

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023066.D
 Acq On : 13 Aug 2025 13:45
 Operator : SY/MD
 Sample : Q2830-05
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-WESTSIDE

Quant Time: Aug 14 01:23:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

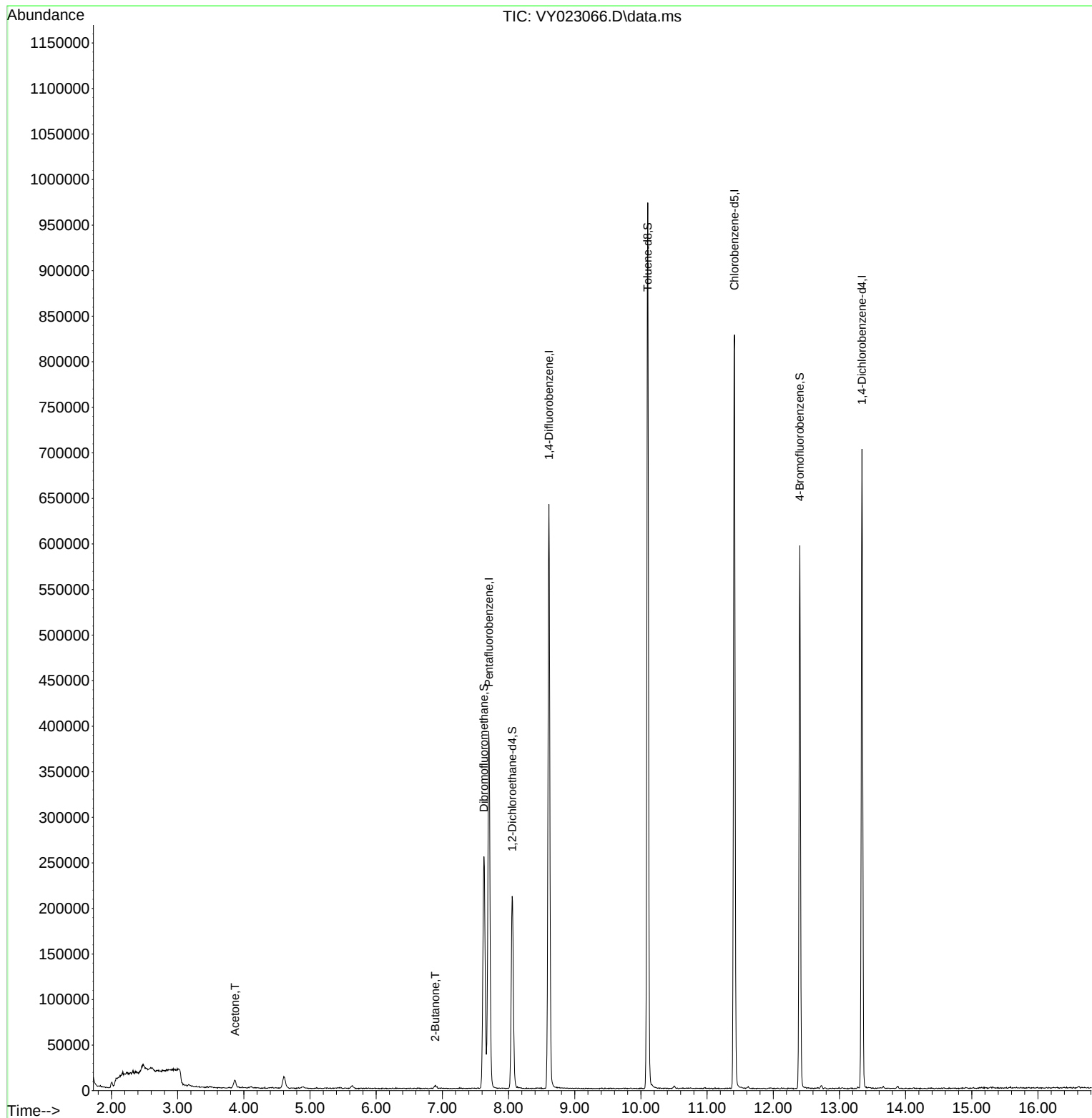
Internal Standards						
1) Pentafluorobenzene	7.701	168	304361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	544163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	450649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	178387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	170038	58.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.240%
35) Dibromofluoromethane	7.628	113	180062	55.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.600%
50) Toluene-d8	10.103	98	630007	49.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.401	95	176986	43.264	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.520%
Target Compounds						
						Qvalue
16) Acetone	3.866	43	13999	22.276	ug/l	95
25) 2-Butanone	6.890	43	4867	5.694	ug/l	93

