

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021411.D
 Acq On : 05 Mar 2025 14:34
 Operator : SY/MD
 Sample : Q1474-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-02282025

Quant Time: Mar 05 17:55:09 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)

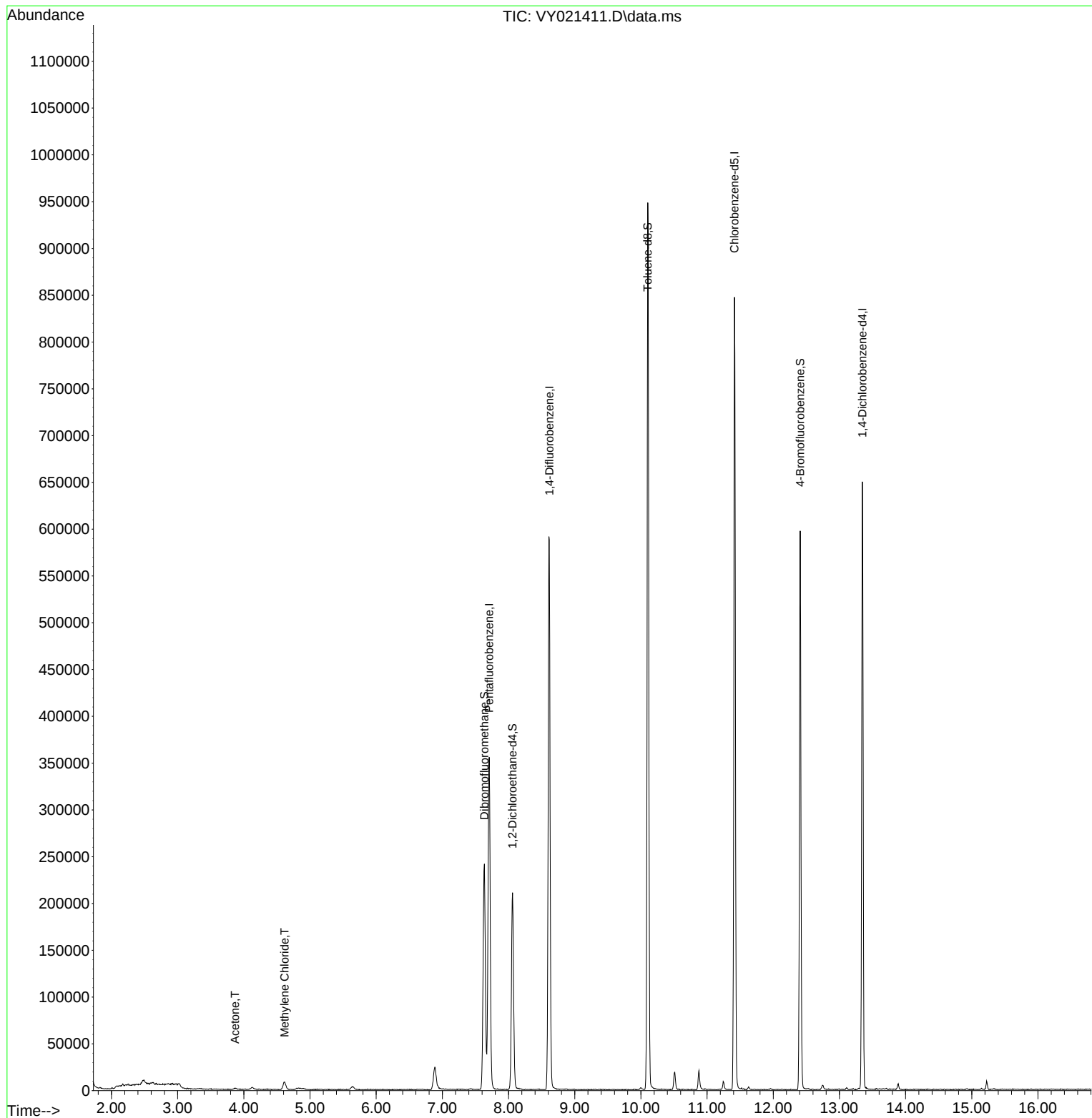
Internal Standards						
1) Pentafluorobenzene	7.707	168	266746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	497311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	429655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166502	59.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.120%
35) Dibromofluoromethane	7.634	113	167099	51.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.103	98	597682	48.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.407	95	175478	41.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.360%
Target Compounds						Qvalue
16) Acetone	3.866	43	2322	3.776	ug/l	# 88
20) Methylene Chloride	4.616	84	5311	1.645	ug/l	94

