

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021535.D
 Acq On : 14 Mar 2025 13:02
 Operator : SY/MD
 Sample : Q1568-01
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-03132025

Quant Time: Mar 15 02:02:23 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)

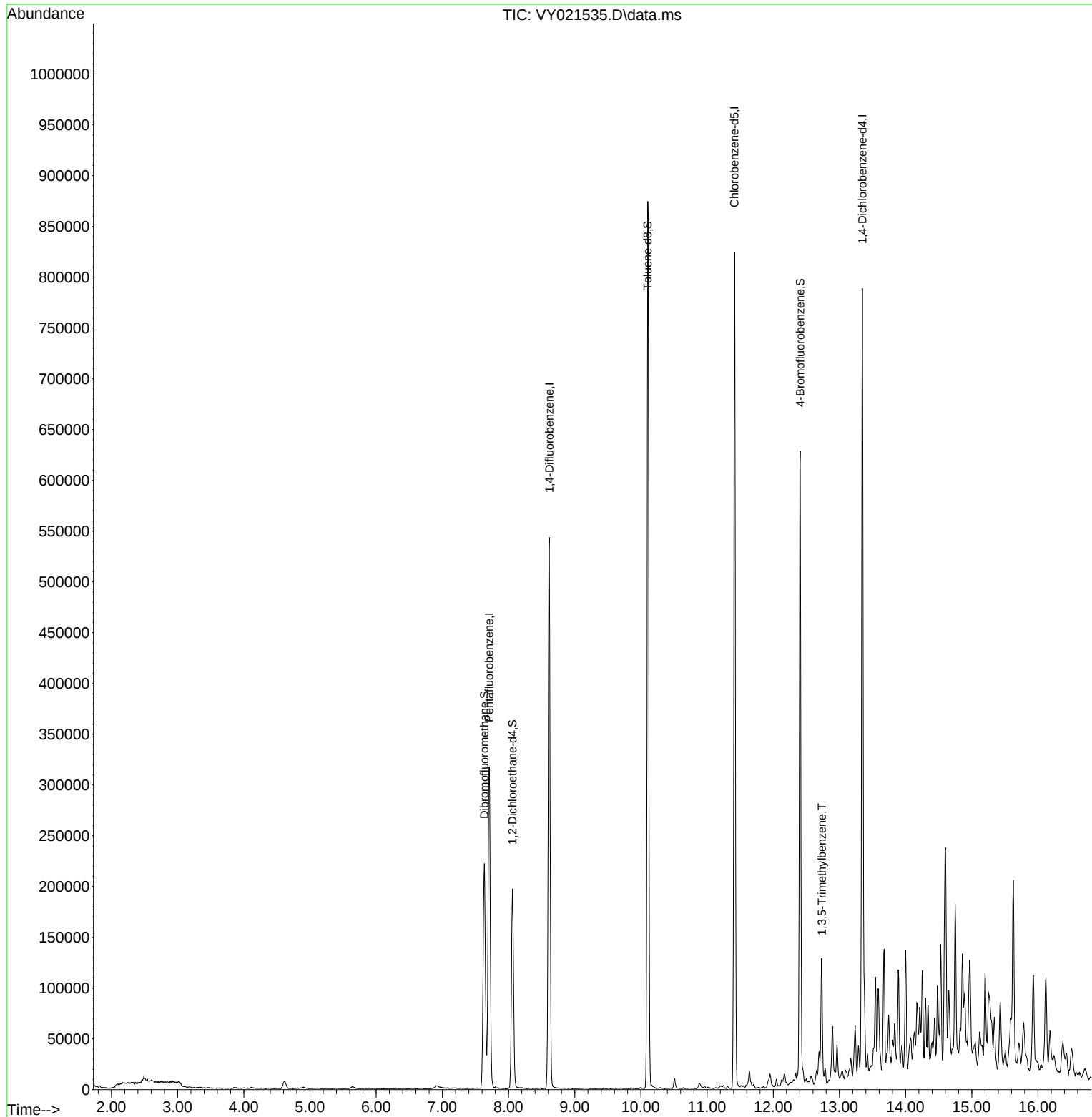
Internal Standards						
1) Pentafluorobenzene	7.707	168	237076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	446505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	412068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	185070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153325	61.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.380%	
35) Dibromofluoromethane	7.634	113	154740	52.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.440%	
50) Toluene-d8	10.103	98	554771	49.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.407	95	186228	49.266	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.540%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.737	105	18499	1.561	ug/l	Qvalue 99

