

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022336.D
 Acq On : 20 May 2025 12:38
 Operator : SY/MD
 Sample : Q2056-02
 Misc : 6.82g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GVD12

Quant Time: May 21 01:47:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

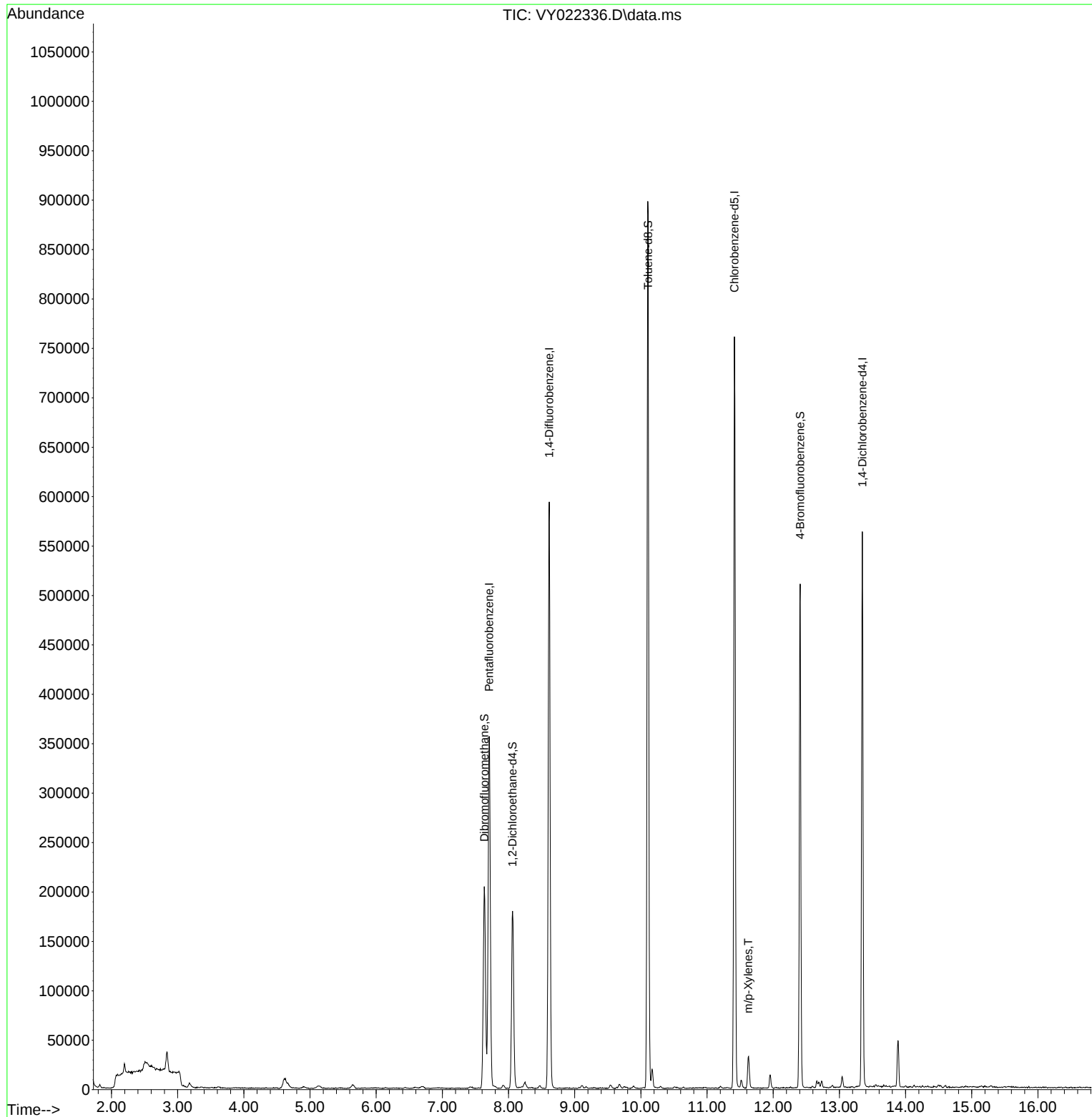
Internal Standards						
1) Pentafluorobenzene	7.707	168	269526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	481628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	373395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133163	45.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.420%
35) Dibromofluoromethane	7.634	113	139671	48.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.180%
50) Toluene-d8	10.109	98	568849	48.317	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.407	95	139726	37.443	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.880%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.621	106	9725	1.636	ug/l	96

