

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022032.D
 Acq On : 28 Apr 2025 15:28
 Operator : SY/MD
 Sample : Q1889-01
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Apr 29 03:54:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	304513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	584934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	527708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	198753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152207	54.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.220%
35) Dibromofluoromethane	7.634	113	200741	51.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.109	98	706293	48.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.408	95	194400	39.638	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.280%

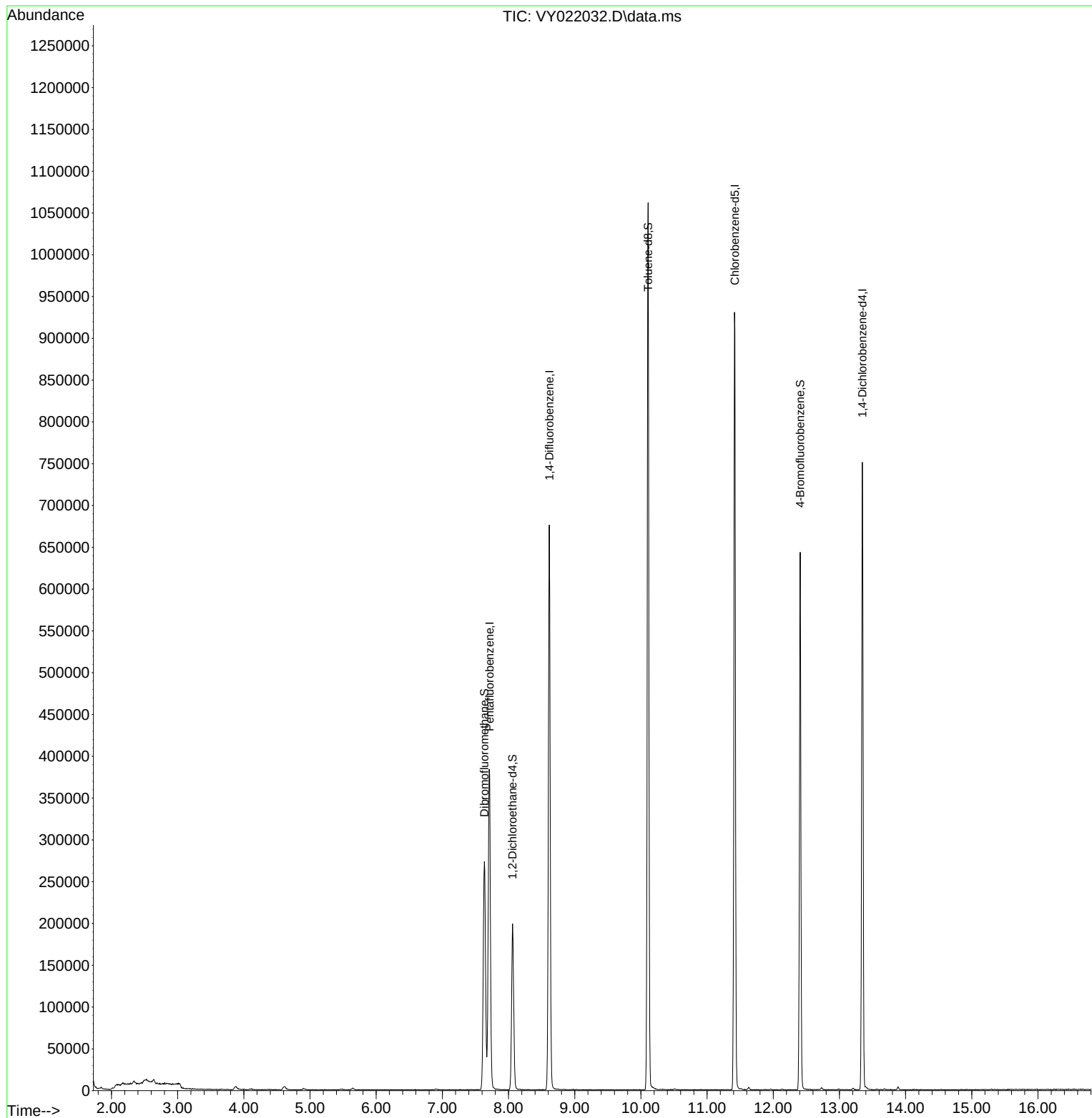
Target Compounds	Qvalue

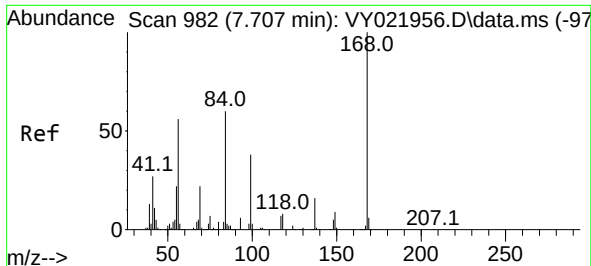
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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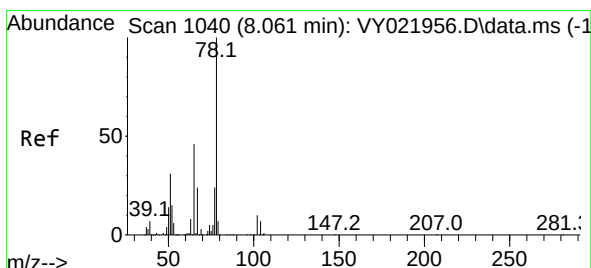
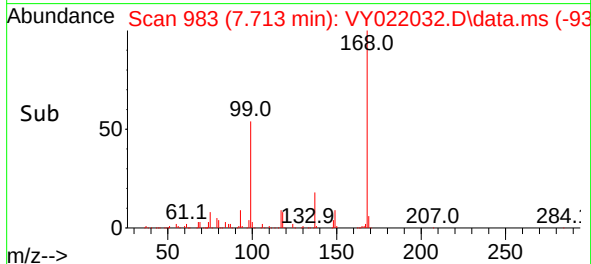
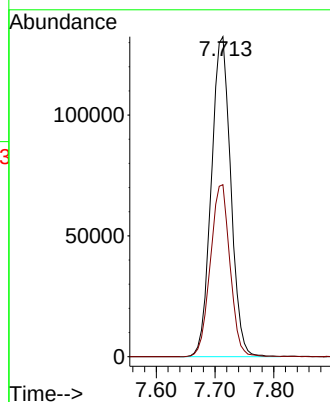
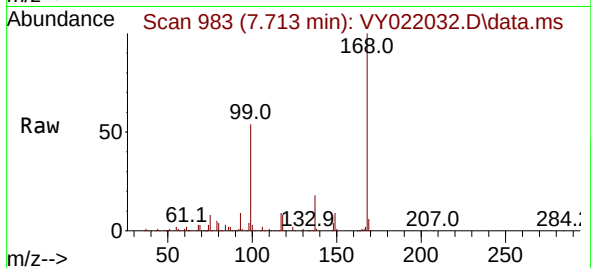




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022032.D
Acq: 28 Apr 2025 15:28

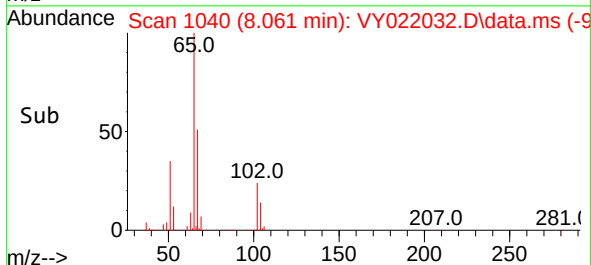
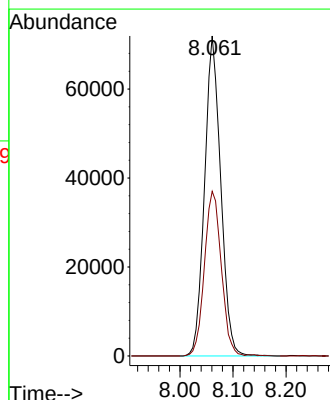
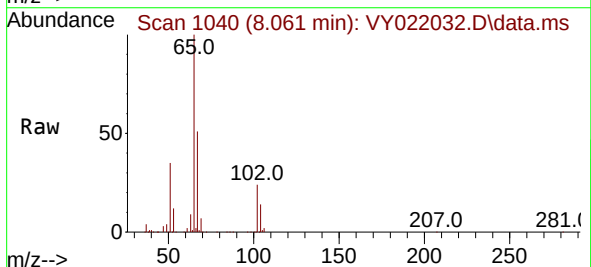
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

