

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
 Data File : VY023656.D
 Acq On : 03 Nov 2025 14:13
 Operator : SY/MD
 Sample : Q3520-01
 Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-103125

Quant Time: Nov 04 01:33:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

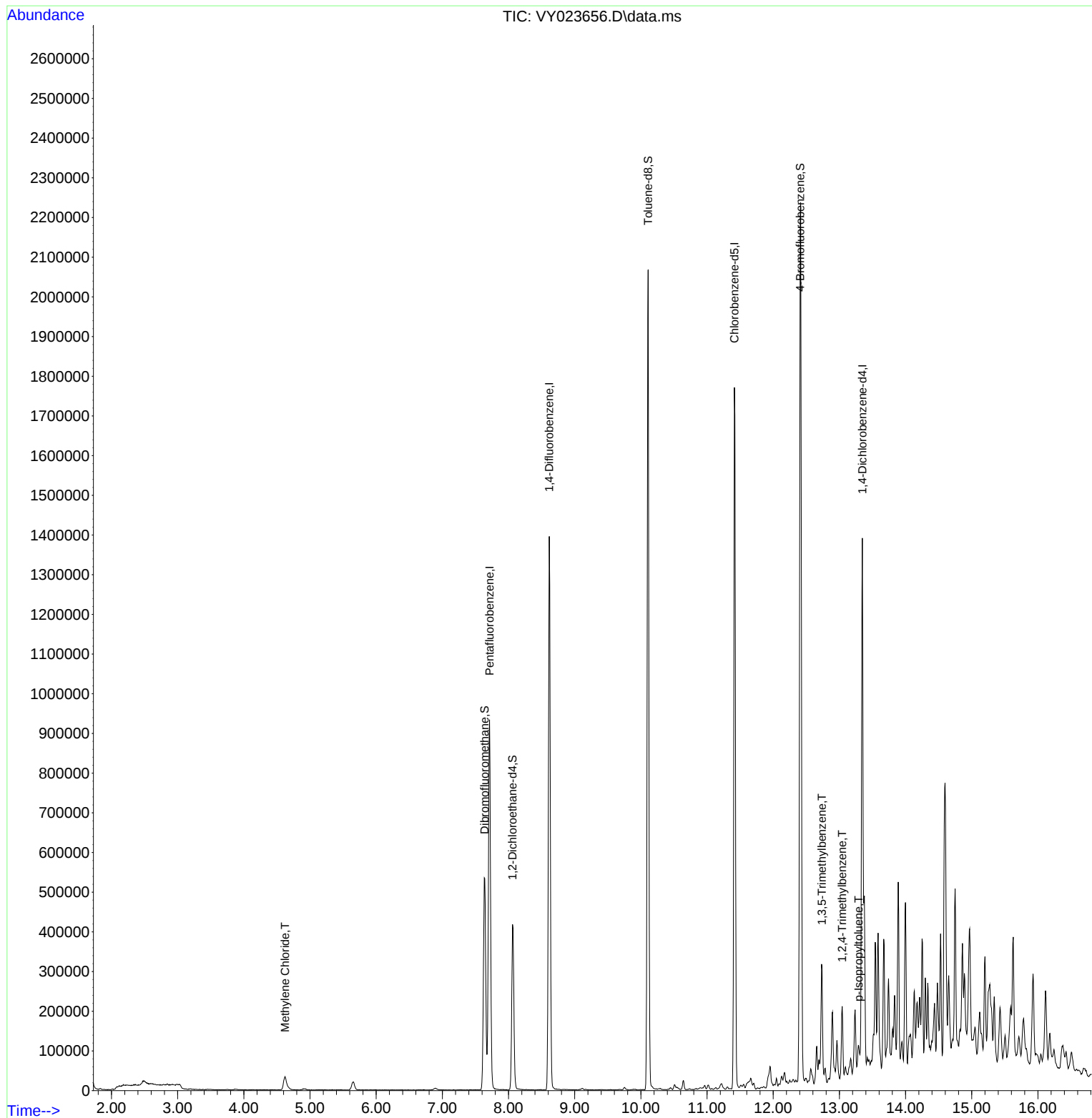
Internal Standards						
1) Pentafluorobenzene	7.713	168	780473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1262917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1020424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	366348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	328437	50.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.640	113	391260	50.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.840%	
50) Toluene-d8	10.109	98	1390167	48.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.200%	
62) 4-Bromofluorobenzene	12.408	95	387093	40.571	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.140%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.623	84	26694	3.177	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	104005	5.331	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	95462	4.903	ug/l	99
86) p-Isopropyltoluene	13.292	119	22067	1.003	ug/l	99