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

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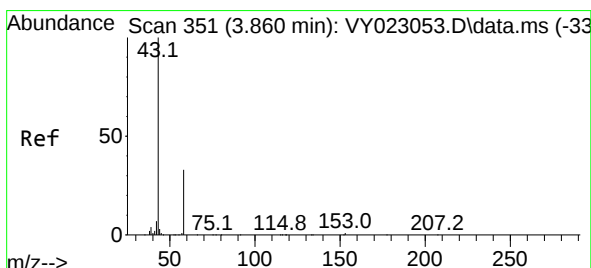
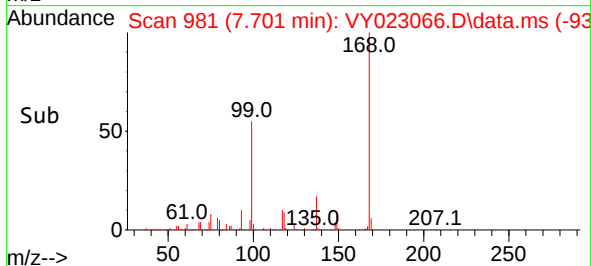
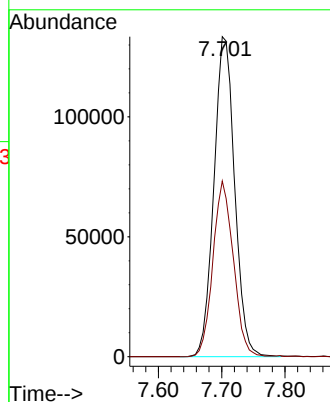
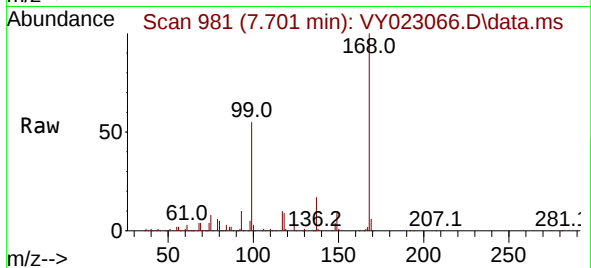




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

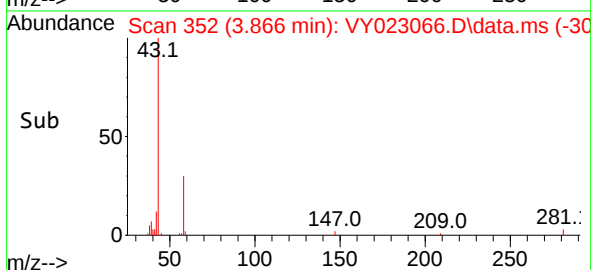
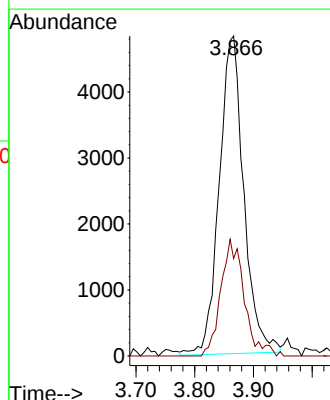
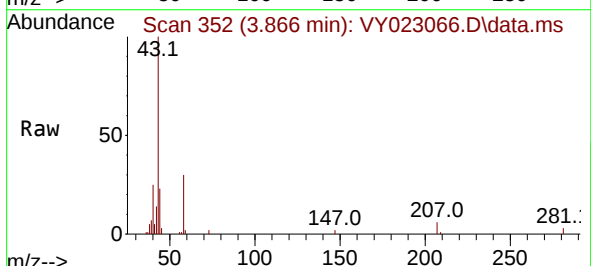
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDE

