

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023443.D
 Acq On : 10 Oct 2025 16:47
 Operator : SY/MD
 Sample : Q3327-01
 Misc : 4.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HADLEY-ROAD-TP

Quant Time: Oct 11 02:00:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

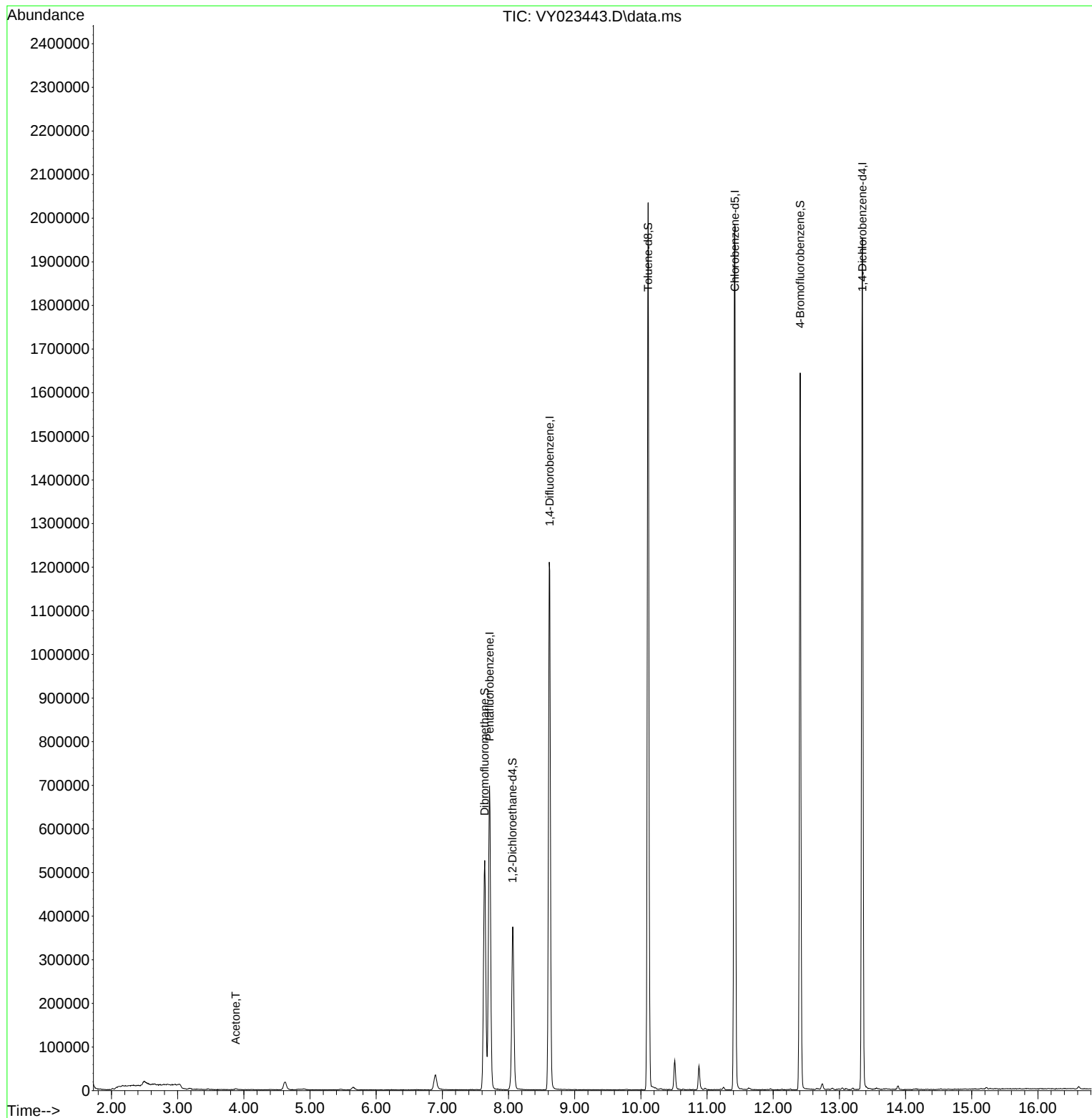
Internal Standards						
1) Pentafluorobenzene	7.713	168	587696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1144298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1167485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	530880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	288772	58.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.520%	
35) Dibromofluoromethane	7.640	113	372762	53.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.040%	
50) Toluene-d8	10.109	98	1348517	51.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.408	95	472680	54.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.360%	
Target Compounds						
16) Acetone	3.879	43	4200	3.590	ug/l	Qvalue 93