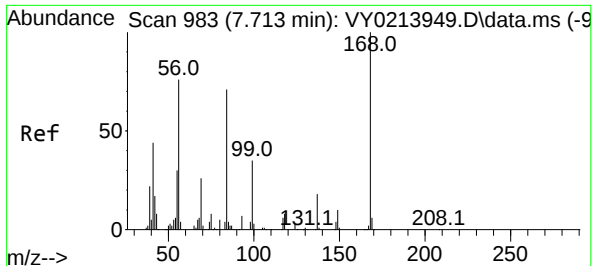
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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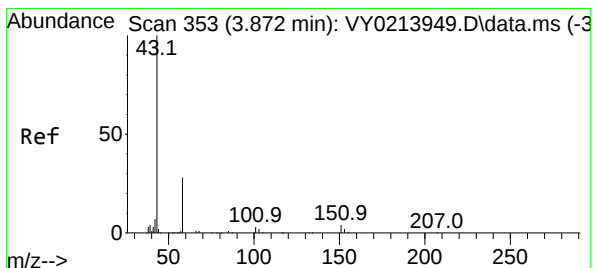
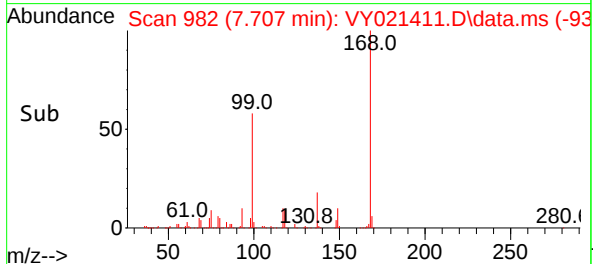
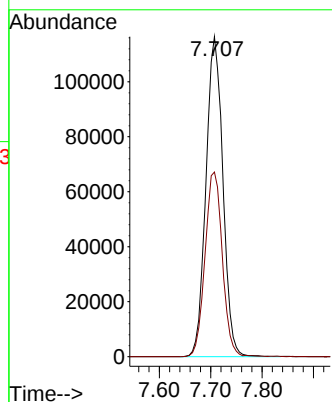
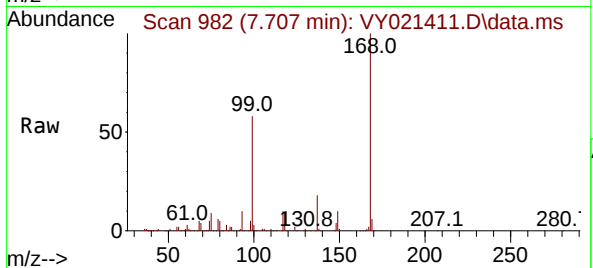




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021411.D
Acq: 05 Mar 2025 14:34

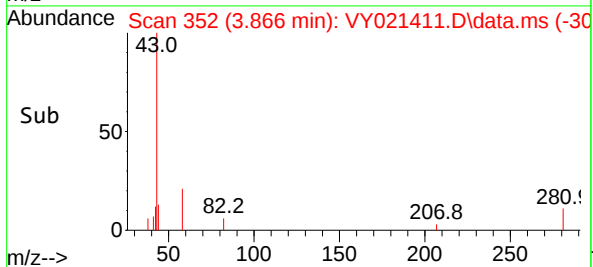
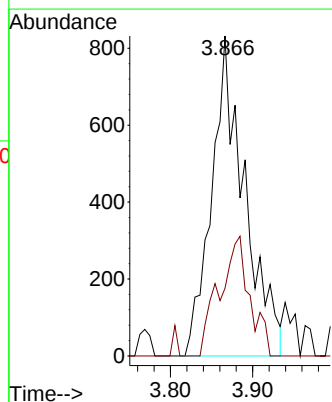
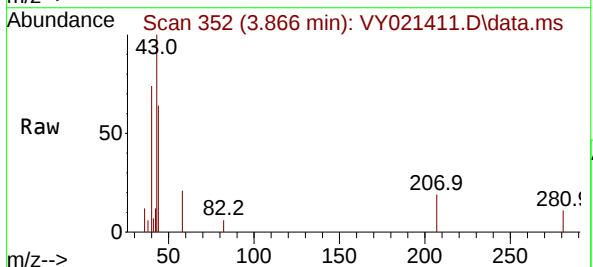
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-02282025

