

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021583.D
 Acq On : 20 Mar 2025 15:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 21 01:34:14 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	140175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	263001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	249279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	89075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98984	66.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.620%
35) Dibromofluoromethane	7.634	113	94356	54.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.160%
50) Toluene-d8	10.109	98	326204	49.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.408	95	97806	43.927	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.860%

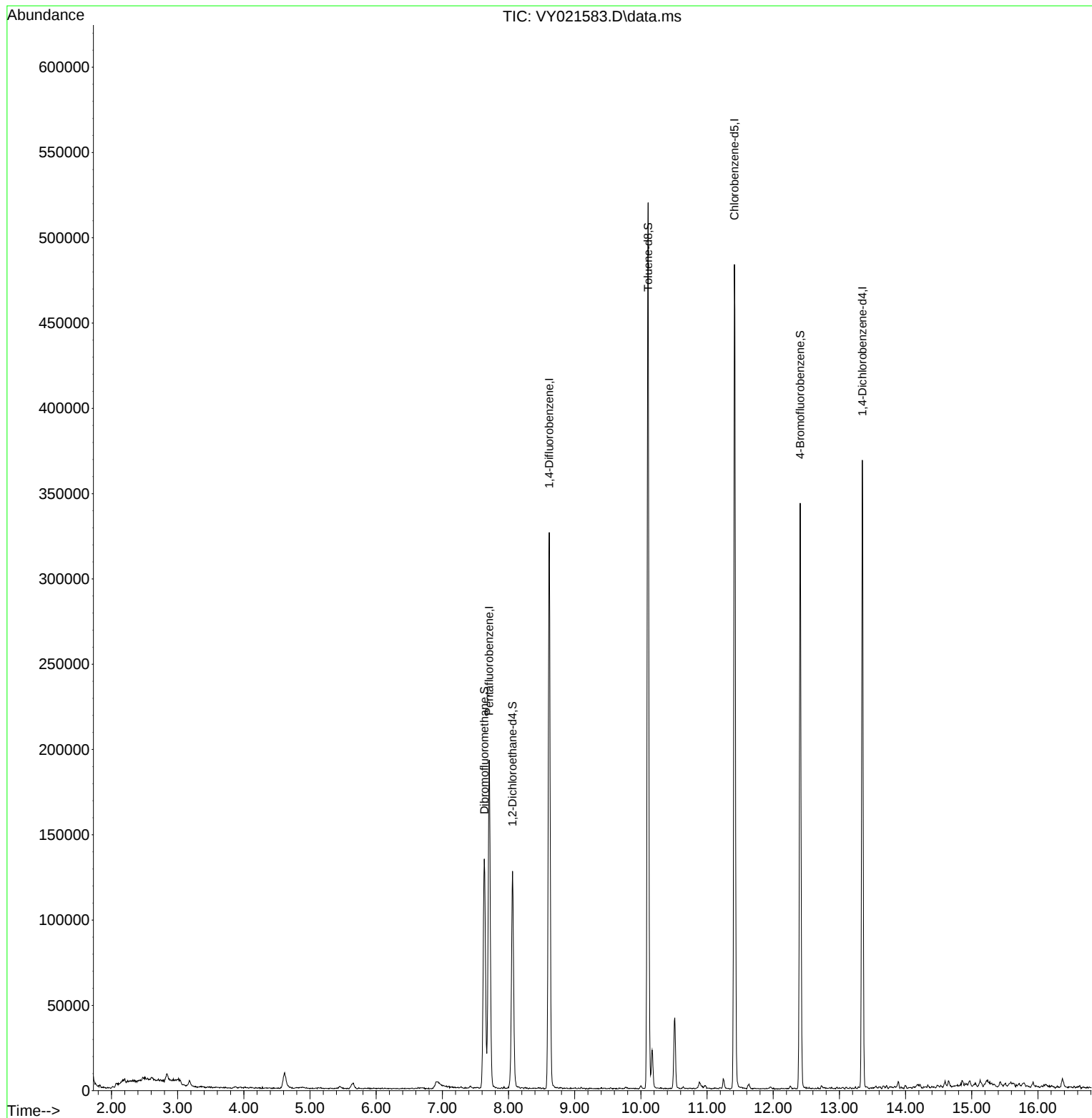
Target Compounds	Qvalue

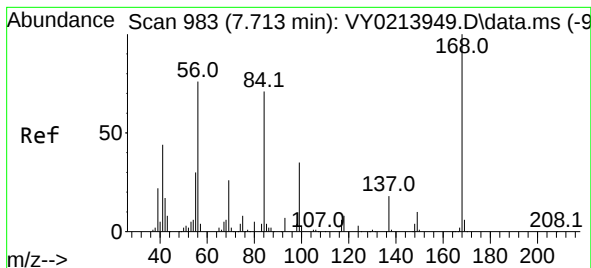
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021583.D

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Instrument :

MSVOA_Y

ClientSampleId :

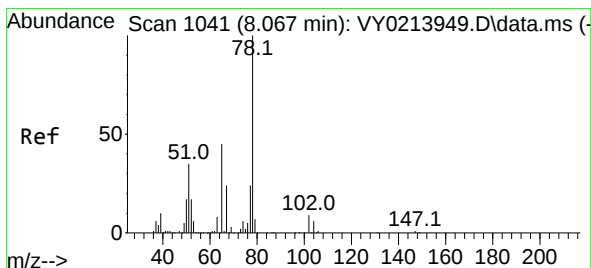
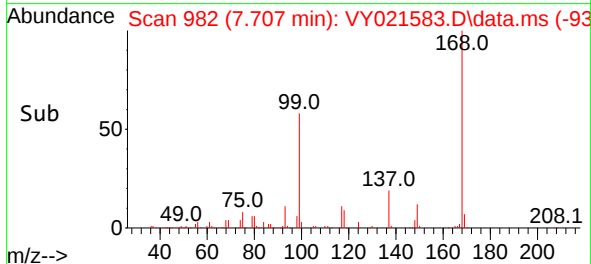
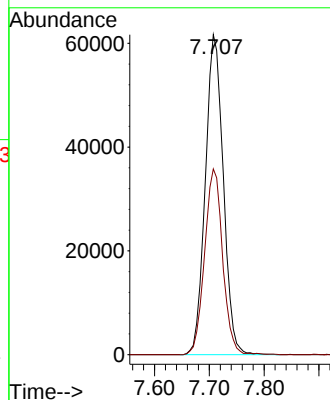
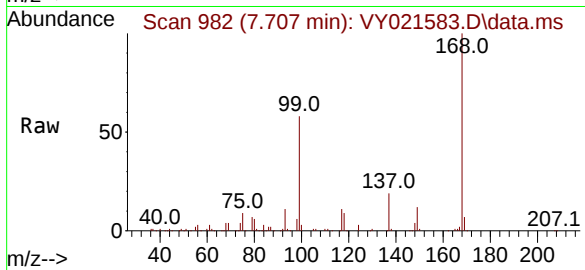
VIBLK

Tgt Ion:168 Resp: 140175

Ion Ratio Lower Upper

168 100

99 58.0 46.0 69.0



#33

1,2-Dichloroethane-d4

Concen: 66.810 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021583.D

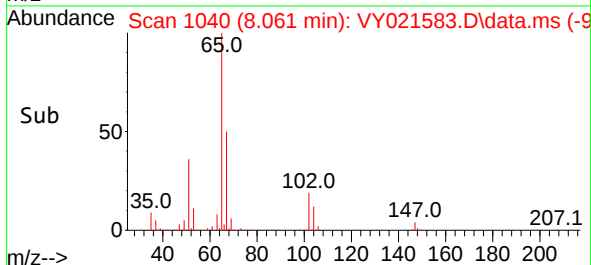
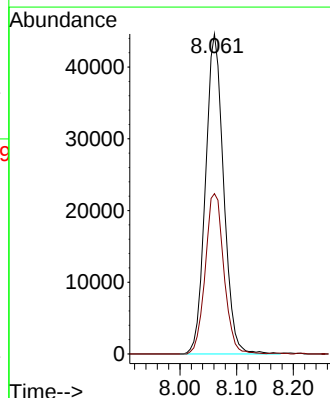
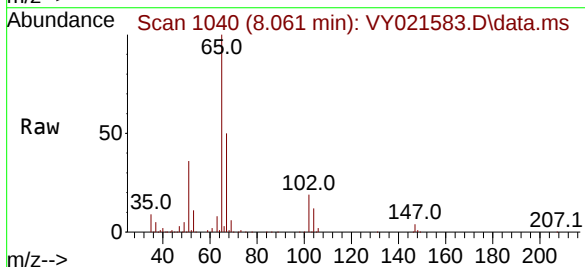
Acq: 20 Mar 2025 15:35

