

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
 Data File : VY023175.D
 Acq On : 20 Aug 2025 14:58
 Operator : SY/MD
 Sample : Q2892-03
 Misc : 4.31g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-FLOOR-DRILL-B-BACK

Quant Time: Aug 21 01:39:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

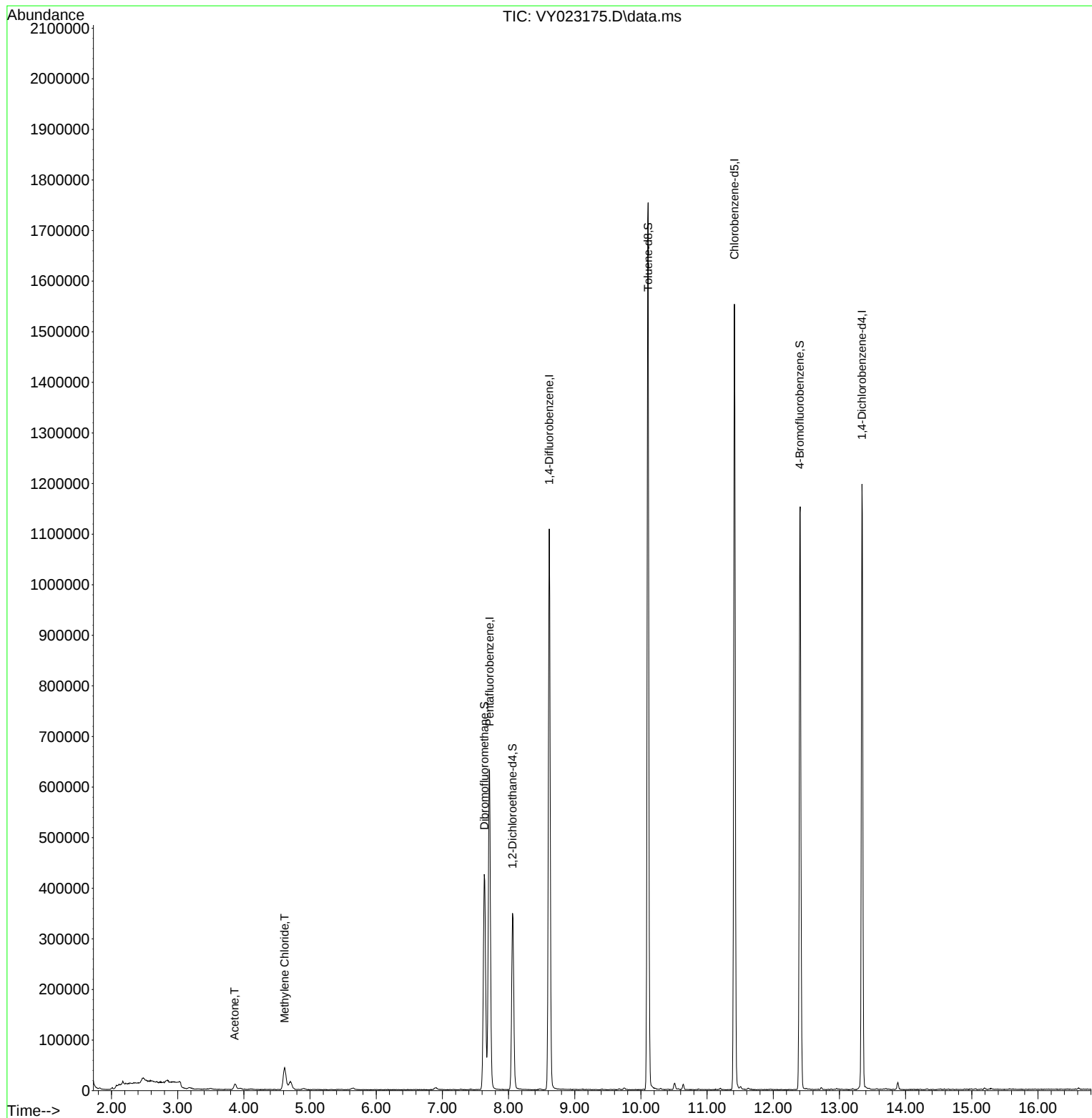
Internal Standards						
1) Pentafluorobenzene	7.713	168	500283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	945353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	831619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	308457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	273794	57.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.634	113	305105	53.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.880%
50) Toluene-d8	10.109	98	1142363	51.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.401	95	312766	44.010	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.020%
Target Compounds						
16) Acetone	3.860	43	18614	18.020	ug/l	91
20) Methylene Chloride	4.616	84	32382	3.505	ug/l	97