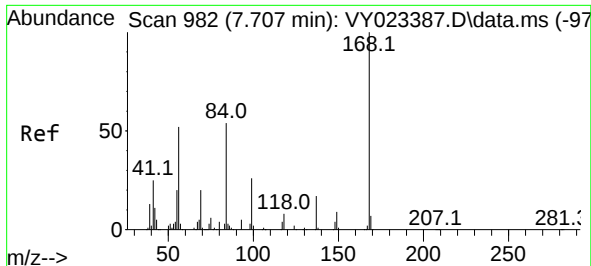
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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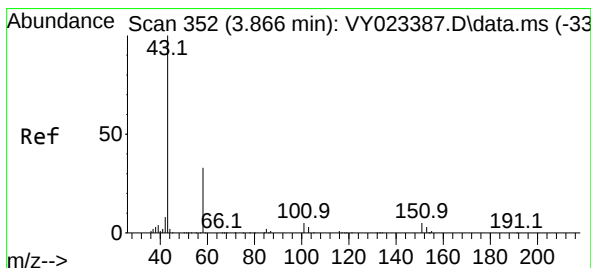
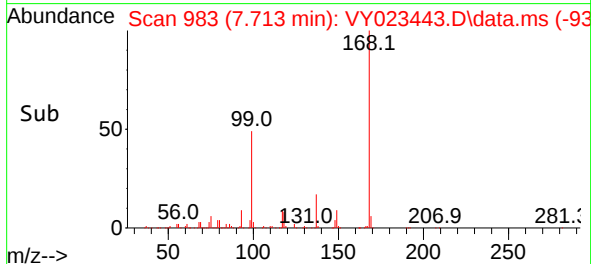
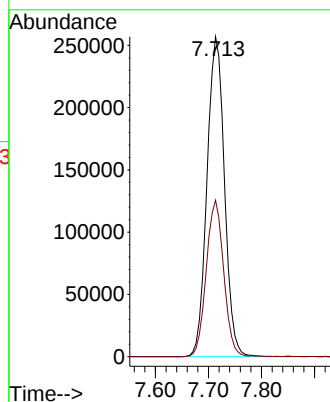
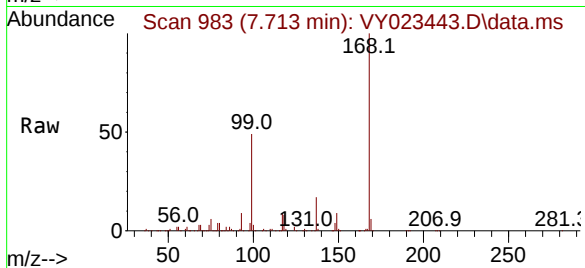




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023443.D
Acq: 10 Oct 2025 16:47

