

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021585.D
 Acq On : 20 Mar 2025 16:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 21 01:34:39 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	118026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	224451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	217179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	86531	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	78764	63.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.280%
35) Dibromofluoromethane	7.634	113	80447	54.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.060%
50) Toluene-d8	10.109	98	276928	49.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.408	95	87946	46.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.560%

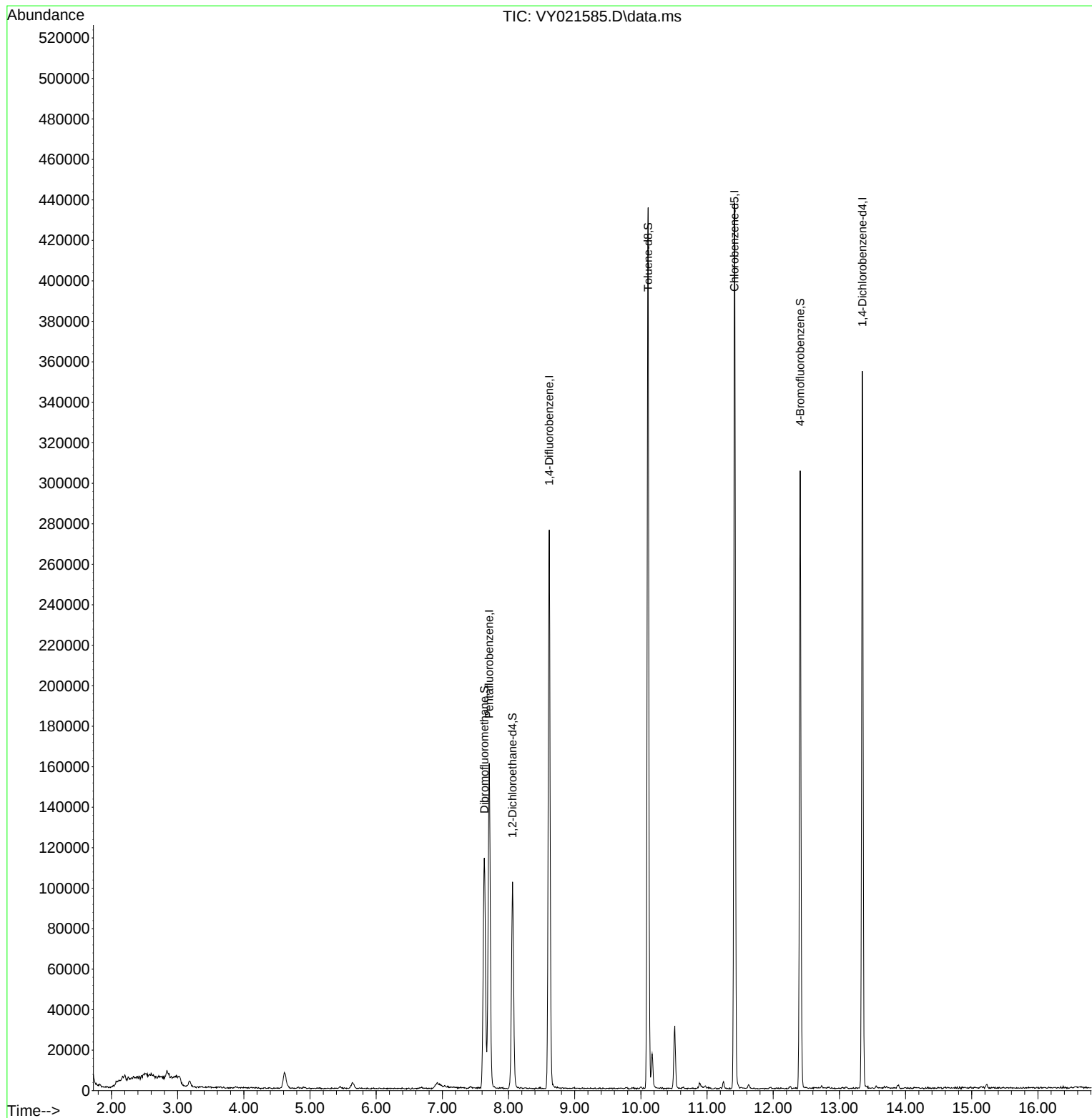
Target Compounds	Qvalue

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

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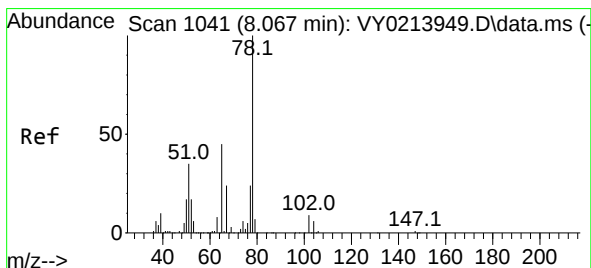
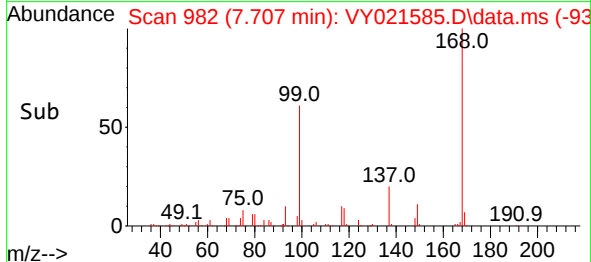
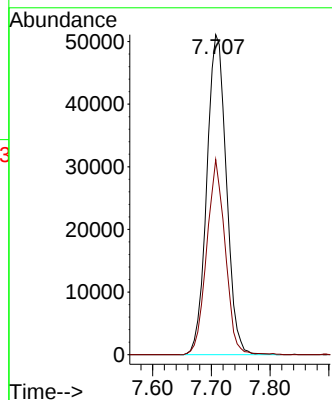
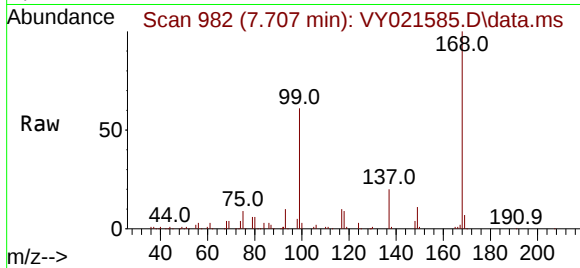




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021585.D
Acq: 20 Mar 2025 16:21

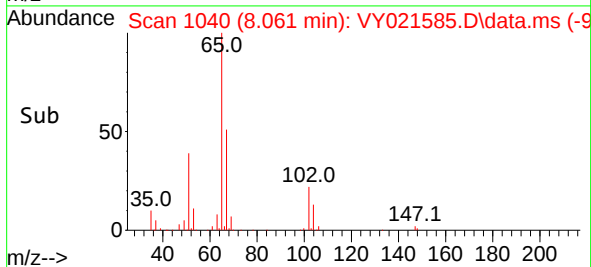
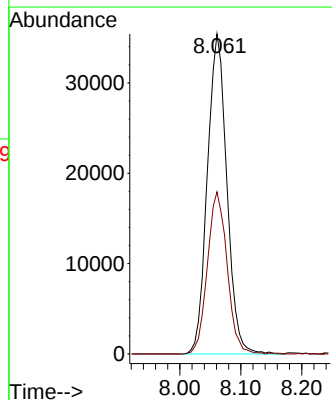
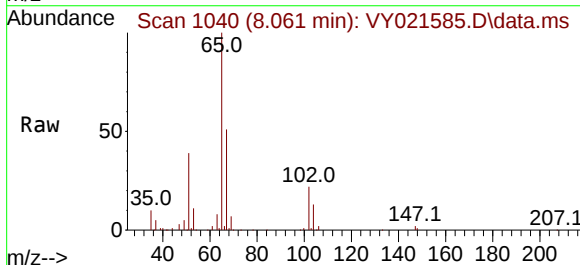
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