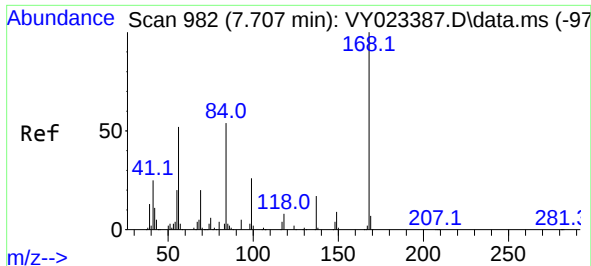
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023656.D
Acq On : 03 Nov 2025 14:13
Operator : SY/MD
Sample : Q3520-01
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

Quant Time: Nov 04 01:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

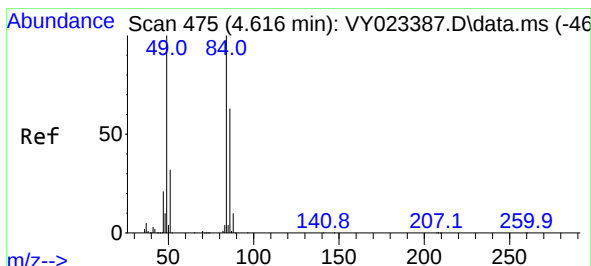
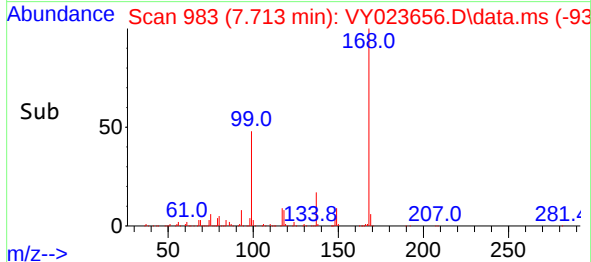
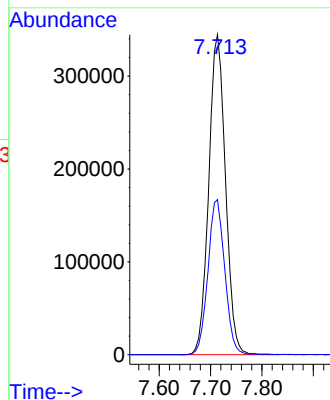
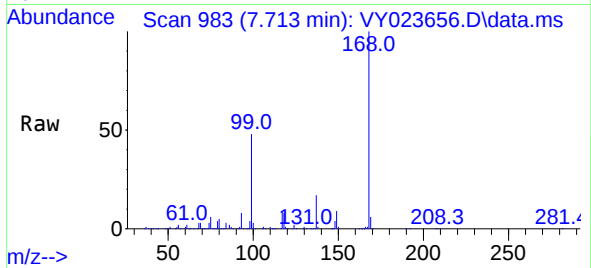




