

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021315.D
 Acq On : 25 Feb 2025 16:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 26 02:23:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	245753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	467381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	448191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	185205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144150	51.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.420%
35) Dibromofluoromethane	7.634	113	151449	49.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.860%
50) Toluene-d8	10.103	98	579939	48.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.408	95	198786	49.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.760%

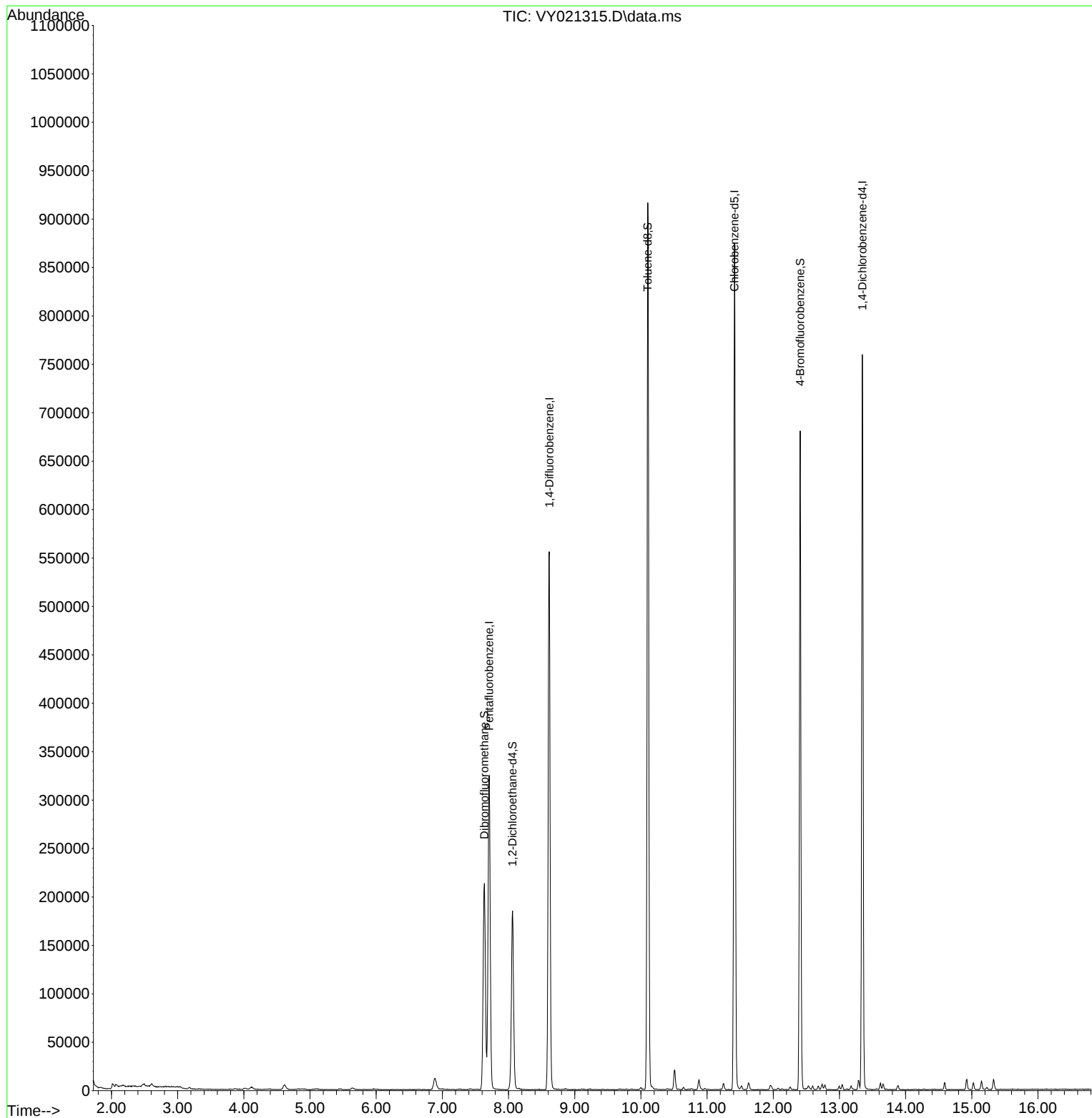
Target Compounds	Qvalue

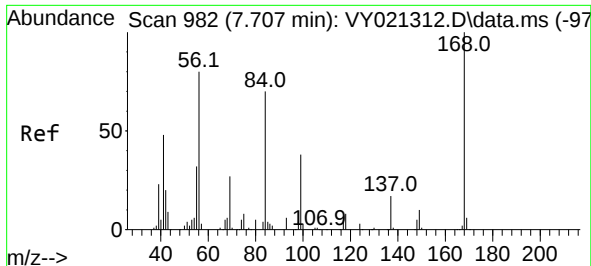
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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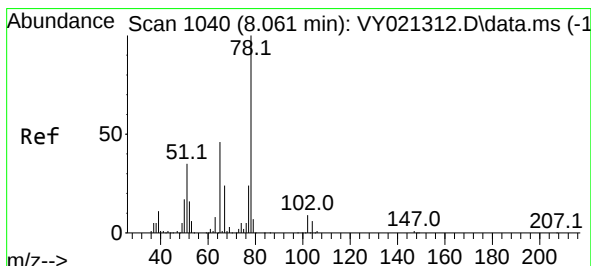
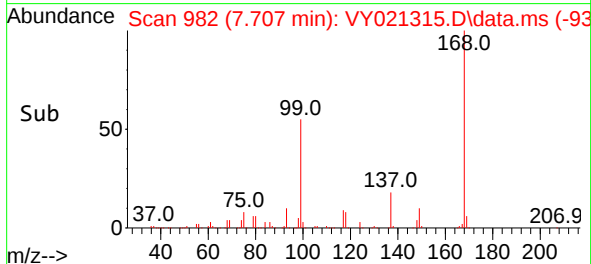
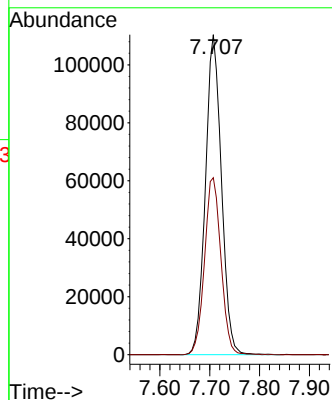
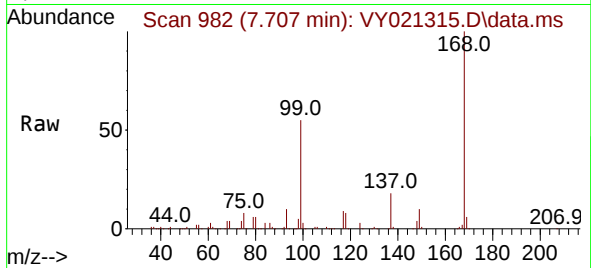




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021315.D
Acq: 25 Feb 2025 16:24

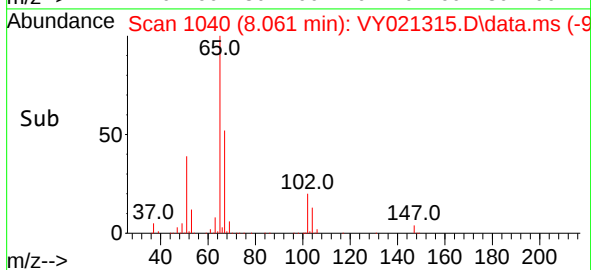
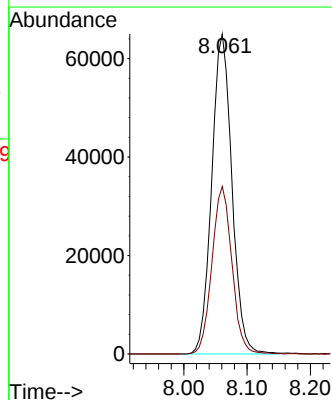
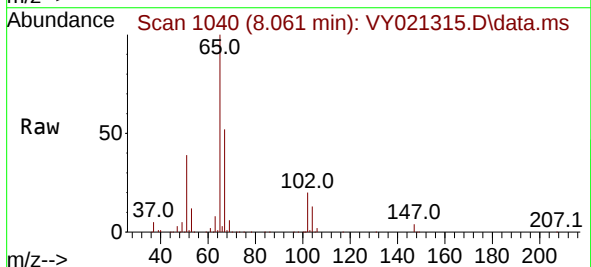
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

