

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021431.D
 Acq On : 06 Mar 2025 13:52
 Operator : SY/MD
 Sample : Q1489-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Mar 07 00:39:53 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)

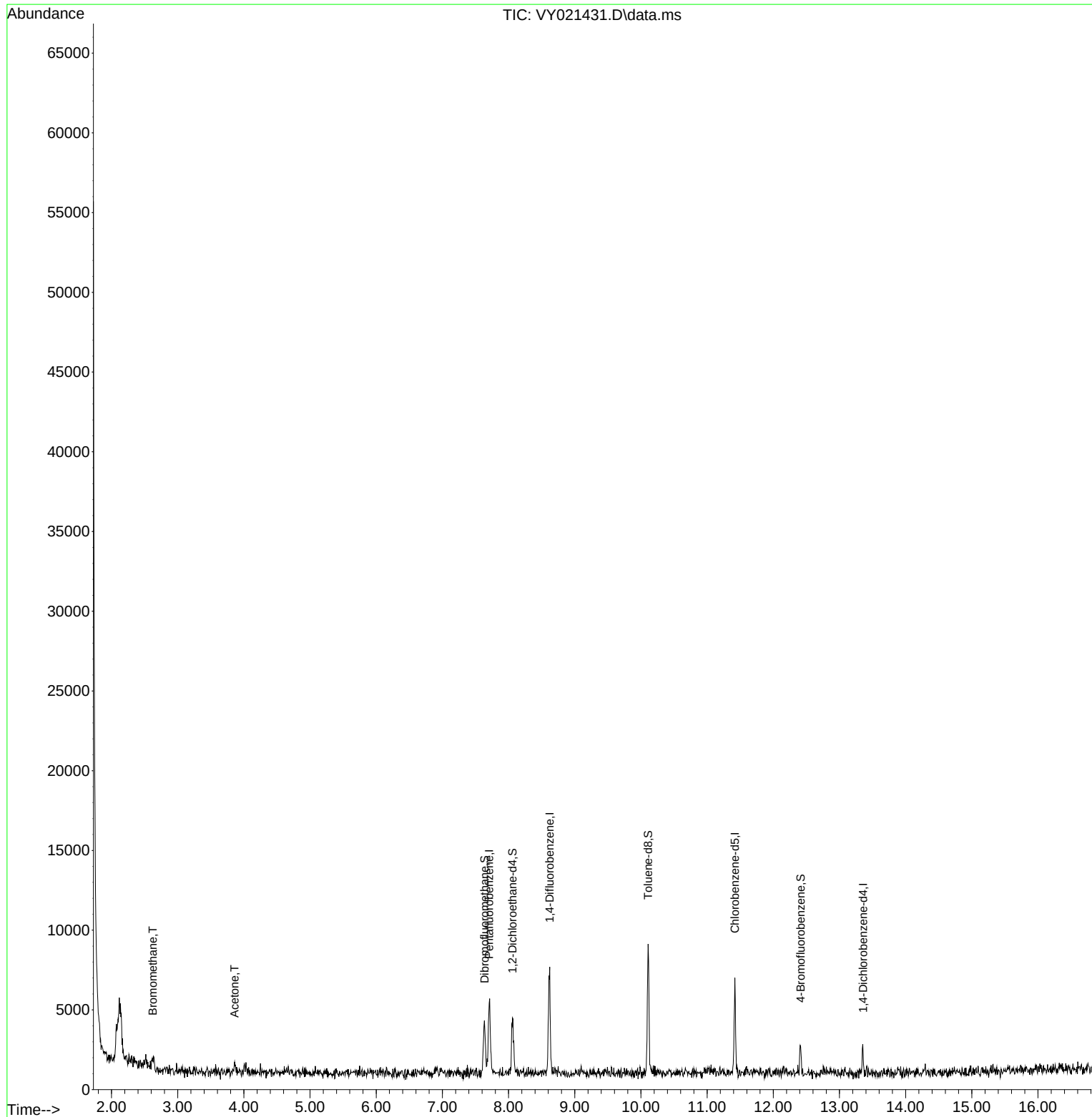
Internal Standards						
1) Pentafluorobenzene	7.707	168	3259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	5448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2998	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	2468	71.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.300%
35) Dibromofluoromethane	7.640	113	2191	61.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.360%
50) Toluene-d8	10.109	98	5110	37.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.380%
62) 4-Bromofluorobenzene	12.413	95	619	13.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	26.840%#
Target Compounds						
						Qvalue
5) Bromomethane	2.622	94	342	10.270	ug/l	# 78
16) Acetone	3.860	43	745	99.163	ug/l	# 72