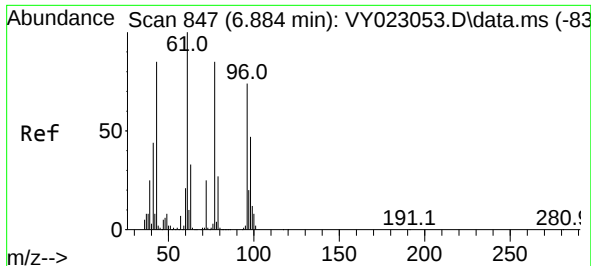
Tgt Ion:168 Resp: 304361
Ion Ratio Lower Upper
168 100
99 54.9 42.8 64.2



#16
Acetone
Concen: 22.276 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 43 Resp: 13999
Ion Ratio Lower Upper
43 100
58 30.9 27.1 40.7

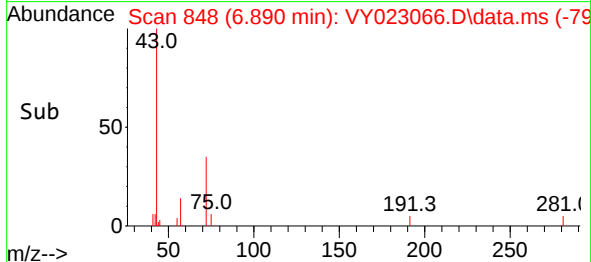
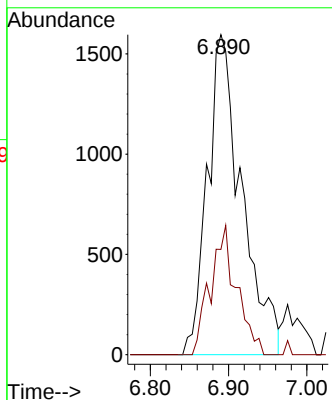
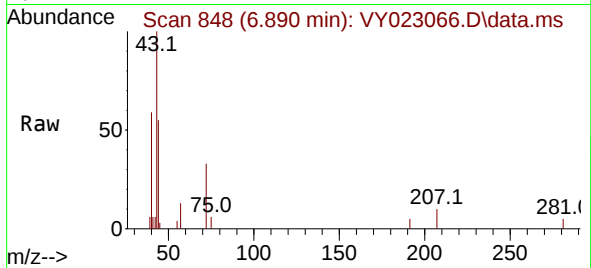




#25
2-Butanone
Concen: 5.694 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

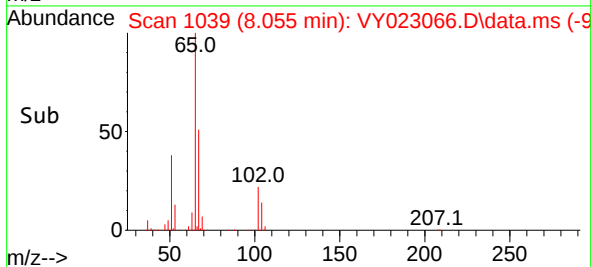
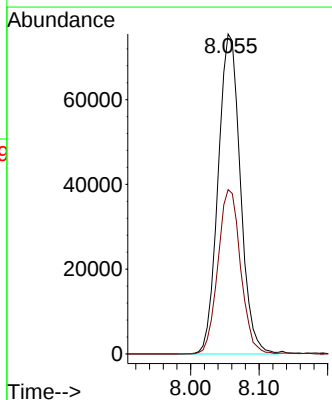
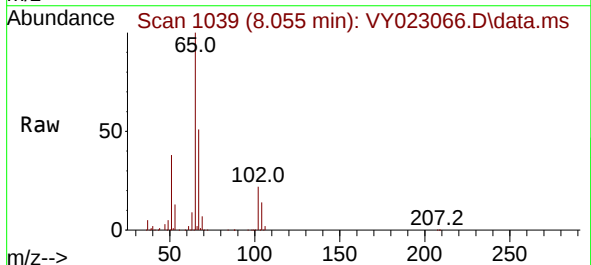
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDE

