

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021470.D
 Acq On : 07 Mar 2025 18:46
 Operator : SY/MD
 Sample : Q1494-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-COMP

Quant Time: Mar 07 22:03:57 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	8858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	12818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	5738	61.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.580%
35) Dibromofluoromethane	7.634	113	3979	47.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.109	98	14068	44.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.200%
62) 4-Bromofluorobenzene	12.402	95	2305	21.241	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.480%

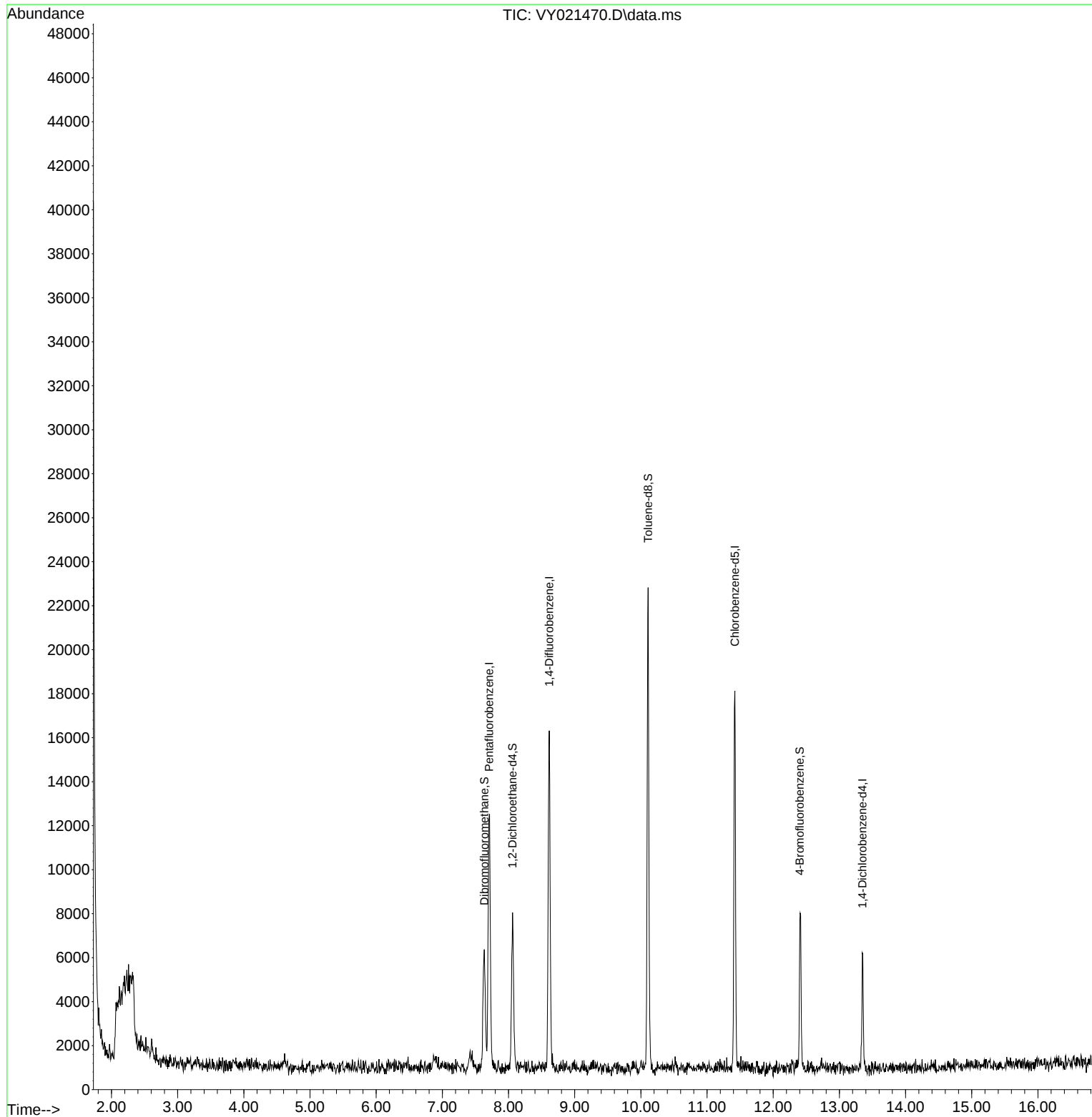
Target Compounds	Qvalue

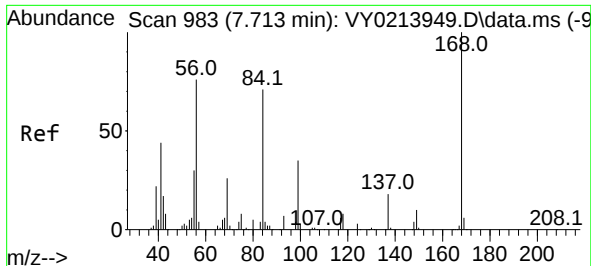
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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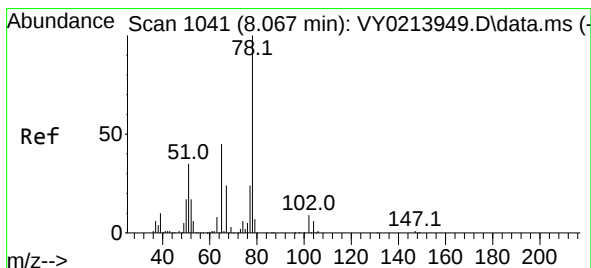
