

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
 Data File : VY021564.D
 Acq On : 19 Mar 2025 11:11
 Operator : SY/MD
 Sample : VY0319SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL01

Quant Time: Mar 20 01:29:18 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	262179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	482476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	423939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	167704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151297	54.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.200%
35) Dibromofluoromethane	7.634	113	159511	50.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.109	98	581939	48.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.408	95	173383	42.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.900%

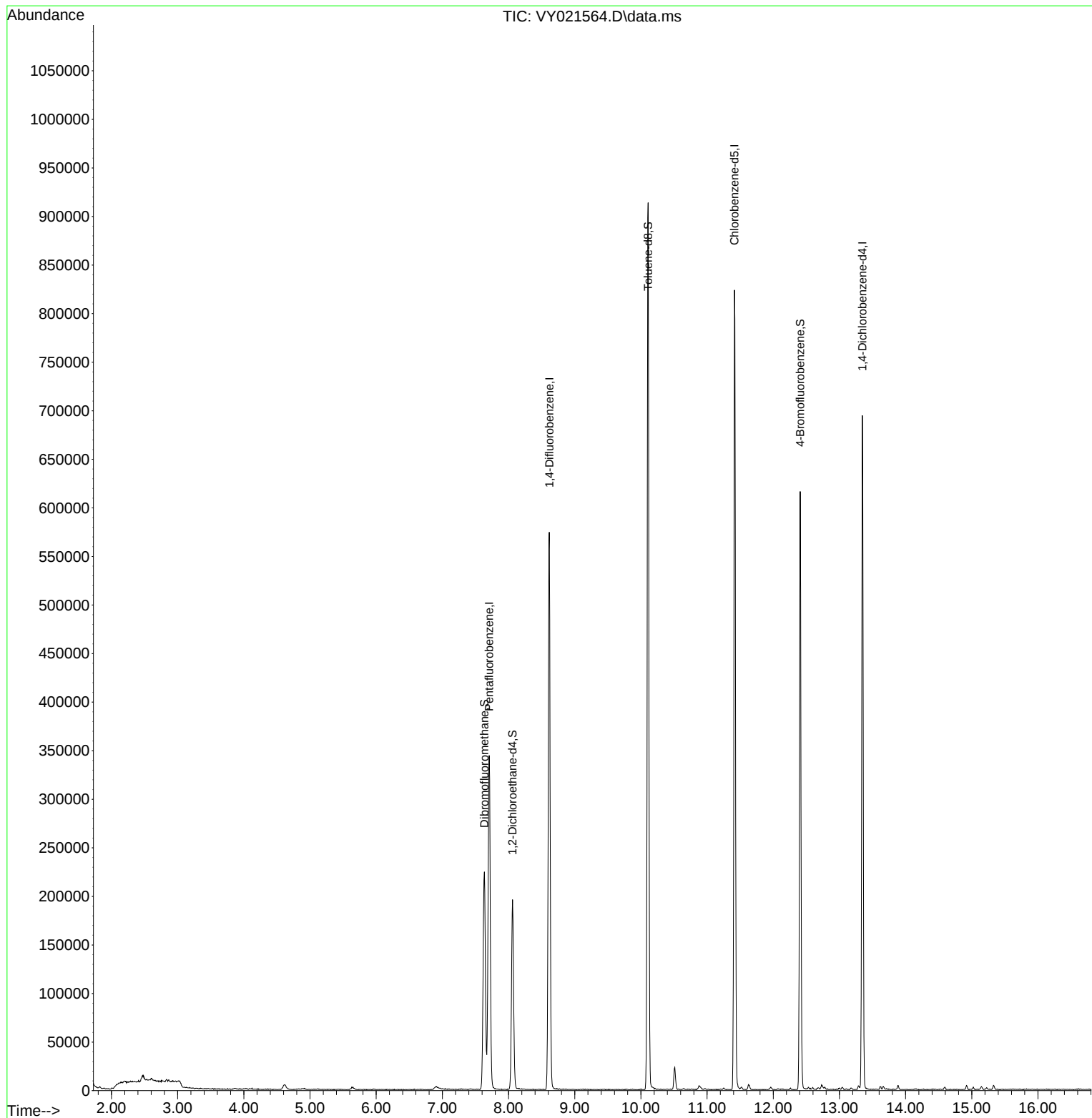
Target Compounds	Qvalue

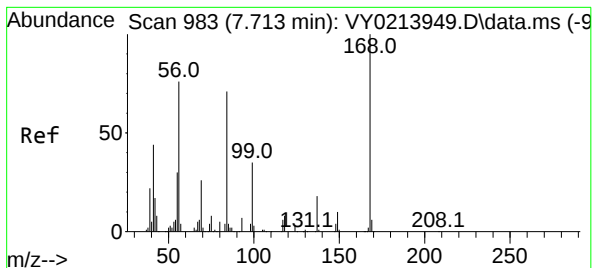
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY021564.D

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Instrument :

MSVOA_Y

ClientSampleId :

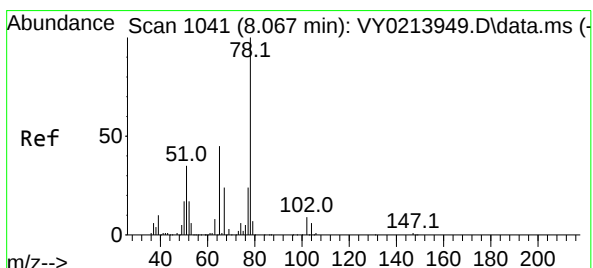
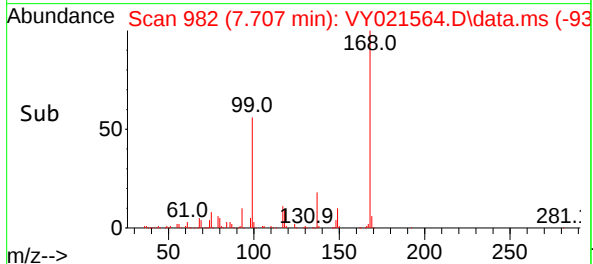
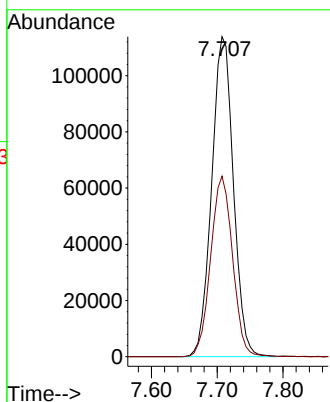
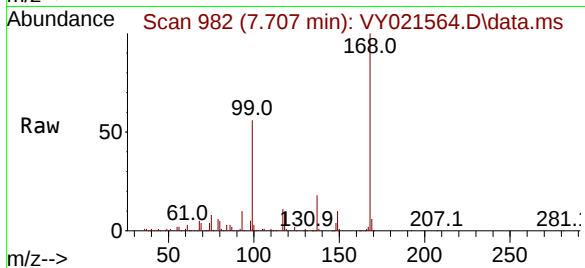
VY0319SBL01

Tgt Ion:168 Resp: 262179

Ion Ratio Lower Upper

168 100

99 56.4 46.0 69.0



#33

1,2-Dichloroethane-d4

Concen: 54.599 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021564.D

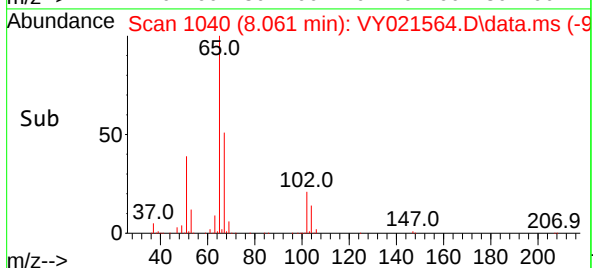
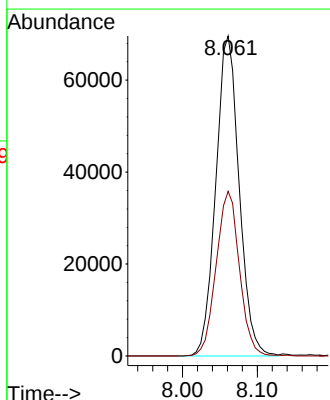
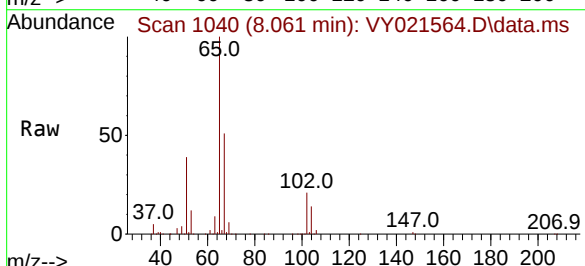
Acq: 19 Mar 2025 11:11

