

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021647.D
 Acq On : 26 Mar 2025 15:24
 Operator : SY/MD
 Sample : Q1637-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-032525

Quant Time: Mar 27 01:32:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

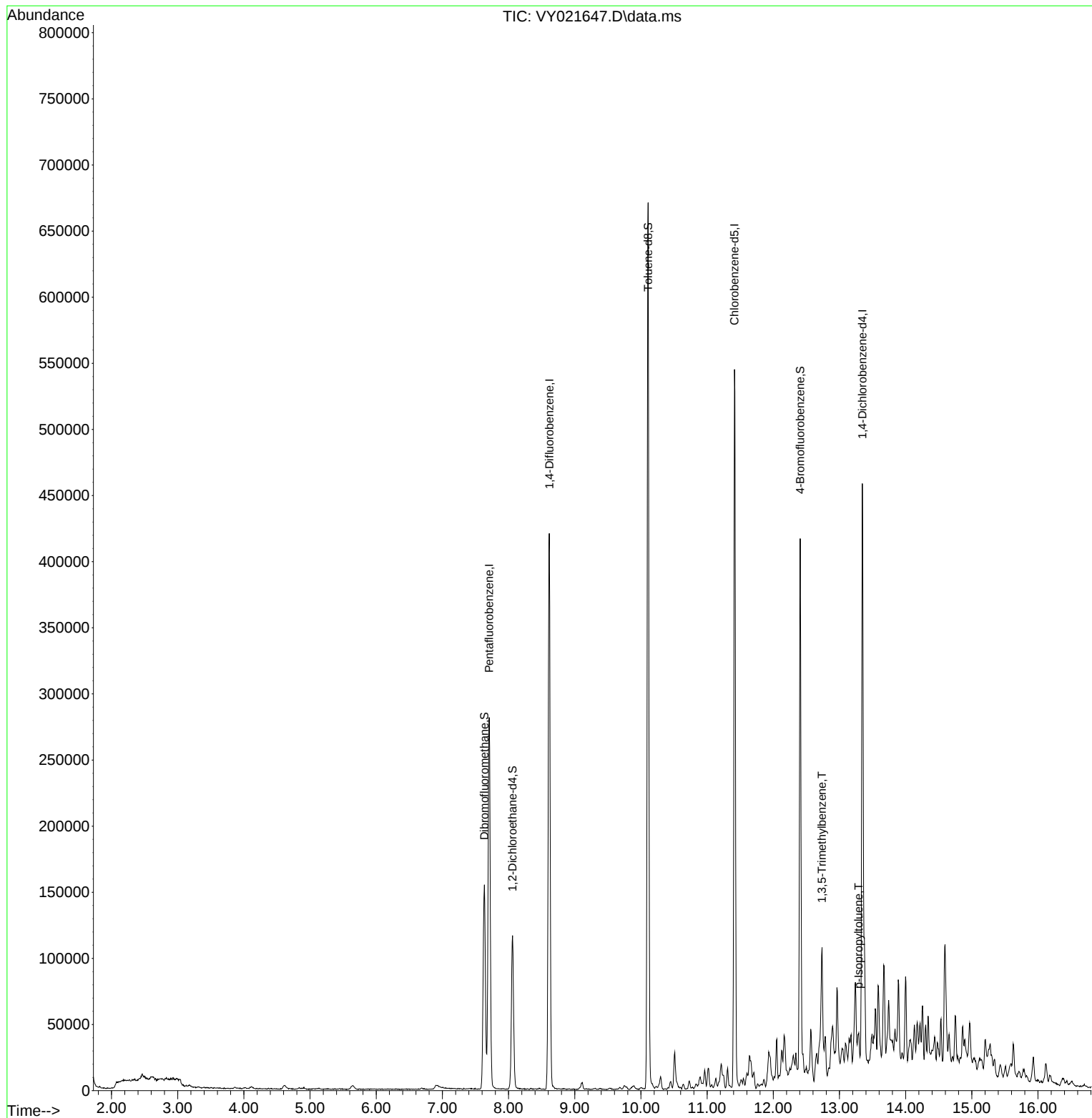
Internal Standards						
1) Pentafluorobenzene	7.707	168	209508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	354013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	284589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	107485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	91277	41.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.440%
35) Dibromofluoromethane	7.634	113	107582	46.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.460%
50) Toluene-d8	10.109	98	420608	47.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.407	95	116770	38.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.920%
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	12.736	105	19821	2.881	ug/l	98
86) p-Isopropyltoluene	13.291	119	8355	1.110	ug/l	98