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

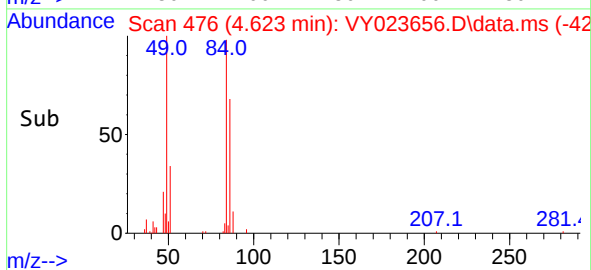
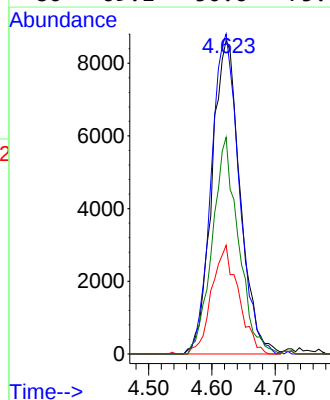
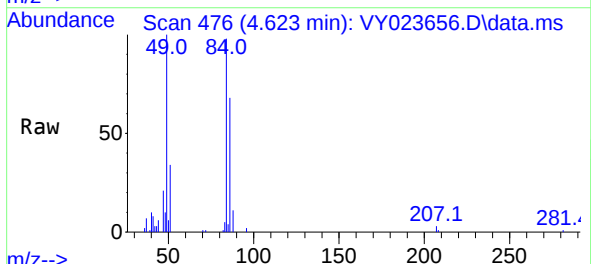
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

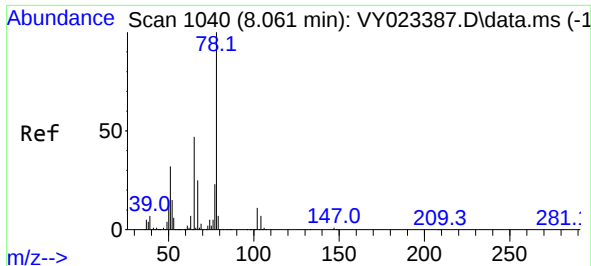
Tgt Ion:168 Resp: 780473
Ion Ratio Lower Upper
168 100
99 48.4 39.7 59.5



#20
Methylene Chloride
Concen: 3.177 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

Tgt Ion: 84 Resp: 26694
Ion Ratio Lower Upper
84 100
49 102.1 80.2 120.4
51 34.7 25.9 38.9
86 69.1 50.6 75.8

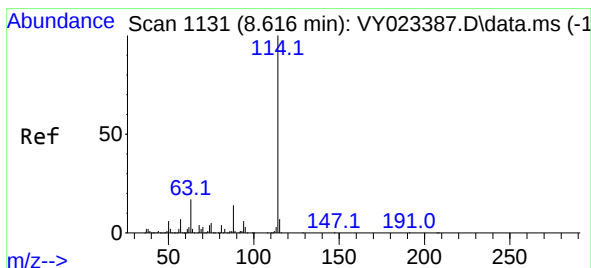
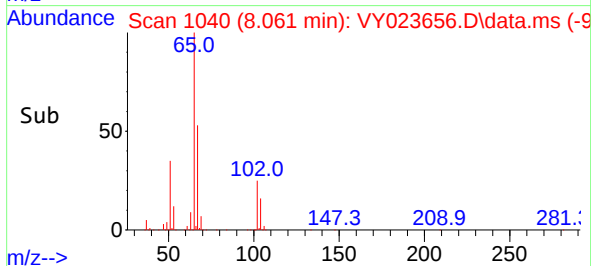
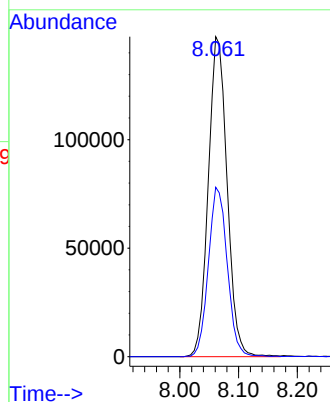
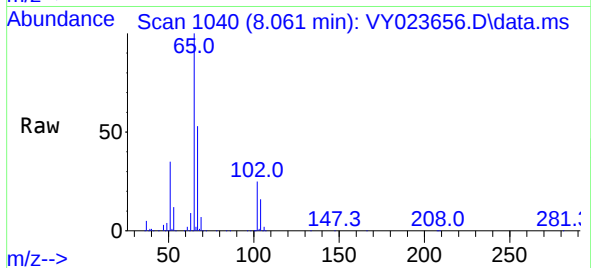