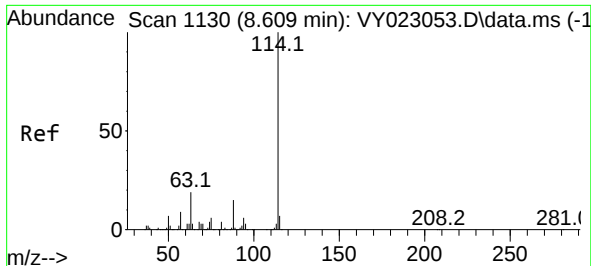
Tgt Ion: 43 Resp: 4867
Ion Ratio Lower Upper
43 100
72 32.9 23.5 35.3



#33
1,2-Dichloroethane-d4
Concen: 58.618 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 65 Resp: 170038
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY023066.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDE

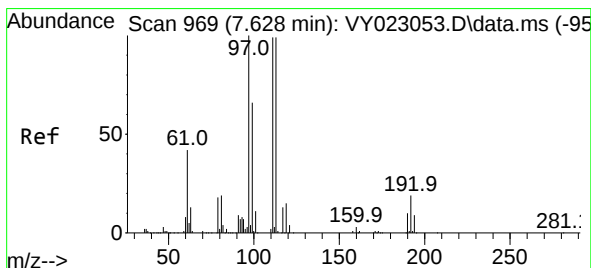
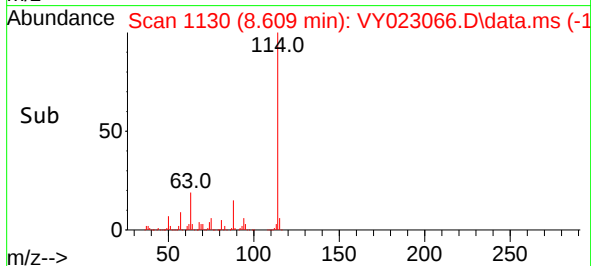
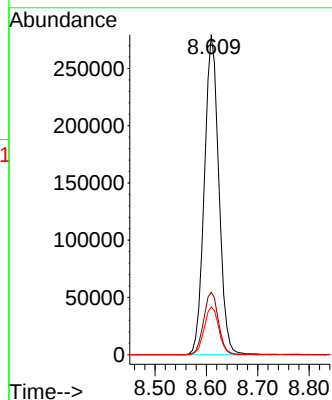
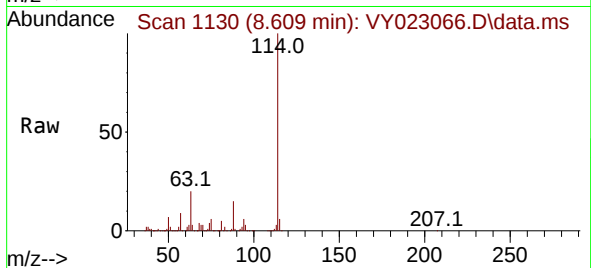
Tgt Ion:114 Resp: 544163

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 14.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.300 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY023066.D

Acq: 13 Aug 2025 13:45

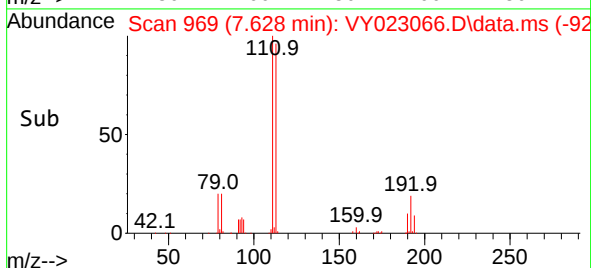
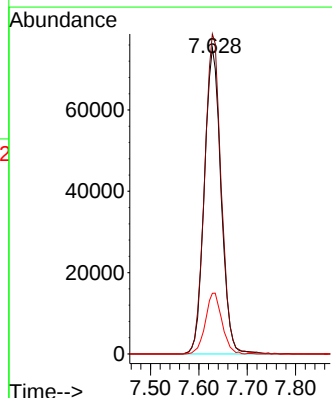
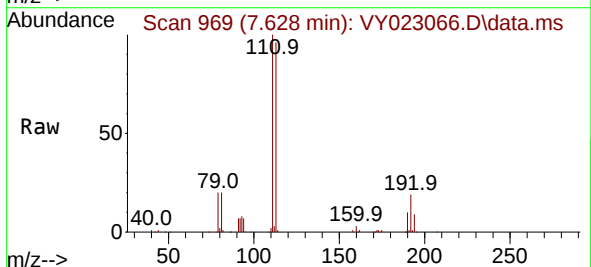
Tgt Ion:113 Resp: 180062