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

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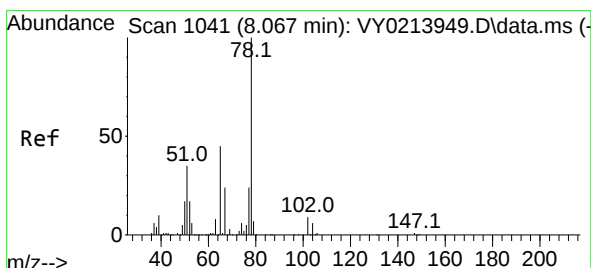
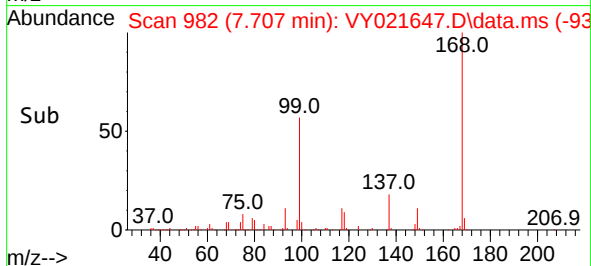
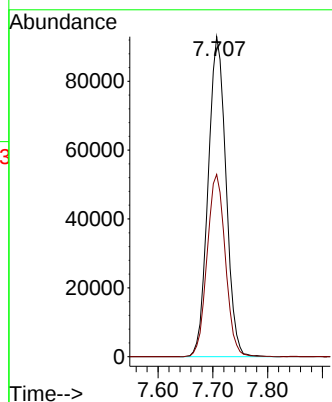
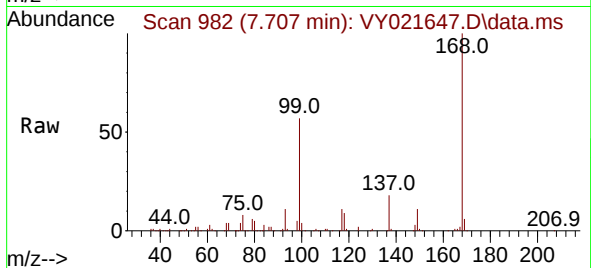




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021647.D
Acq: 26 Mar 2025 15:24

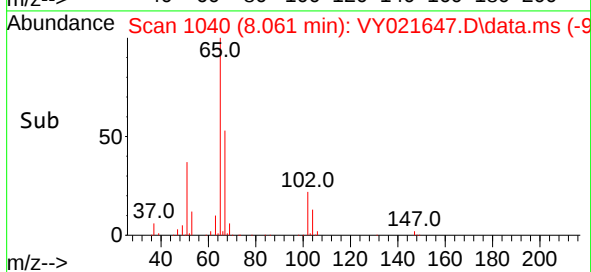
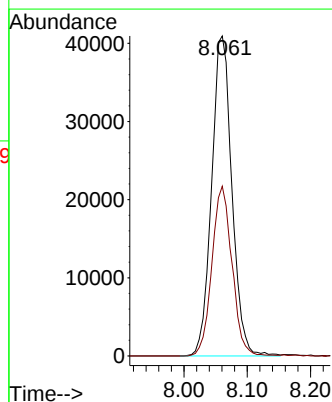
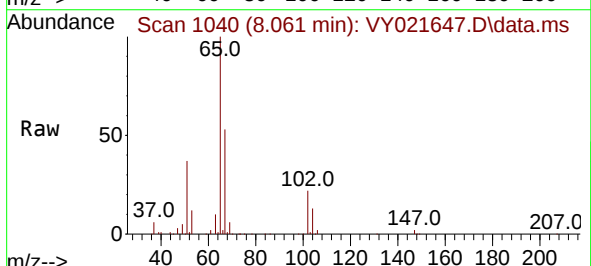
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