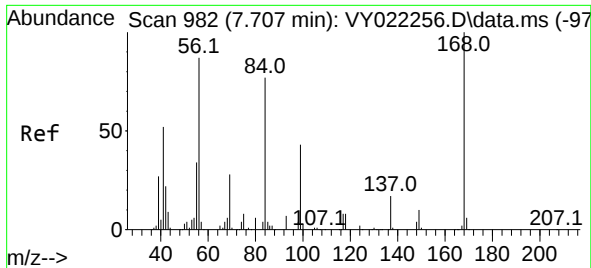
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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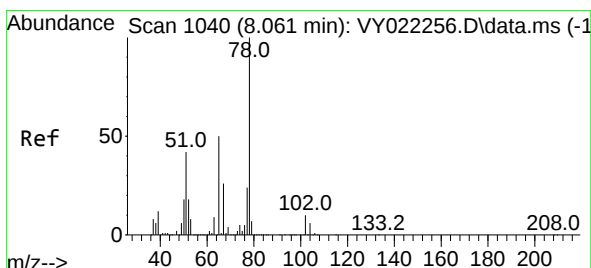
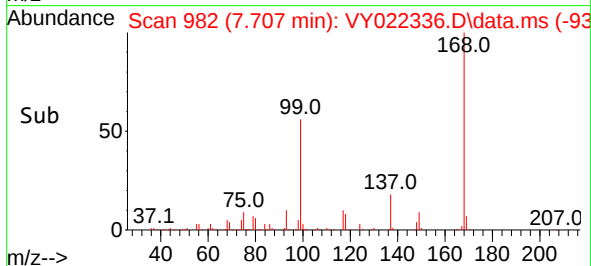
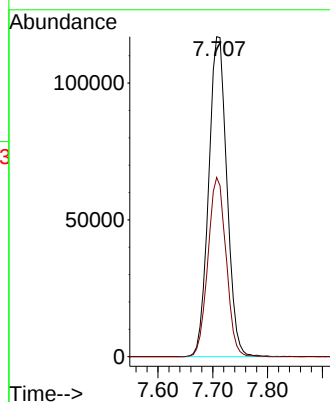
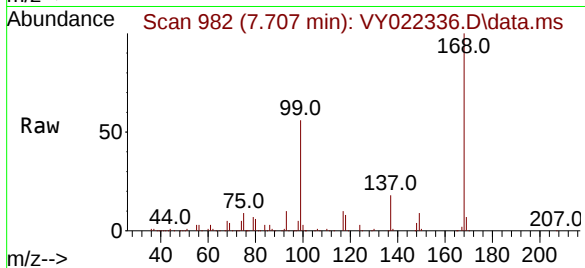