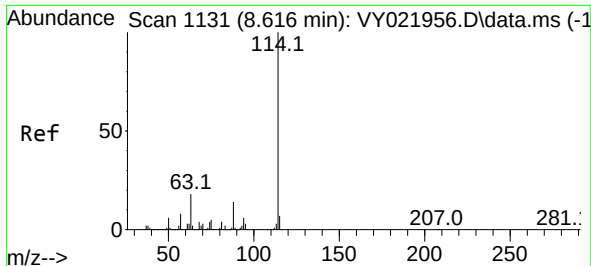
Tgt Ion:168 Resp: 304513
Ion Ratio Lower Upper
168 100
99 53.8 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 54.114 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022032.D
Acq: 28 Apr 2025 15:28

Tgt Ion: 65 Resp: 152207
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.8

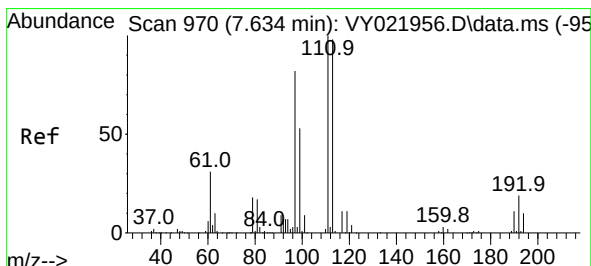
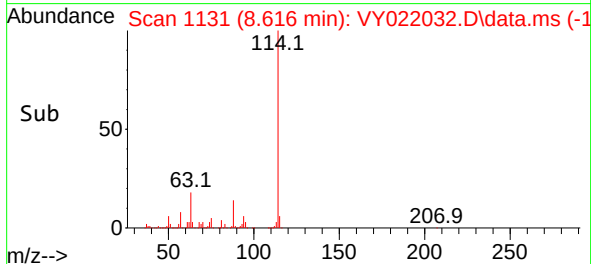
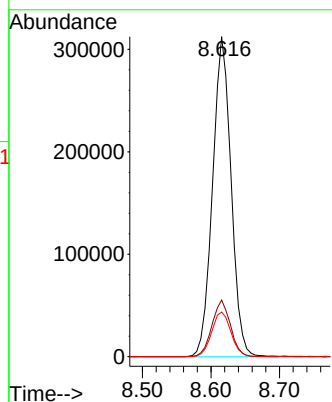
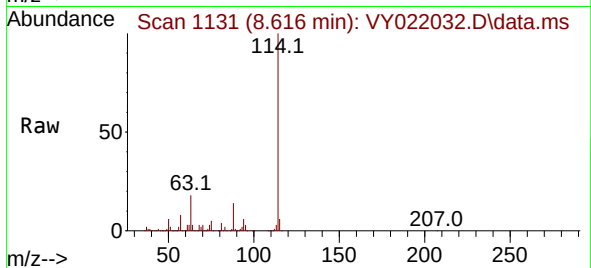




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022032.D
Acq: 28 Apr 2025 15:28

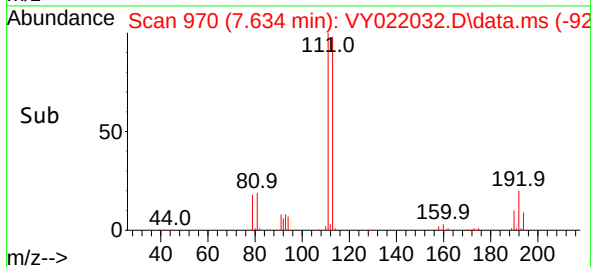
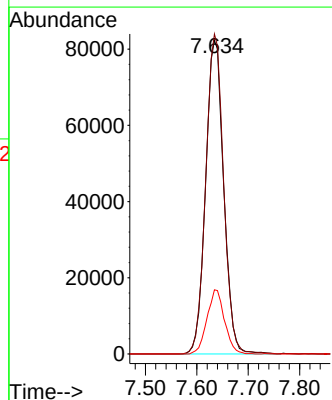
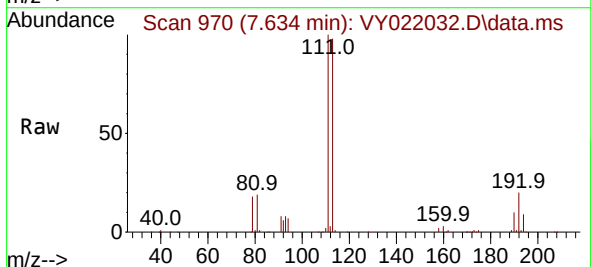
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

