

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021879.D
 Acq On : 14 Apr 2025 18:57
 Operator : SY/MD
 Sample : Q1785-03
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-041125

Quant Time: Apr 14 23:35:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

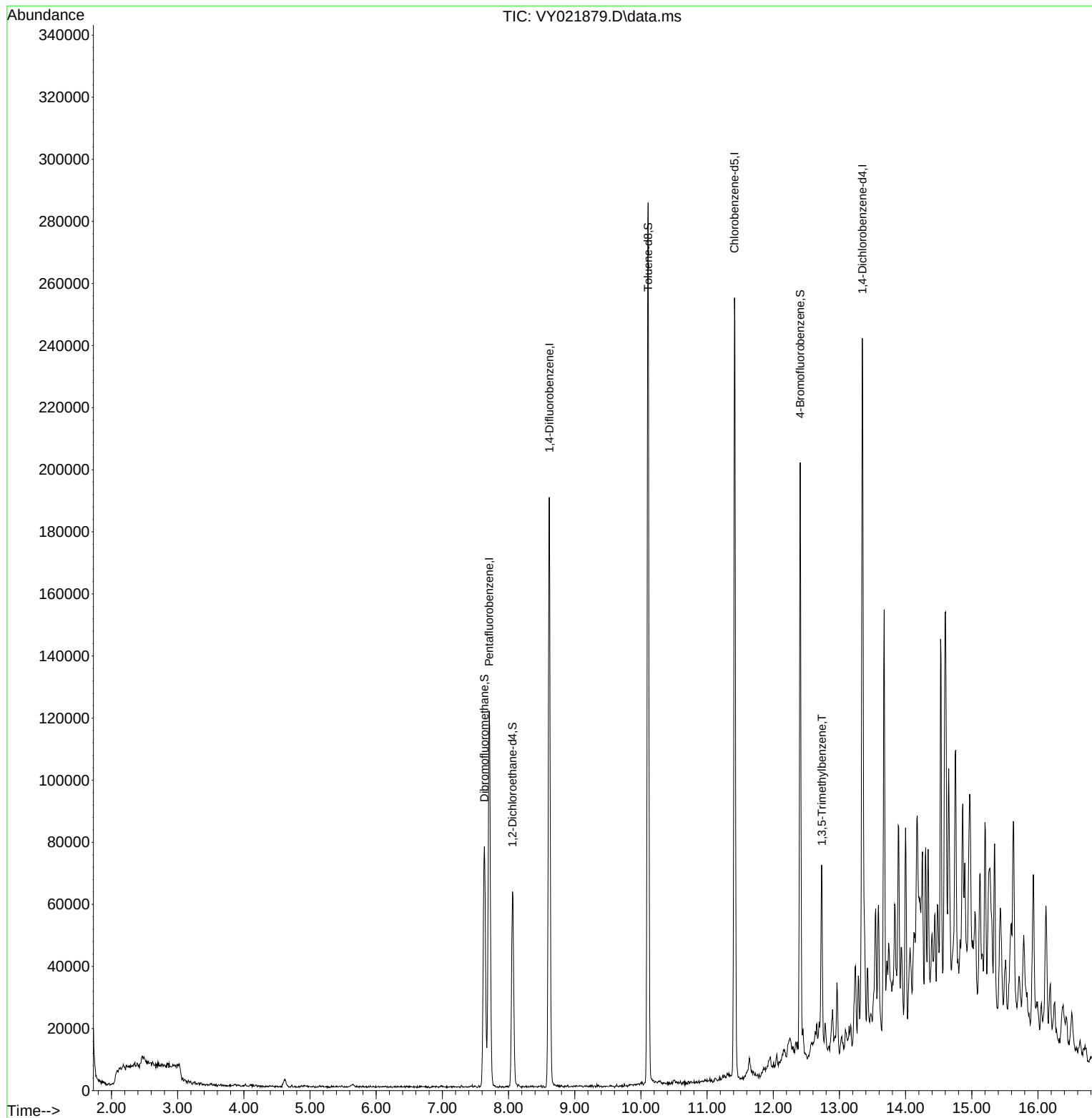
Internal Standards						
1) Pentafluorobenzene	7.707	168	92882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	154648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	134367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	51624	51.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.634	113	55839	55.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.320%	
50) Toluene-d8	10.109	98	183867	48.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.360%	
62) 4-Bromofluorobenzene	12.408	95	57234	44.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.680%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.737	105	5478	1.657	ug/l	Qvalue 83