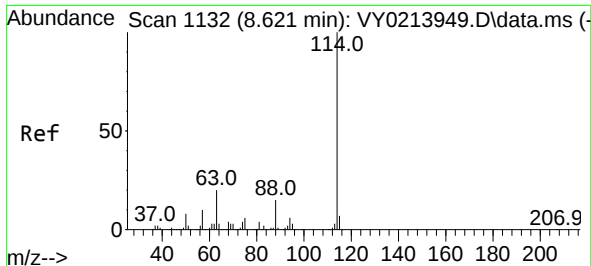
Tgt Ion:168 Resp: 209508
Ion Ratio Lower Upper
168 100
99 56.9 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 41.220 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021647.D
Acq: 26 Mar 2025 15:24

Tgt Ion: 65 Resp: 91277
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.8

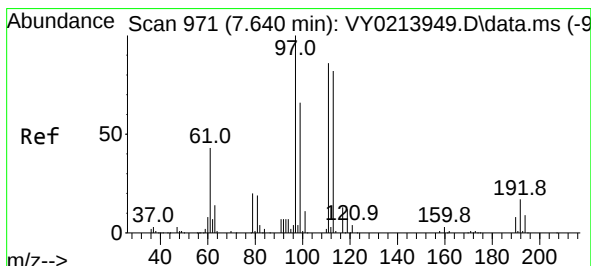
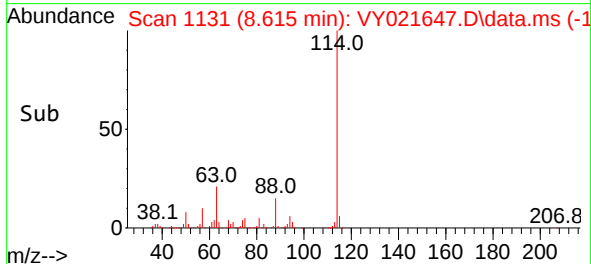
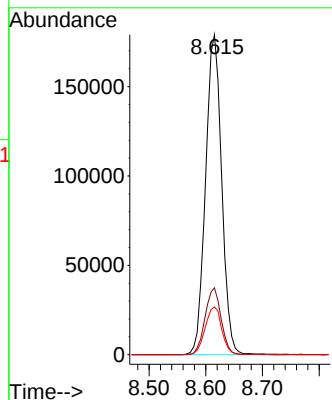
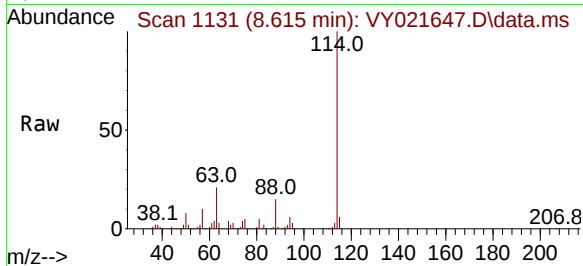




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021647.D
Acq: 26 Mar 2025 15:24

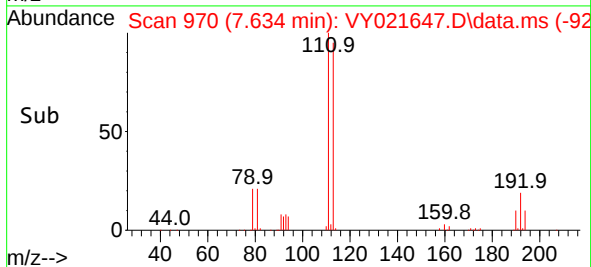
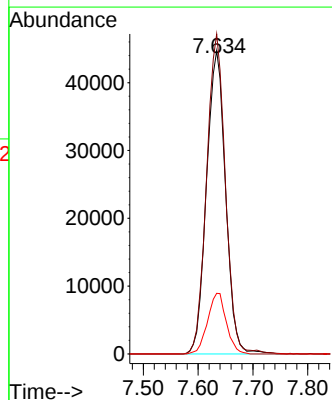
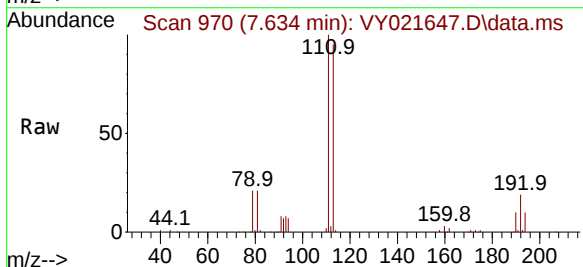
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