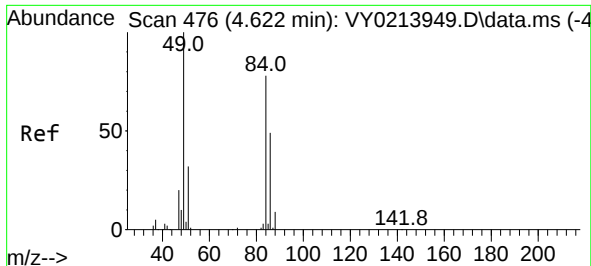
Tgt Ion:168 Resp: 266746
Ion Ratio Lower Upper
168 100
99 57.7 46.0 69.0



#16
Acetone
Concen: 3.776 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021411.D
Acq: 05 Mar 2025 14:34

Tgt Ion: 43 Resp: 2322
Ion Ratio Lower Upper
43 100
58 21.2 22.1 33.1#

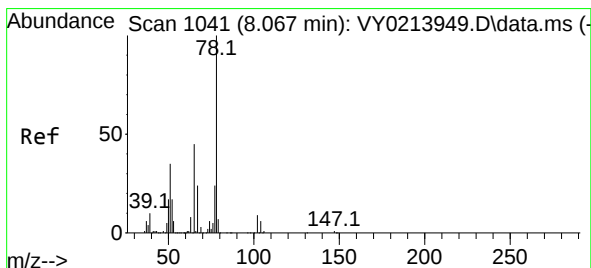
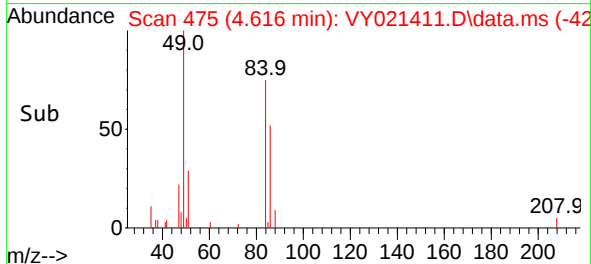
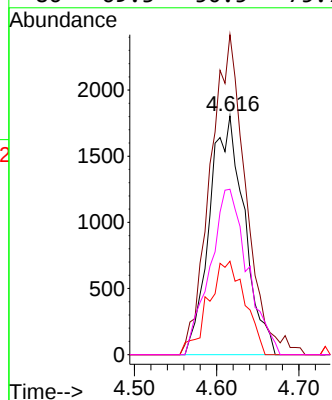
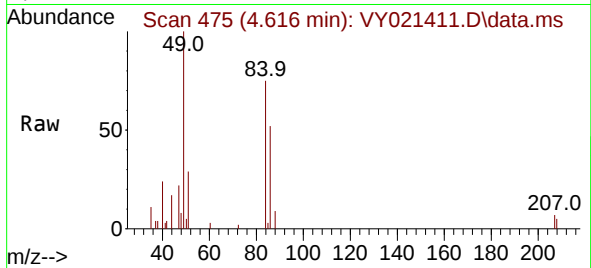




#20
Methylene Chloride
Concen: 1.645 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021411.D
Acq: 05 Mar 2025 14:34

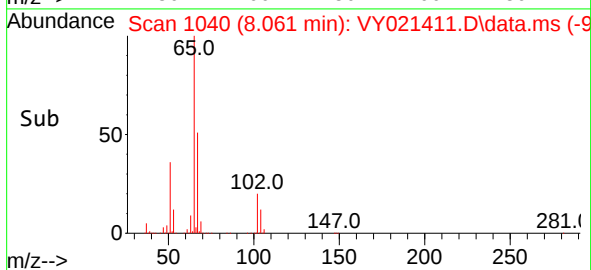
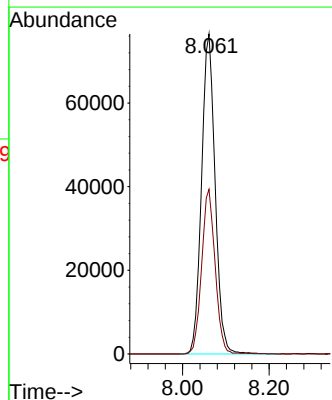
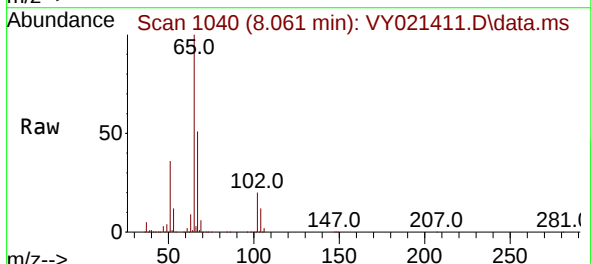
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-02282025

