

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021434.D
 Acq On : 06 Mar 2025 15:02
 Operator : SY/MD
 Sample : Q1479-02
 Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DSP2

Quant Time: Mar 07 00:40:30 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)

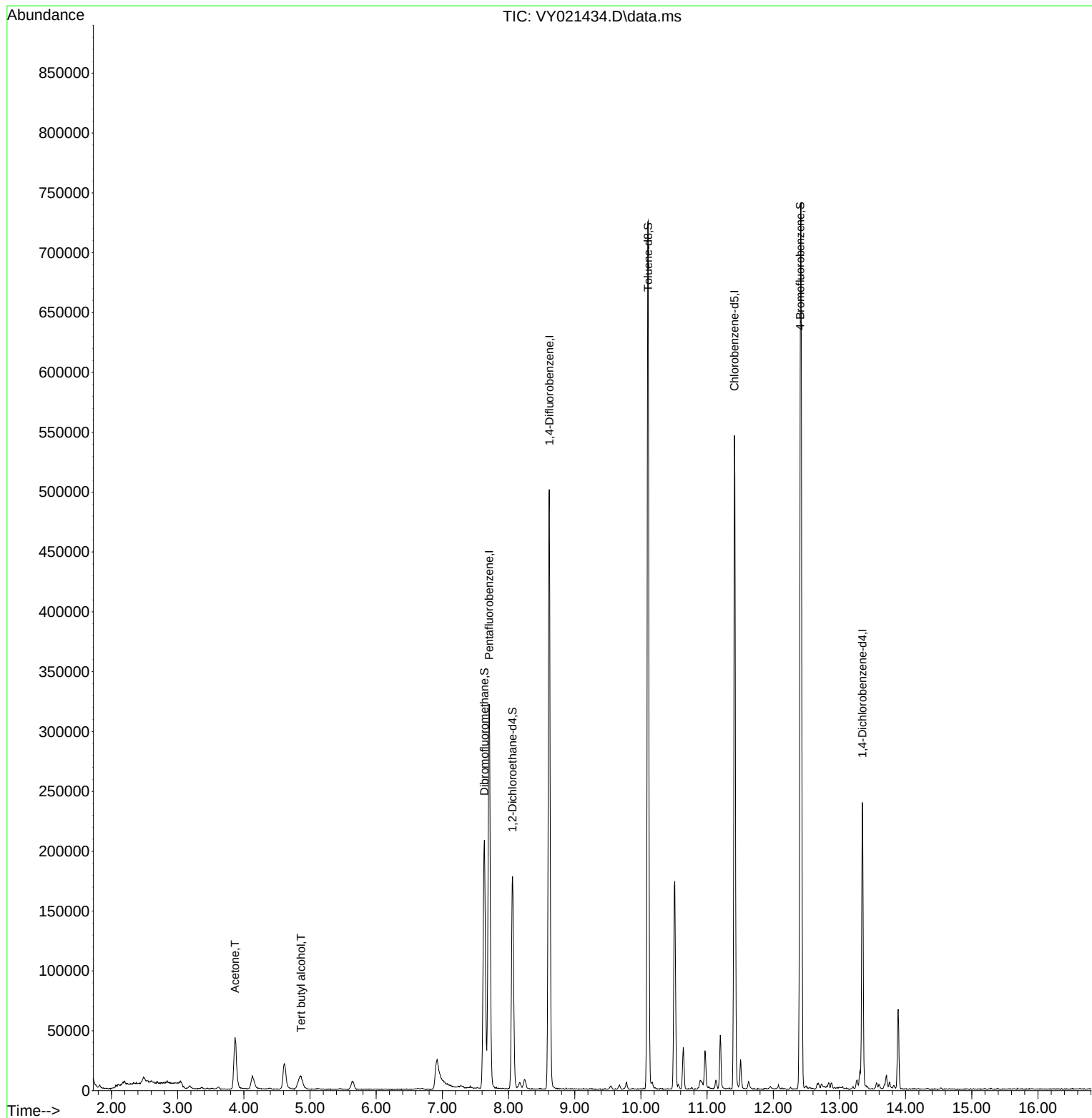
Internal Standards						
1) Pentafluorobenzene	7.707	168	238715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	411777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	278011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	57595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141309	56.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.020%	
35) Dibromofluoromethane	7.634	113	146703	54.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.400%	
50) Toluene-d8	10.109	98	461537	45.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.080%	
62) 4-Bromofluorobenzene	12.408	95	86337	24.766	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 49.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	20909	115.320	ug/l	100
16) Acetone	3.867	43	79381	144.249	ug/l	90