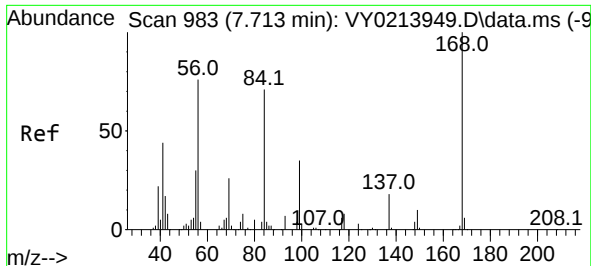
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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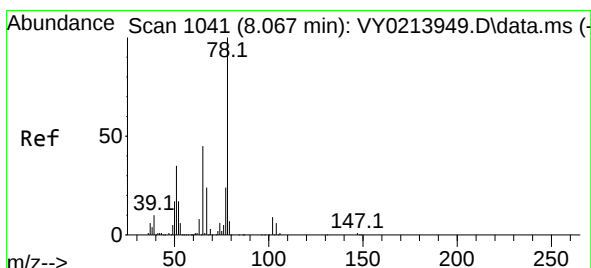
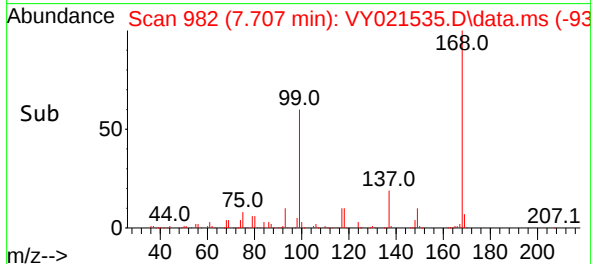
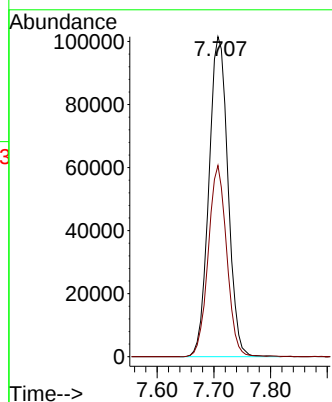
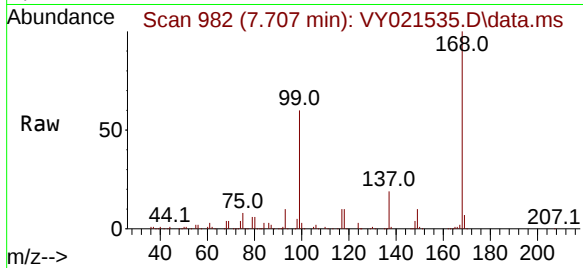




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021535.D
Acq: 14 Mar 2025 13:02