#33
1,2-Dichloroethane-d4
Concen: 50.324 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

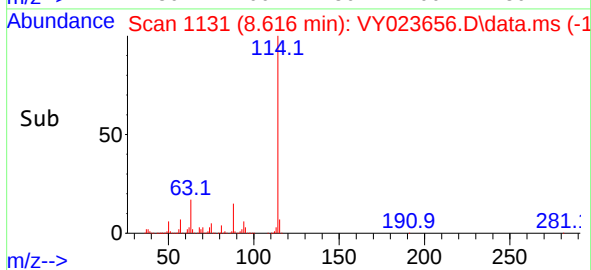
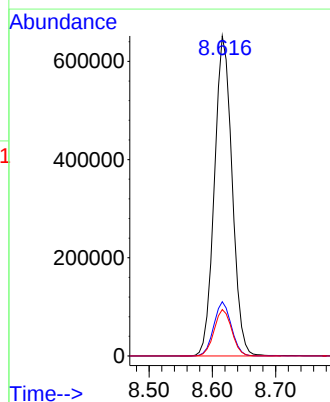
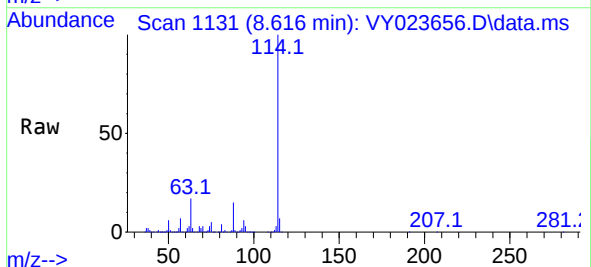
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

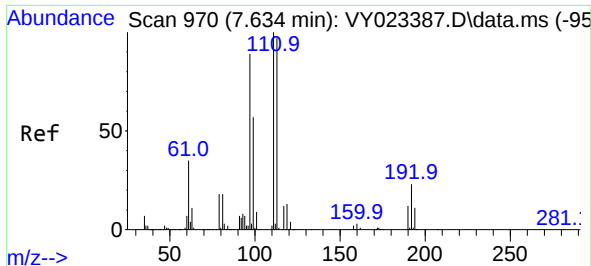
Tgt Ion: 65 Resp: 328437
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

Tgt Ion:114 Resp: 1262917
Ion Ratio Lower Upper
114 100
63 16.9 0.0 34.2
88 14.5 0.0 28.4