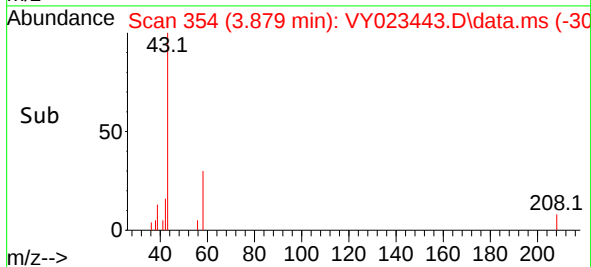
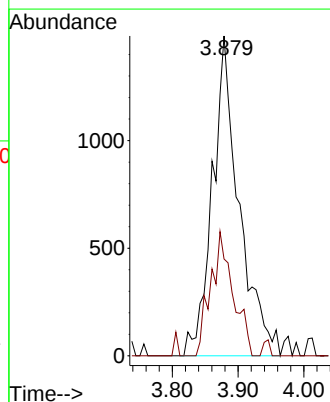
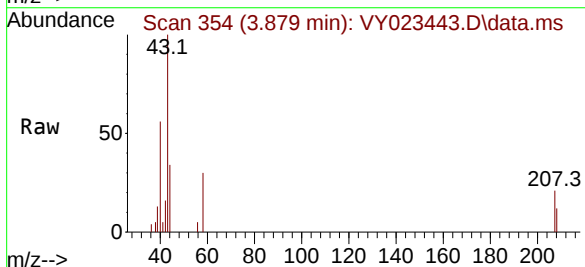
Instrument :
MSVOA_Y
ClientSampleId :
HADLEY-ROAD-TP

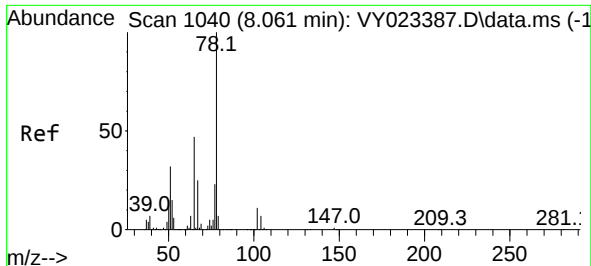
Tgt Ion:168 Resp: 587696
Ion Ratio Lower Upper
168 100
99 48.9 39.7 59.5



#16
Acetone
Concen: 3.590 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023443.D
Acq: 10 Oct 2025 16:47

Tgt Ion: 43 Resp: 4200
Ion Ratio Lower Upper
43 100
58 30.3 27.7 41.5





#33

1,2-Dichloroethane-d4

Concen: 58.760 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY023443.D

Acq: 10 Oct 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

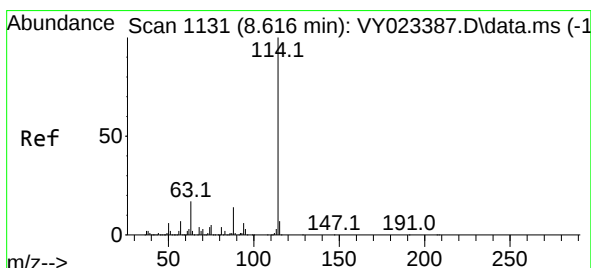
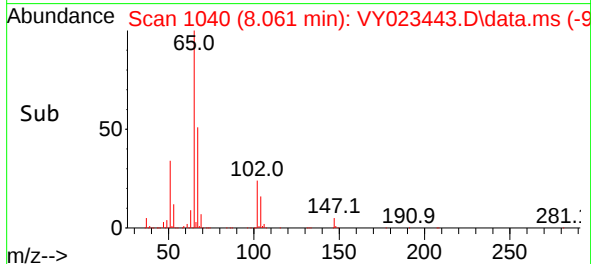
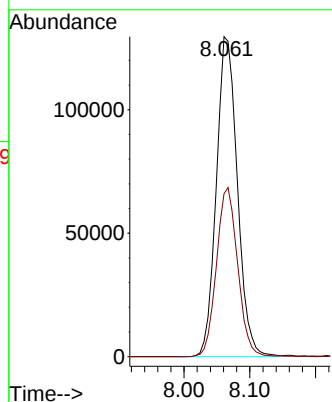
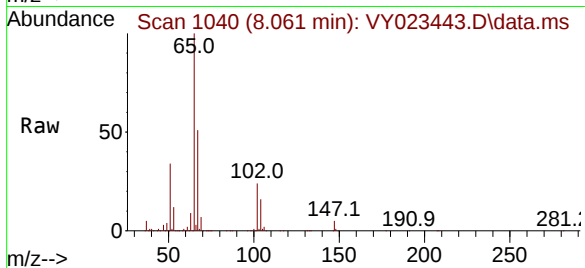
HADLEY-ROAD-TP