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

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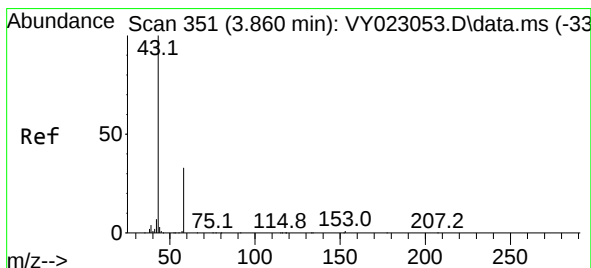
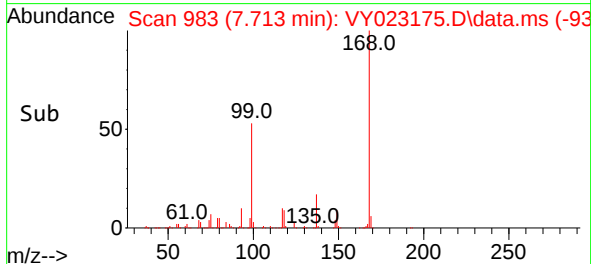
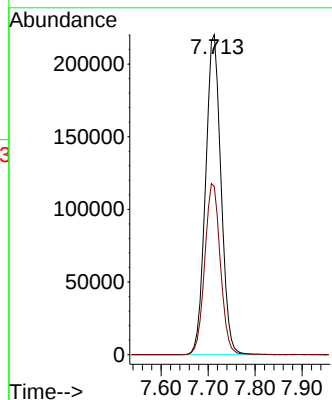
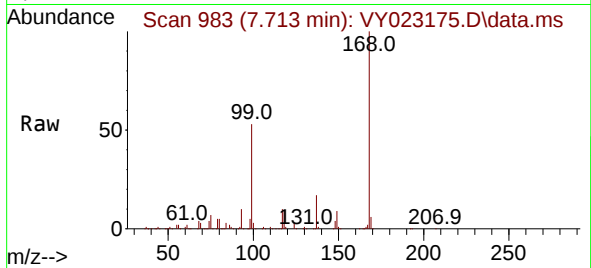




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

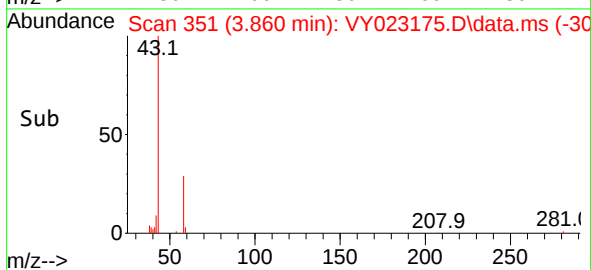
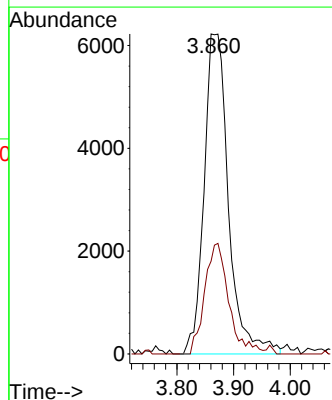
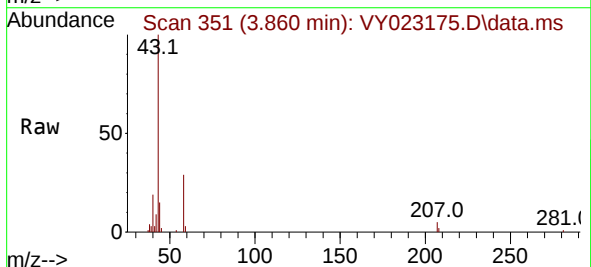
Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