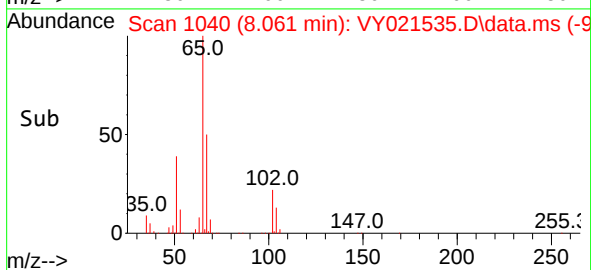
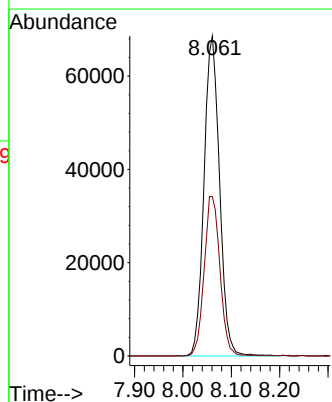
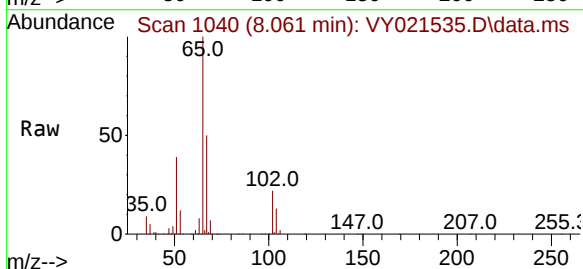
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03132025

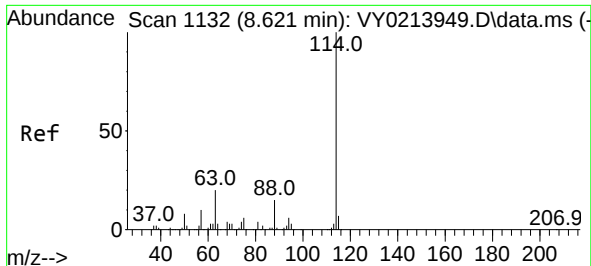
Tgt Ion:168 Resp: 237076
Ion Ratio Lower Upper
168 100
99 59.8 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 61.189 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021535.D
Acq: 14 Mar 2025 13:02

Tgt Ion: 65 Resp: 153325
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021535.D

Acq: 14 Mar 2025 13:02

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-03132025

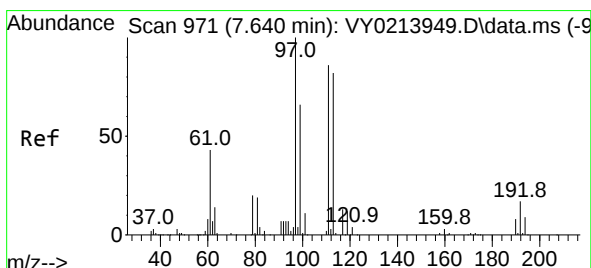
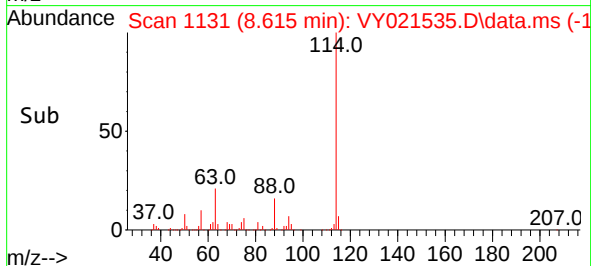
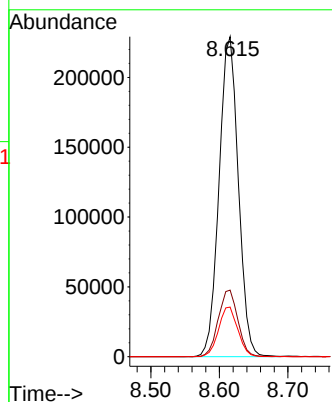
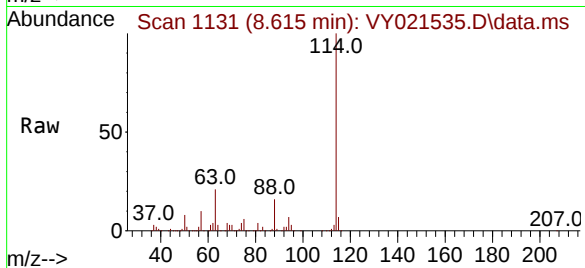
Tgt Ion:114 Resp: 446505