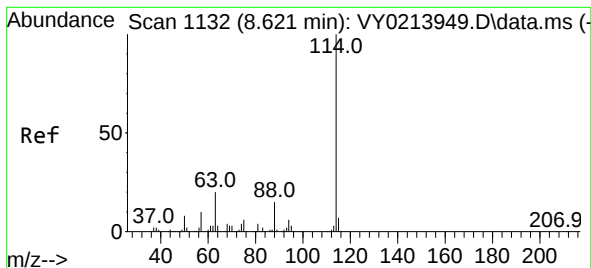
Tgt Ion: 65 Resp: 151297

Ion Ratio Lower Upper

65 100

67 51.3 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: VY021564.D

Acq: 19 Mar 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL01

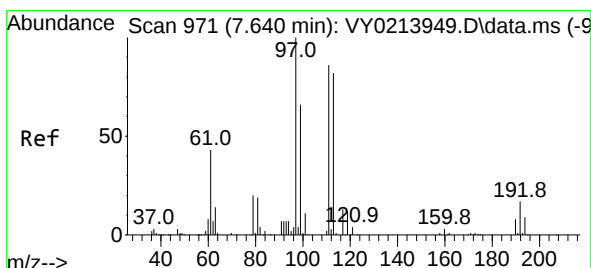
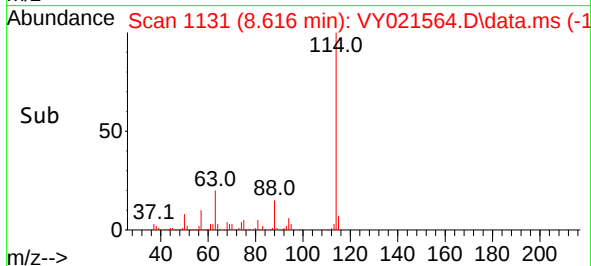
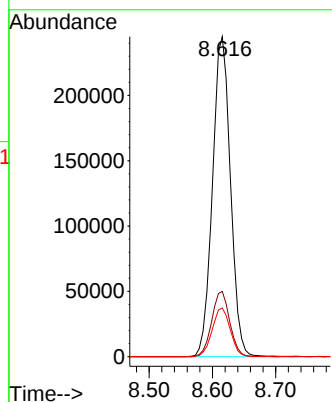
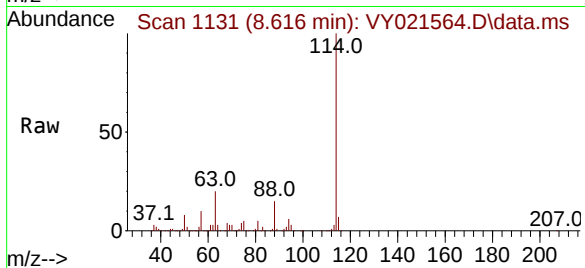
Tgt Ion:114 Resp: 482476

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.297 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021564.D