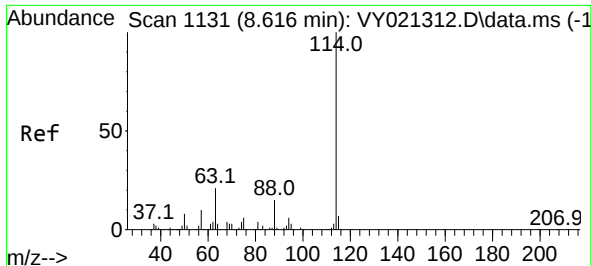
Tgt Ion:168 Resp: 245753
Ion Ratio Lower Upper
168 100
99 55.3 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 51.707 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021315.D
Acq: 25 Feb 2025 16:24

Tgt Ion: 65 Resp: 144150
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.6

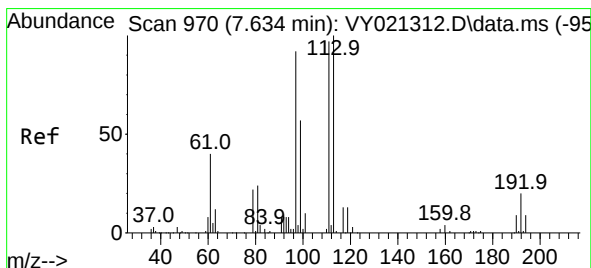
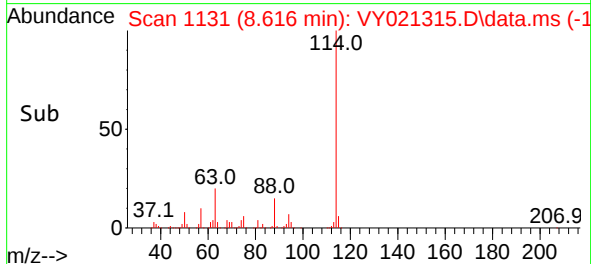
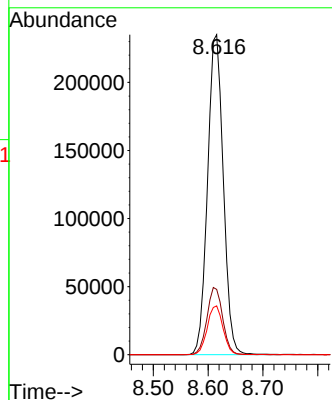
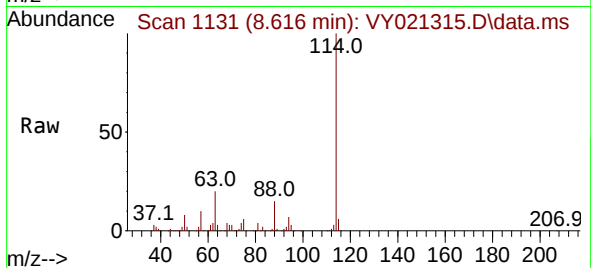




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021315.D
Acq: 25 Feb 2025 16:24