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

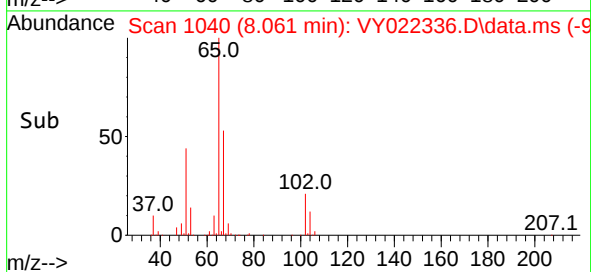
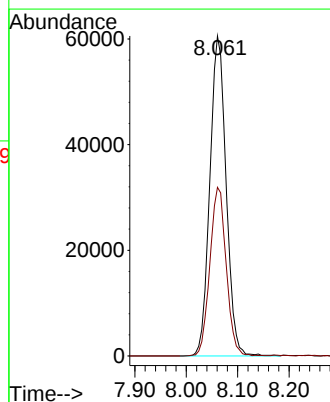
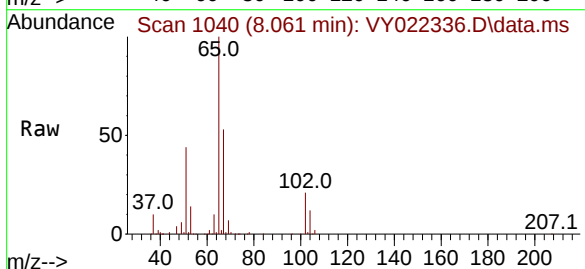
Instrument :
MSVOA_Y
ClientSampleId :
GVD12

Tgt Ion:168 Resp: 269526
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.206 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

Tgt Ion: 65 Resp: 133163
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.6

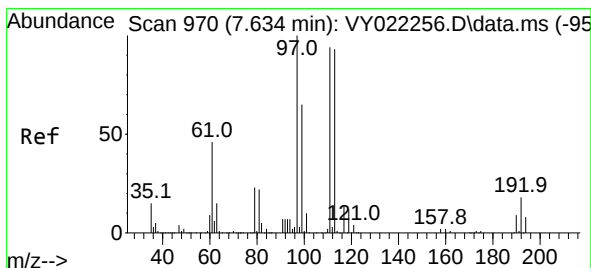
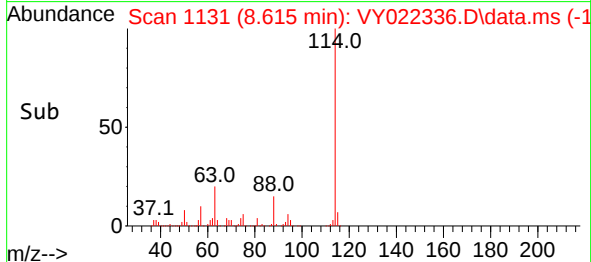
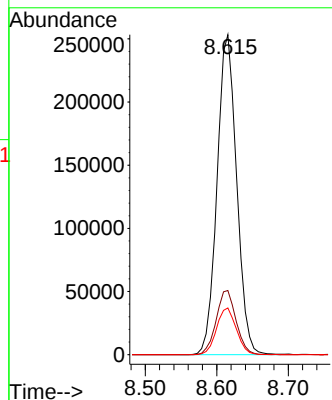
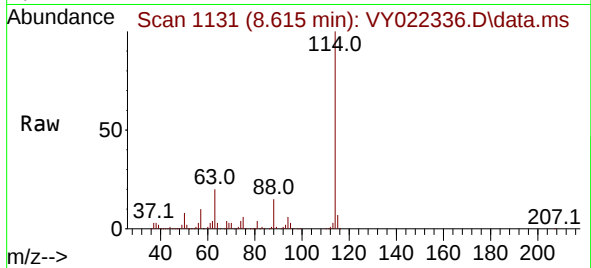