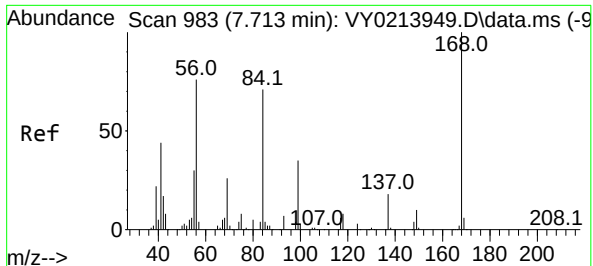
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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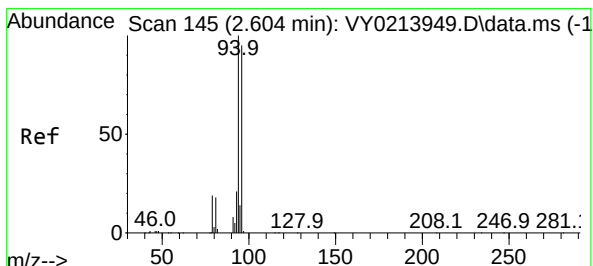
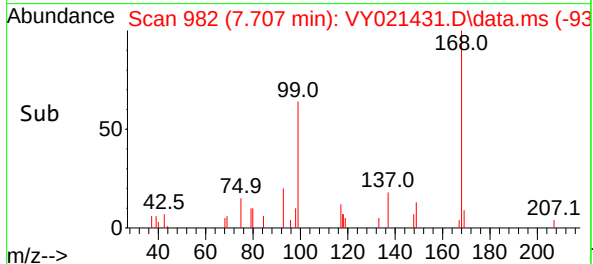
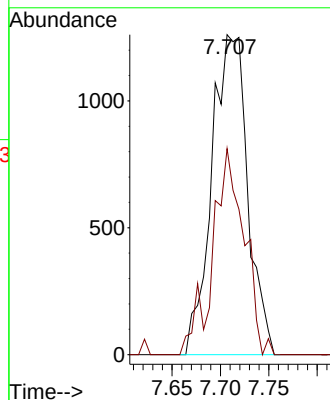
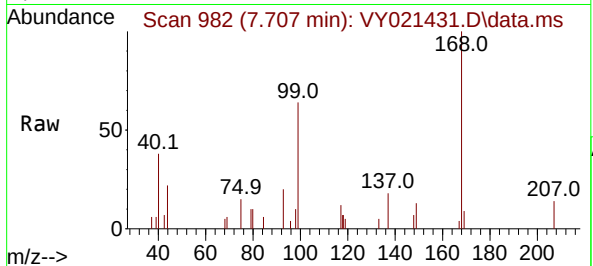




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

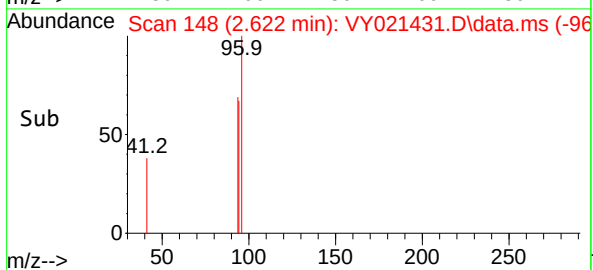
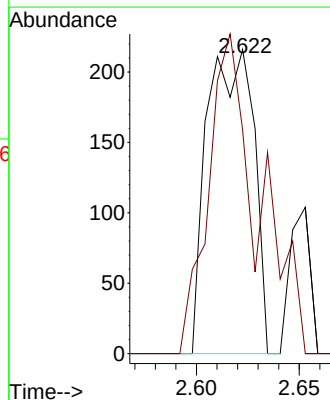
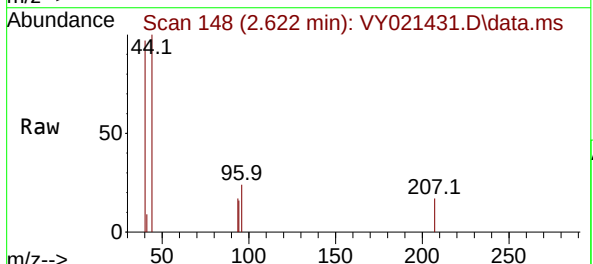
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