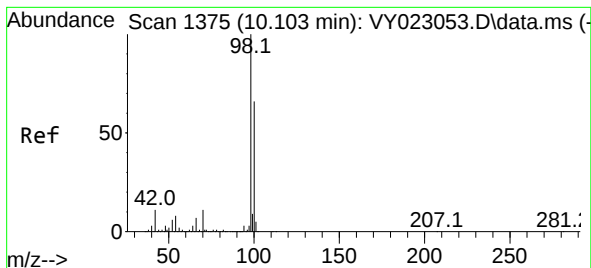
Ion Ratio Lower Upper

113 100

111 104.4 81.1 121.7

192 19.8 16.2 24.4

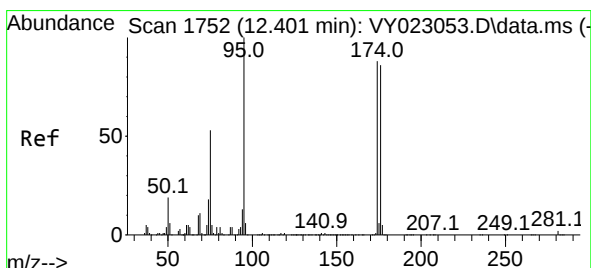
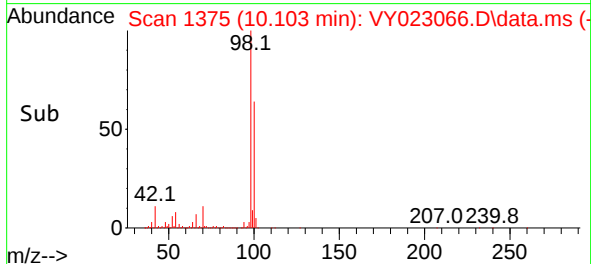
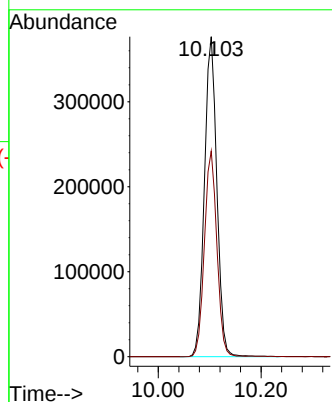
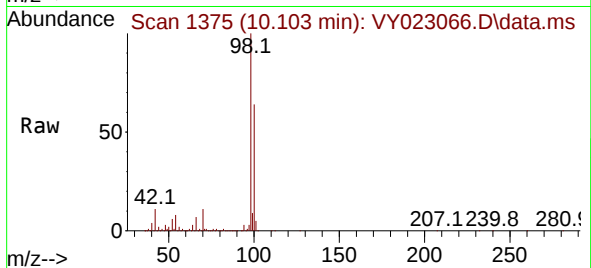




#50
Toluene-d8
Concen: 49.528 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