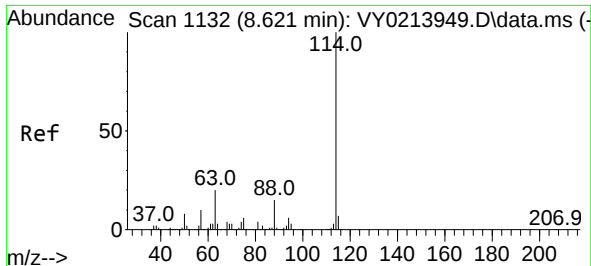
Tgt Ion:	84	Resp:	5311
Ion	Ratio	Lower	Upper
84	100		
49	134.0	102.0	153.0
51	39.1	33.0	49.6
86	69.3	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 59.057 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021411.D
Acq: 05 Mar 2025 14:34

Tgt Ion:	65	Resp:	166502
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.8

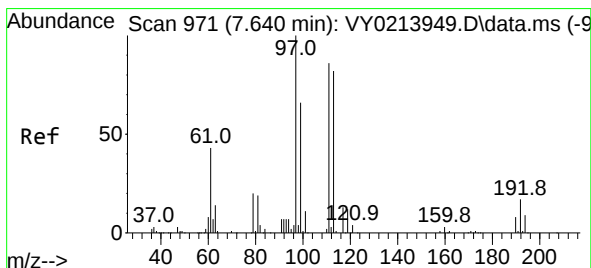
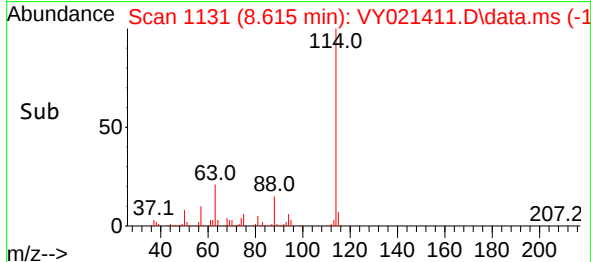
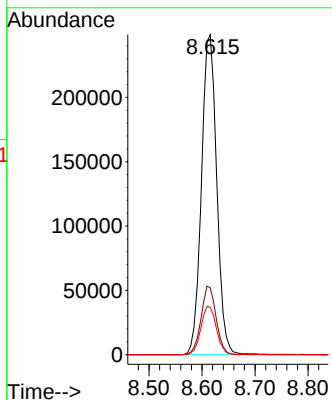
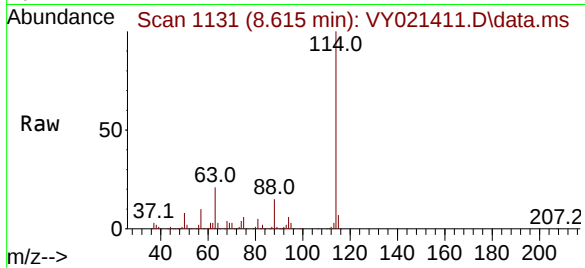




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021411.D
Acq: 05 Mar 2025 14:34