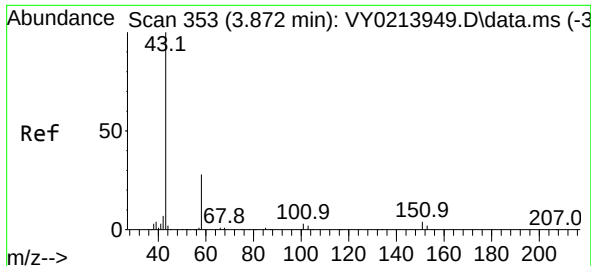
Tgt Ion:168 Resp: 3259
Ion Ratio Lower Upper
168 100
99 64.4 46.0 69.0



#5
Bromomethane
Concen: 10.270 ug/l
RT: 2.622 min Scan# 148
Delta R.T. 0.018 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 73.6 76.3 114.5#

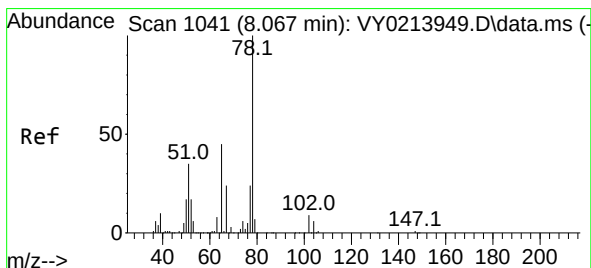
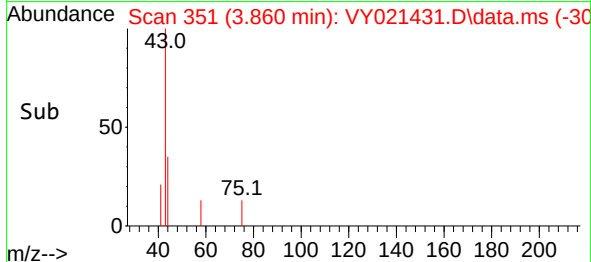
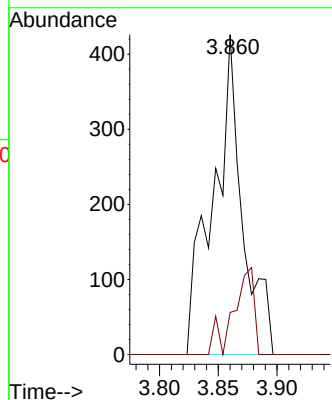
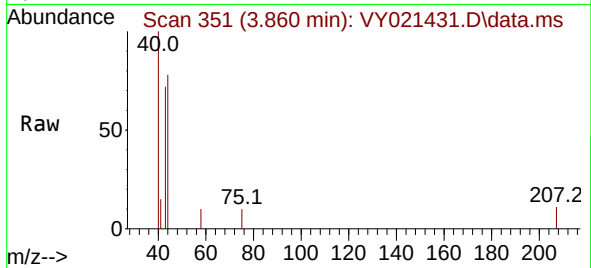




#16
Acetone
Concen: 99.163 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

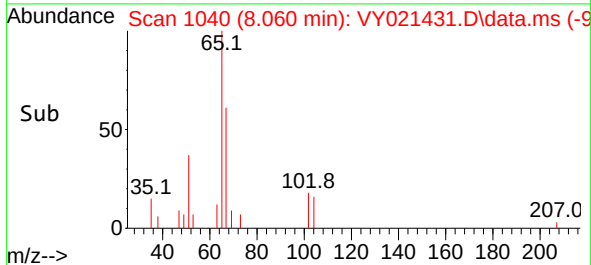
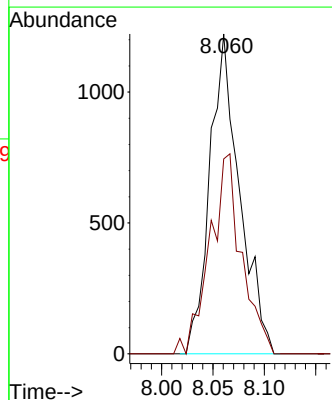
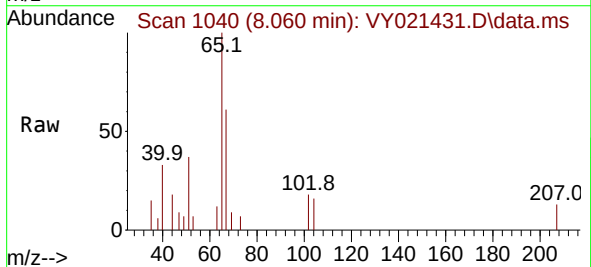
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