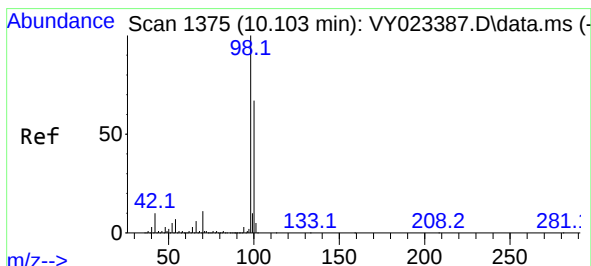
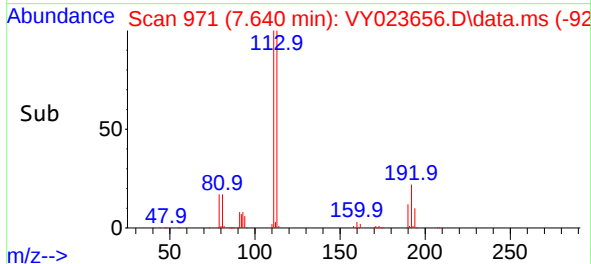
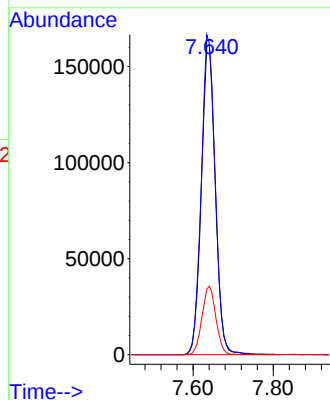
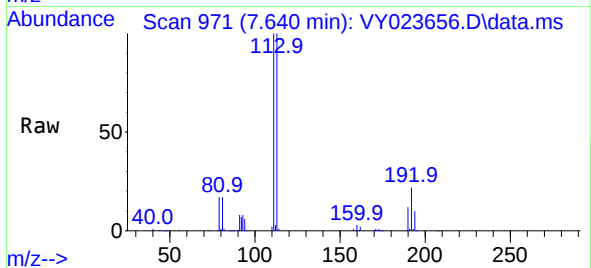




#35
Dibromofluoromethane
Concen: 50.420 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

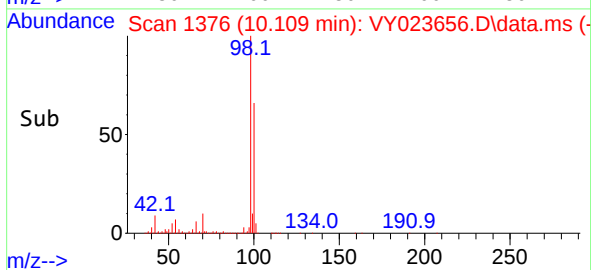
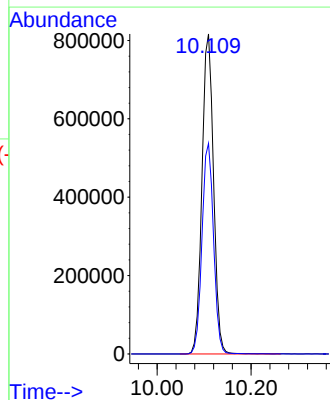
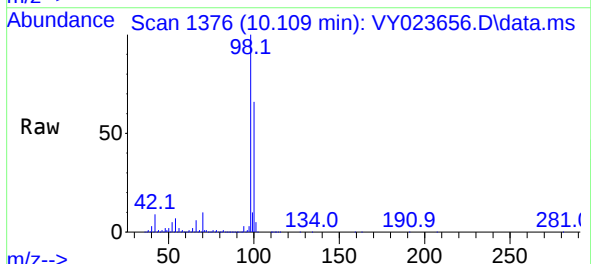
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

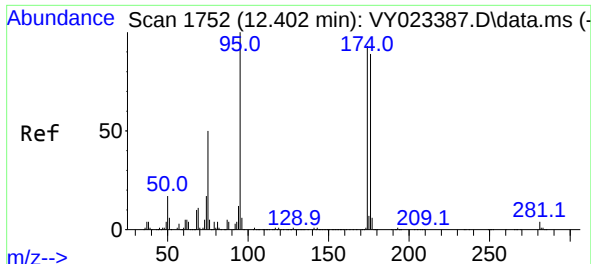
Tgt Ion:113 Resp: 391260
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 21.9 18.0 27.0



#50
Toluene-d8
Concen: 48.104 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