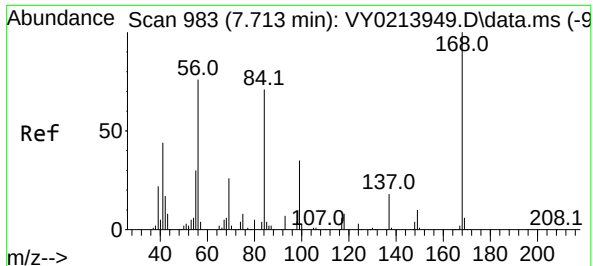
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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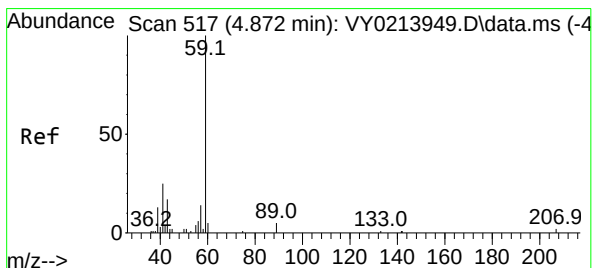
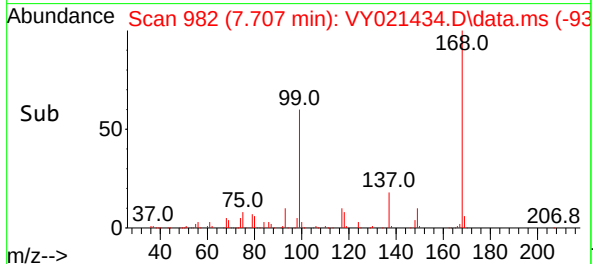
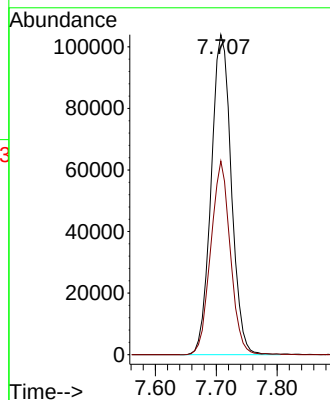
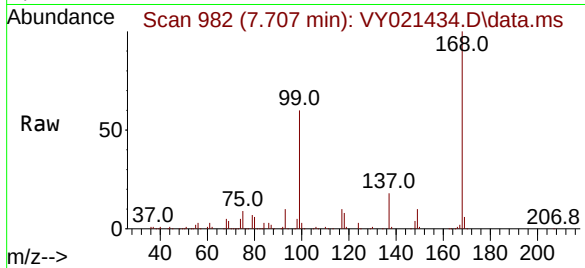




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021434.D
Acq: 06 Mar 2025 15:02

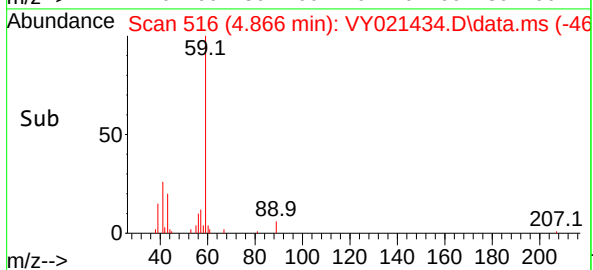
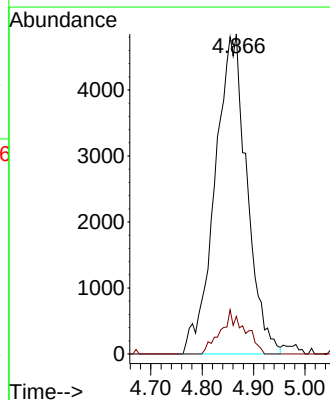
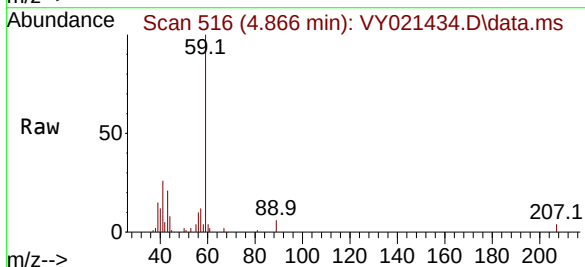
Instrument :
MSVOA_Y
ClientSampleId :
DSP2