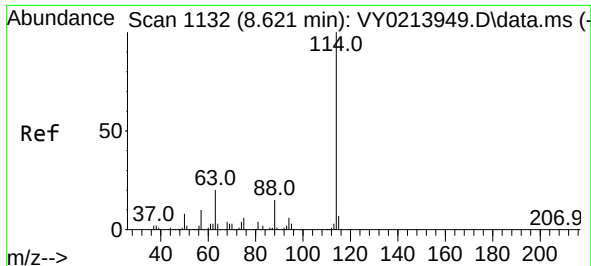
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 13.1 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 71.649 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

Tgt Ion: 65 Resp: 2468
Ion Ratio Lower Upper
65 100
67 66.2 0.0 102.8

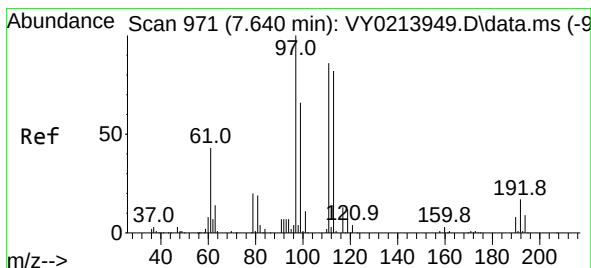
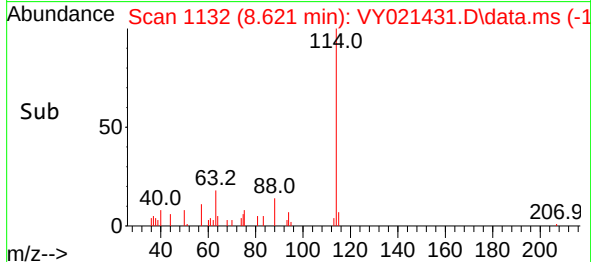
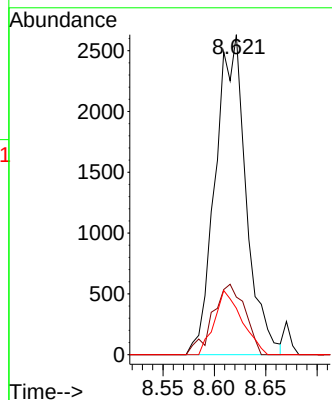
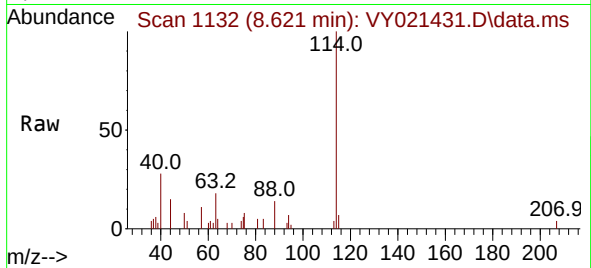