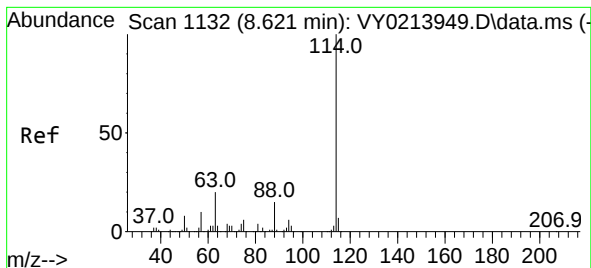
Tgt Ion:168 Resp: 118026
Ion Ratio Lower Upper
168 100
99 60.9 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 63.139 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021585.D
Acq: 20 Mar 2025 16:21

Tgt Ion: 65 Resp: 78764
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021585.D

Acq: 20 Mar 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

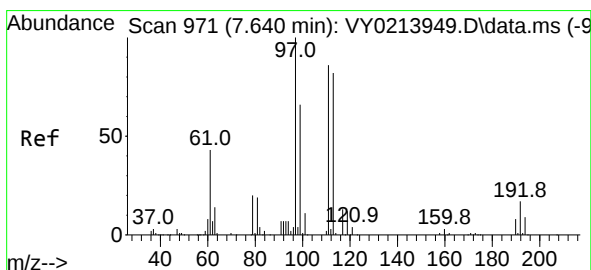
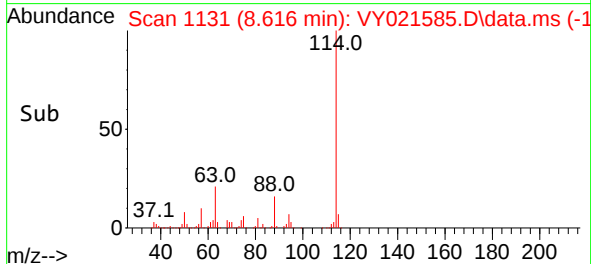
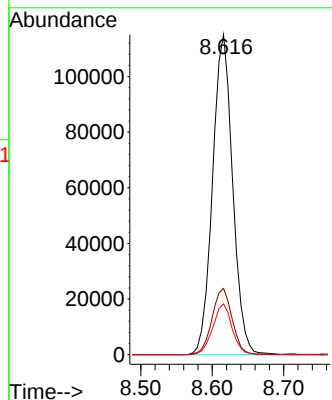
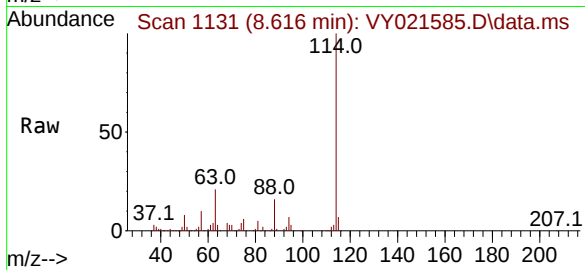
Tgt Ion:114 Resp: 224451

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.527 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021585.D

Acq: 20 Mar 2025 16:21

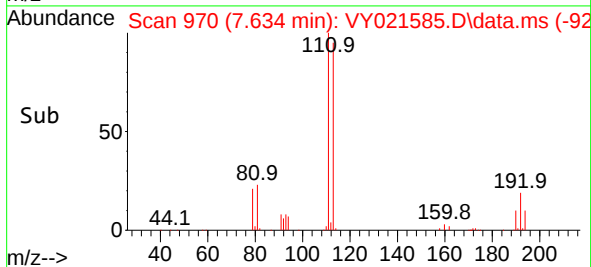
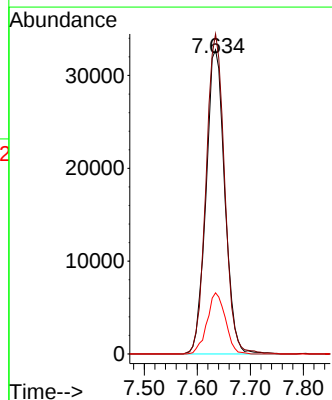
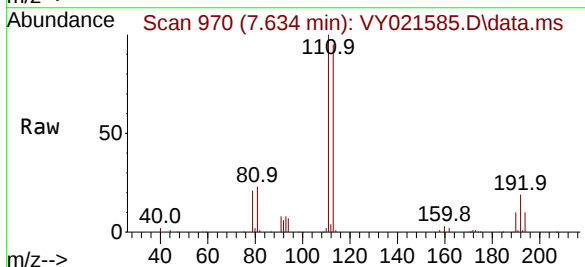
Tgt Ion:113 Resp: 80447