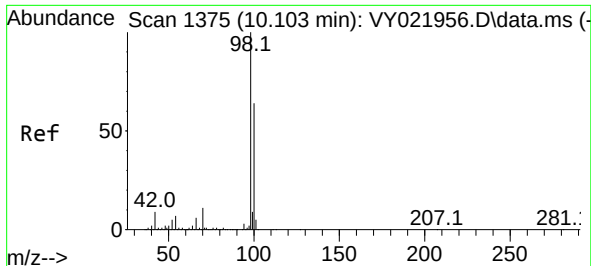
Tgt Ion:114 Resp: 584934
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.4
88 14.0 0.0 28.2



#35
Dibromofluoromethane
Concen: 51.946 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022032.D
Acq: 28 Apr 2025 15:28

Tgt Ion:113 Resp: 200741
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 19.9 15.6 23.4

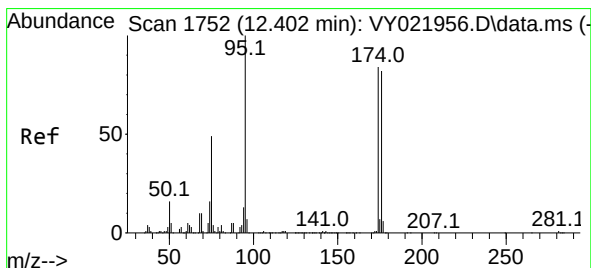
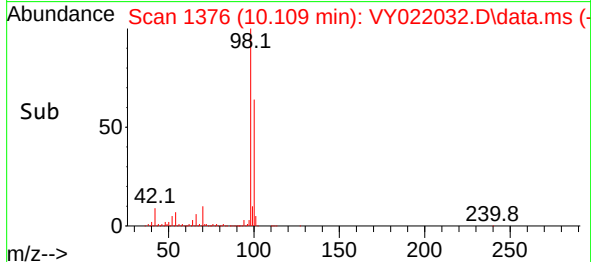
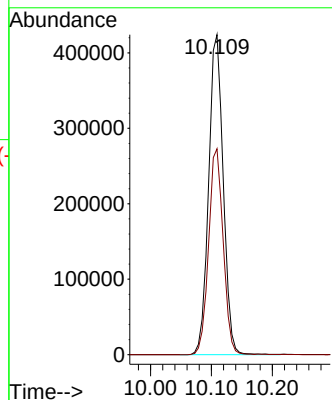
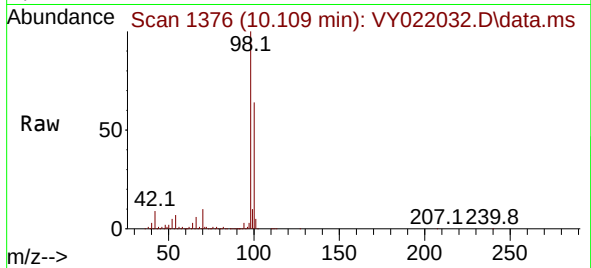




#50
Toluene-d8
Concen: 48.480 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022032.D
Acq: 28 Apr 2025 15:28