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

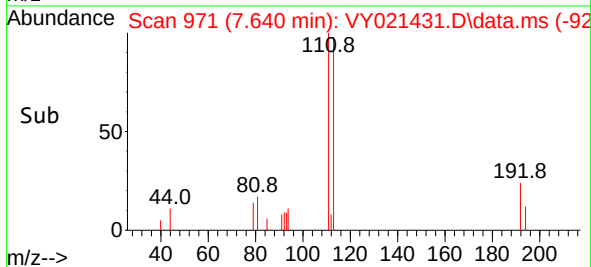
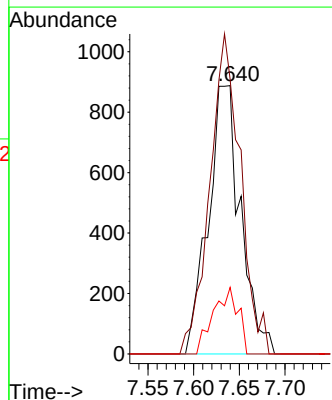
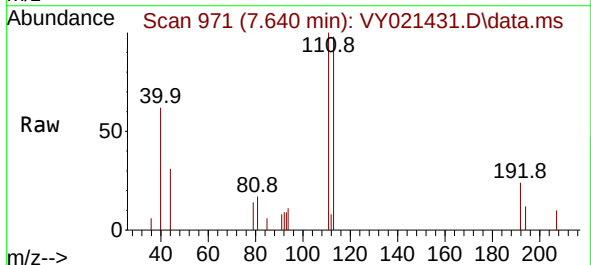
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

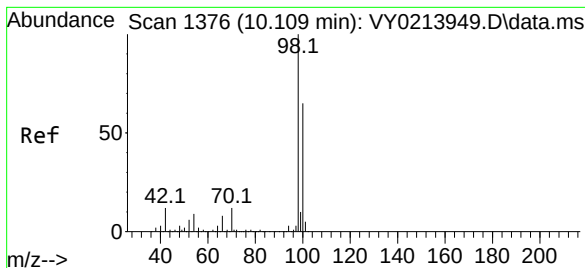
Tgt Ion:	114	Resp:	5448
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	40.8
88	14.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 61.183 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

Tgt Ion:	113	Resp:	2191
Ion	Ratio	Lower	Upper
113	100		
111	112.7	82.0	123.0
192	18.9	15.9	23.9

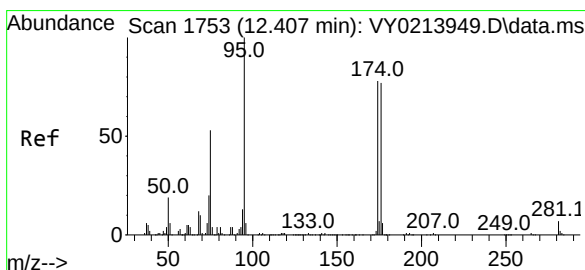
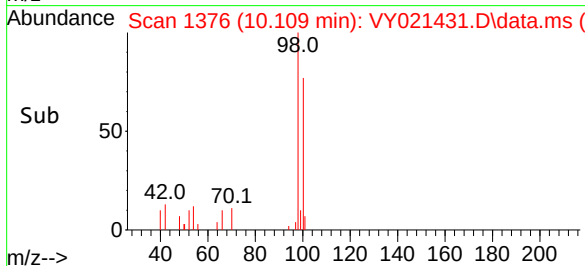
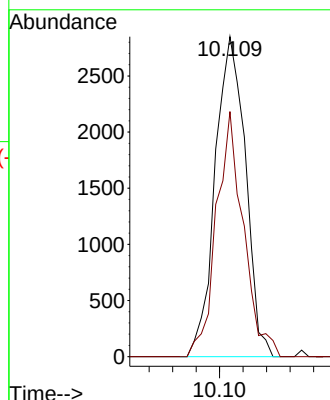
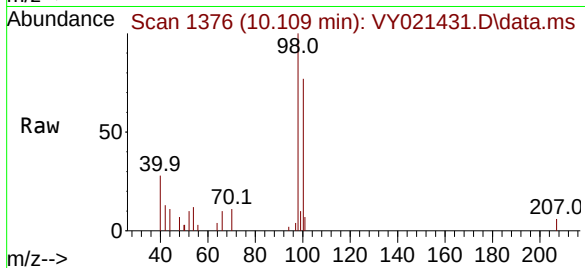




#50
Toluene-d8
Concen: 37.687 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