Tgt Ion: 98 Resp: 1390167
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4

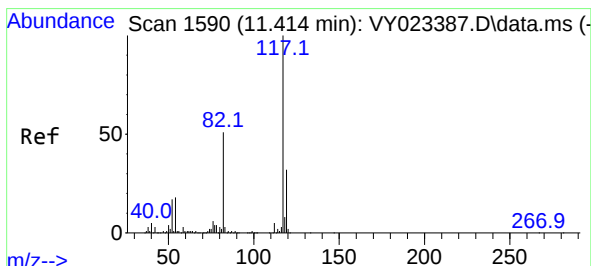
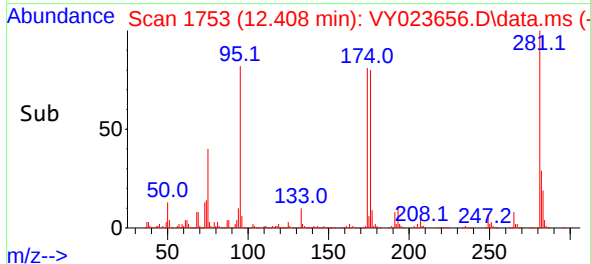
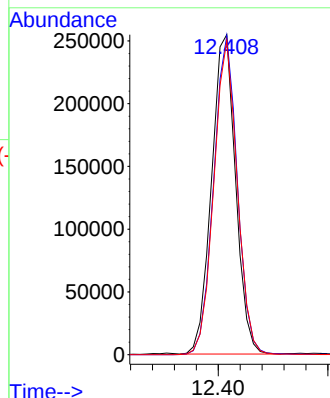
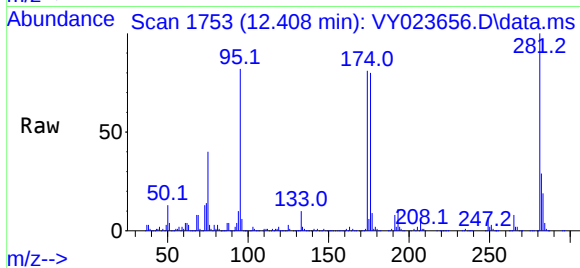




#62
4-Bromofluorobenzene
Concen: 40.571 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

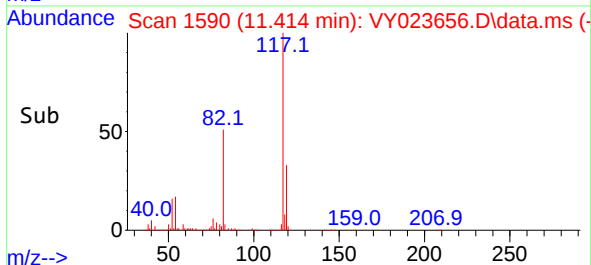
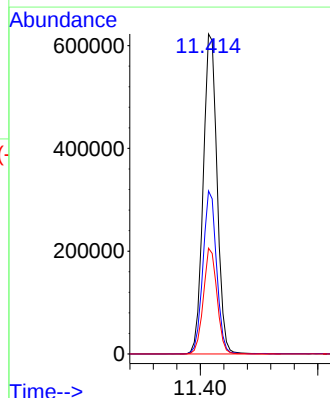
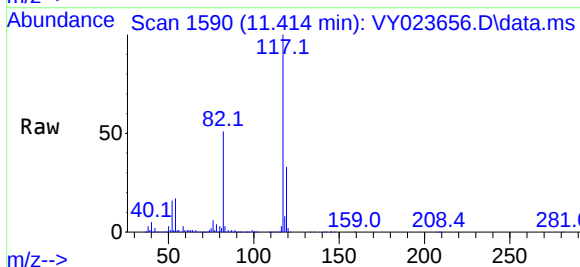
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

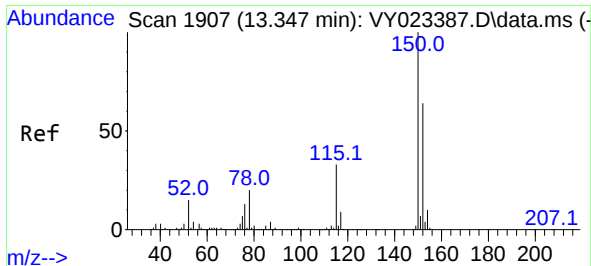
Tgt Ion: 95 Resp: 387093
Ion Ratio Lower Upper
95 100
174 98.4 0.0 192.8
176 96.2 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

