

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020937.D
 Acq On : 27 Jan 2025 09:51
 Operator : SY/MD
 Sample : VY0127SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBL01

Quant Time: Jan 28 01:09:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	237241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	406523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	343434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	130475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	119396	63.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.240%
35) Dibromofluoromethane	7.652	113	128709	55.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.115	98	467826	51.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.420	95	142244	47.215	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.440%

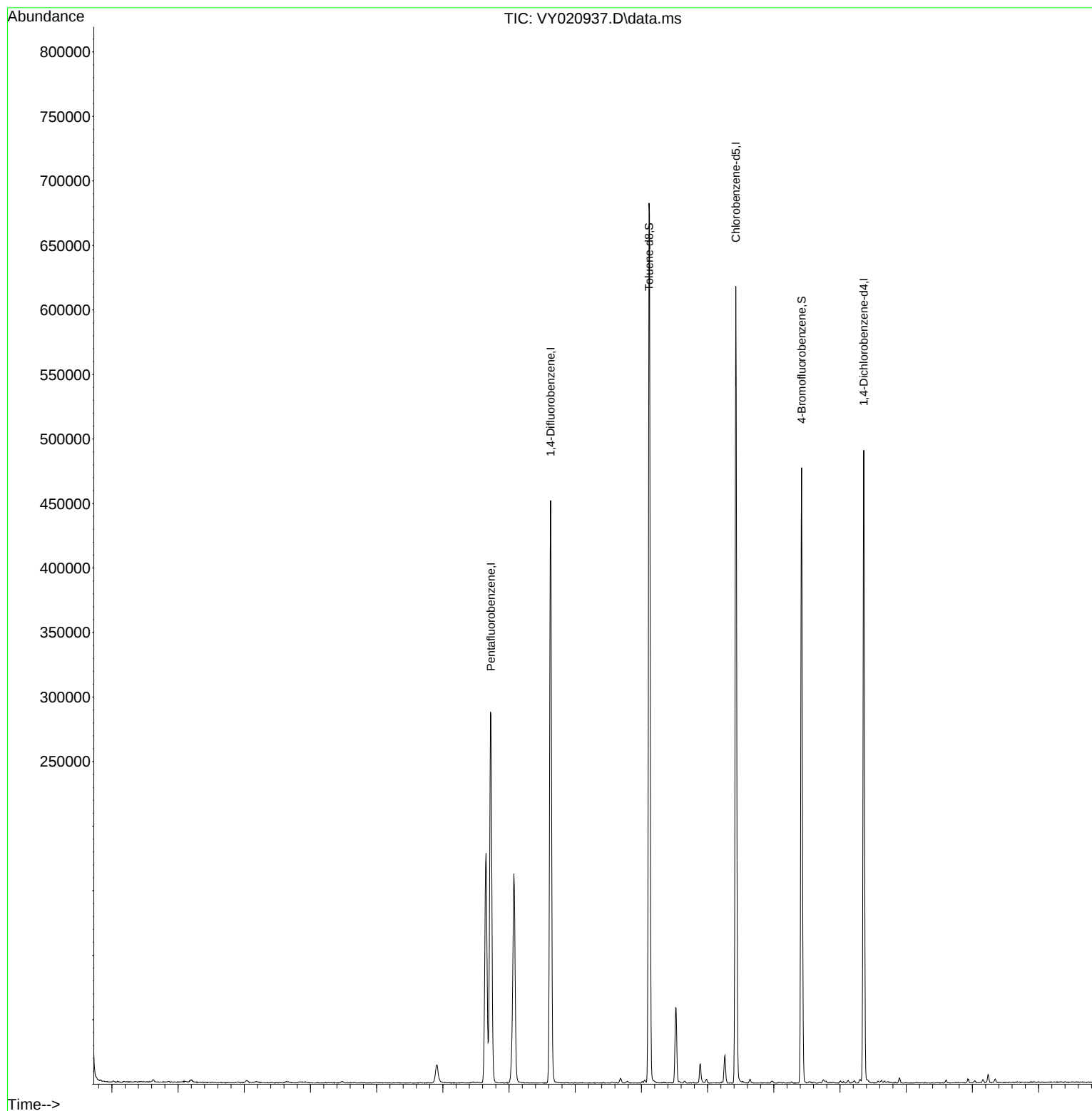
Target Compounds	Qvalue

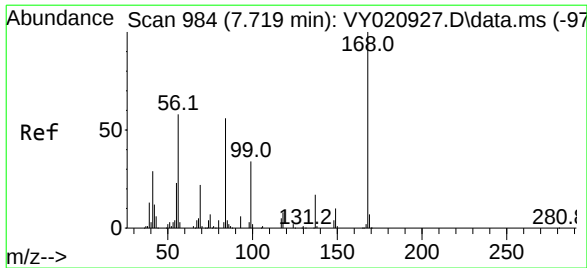
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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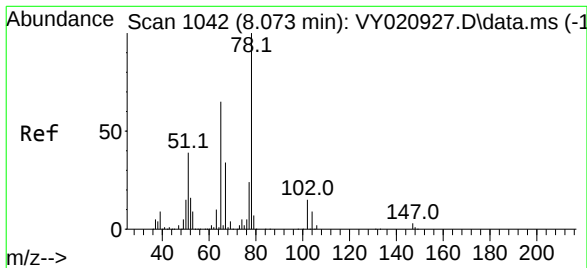
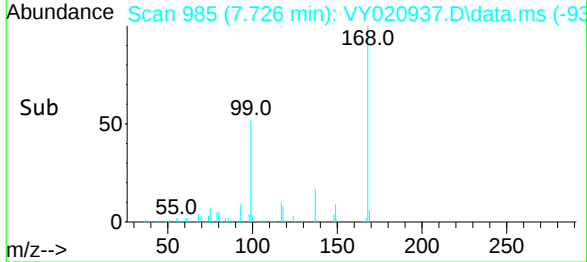
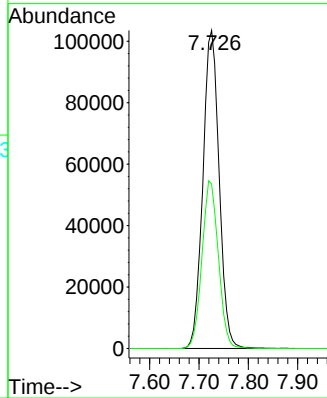
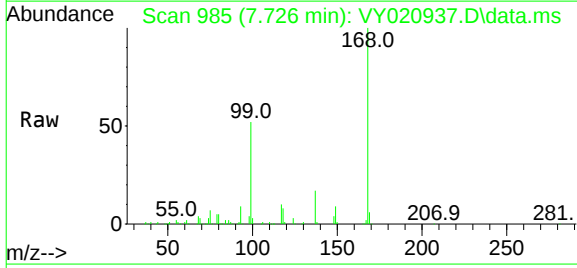




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 984
Delta R.T. 0.007 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

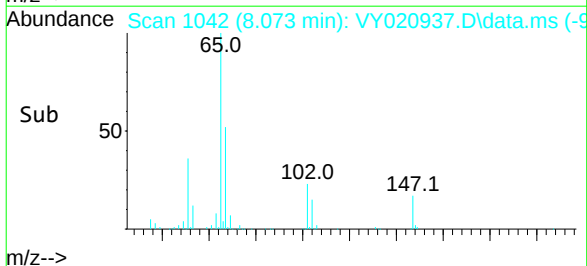
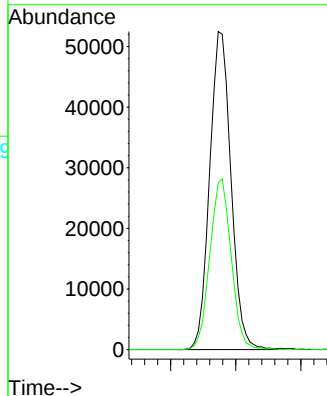
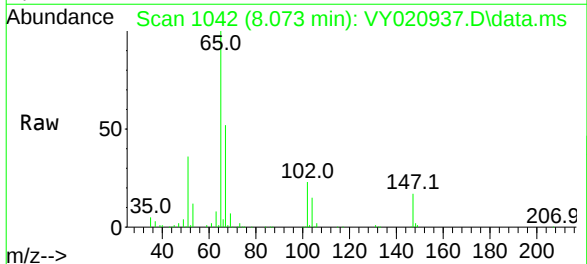
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBL01