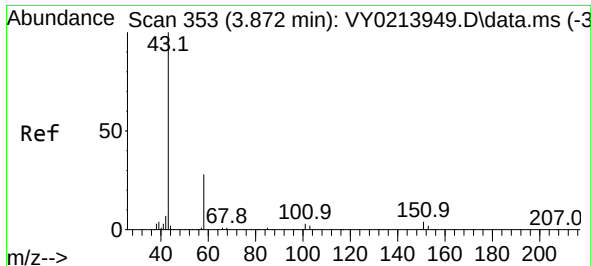
Tgt Ion:168 Resp: 238715
Ion Ratio Lower Upper
168 100
99 60.5 46.0 69.0



#11
Tert butyl alcohol
Concen: 115.320 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021434.D
Acq: 06 Mar 2025 15:02

Tgt Ion: 59 Resp: 20909
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

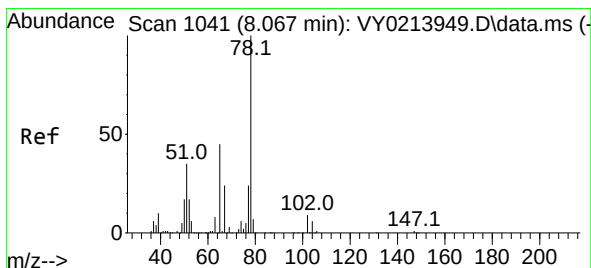
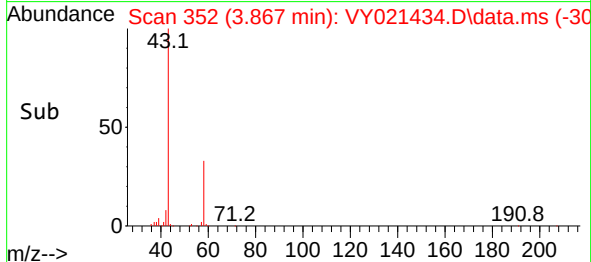
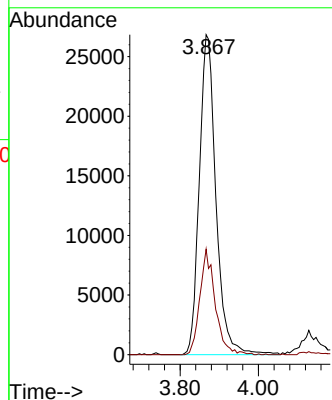
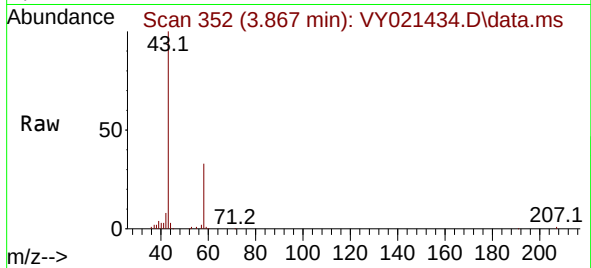




#16
 Acetone
 Concen: 144.249 ug/l
 RT: 3.867 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: VY021434.D
 Acq: 06 Mar 2025 15:02

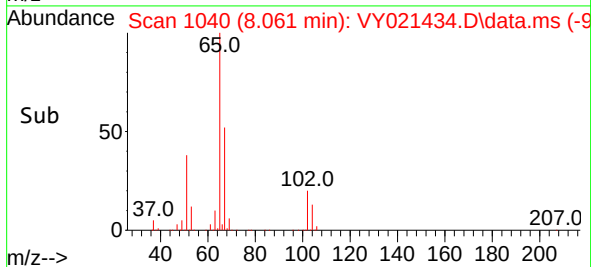
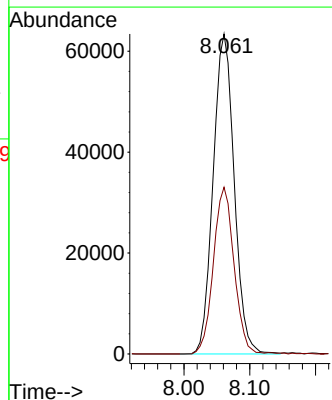
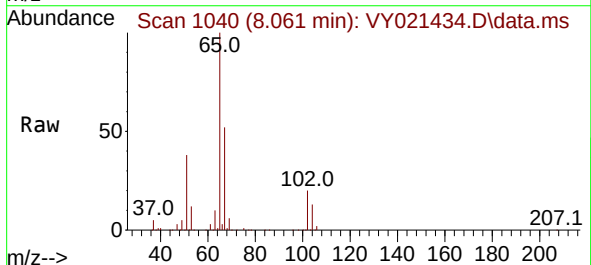
Instrument :
 MSVOA_Y
 ClientSampleId :
 DSP2