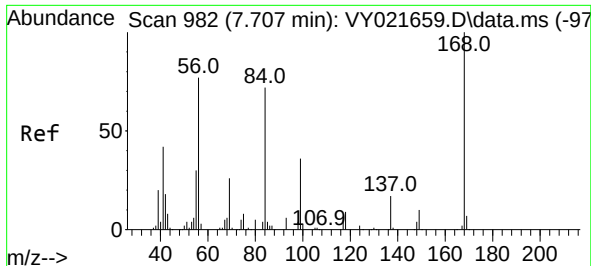
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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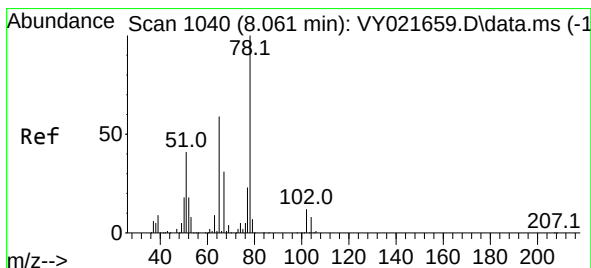
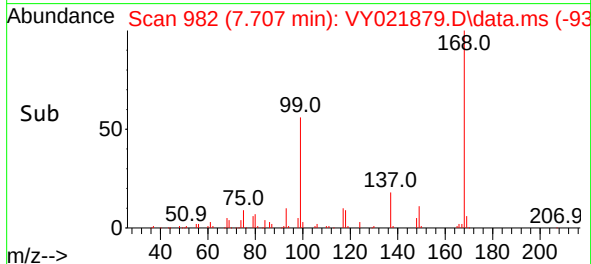
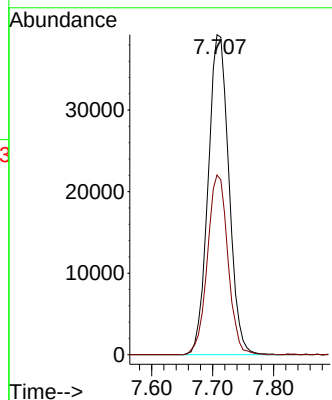
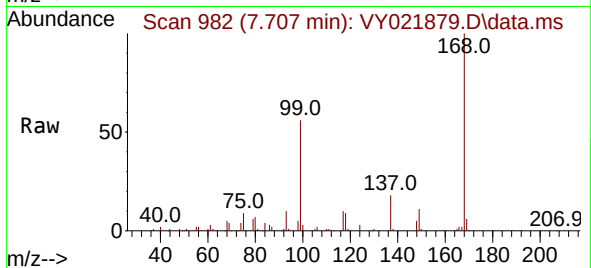




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021879.D
Acq: 14 Apr 2025 18:57