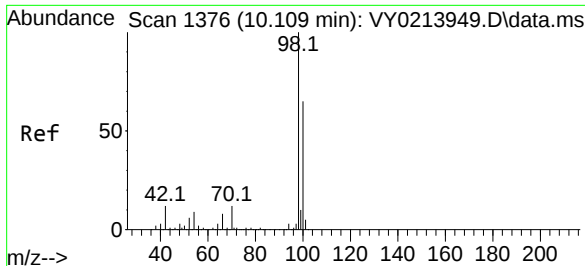
Tgt Ion:114 Resp: 354013
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 46.232 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021647.D
Acq: 26 Mar 2025 15:24

Tgt Ion:113 Resp: 107582
Ion Ratio Lower Upper
113 100
111 104.4 82.0 123.0
192 19.7 15.9 23.9

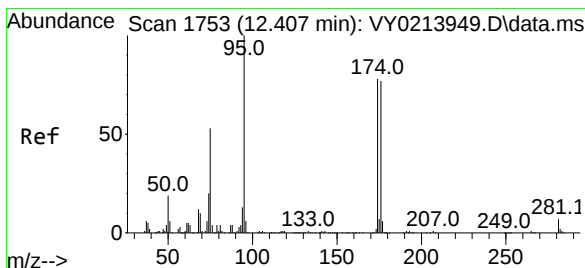
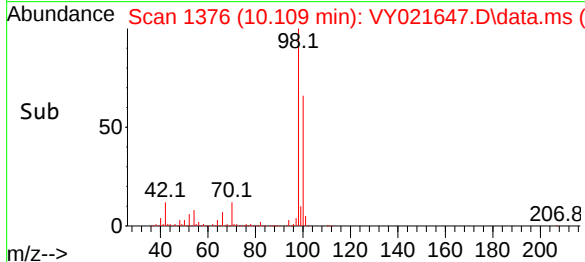
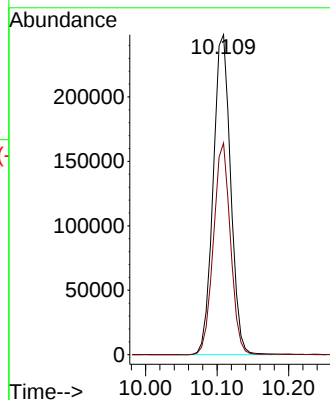
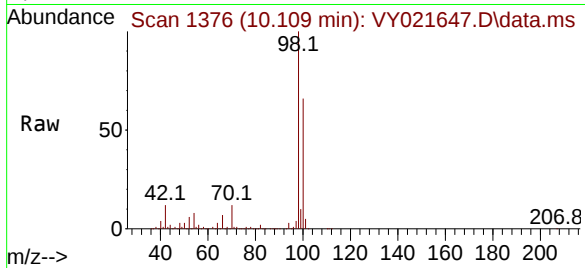




#50
Toluene-d8
Concen: 47.738 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021647.D
Acq: 26 Mar 2025 15:24

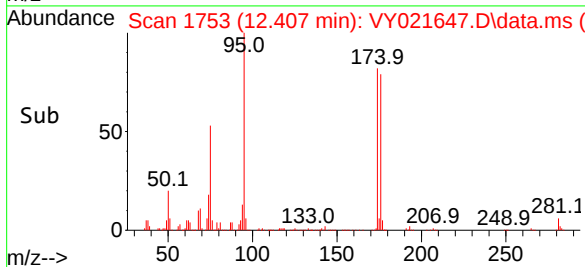
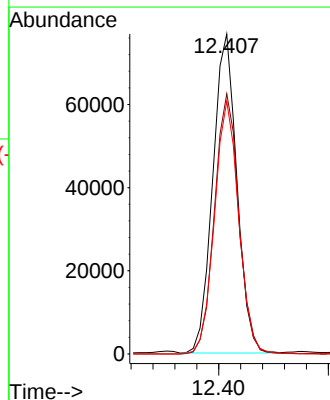
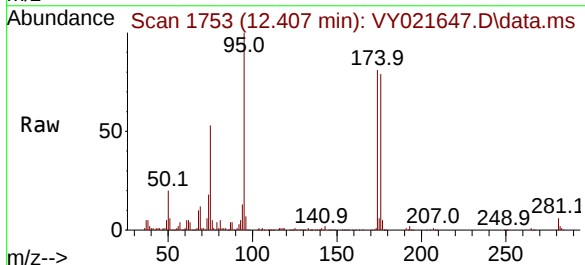
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