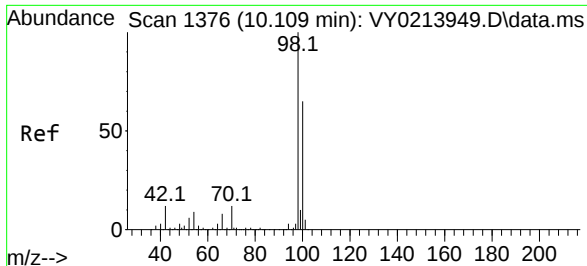
Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 19.7 15.9 23.9

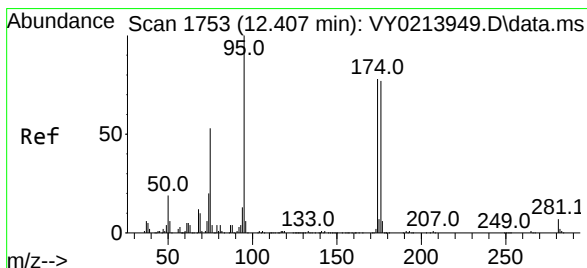
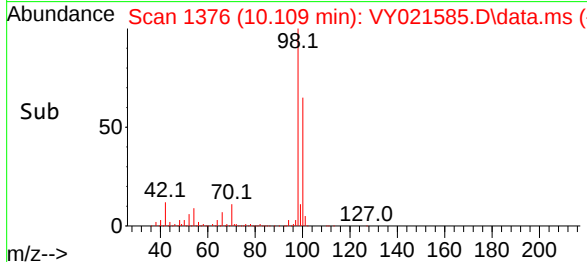
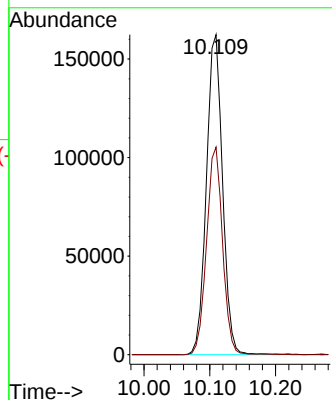
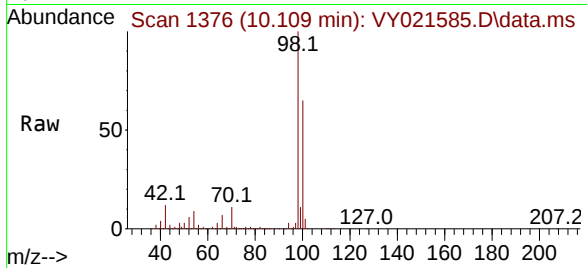




#50
Toluene-d8
Concen: 49.574 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021585.D
Acq: 20 Mar 2025 16:21