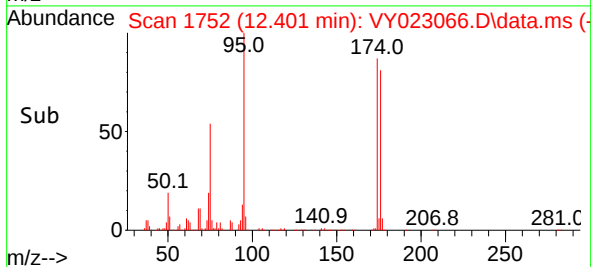
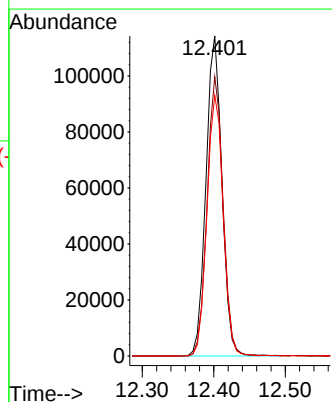
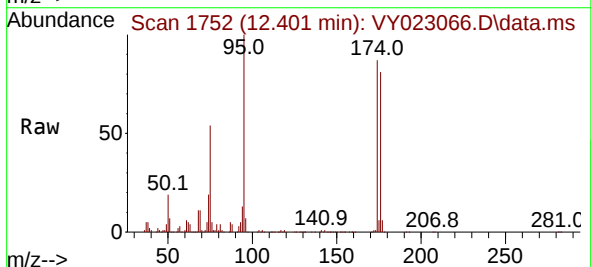
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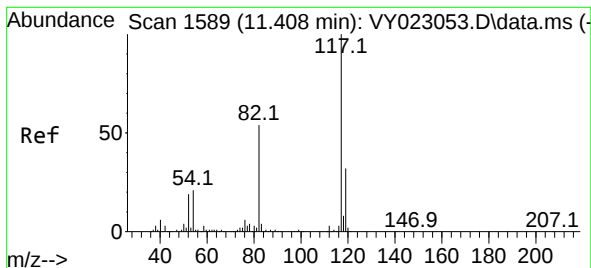
Tgt Ion: 98 Resp: 630007
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.264 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 95 Resp: 176986
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 82.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023066.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDE

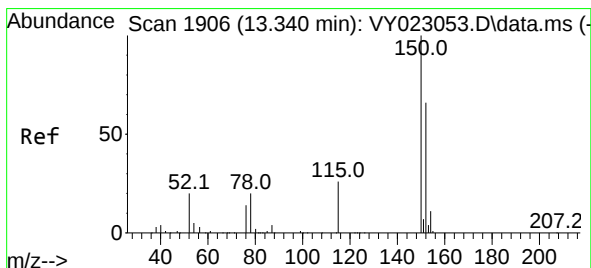
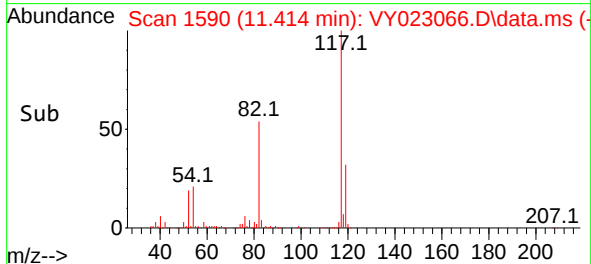
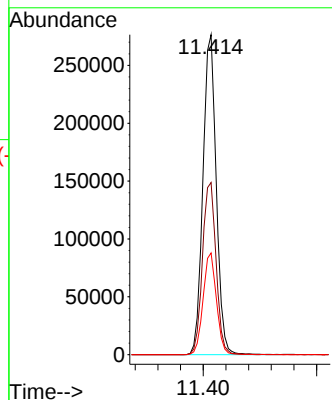
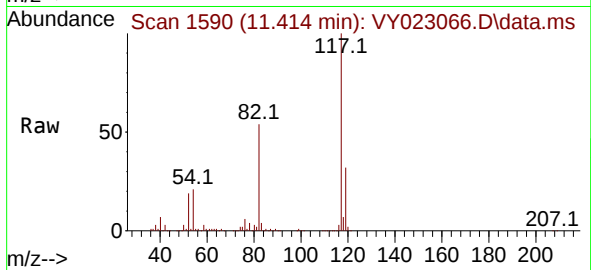
Tgt Ion:117 Resp: 450649

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY023066.D

Acq: 13 Aug 2025 13:45

Tgt Ion:152 Resp: 178387

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.6

150 155.0 0.0 348.0