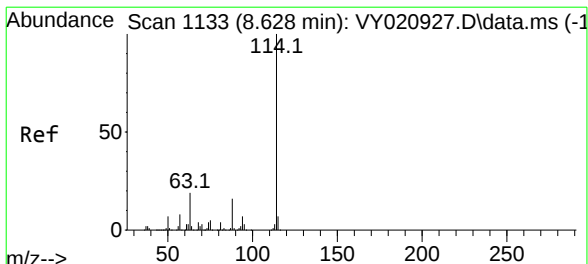
Tgt Ion:168 Resp: 237241
Ion Ratio Lower Upper
168 100
99 51.7 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 63.121 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020937.D
Acq: 27 Jan 2025 09:51

Tgt Ion: 65 Resp: 119396
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8

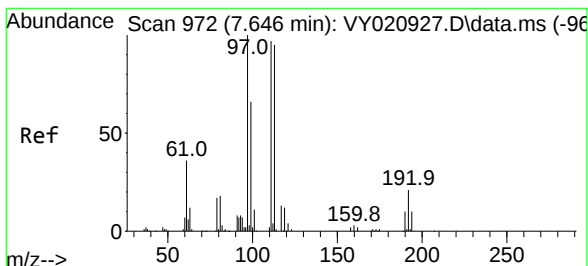
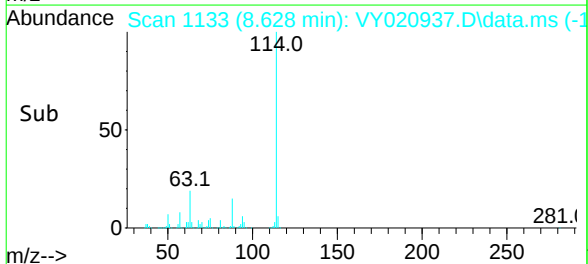
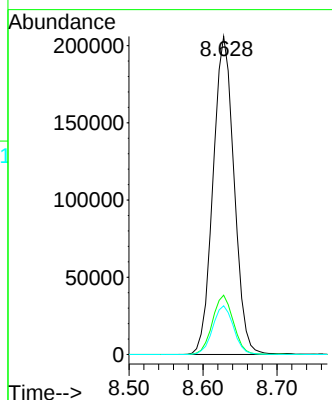
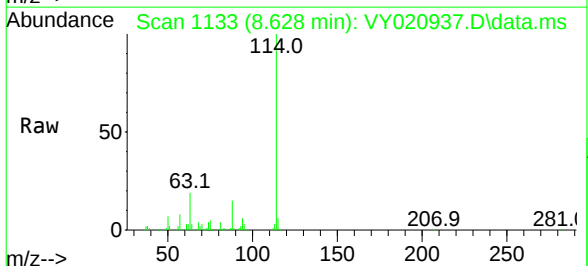




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VY020937.D
 Acq: 27 Jan 2025 09:51

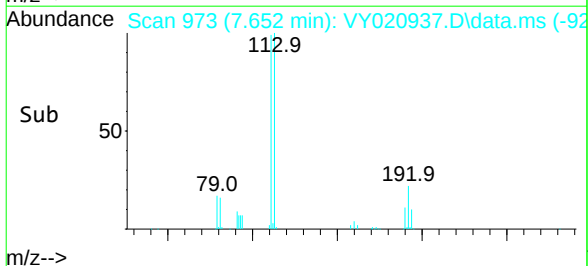
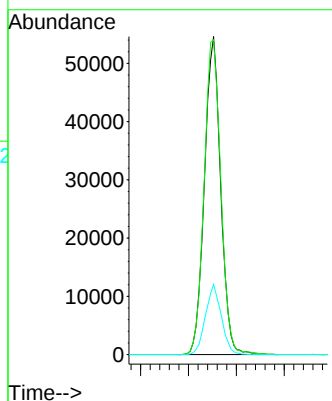
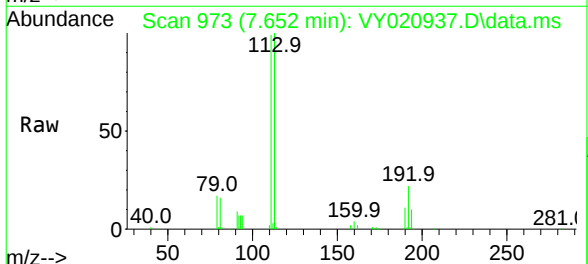
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBL01