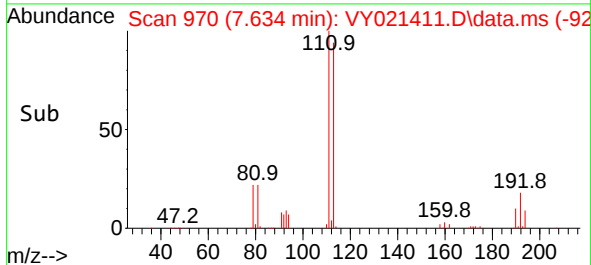
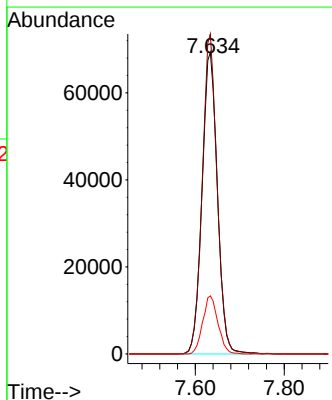
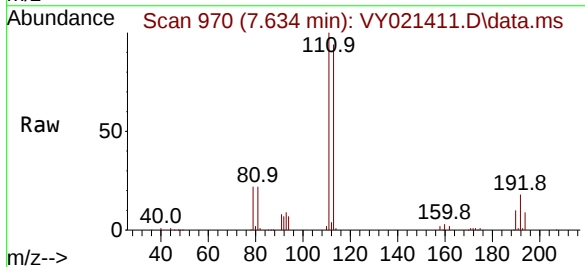
Instrument :
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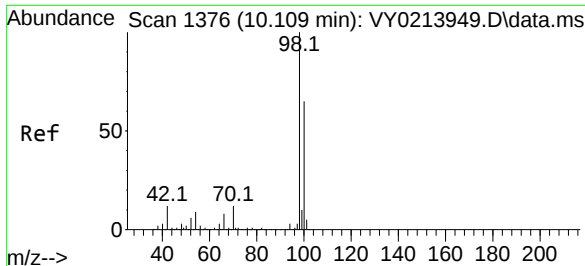
Tgt Ion:114 Resp: 497311
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.118 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021411.D
Acq: 05 Mar 2025 14:34

Tgt Ion:113 Resp: 167099
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 19.1 15.9 23.9

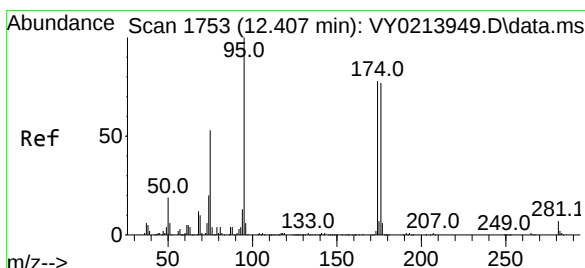
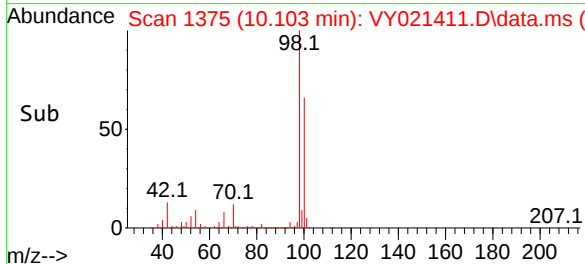
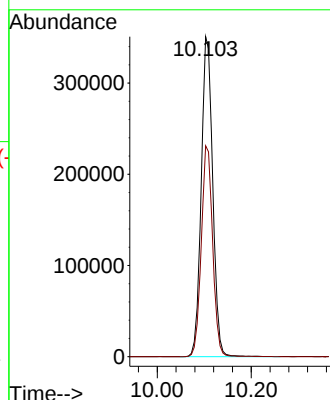
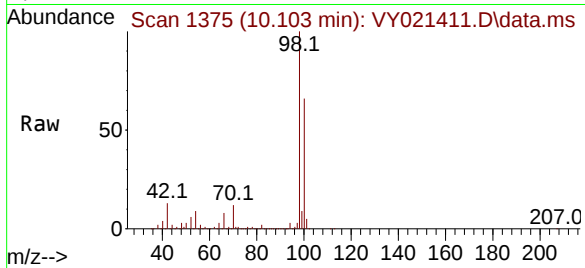




#50
Toluene-d8
Concen: 48.289 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021411.D
Acq: 05 Mar 2025 14:34