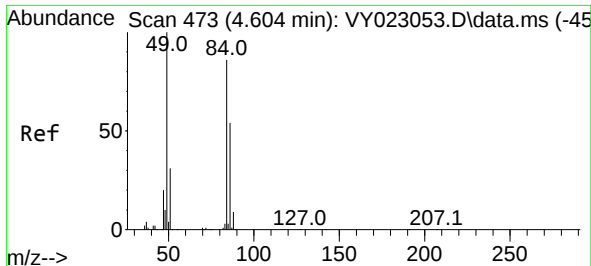
Tgt Ion:168 Resp: 500283
Ion Ratio Lower Upper
168 100
99 52.5 42.8 64.2



#16
Acetone
Concen: 18.020 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion: 43 Resp: 18614
Ion Ratio Lower Upper
43 100
58 29.0 27.1 40.7

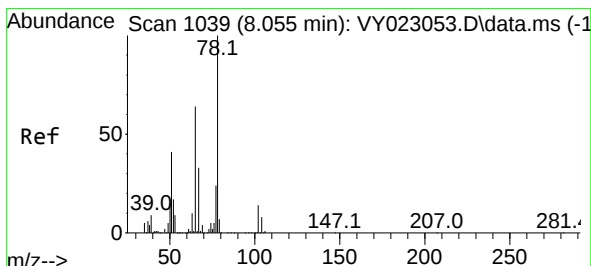
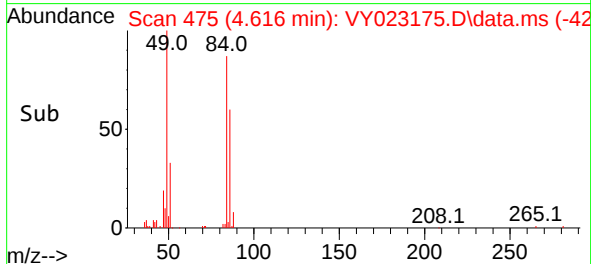
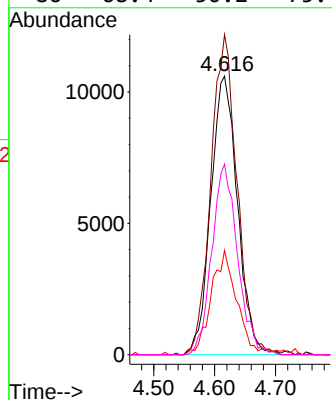
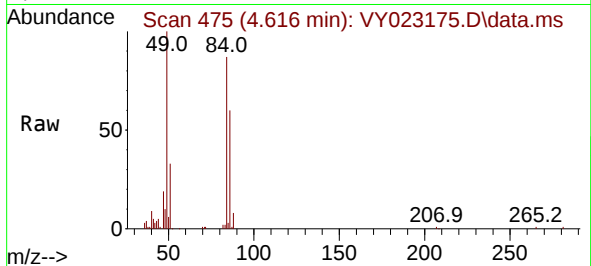




#20
Methylene Chloride
Concen: 3.505 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