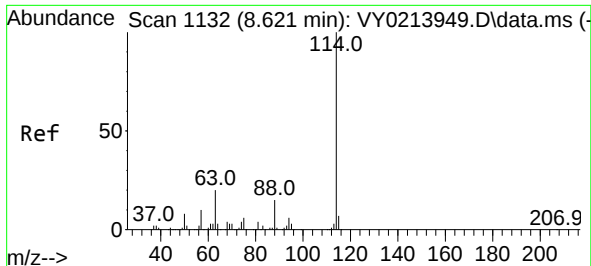
Tgt Ion: 65 Resp: 98984

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.8

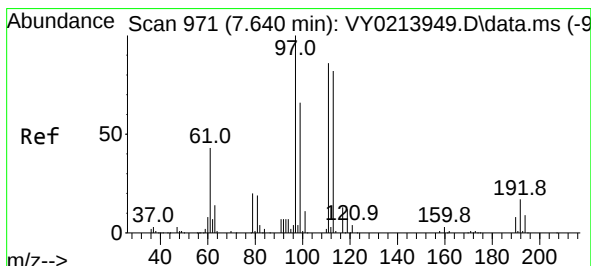
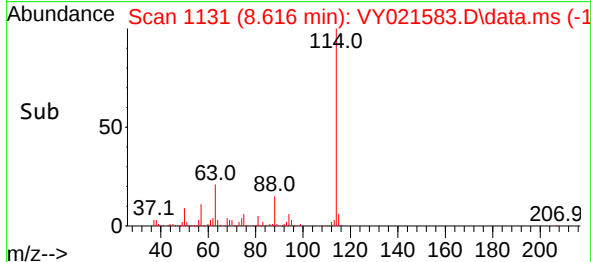
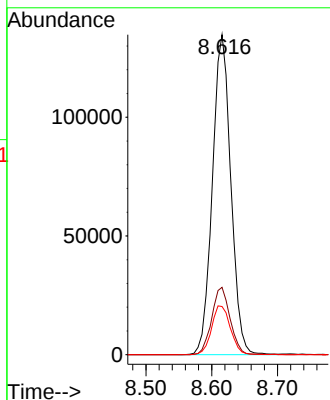
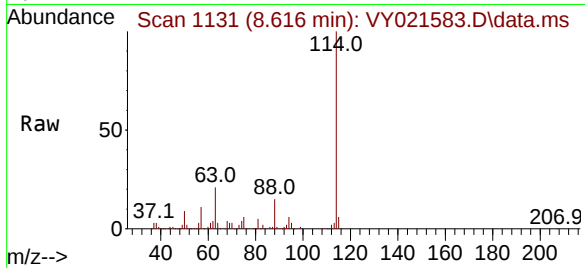




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021583.D
Acq: 20 Mar 2025 15:35

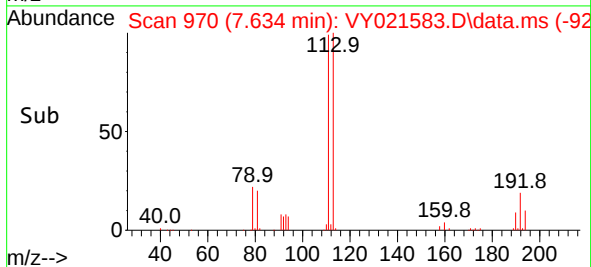
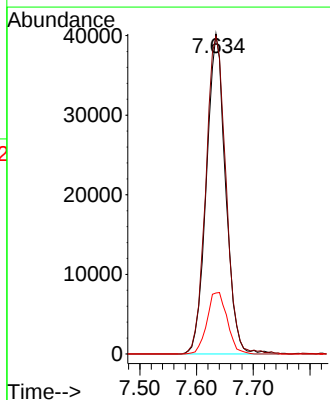
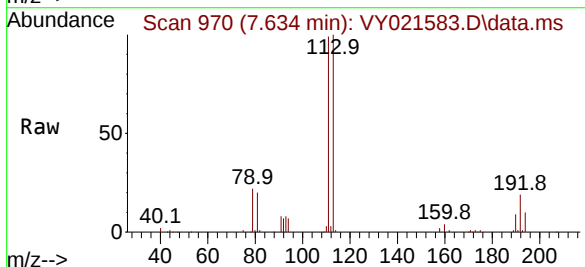
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