Tgt Ion: 65 Resp: 288772

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023443.D

Acq: 10 Oct 2025 16:47

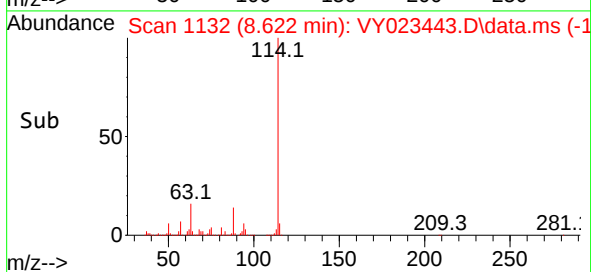
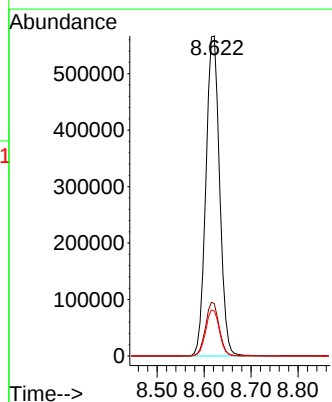
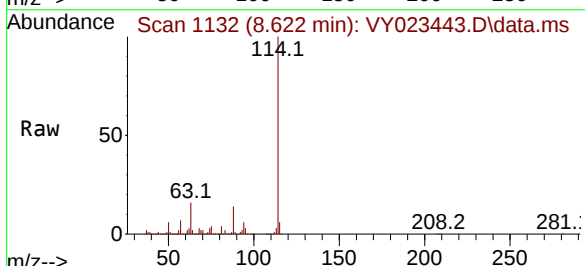
Tgt Ion:114 Resp: 1144298

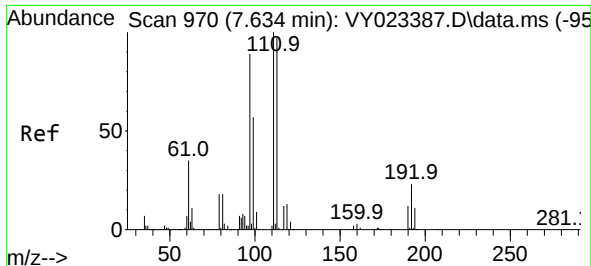
Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.2

88 14.1 0.0 28.4

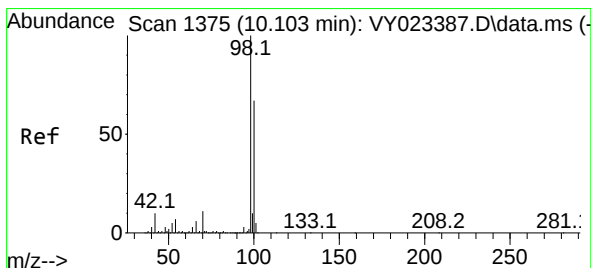
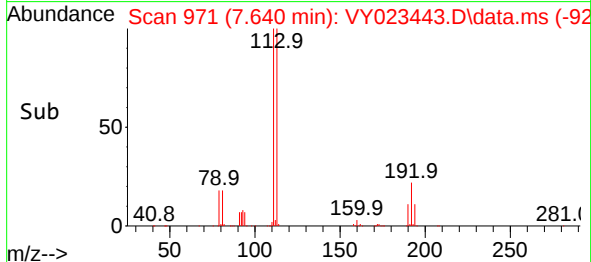
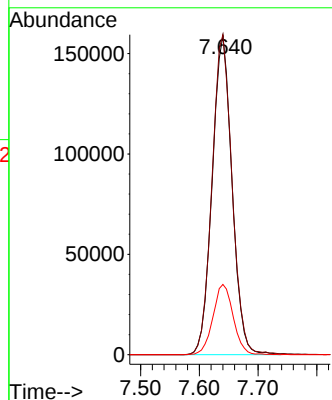
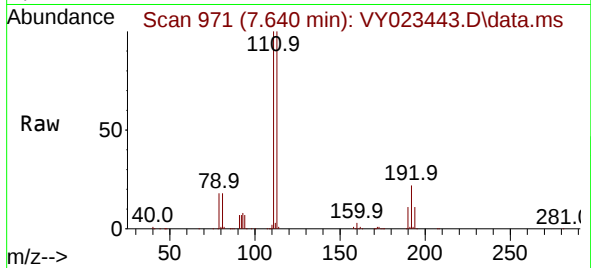