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.5 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.723 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021535.D

Acq: 14 Mar 2025 13:02

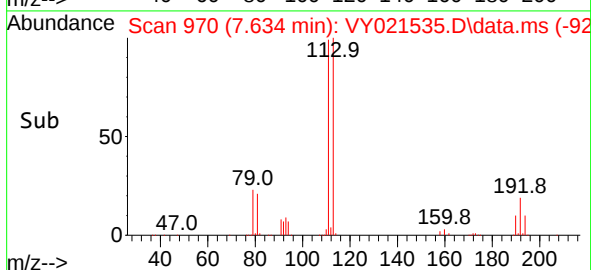
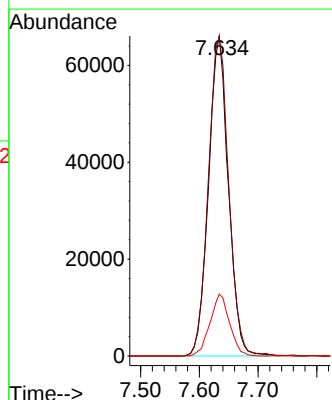
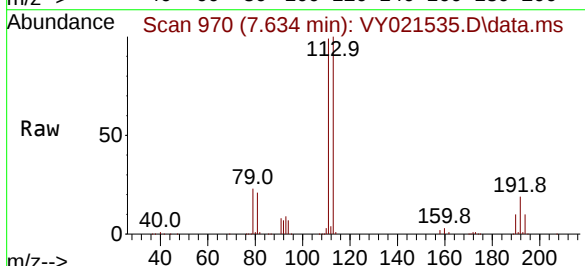
Tgt Ion:113 Resp: 154740

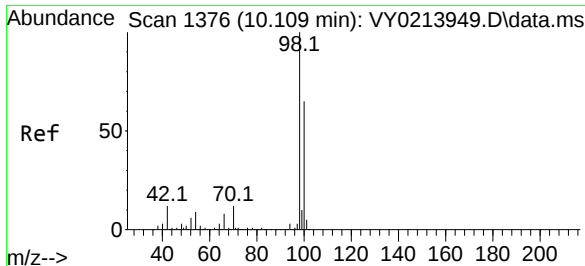
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 19.1 15.9 23.9

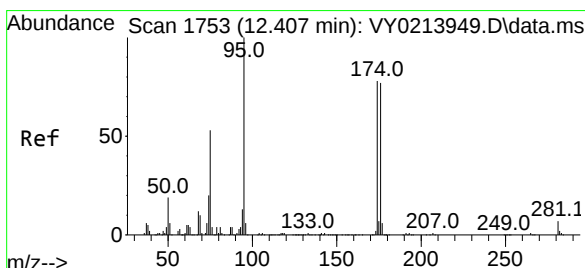
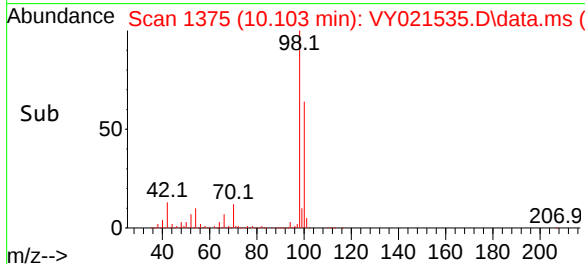
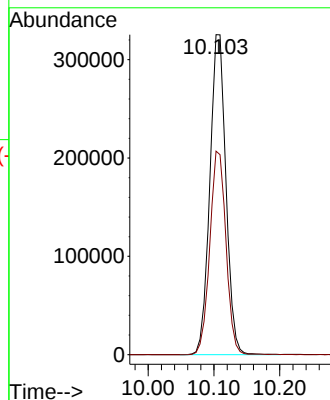
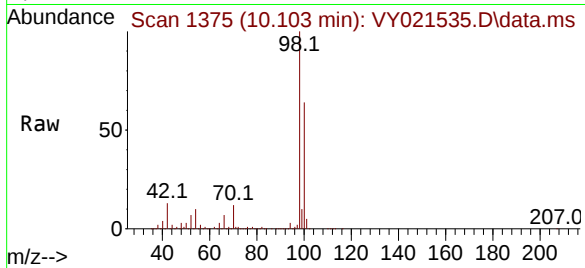