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

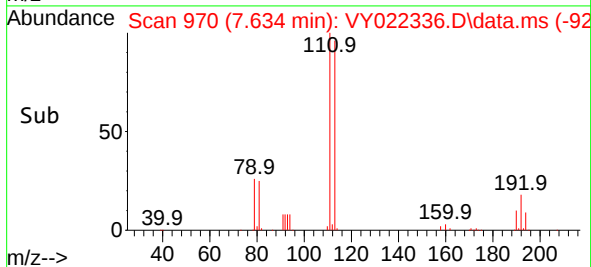
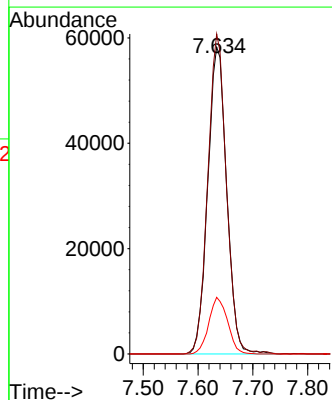
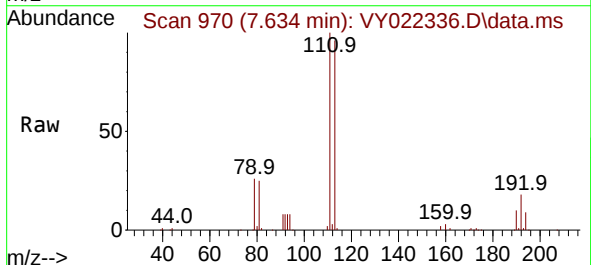
Instrument :
MSVOA_Y
ClientSampleId :
GVD12

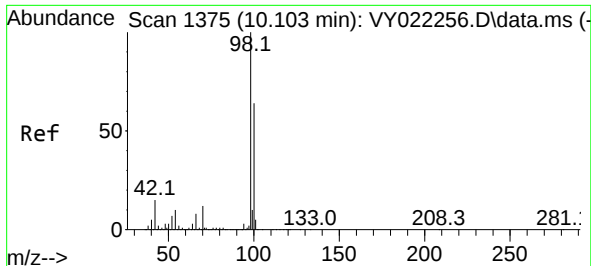
Tgt Ion:114 Resp: 481628
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.0
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.587 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

Tgt Ion:113 Resp: 139671
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 18.3 15.2 22.8

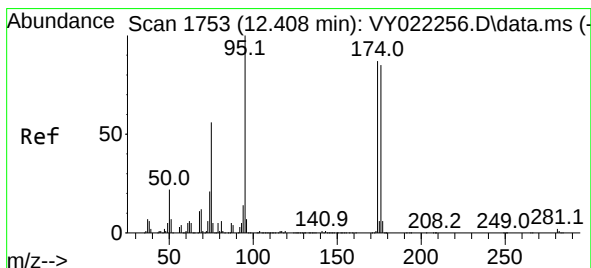
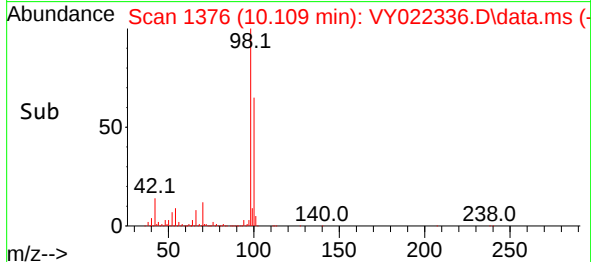
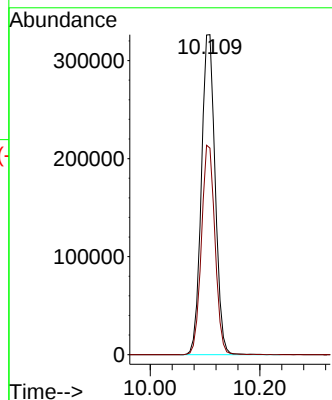
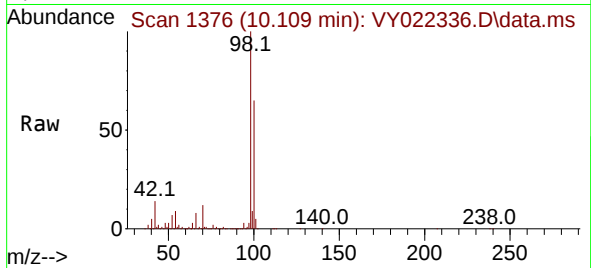




#50
Toluene-d8
Concen: 48.317 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