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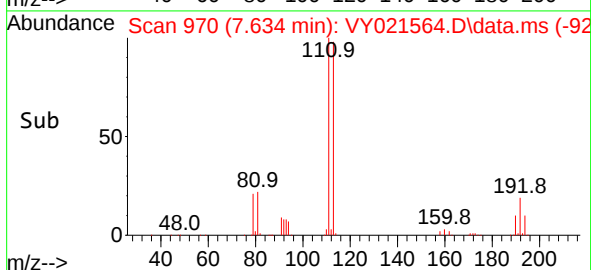
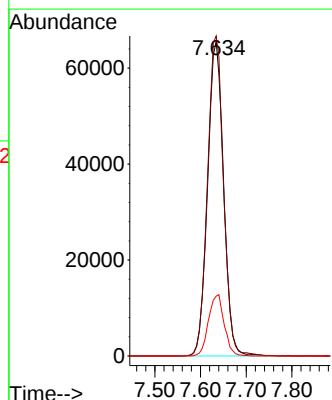
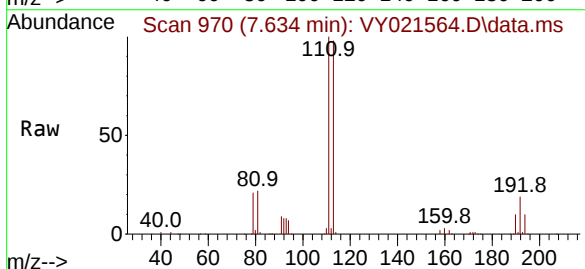
Tgt Ion:113 Resp: 159511

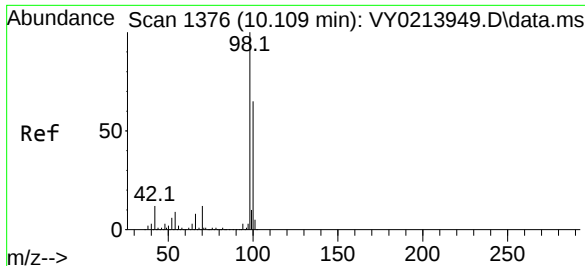
Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 19.1 15.9 23.9

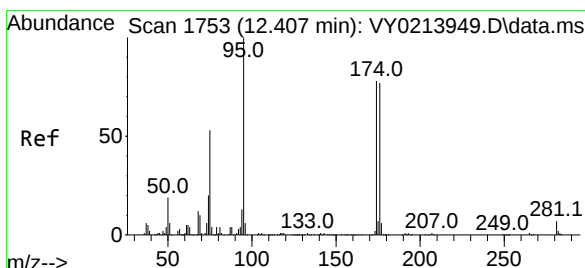
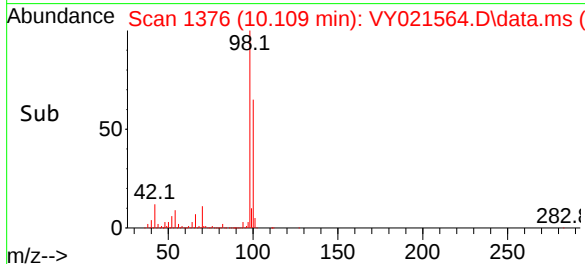
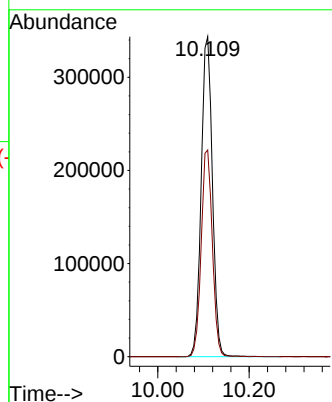
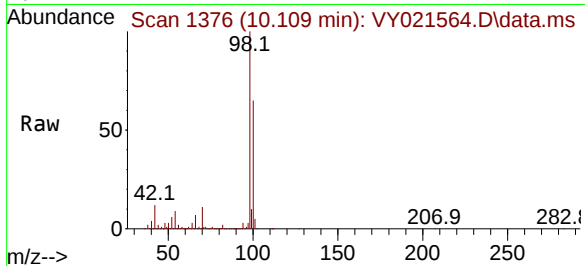




#50
Toluene-d8
Concen: 48.463 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021564.D
Acq: 19 Mar 2025 11:11