#50
Toluene-d8
Concen: 49.923 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021535.D
Acq: 14 Mar 2025 13:02

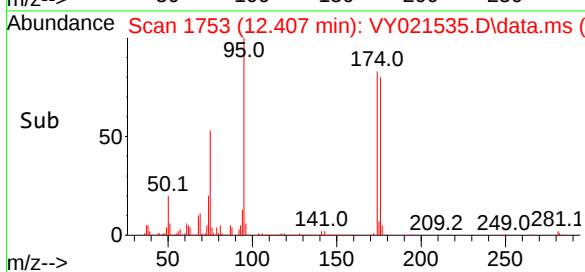
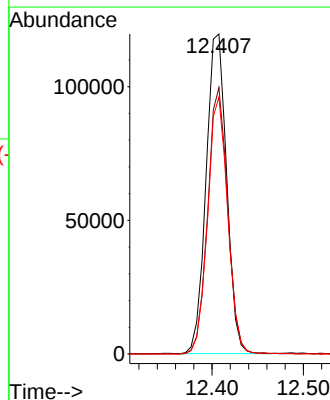
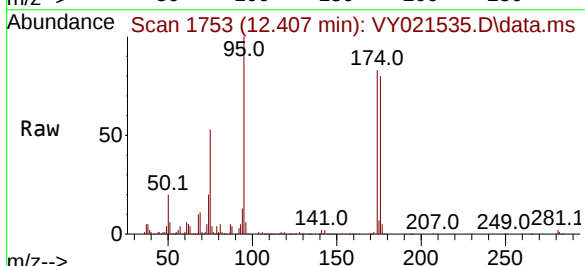
Instrument :
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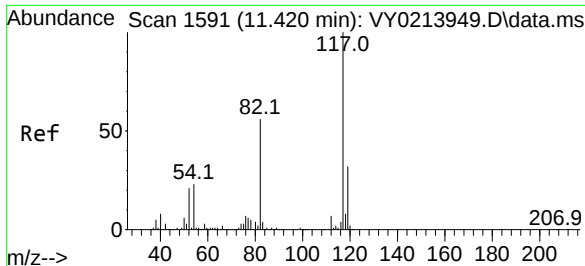
Tgt Ion: 98 Resp: 554771
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.266 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021535.D
Acq: 14 Mar 2025 13:02

Tgt Ion: 95 Resp: 186228
Ion Ratio Lower Upper
95 100
174 81.0 0.0 165.0
176 78.4 0.0 160.0