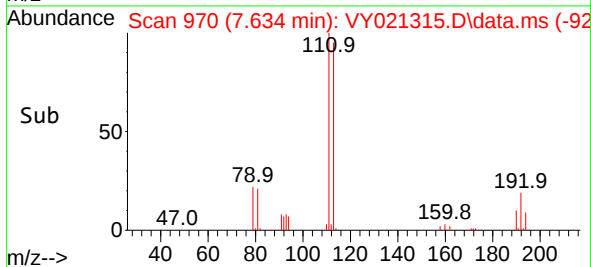
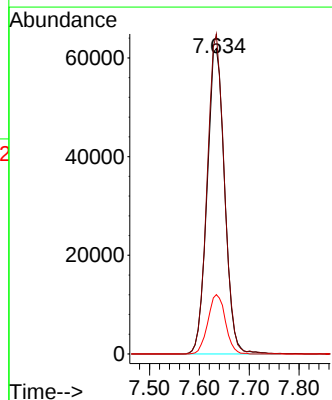
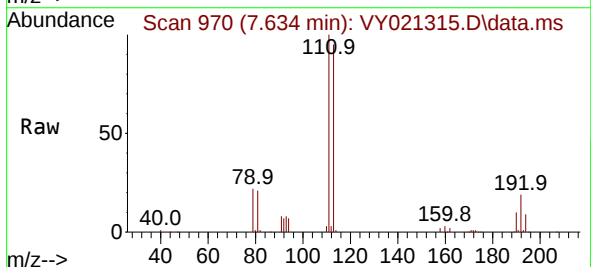
Instrument :
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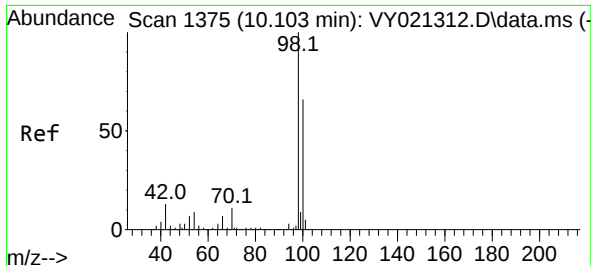
Tgt Ion:114 Resp: 467381
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.2
88 15.2 0.0 29.8



#35
Dibromofluoromethane
Concen: 49.425 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021315.D
Acq: 25 Feb 2025 16:24

Tgt Ion:113 Resp: 151449
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.6
192 19.4 15.8 23.8

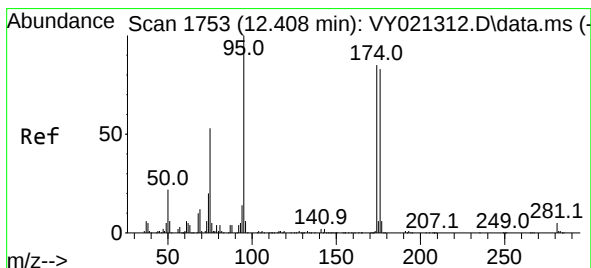
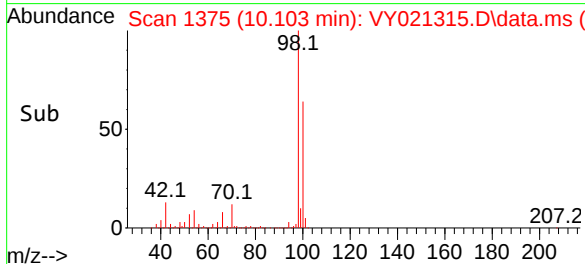
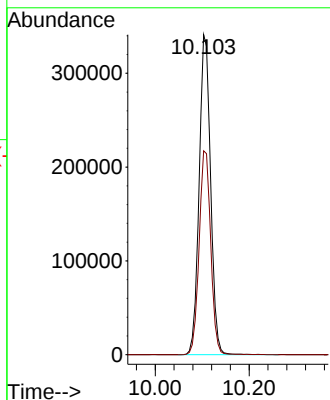
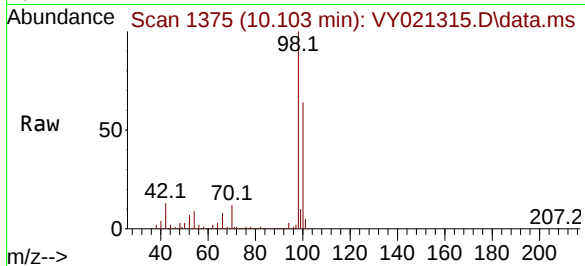




#50
Toluene-d8
Concen: 48.972 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021315.D
Acq: 25 Feb 2025 16:24