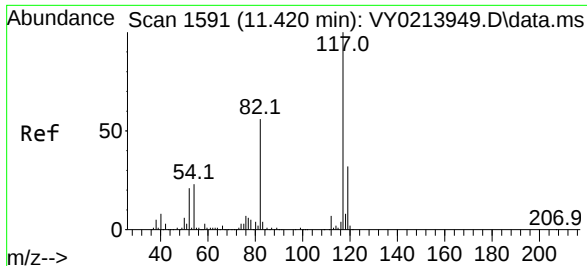
Tgt Ion: 98 Resp: 420608
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.962 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021647.D
Acq: 26 Mar 2025 15:24

Tgt Ion: 95 Resp: 116770
Ion Ratio Lower Upper
95 100
174 82.3 0.0 165.0
176 79.8 0.0 160.0

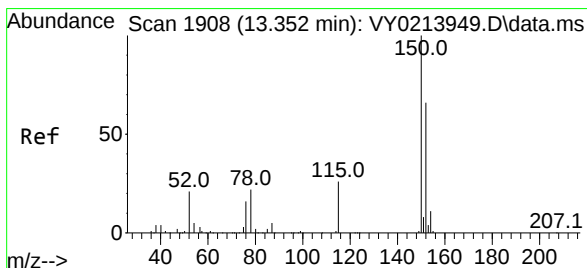
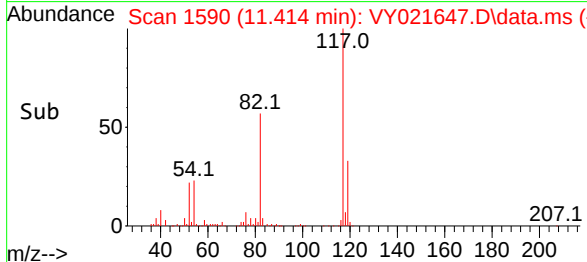
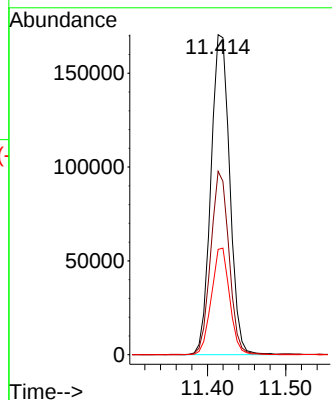
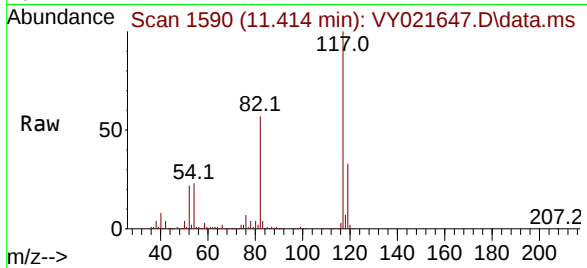




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY021647.D
Acq: 26 Mar 2025 15:24