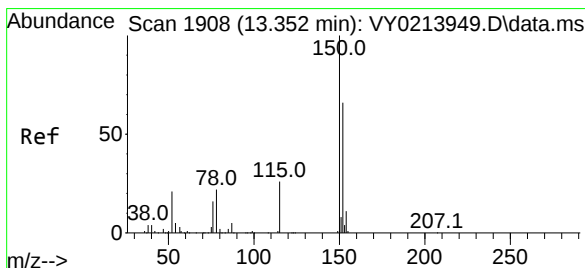
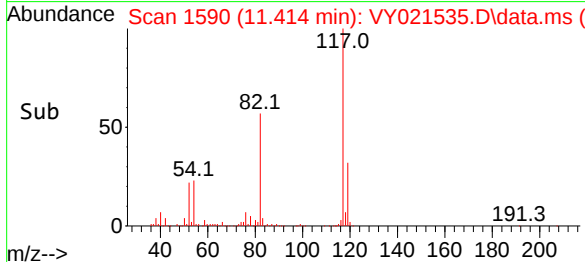
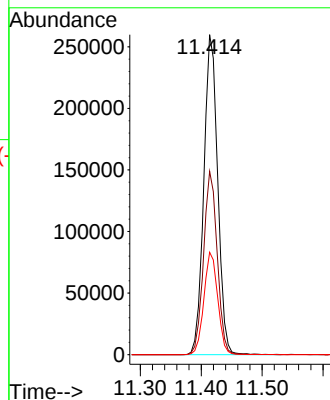
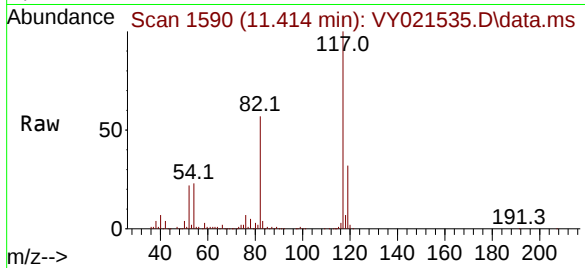




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021535.D
Acq: 14 Mar 2025 13:02

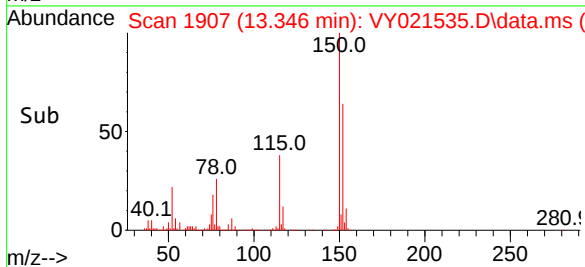
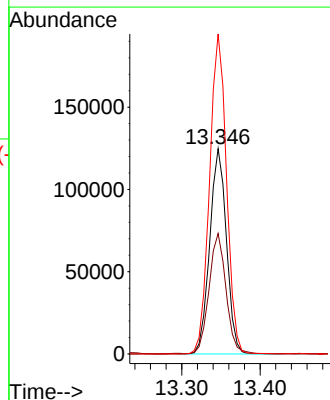
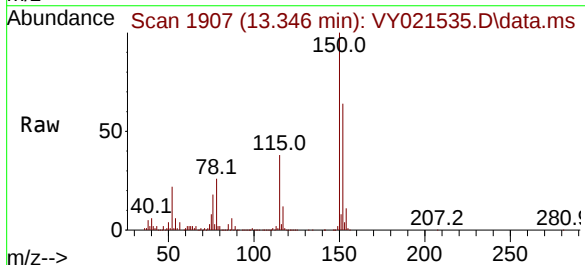
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MSVOA_Y
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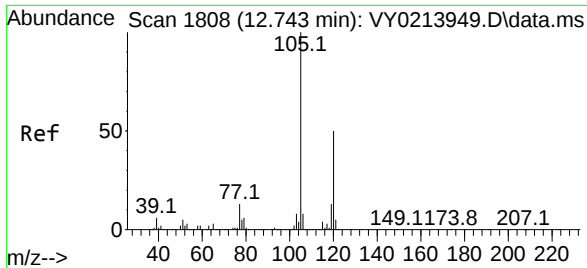
Tgt Ion:117 Resp: 412068
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021535.D
Acq: 14 Mar 2025 13:02

Tgt Ion:152 Resp: 185070
Ion Ratio Lower Upper
152 100
115 59.4 29.0 87.0
150 157.6 0.0 347.2





#80
1,3,5-Trimethylbenzene
Concen: 1.561 ug/l
RT: 12.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021535.D
Acq: 14 Mar 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03132025

Tgt Ion:105 Resp: 18499
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.6