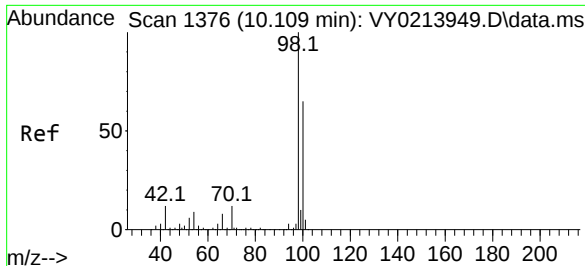
Tgt Ion:114	Resp:	263001
Ion Ratio	Lower	Upper
114	100	
63	21.1	0.0 40.8
88	15.1	0.0 30.8



#35
Dibromofluoromethane
Concen: 54.581 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021583.D
Acq: 20 Mar 2025 15:35

Tgt Ion:113	Resp:	94356
Ion Ratio	Lower	Upper
113	100	
111	104.1	82.0 123.0
192	20.3	15.9 23.9

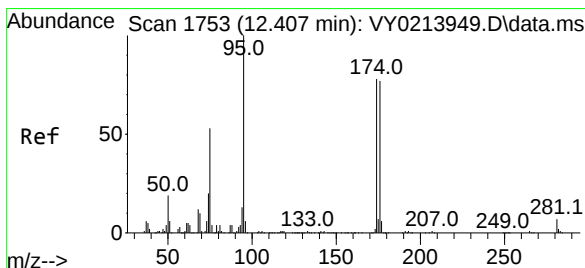
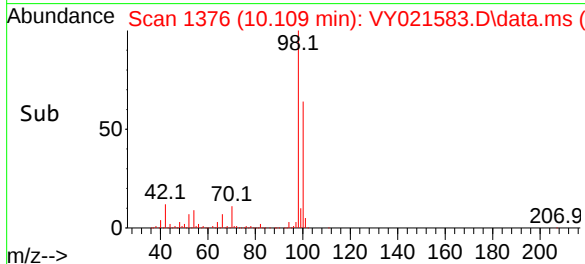
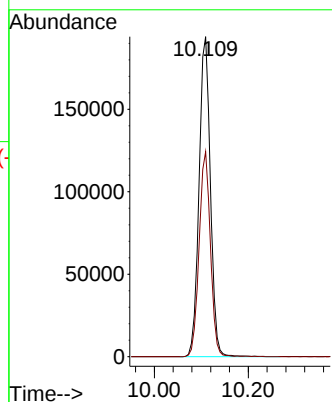
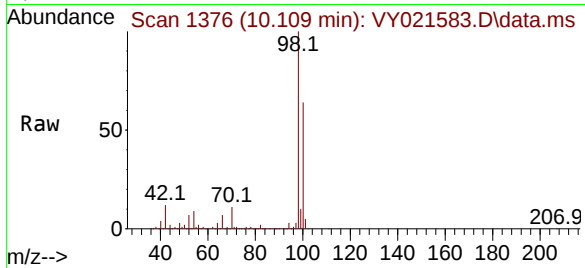




#50
Toluene-d8
Concen: 49.836 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021583.D
Acq: 20 Mar 2025 15:35