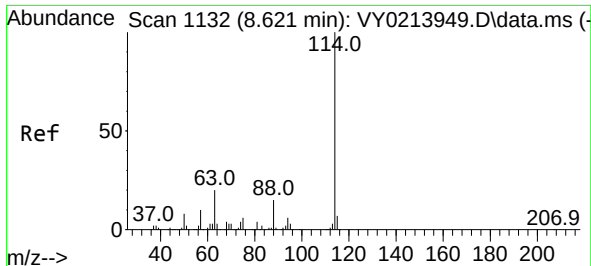
Tgt Ion: 43 Resp: 79381
 Ion Ratio Lower Upper
 43 100
 58 33.0 22.1 33.1



#33
 1,2-Dichloroethane-d4
 Concen: 56.007 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.006 min
 Lab File: VY021434.D
 Acq: 06 Mar 2025 15:02

Tgt Ion: 65 Resp: 141309
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.8

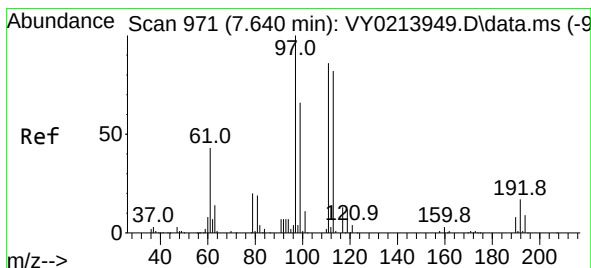
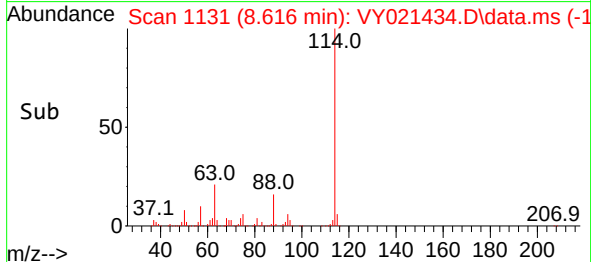
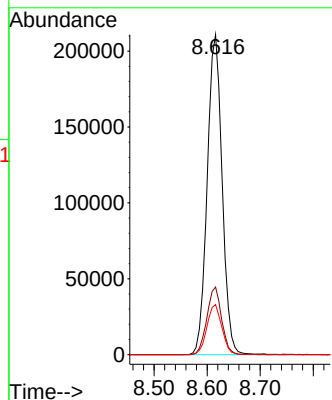
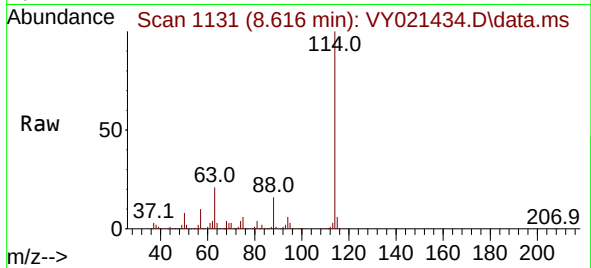




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021434.D
Acq: 06 Mar 2025 15:02