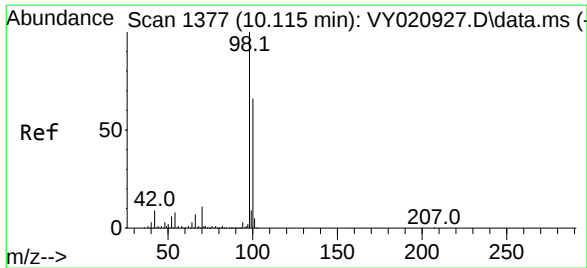
Tgt Ion:	114	Resp:	406523
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.4
88	15.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 55.150 ug/l
 RT: 7.652 min Scan# 973
 Delta R.T. 0.006 min
 Lab File: VY020937.D
 Acq: 27 Jan 2025 09:51

Tgt Ion:	113	Resp:	128709
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	21.6	17.4	26.2





#50

Toluene-d8

Concen: 51.680 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020937.D

Acq: 27 Jan 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

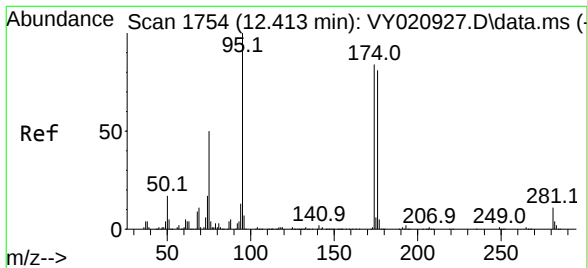
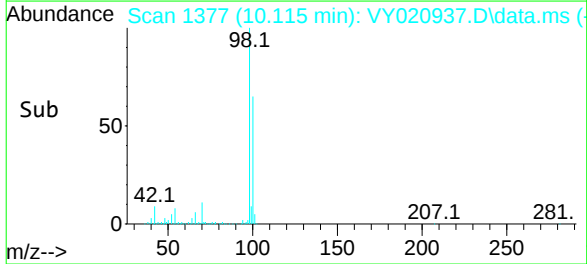
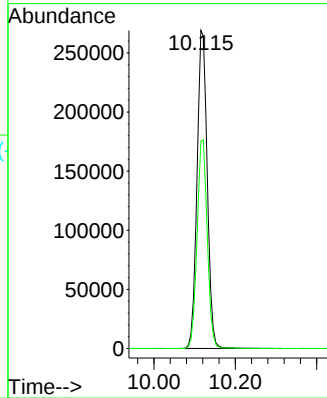
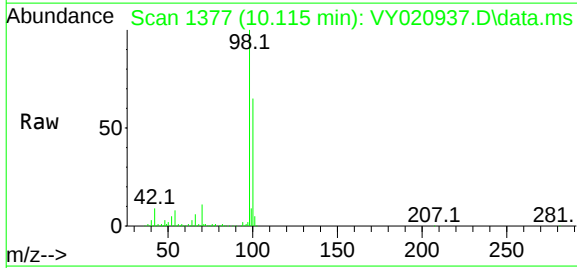
VY0127SBL01

Tgt Ion: 98 Resp: 467826

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.215 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.006 min