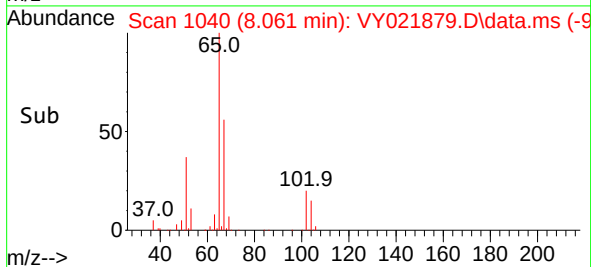
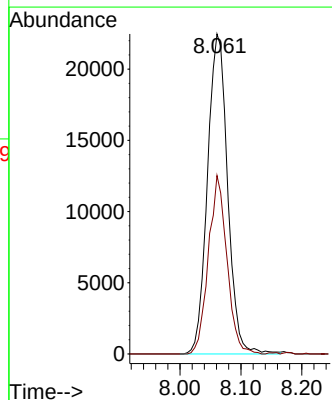
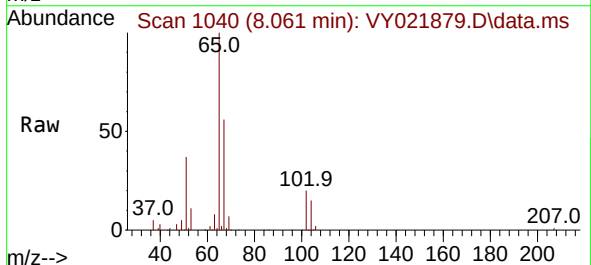
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-041125

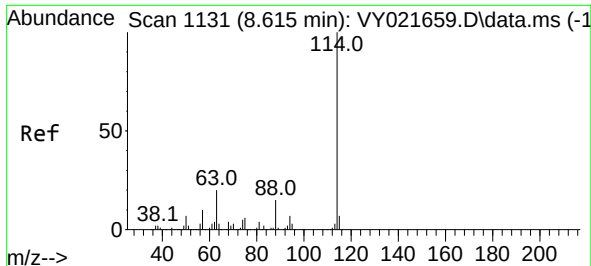
Tgt Ion:168 Resp: 92882
Ion Ratio Lower Upper
168 100
99 56.2 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 51.298 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021879.D
Acq: 14 Apr 2025 18:57

Tgt Ion: 65 Resp: 51624
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.6

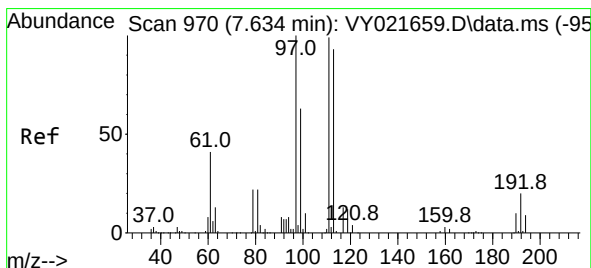
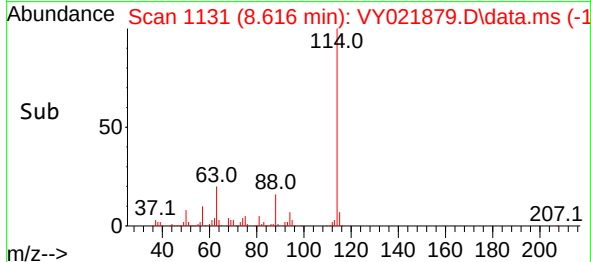
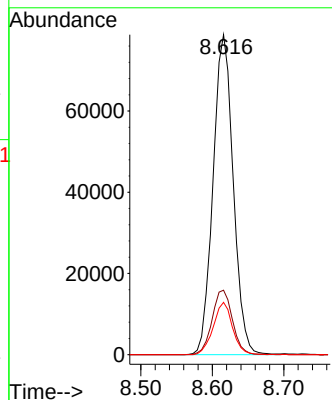
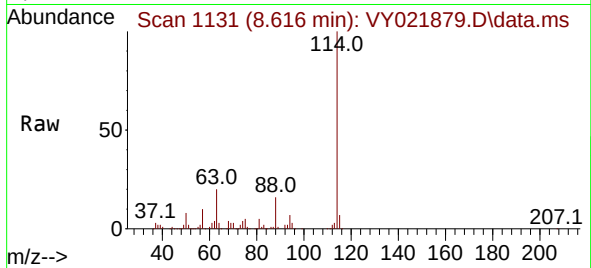




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021879.D
Acq: 14 Apr 2025 18:57