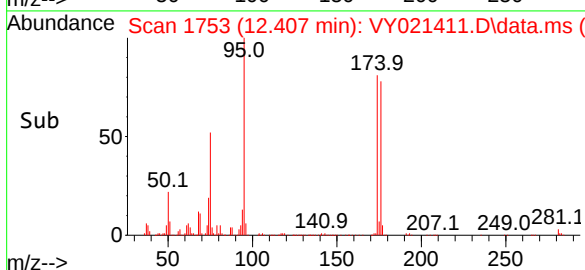
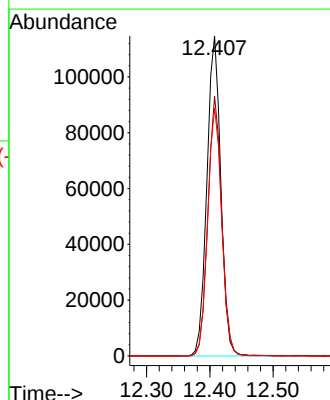
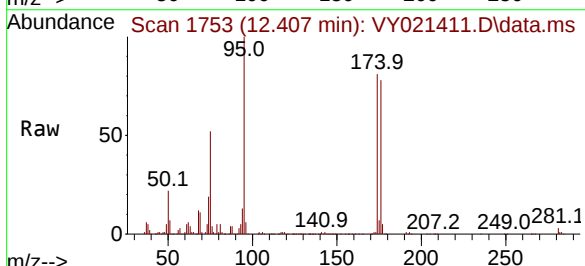
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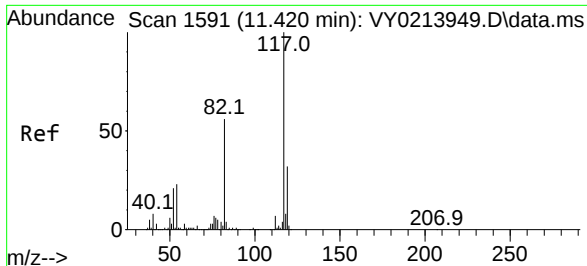
Tgt Ion: 98 Resp: 597682
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.679 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021411.D
Acq: 05 Mar 2025 14:34

Tgt Ion: 95 Resp: 175478
Ion Ratio Lower Upper
95 100
174 81.0 0.0 165.0
176 78.1 0.0 160.0

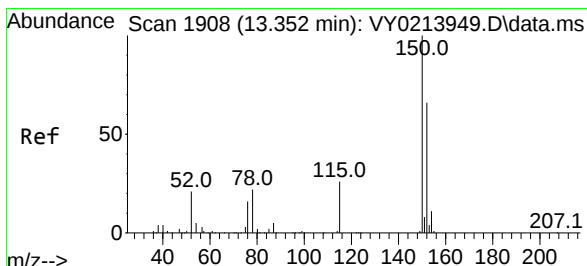
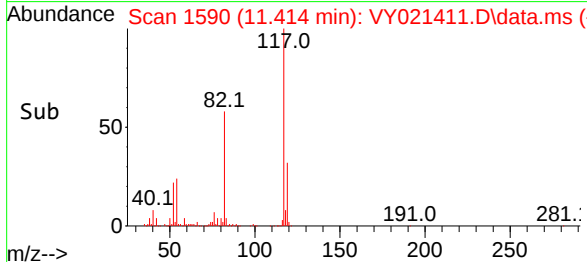
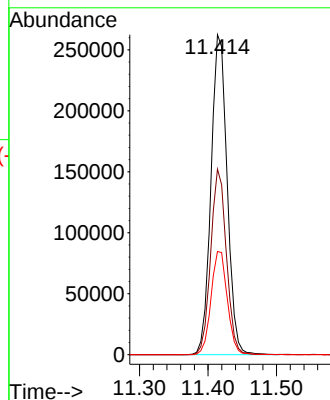
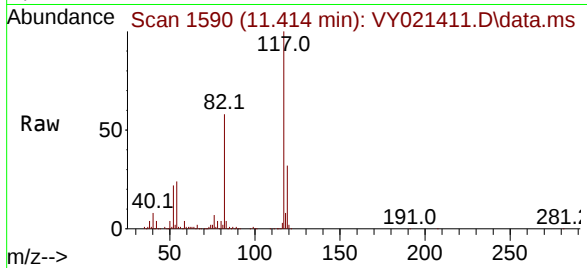




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021411.D
Acq: 05 Mar 2025 14:34

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-02282025

Tgt Ion:117 Resp: 429655
Ion Ratio Lower Upper
117 100
82 58.0 44.6 67.0
119 32.3 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: VY021411.D
Acq: 05 Mar 2025 14:34

Tgt Ion:152 Resp: 154813
Ion Ratio Lower Upper
152 100
115 58.3 29.0 87.0
150 155.9 0.0 347.2