#35
Dibromofluoromethane
Concen: 53.016 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023443.D
Acq: 10 Oct 2025 16:47

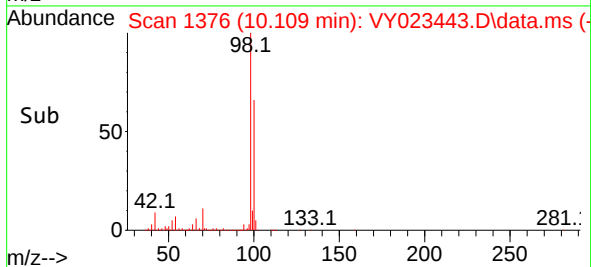
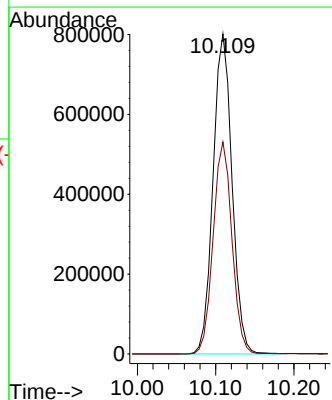
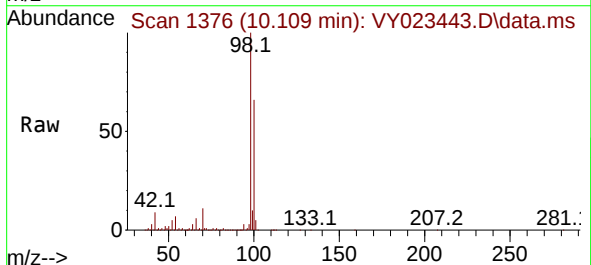
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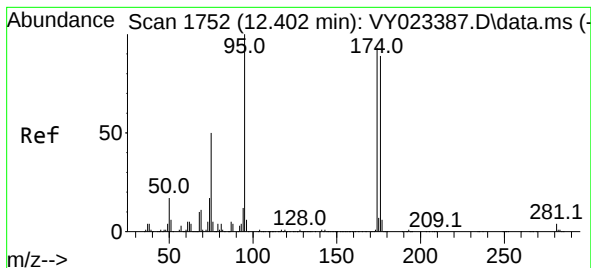
Tgt Ion:113 Resp: 372762
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 22.5 18.0 27.0



#50
Toluene-d8
Concen: 51.500 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023443.D
Acq: 10 Oct 2025 16:47