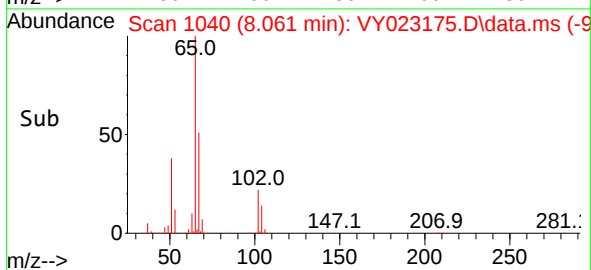
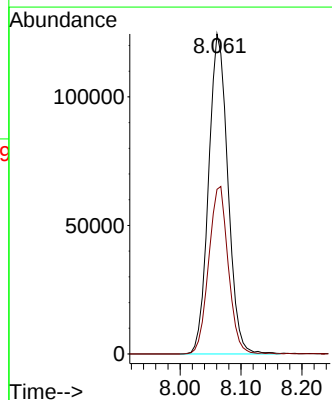
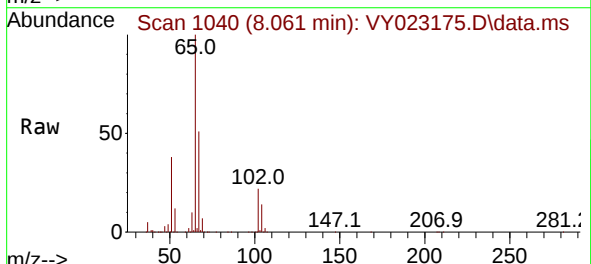
Instrument :
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ClientSampleId :
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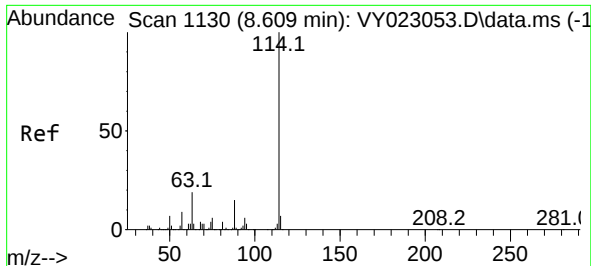
Tgt Ion:	84	Resp:	32382
Ion	Ratio	Lower	Upper
84	100		
49	114.9	93.0	139.6
51	37.4	29.0	43.4
86	68.4	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 57.423 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion:	65	Resp:	273794
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8

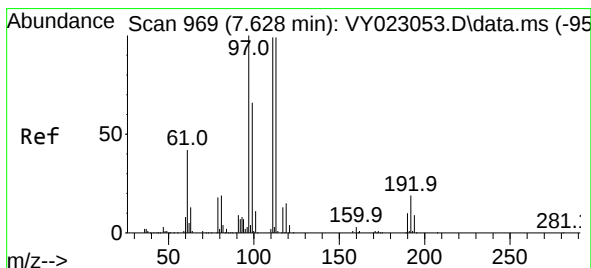
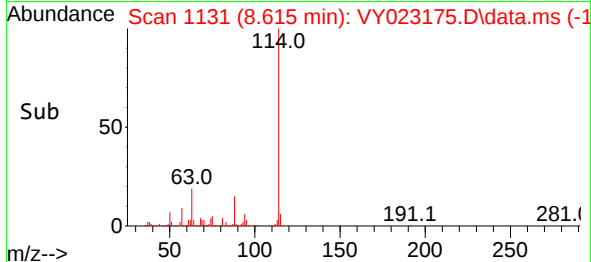
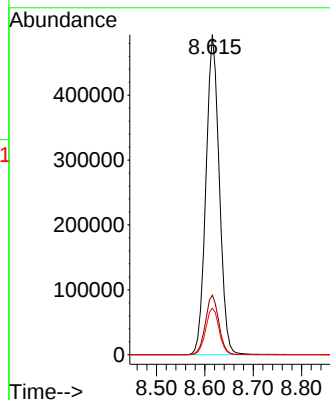
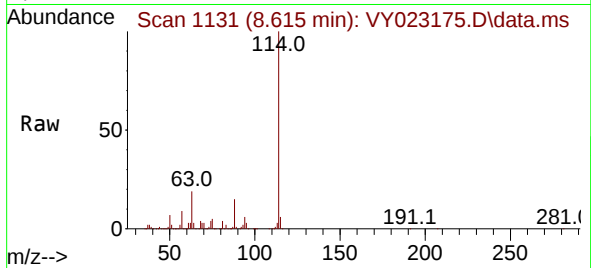