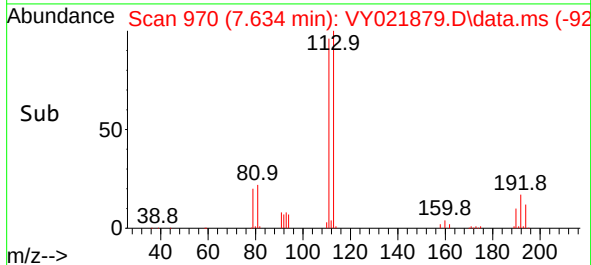
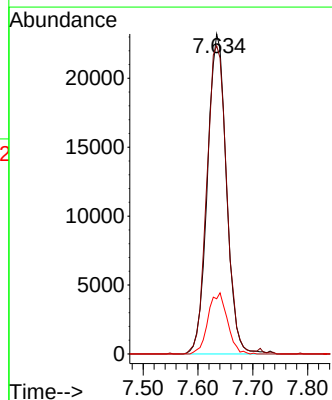
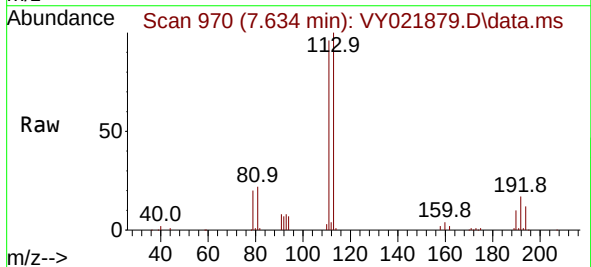
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-041125

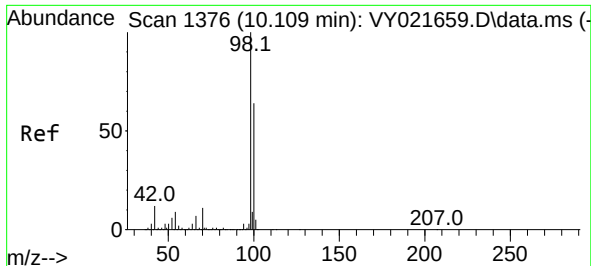
Tgt Ion:	114	Resp:	154648
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	40.2
88	16.3	0.0	29.8



#35
Dibromofluoromethane
Concen: 55.662 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021879.D
Acq: 14 Apr 2025 18:57

Tgt Ion:	113	Resp:	55839
Ion Ratio	Lower	Upper	
113	100		
111	99.9	82.6	123.8
192	19.4	16.2	24.4

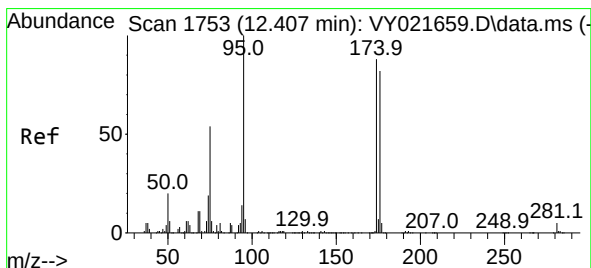
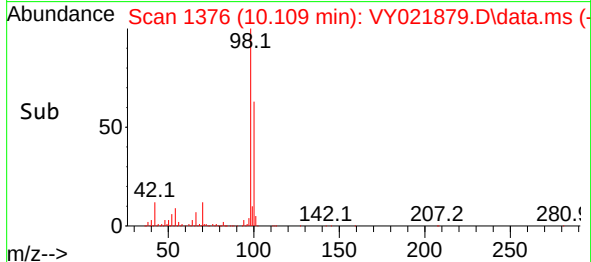
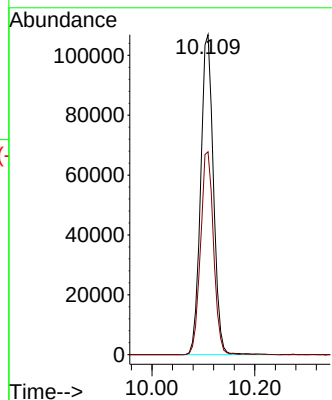
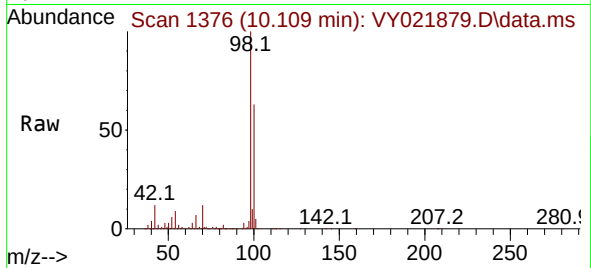