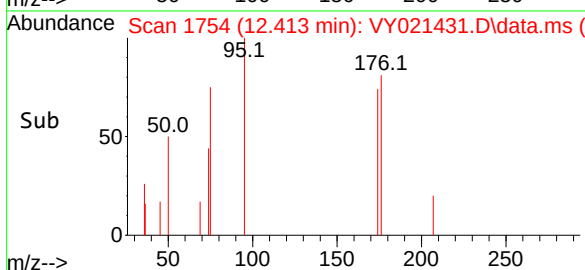
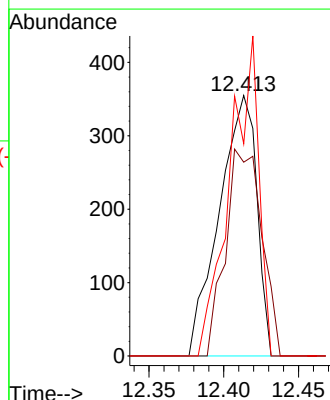
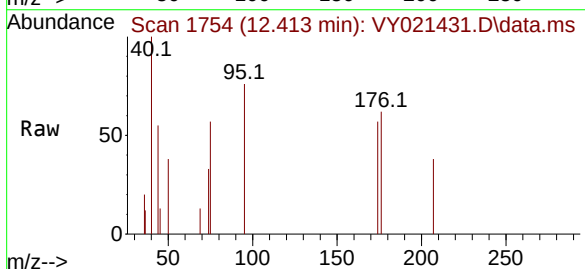
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TP-1

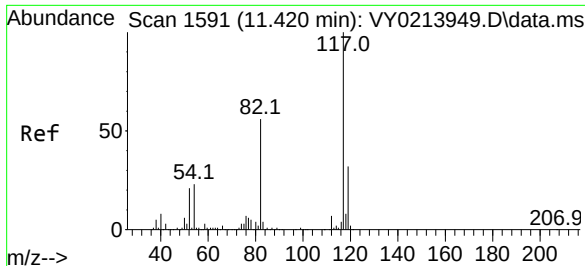
Tgt Ion: 98 Resp: 5110
Ion Ratio Lower Upper
98 100
100 68.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 13.421 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

Tgt Ion: 95 Resp: 619
Ion Ratio Lower Upper
95 100
174 76.7 0.0 165.0
176 94.7 0.0 160.0

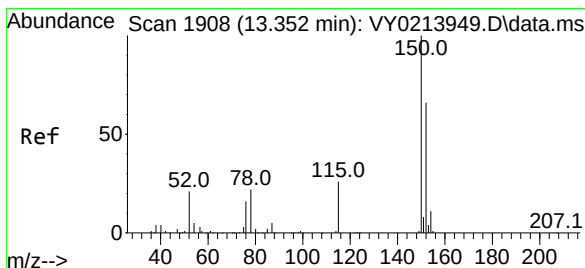
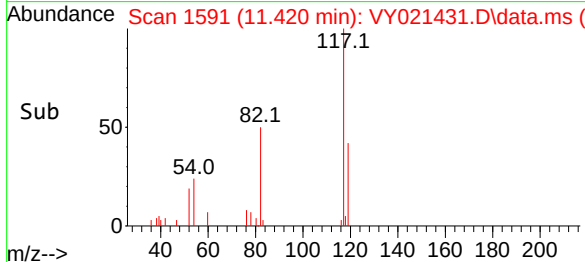
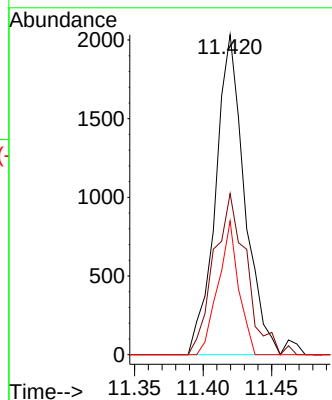
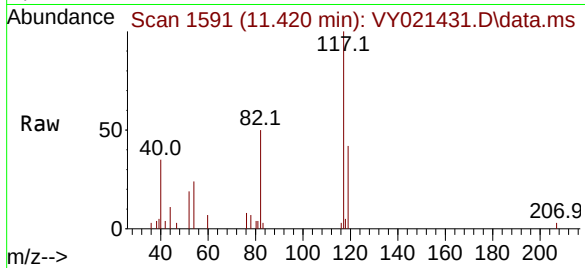




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:	117	Resp:	2998
Ion	Ratio	Lower	Upper
117	100		
82	50.3	44.6	67.0
119	41.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.358 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021431.D
Acq: 06 Mar 2025 13:52

Tgt Ion:	152	Resp:	400
Ion	Ratio	Lower	Upper
152	100		
115	47.8	29.0	87.0
150	224.0	0.0	347.2