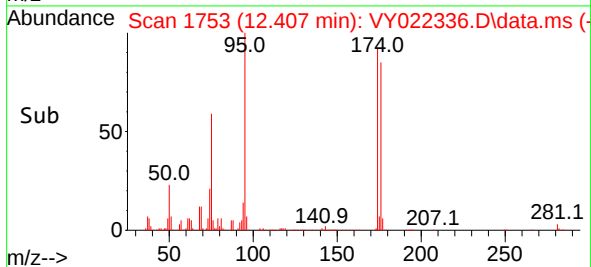
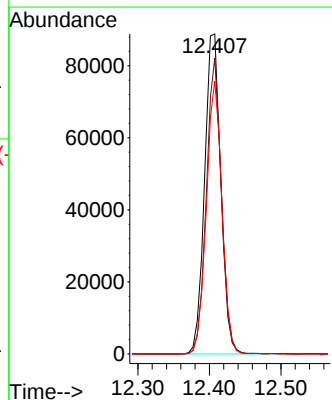
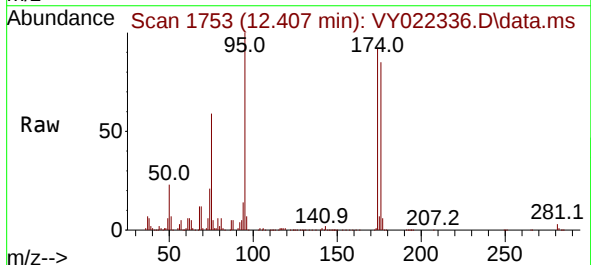
Instrument :
MSVOA_Y
ClientSampleId :
GVD12

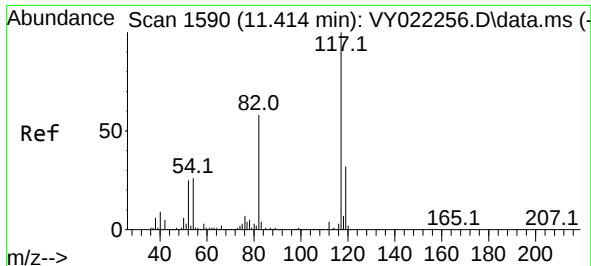
Tgt Ion: 98 Resp: 568849
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 37.443 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

Tgt Ion: 95 Resp: 139726
Ion Ratio Lower Upper
95 100
174 86.5 0.0 166.8
176 82.2 0.0 160.8

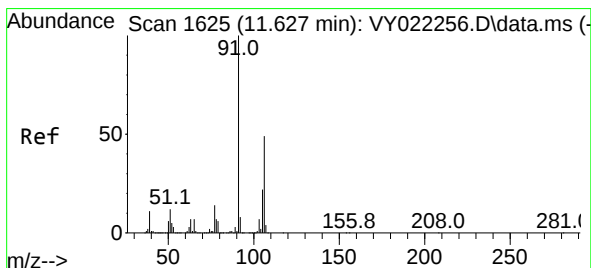
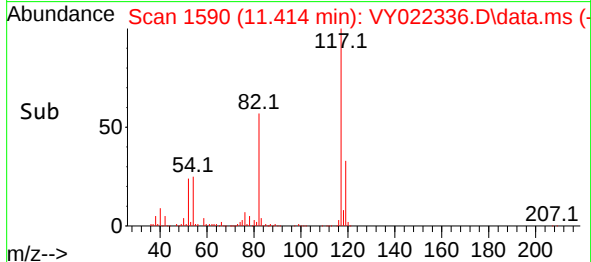
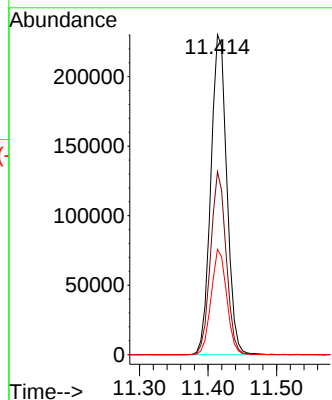
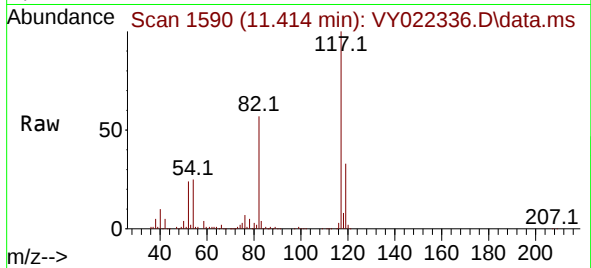