Lab File: VY020937.D

Acq: 27 Jan 2025 09:51

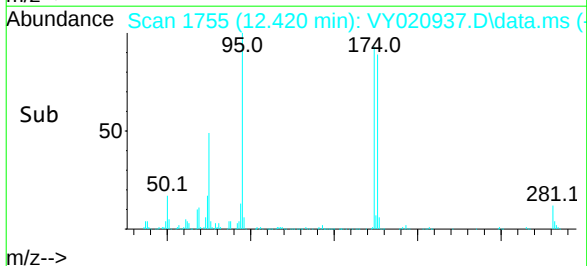
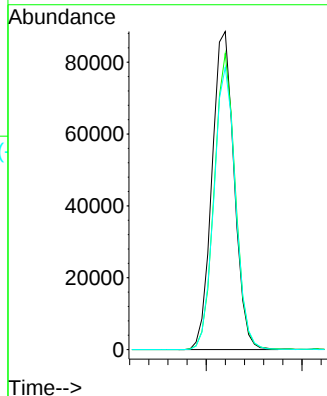
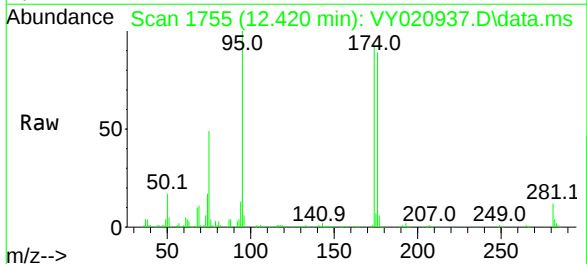
Tgt Ion: 95 Resp: 142244

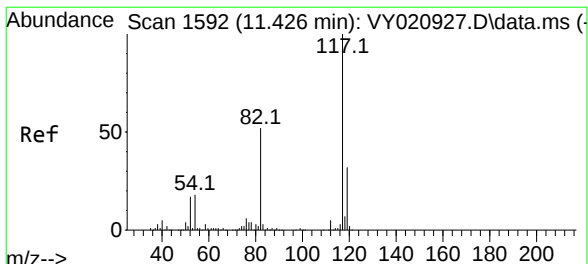
Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.4

176 86.8 0.0 172.2

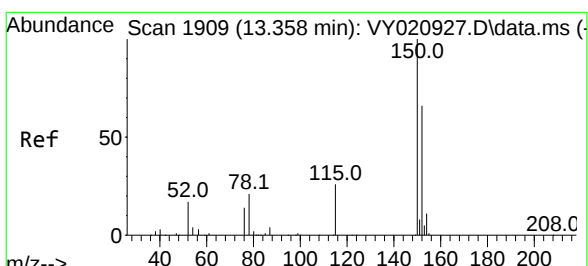
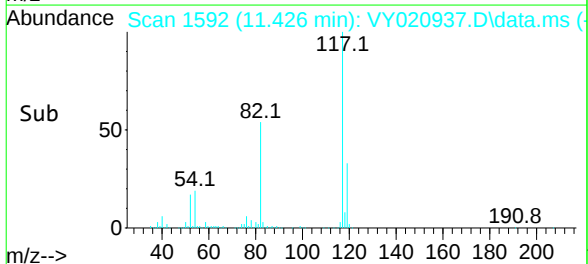
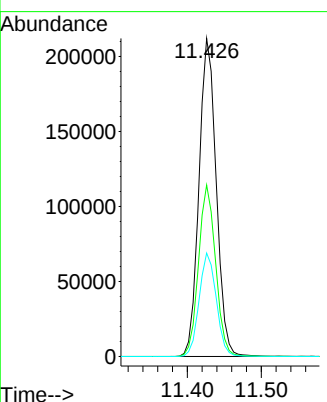
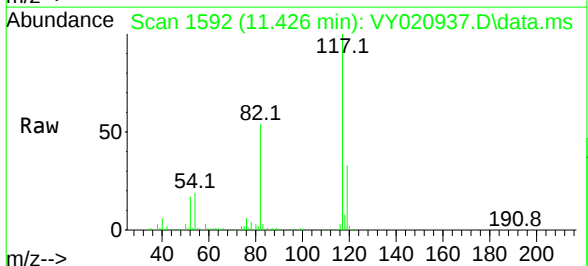




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.426 min Scan# 1592
 Delta R.T. 0.000 min
 Lab File: VY020937.D
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Instrument :
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 ClientSampleId :
 VY0127SBL01

Tgt Ion:	117	Resp:	343434
Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.8	62.8
119	32.5	26.0	39.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: VY020937.D
 Acq: 27 Jan 2025 09:51

Tgt Ion:	152	Resp:	130475
Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.0	87.0
150	159.8	0.0	347.6

