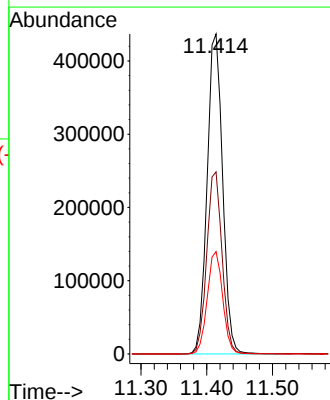
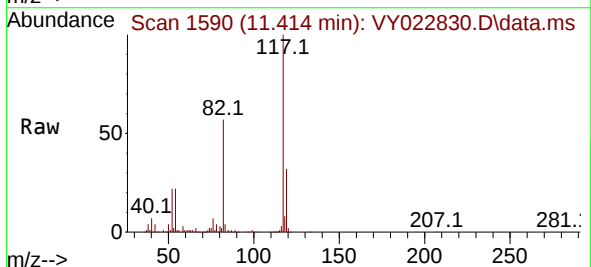
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

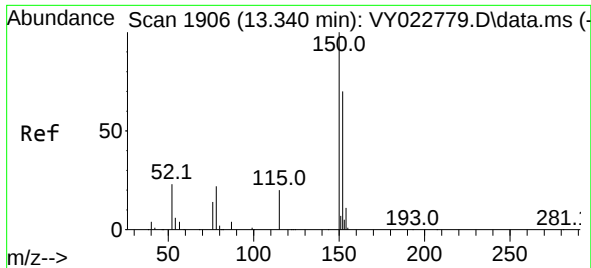
Tgt Ion: 95 Resp: 313862
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.0
176 82.8 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022830.D
Acq: 25 Jun 2025 17:16

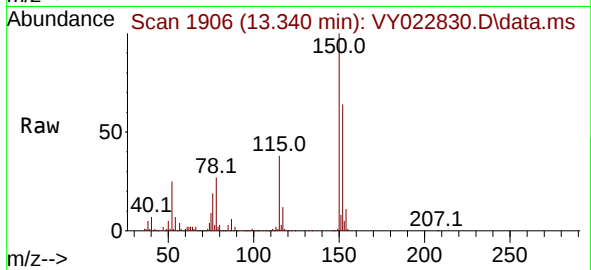
Tgt Ion: 117 Resp: 716809
Ion Ratio Lower Upper
117 100
82 56.9 44.6 66.8
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY022830.D
 Acq: 25 Jun 2025 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11933



Tgt Ion:152 Resp: 318823

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.9	86.7
150	156.2	0.0	349.6