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

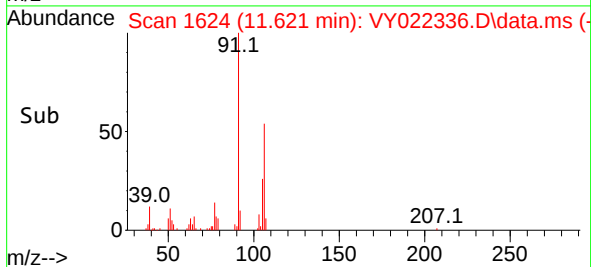
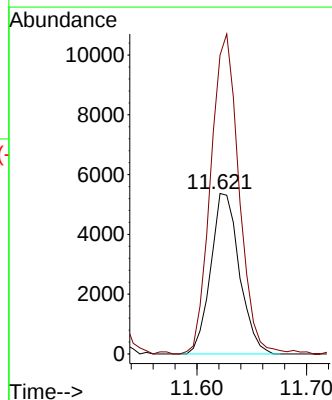
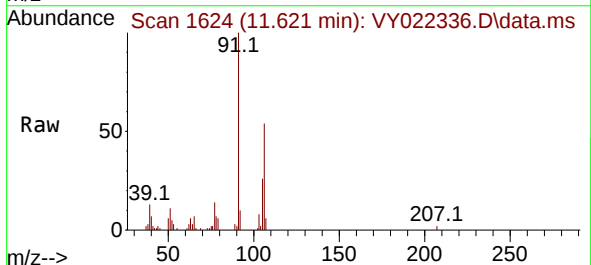
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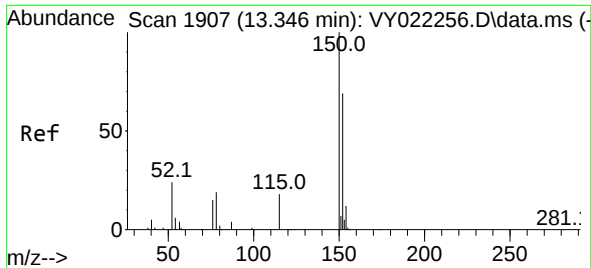
Tgt Ion:117 Resp: 373395
Ion Ratio Lower Upper
117 100
82 57.2 46.6 70.0
119 32.9 25.8 38.6



#68
m/p-Xylenes
Concen: 1.636 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

Tgt Ion:106 Resp: 9725
Ion Ratio Lower Upper
106 100
91 198.0 163.0 244.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022336.D

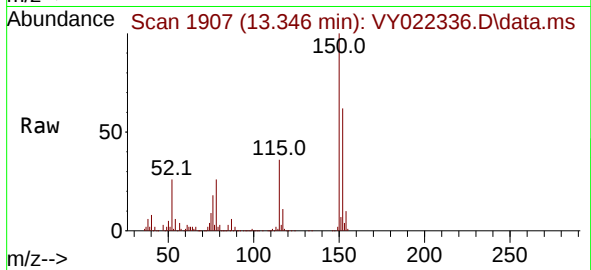
Acq: 20 May 2025 12:38

Instrument :

MSVOA_Y

ClientSampleId :

GVD12



Tgt Ion:152 Resp: 128914

Ion Ratio Lower Upper

152 100

115 57.8 29.4 88.2

150 159.3 0.0 353.8