Tgt Ion: 117 Resp: 1020424
Ion Ratio Lower Upper
117 100
82 50.9 41.0 61.4
119 33.1 25.6 38.4

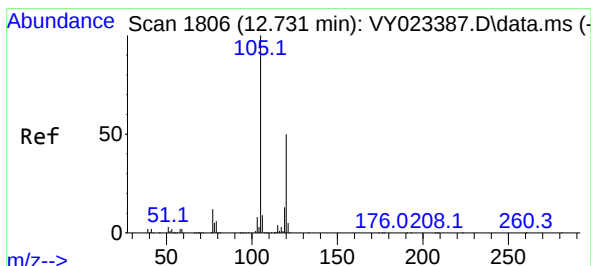
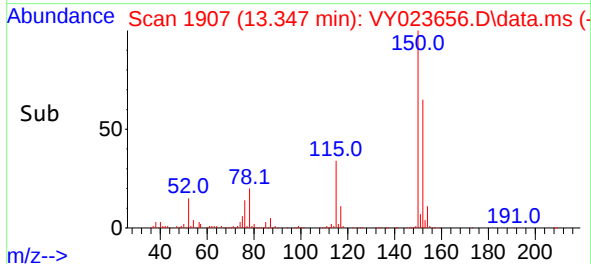
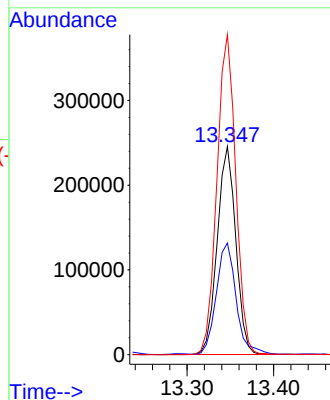
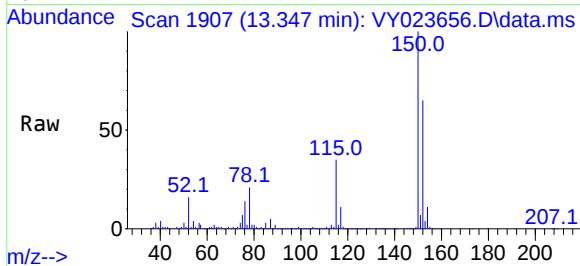




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY023656.D
 Acq: 03 Nov 2025 14:13

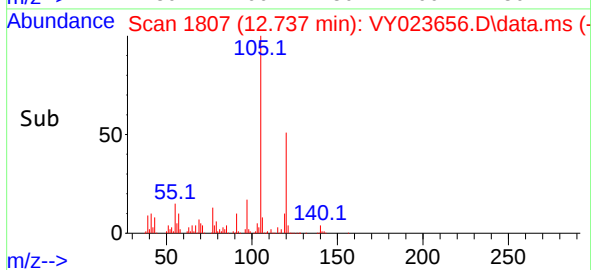
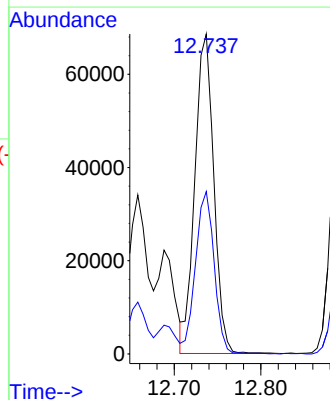
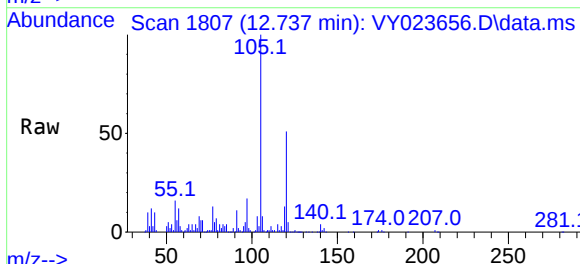
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-103125