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

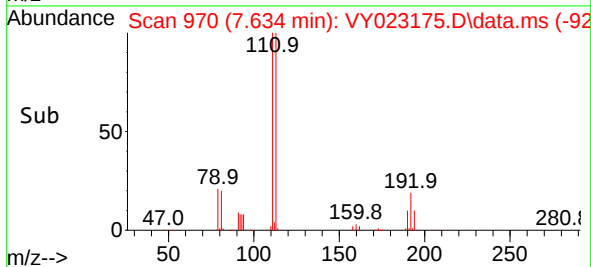
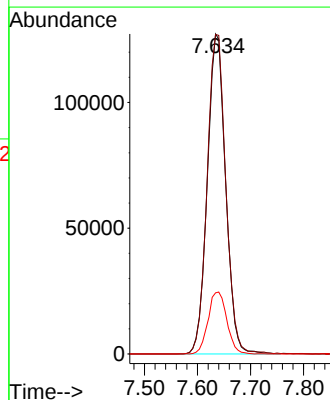
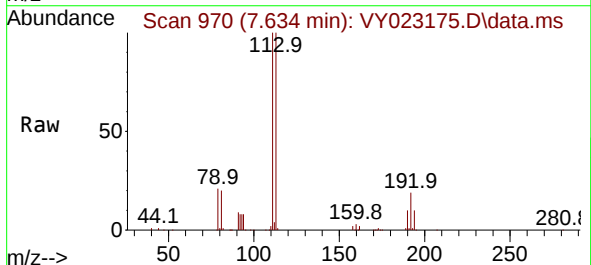
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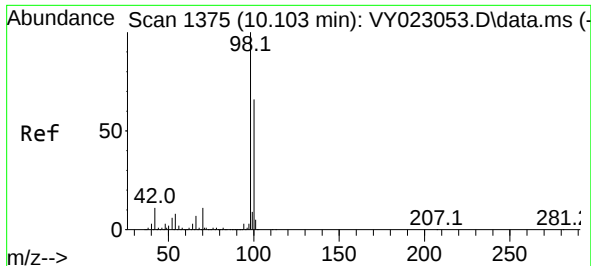
Tgt Ion:114 Resp: 945353
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 14.6 0.0 30.0



#35
Dibromofluoromethane
Concen: 53.937 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion:113 Resp: 305105
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 19.8 16.2 24.4

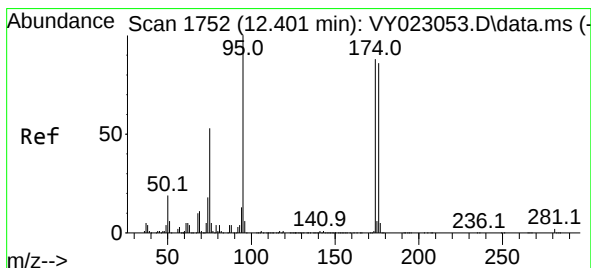
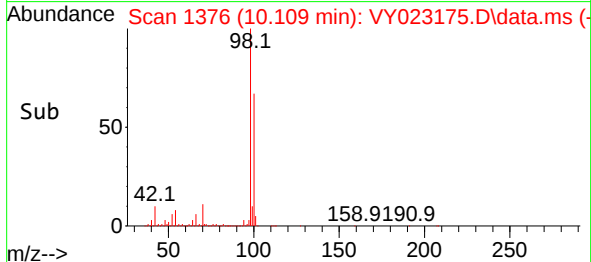
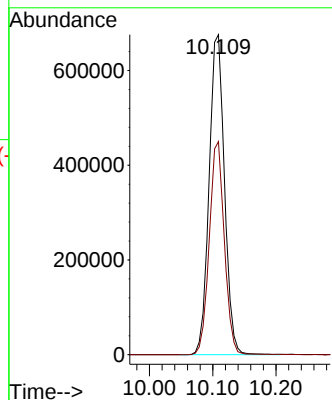
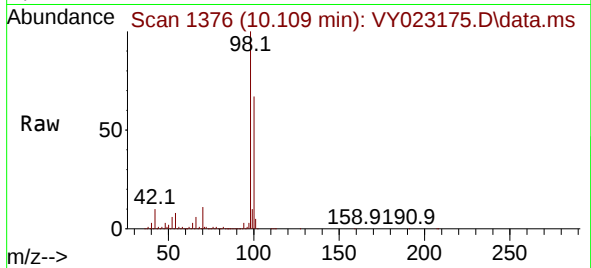




#50
Toluene-d8
Concen: 51.694 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