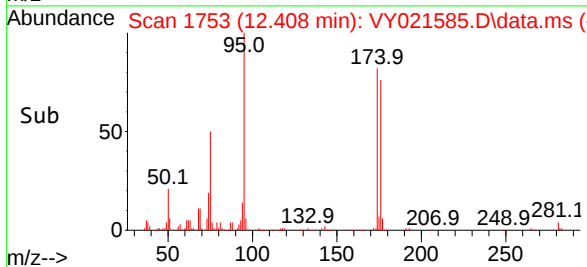
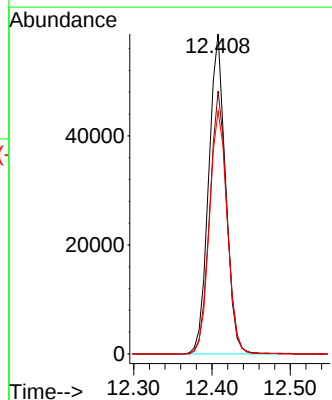
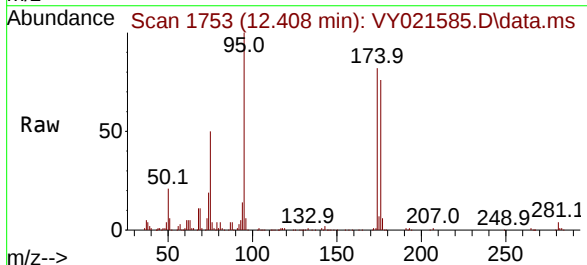
Instrument :
MSVOA_Y
ClientSampleId :
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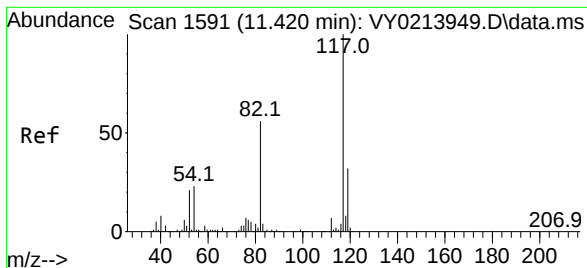
Tgt Ion: 98 Resp: 276928
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.283 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021585.D
Acq: 20 Mar 2025 16:21

Tgt Ion: 95 Resp: 87946
Ion Ratio Lower Upper
95 100
174 83.7 0.0 165.0
176 79.5 0.0 160.0

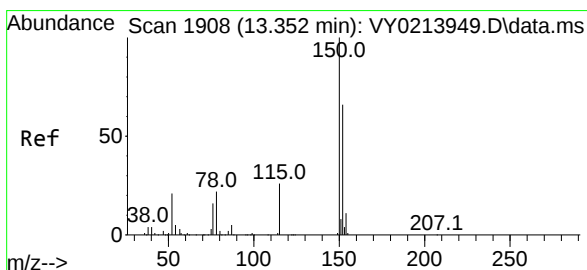
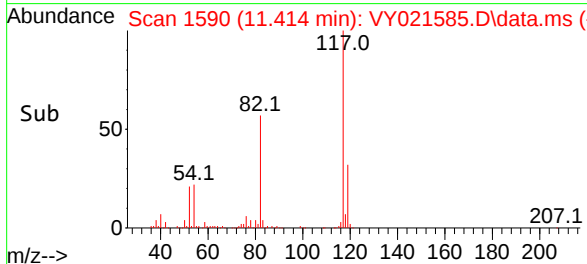
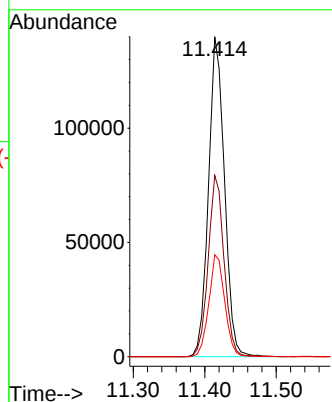
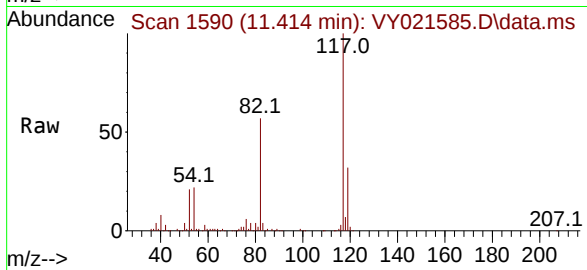




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY021585.D
Acq: 20 Mar 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 217179
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021585.D
Acq: 20 Mar 2025 16:21

Tgt Ion:152 Resp: 86531
Ion Ratio Lower Upper
152 100
115 56.7 29.0 87.0
150 156.5 0.0 347.2