#50
Toluene-d8
Concen: 48.178 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021879.D
Acq: 14 Apr 2025 18:57

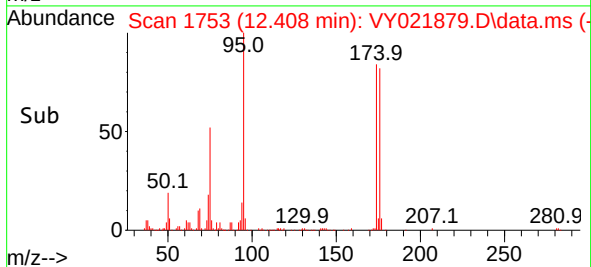
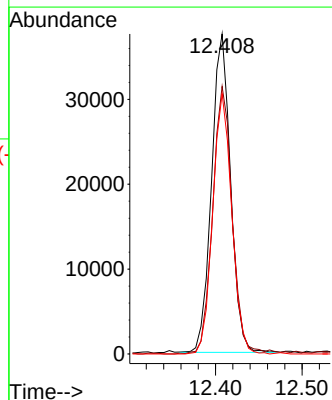
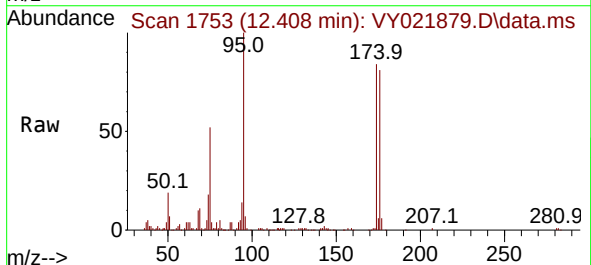
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-041125

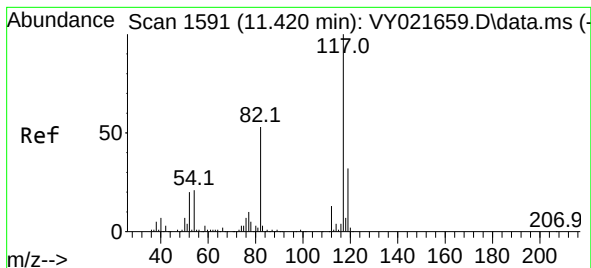
Tgt Ion: 98 Resp: 183867
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.337 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021879.D
Acq: 14 Apr 2025 18:57

Tgt Ion: 95 Resp: 57234
Ion Ratio Lower Upper
95 100
174 86.7 0.0 170.8
176 81.9 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021879.D