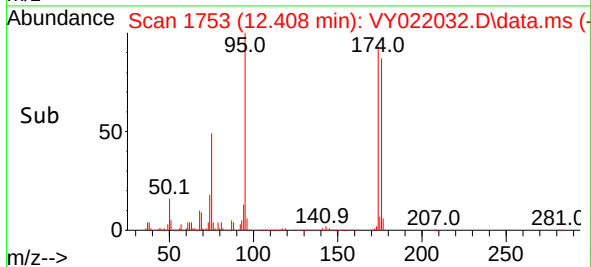
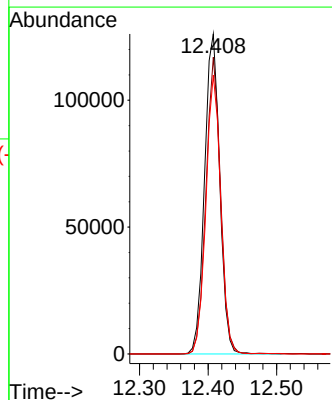
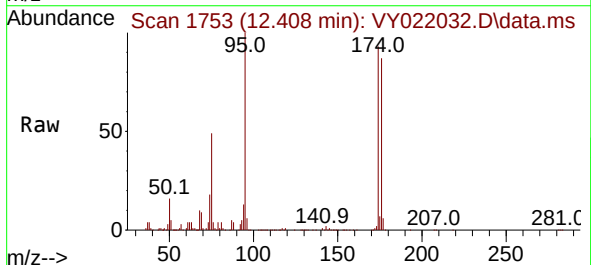
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

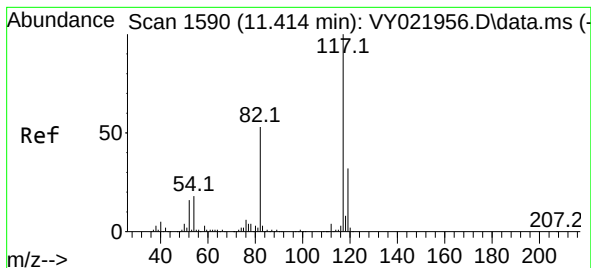
Tgt Ion: 98 Resp: 706293
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.638 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022032.D
Acq: 28 Apr 2025 15:28

Tgt Ion: 95 Resp: 194400
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.0
176 85.4 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022032.D

Acq: 28 Apr 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

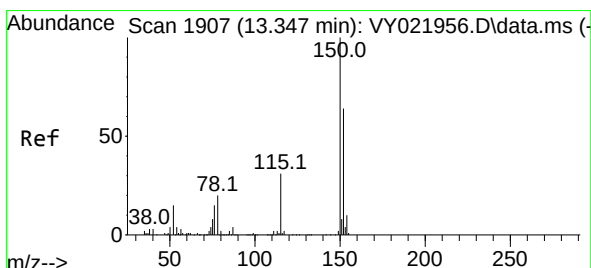
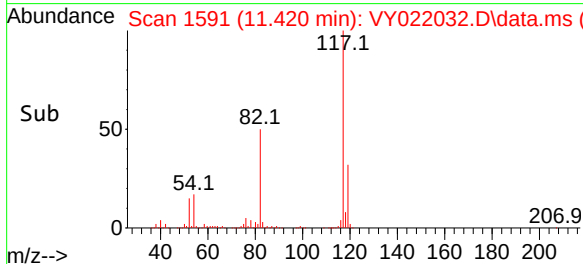
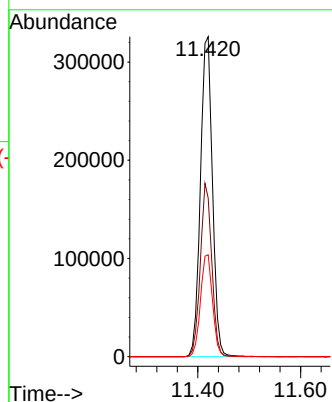
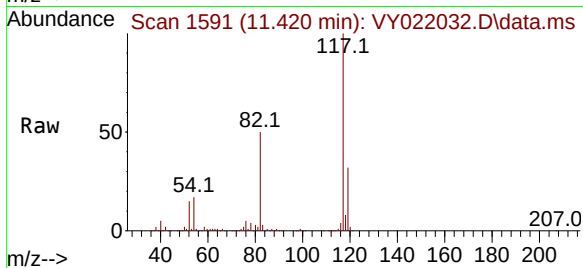
Tgt Ion:117 Resp: 527708

Ion Ratio Lower Upper

117 100

82 49.6 42.1 63.1

119 31.9 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: VY022032.D

Acq: 28 Apr 2025 15:28

Tgt Ion:152 Resp: 198753

Ion Ratio Lower Upper

152 100

115 56.2 28.0 84.0

150 156.3 0.0 345.6