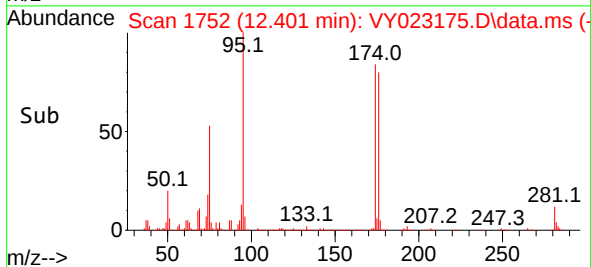
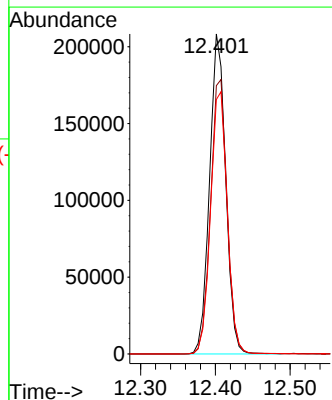
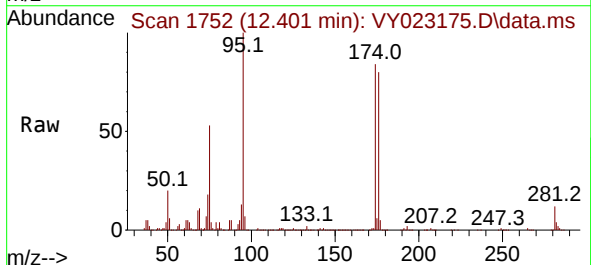
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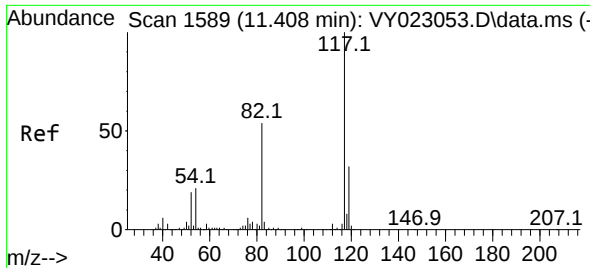
Tgt Ion: 98 Resp: 1142363
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.010 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion: 95 Resp: 312766
Ion Ratio Lower Upper
95 100
174 88.5 0.0 171.6
176 85.1 0.0 167.6

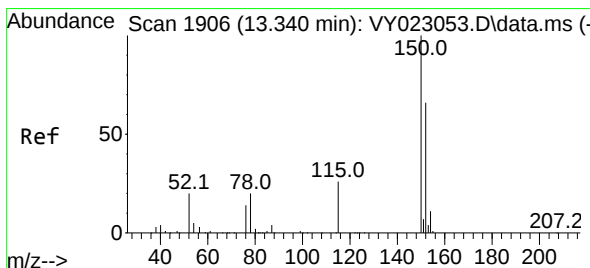
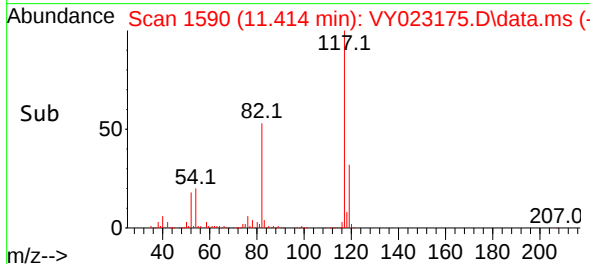
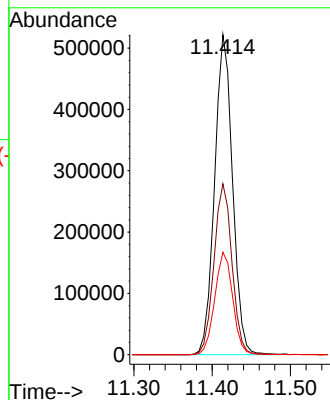
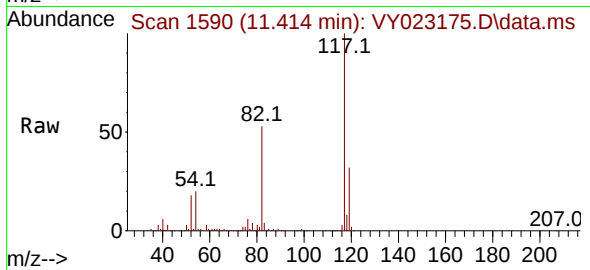




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Tgt Ion:117 Resp: 831619
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion:152 Resp: 308457
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.6
150 156.9 0.0 348.0