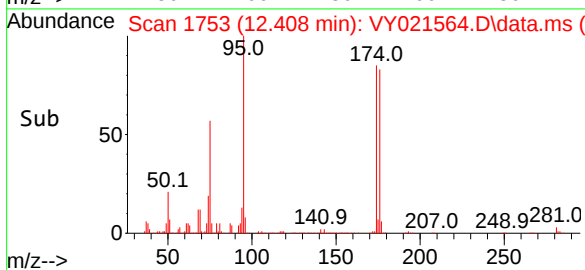
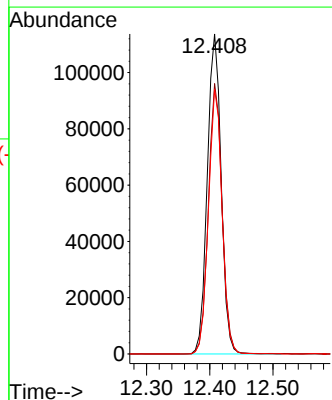
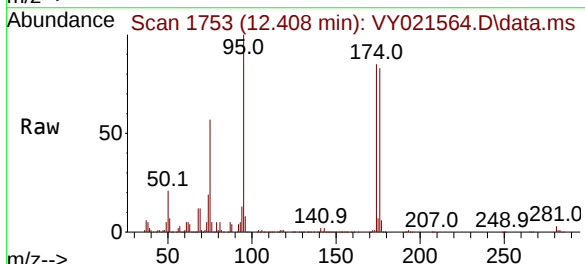
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

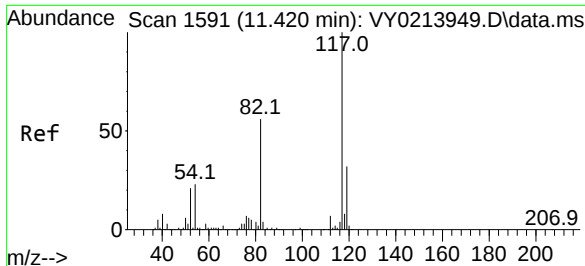
Tgt Ion: 98 Resp: 581939
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.448 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021564.D
Acq: 19 Mar 2025 11:11

Tgt Ion: 95 Resp: 173383
Ion Ratio Lower Upper
95 100
174 83.9 0.0 165.0
176 81.5 0.0 160.0

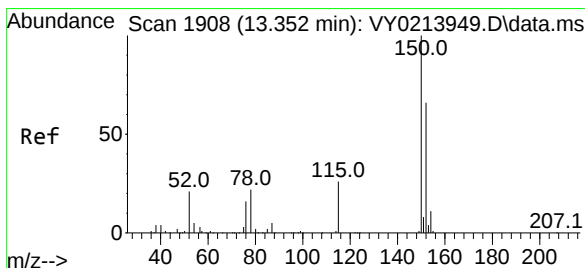
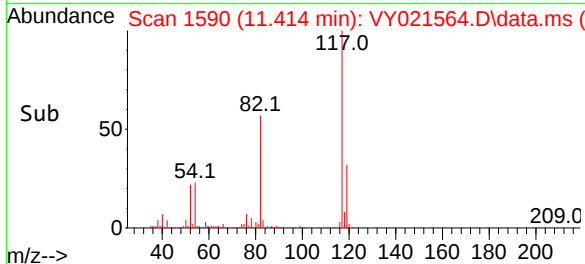
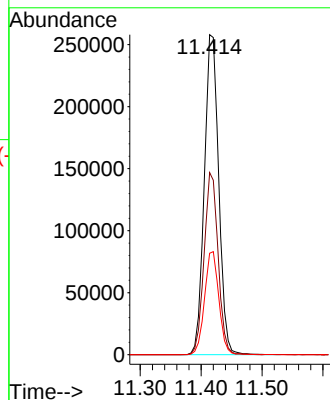
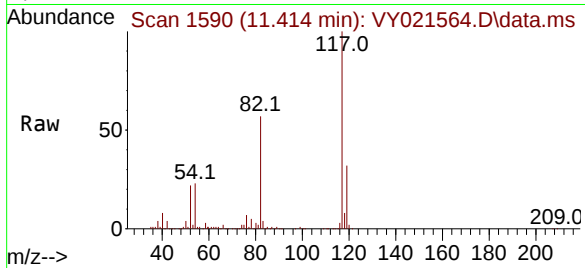




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021564.D
Acq: 19 Mar 2025 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

Tgt Ion:117 Resp: 423939
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 31.7 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: VY021564.D
Acq: 19 Mar 2025 11:11

Tgt Ion:152 Resp: 167704
Ion Ratio Lower Upper
152 100
115 57.5 29.0 87.0
150 157.3 0.0 347.2