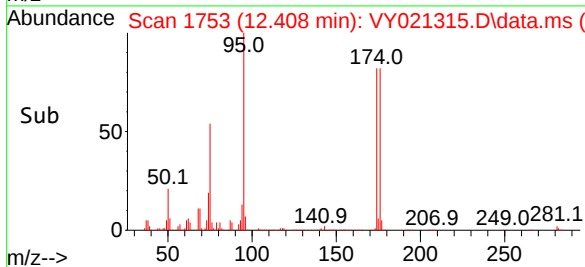
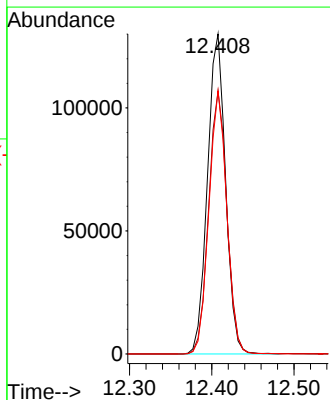
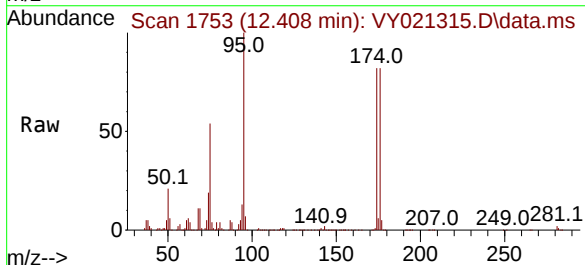
Instrument :
MSVOA_Y
ClientSampleId :
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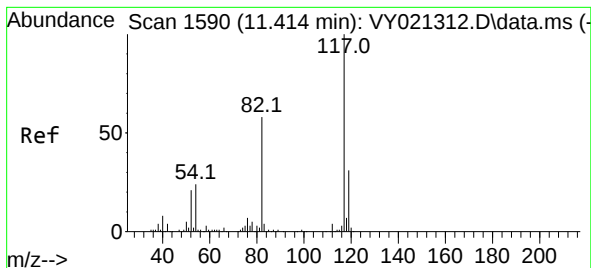
Tgt Ion: 98 Resp: 579939
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.878 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021315.D
Acq: 25 Feb 2025 16:24

Tgt Ion: 95 Resp: 198786
Ion Ratio Lower Upper
95 100
174 83.2 0.0 168.0
176 81.3 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021315.D

Acq: 25 Feb 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

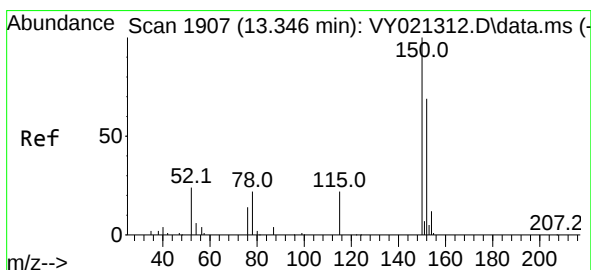
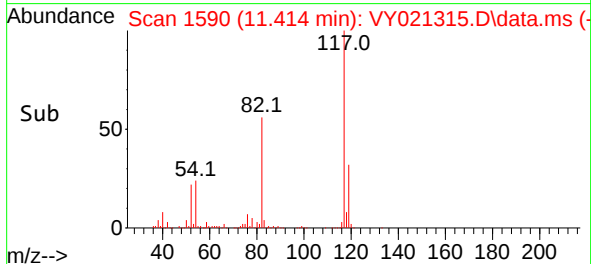
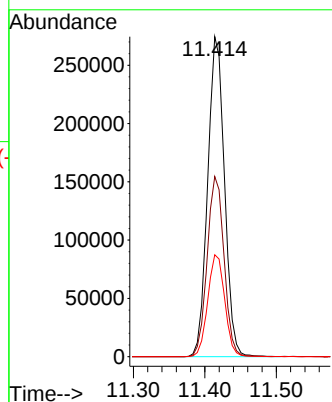
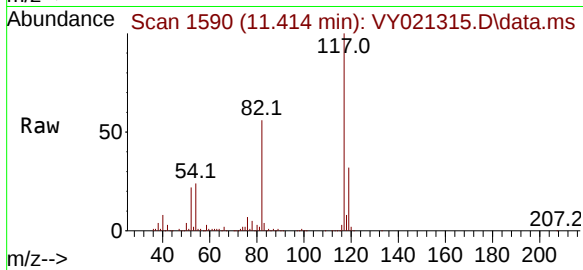
Tgt Ion:117 Resp: 448191

Ion Ratio Lower Upper

117 100

82 56.3 46.2 69.4

119 31.9 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021315.D

Acq: 25 Feb 2025 16:24

Tgt Ion:152 Resp: 185205

Ion Ratio Lower Upper

152 100

115 57.8 29.3 88.0

150 155.6 0.0 347.4