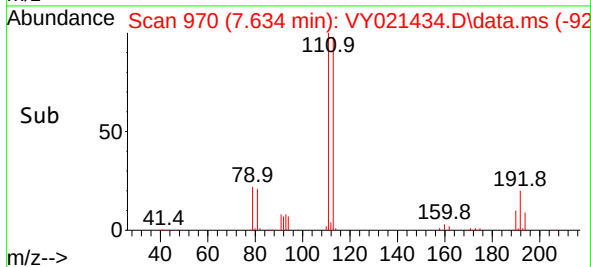
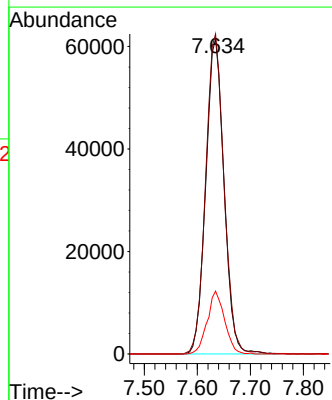
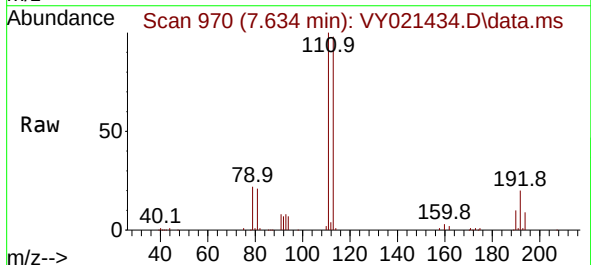
Instrument :
MSVOA_Y
ClientSampleId :
DSP2

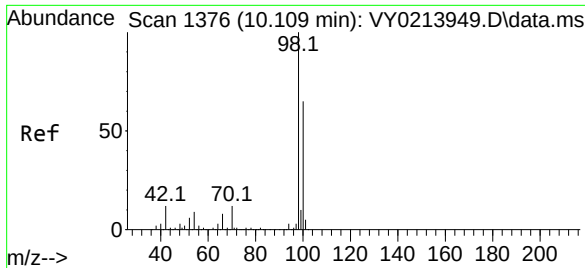
Tgt Ion:114 Resp: 411777
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.201 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021434.D
Acq: 06 Mar 2025 15:02

Tgt Ion:113 Resp: 146703
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 19.0 15.9 23.9

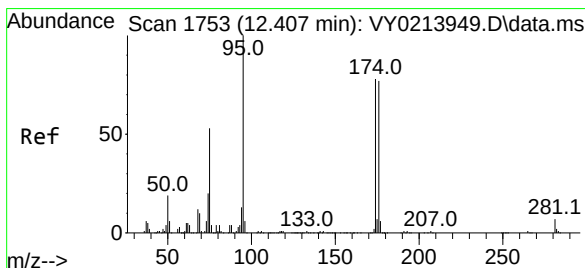
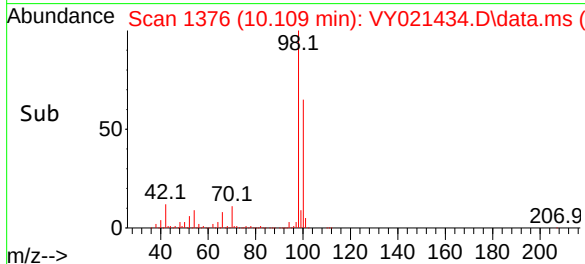
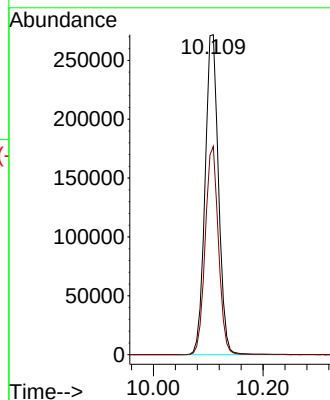
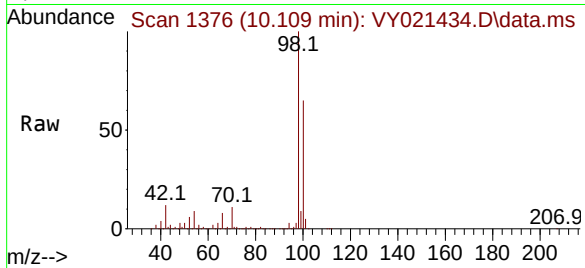




#50
Toluene-d8
Concen: 45.035 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021434.D
Acq: 06 Mar 2025 15:02