Acq: 14 Apr 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-041125

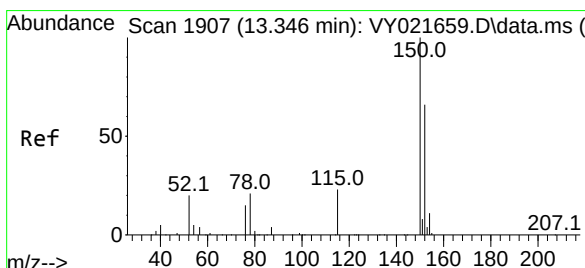
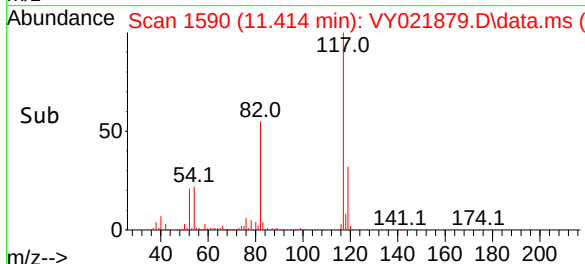
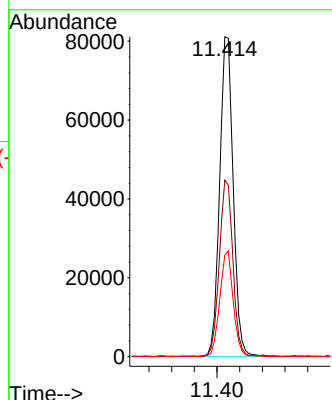
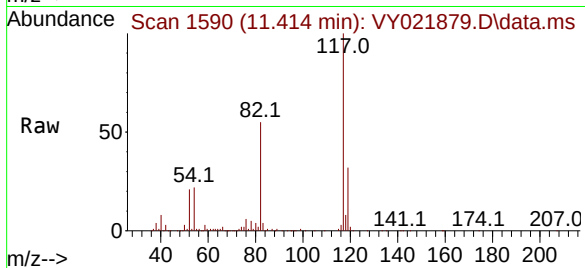
Tgt Ion:117 Resp: 134367

Ion Ratio Lower Upper

117 100

82 55.2 42.8 64.2

119 31.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021879.D

Acq: 14 Apr 2025 18:57

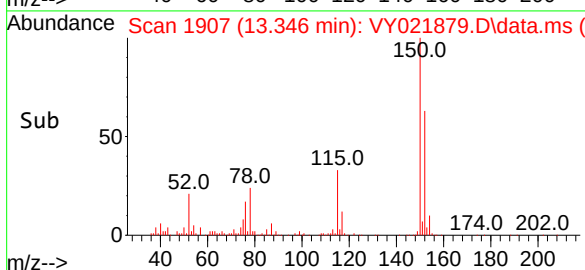
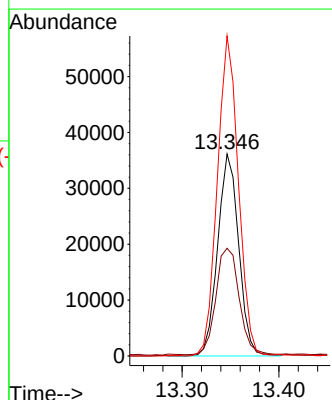
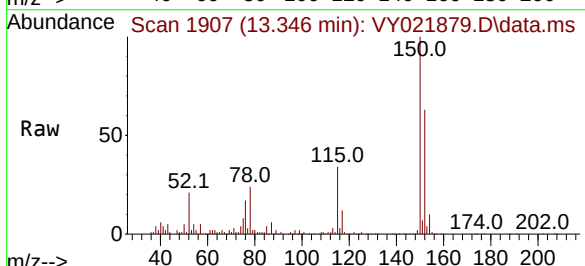
Tgt Ion:152 Resp: 54446

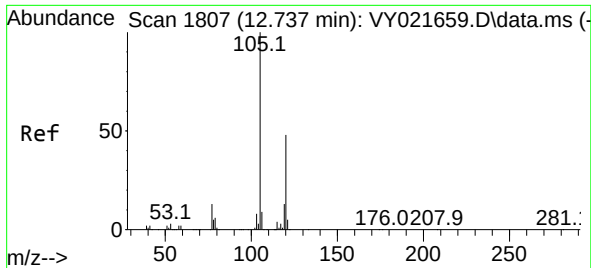
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 158.5 0.0 348.4





#80
 1,3,5-Trimethylbenzene
 Concen: 1.657 ug/l
 RT: 12.737 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY021879.D
 Acq: 14 Apr 2025 18:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-041125

Tgt Ion:105 Resp: 5478
 Ion Ratio Lower Upper
 105 100
 120 60.4 24.5 73.5