Tgt Ion: 98 Resp: 1348517
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4

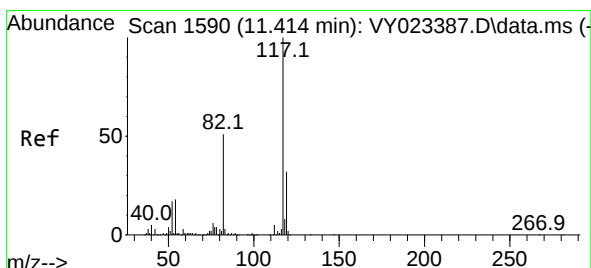
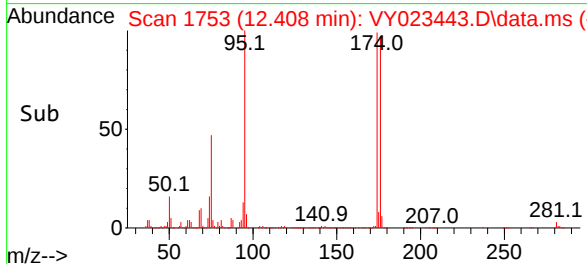
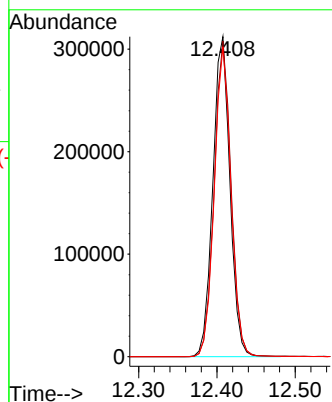
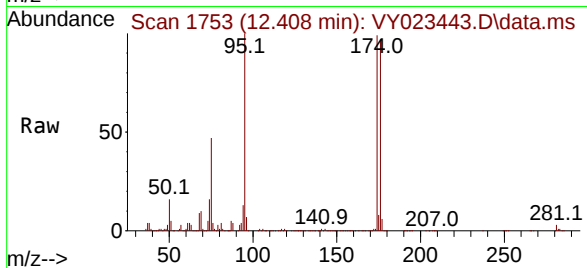




#62
4-Bromofluorobenzene
Concen: 54.677 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023443.D
Acq: 10 Oct 2025 16:47

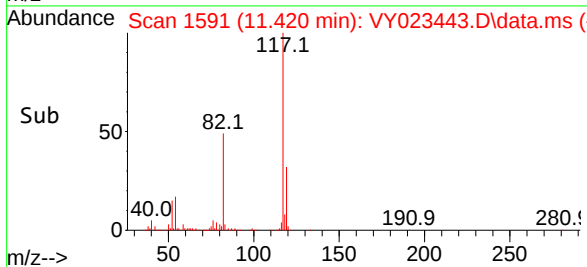
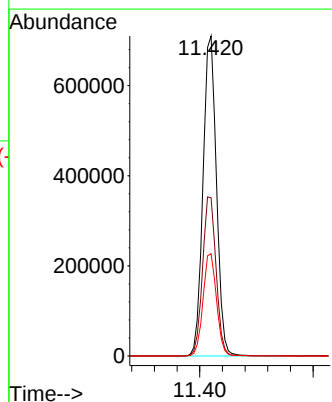
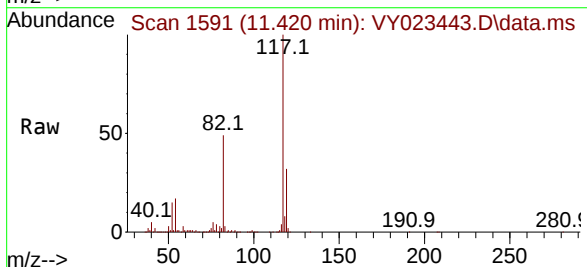
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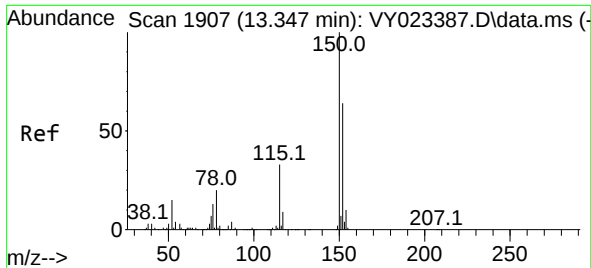
Tgt Ion: 95 Resp: 472680
Ion Ratio Lower Upper
95 100
174 98.1 0.0 192.8
176 94.7 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023443.D
Acq: 10 Oct 2025 16:47

Tgt Ion: 117 Resp: 1167485
Ion Ratio Lower Upper
117 100
82 49.5 41.0 61.4
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023443.D
 Acq: 10 Oct 2025 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 HADLEY-ROAD-TP

Tgt Ion:152 Resp: 530880
 Ion Ratio Lower Upper
 152 100
 115 53.7 27.1 81.2
 150 156.5 0.0 347.4