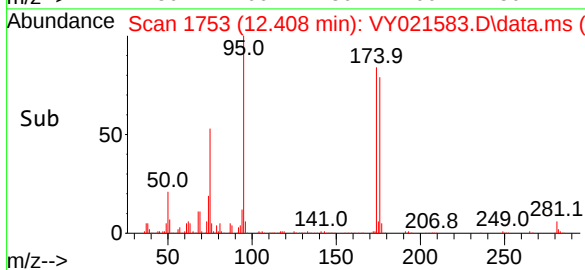
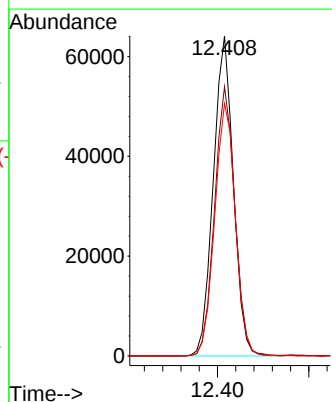
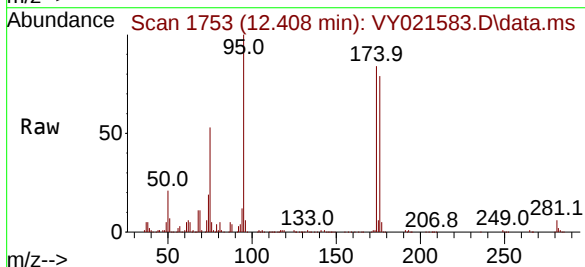
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

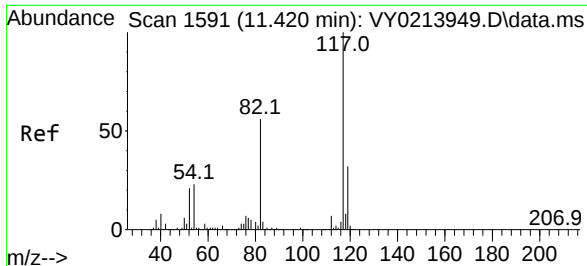
Tgt Ion: 98 Resp: 326204
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.927 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021583.D
Acq: 20 Mar 2025 15:35

Tgt Ion: 95 Resp: 97806
Ion Ratio Lower Upper
95 100
174 85.0 0.0 165.0
176 81.3 0.0 160.0

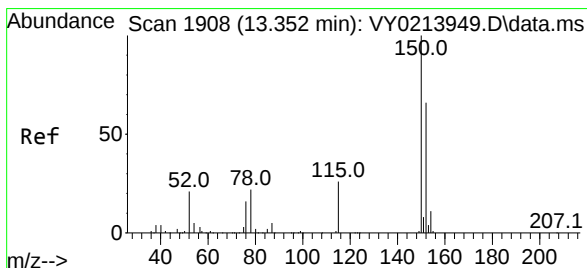
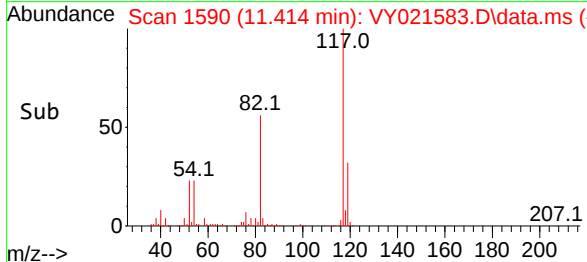
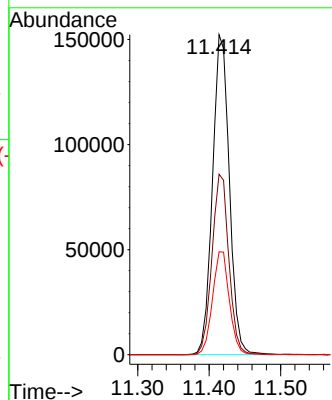
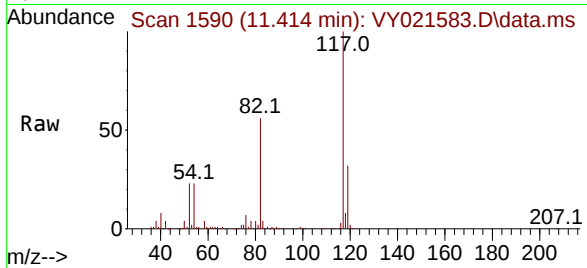




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021583.D
Acq: 20 Mar 2025 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 249279
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 32.2 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: VY021583.D
Acq: 20 Mar 2025 15:35

Tgt Ion:152 Resp: 89075
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 156.2 0.0 347.2