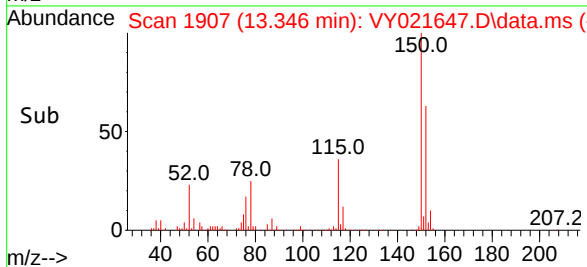
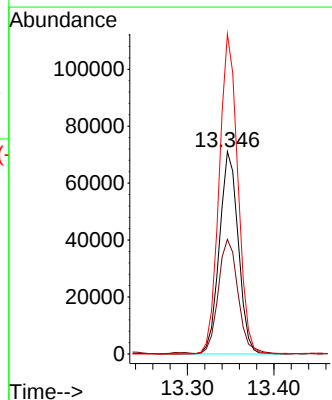
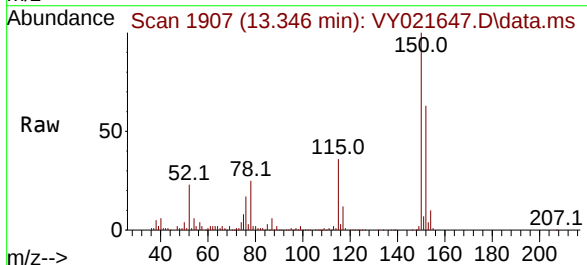
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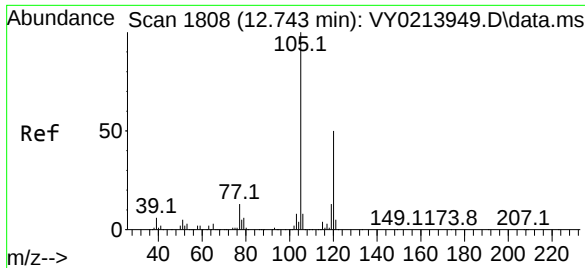
Tgt Ion:117 Resp: 284589
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021647.D
Acq: 26 Mar 2025 15:24

Tgt Ion:152 Resp: 107485
Ion Ratio Lower Upper
152 100
115 59.4 29.0 87.0
150 156.6 0.0 347.2

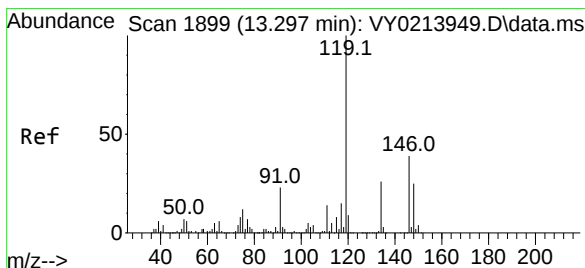
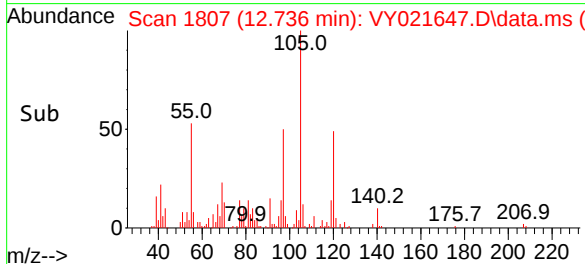
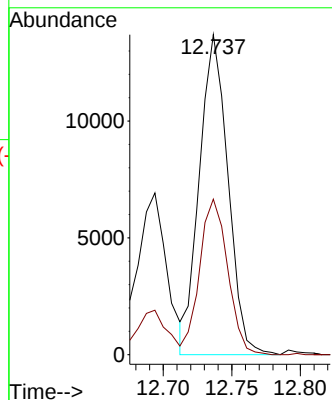
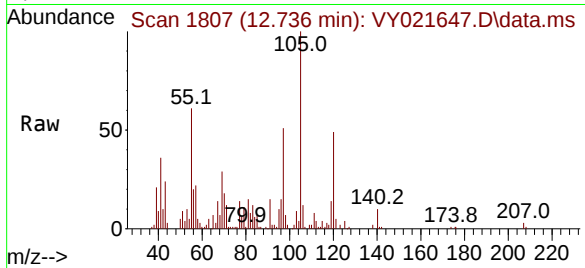




#80
 1,3,5-Trimethylbenzene
 Concen: 2.881 ug/l
 RT: 12.736 min Scan# 1807
 Delta R.T. -0.006 min
 Lab File: VY021647.D
 Acq: 26 Mar 2025 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-032525

Tgt Ion:105 Resp: 19821
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.6 73.6



#86
 p-Isopropyltoluene
 Concen: 1.110 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021647.D
 Acq: 26 Mar 2025 15:24

Tgt Ion:119 Resp: 8355
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.0 12.2 36.6