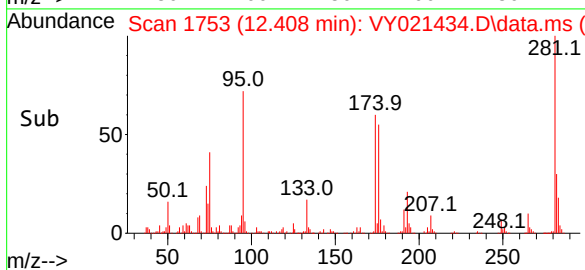
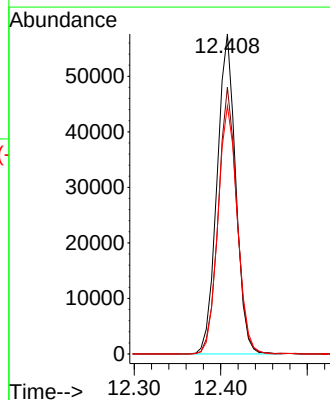
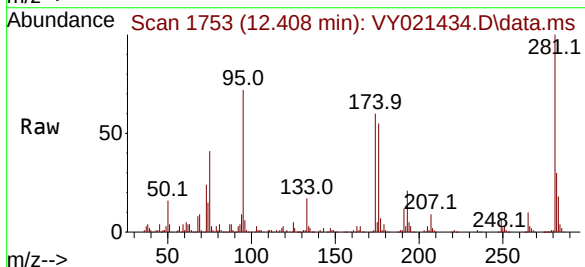
Instrument :
MSVOA_Y
ClientSampleId :
DSP2

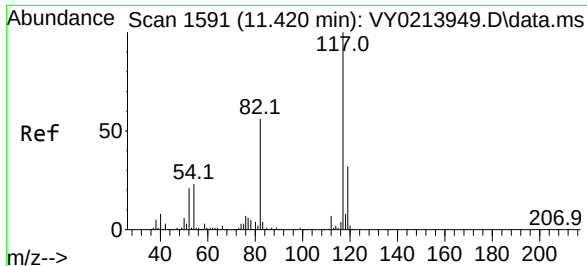
Tgt Ion: 98 Resp: 461537
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 24.766 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021434.D
Acq: 06 Mar 2025 15:02

Tgt Ion: 95 Resp: 86337
Ion Ratio Lower Upper
95 100
174 82.5 0.0 165.0
176 80.5 0.0 160.0

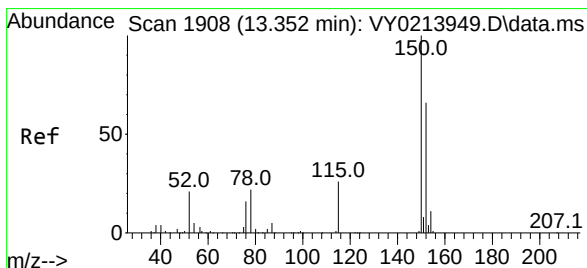
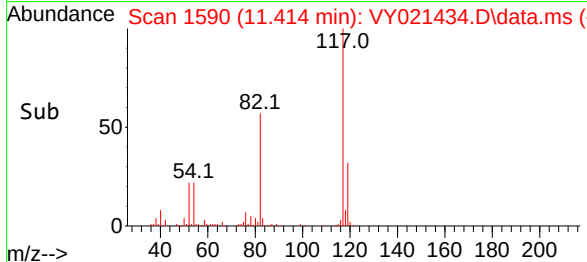
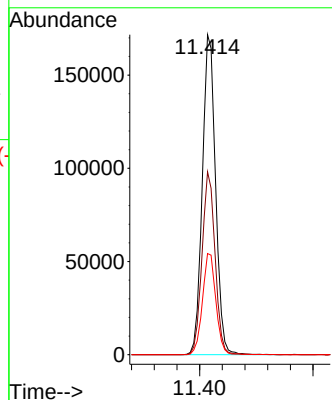
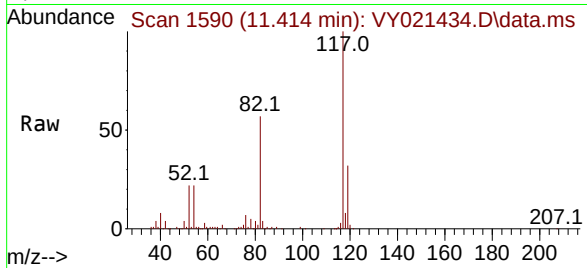




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021434.D
Acq: 06 Mar 2025 15:02

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

Tgt Ion:117 Resp: 278011
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021434.D
Acq: 06 Mar 2025 15:02

Tgt Ion:152 Resp: 57595
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.0
150 158.7 0.0 347.2