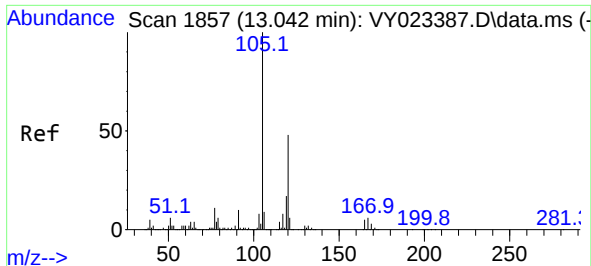
Tgt Ion:152 Resp: 366348
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.1 81.2
 150 156.3 0.0 347.4



#80
 1,3,5-Trimethylbenzene
 Concen: 5.331 ug/l
 RT: 12.737 min Scan# 1807
 Delta R.T. 0.006 min
 Lab File: VY023656.D
 Acq: 03 Nov 2025 14:13

Tgt Ion:105 Resp: 104005
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.4

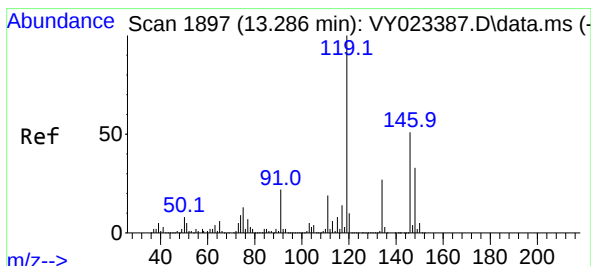
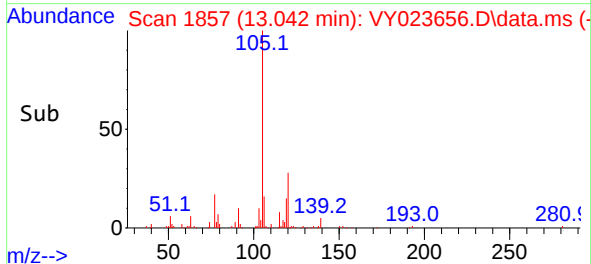
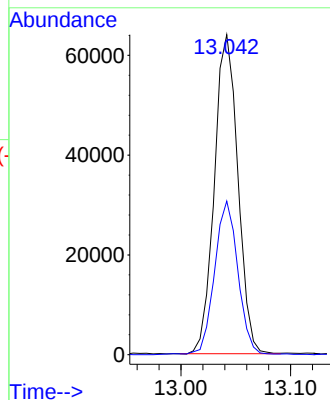
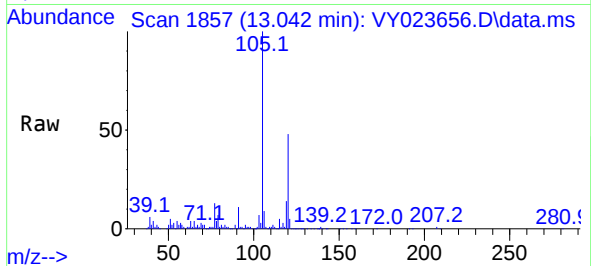




#84
1,2,4-Trimethylbenzene
Concen: 4.903 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

Tgt Ion:105 Resp: 95462
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.2



#86
p-Isopropyltoluene
Concen: 1.003 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023656.D
Acq: 03 Nov 2025 14:13

Tgt Ion:119 Resp: 22067
Ion Ratio Lower Upper
119 100
134 27.8 13.6 40.7
91 21.9 10.9 32.9