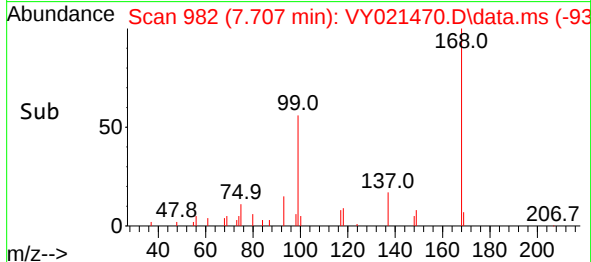
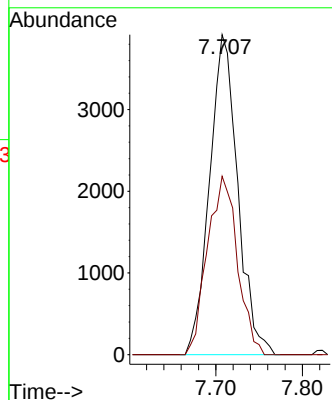
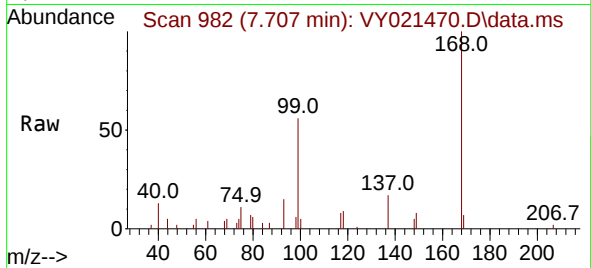




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021470.D
Acq: 07 Mar 2025 18:46

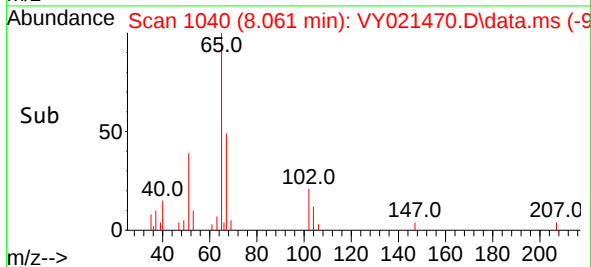
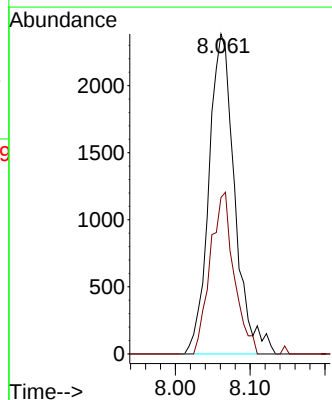
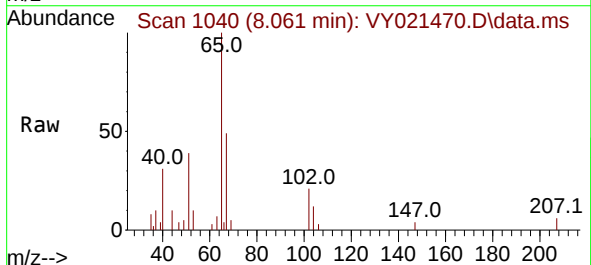
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

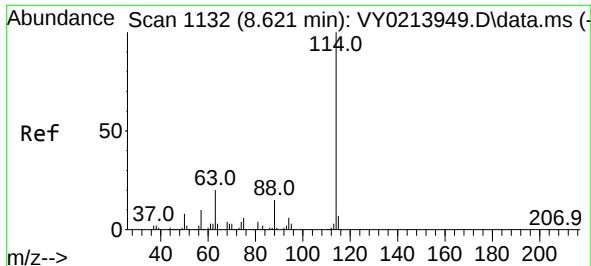
Tgt Ion:168 Resp: 8858
Ion Ratio Lower Upper
168 100
99 55.7 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 61.288 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021470.D
Acq: 07 Mar 2025 18:46

Tgt Ion: 65 Resp: 5738
Ion Ratio Lower Upper
65 100
67 46.5 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: VY021470.D

Acq: 07 Mar 2025 18:46

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-COMP

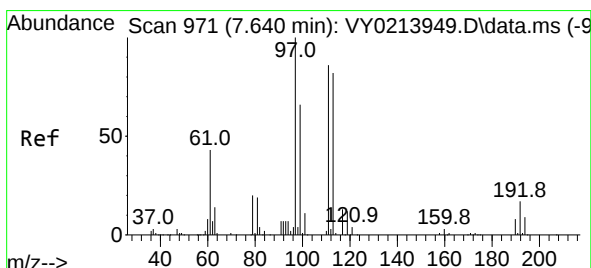
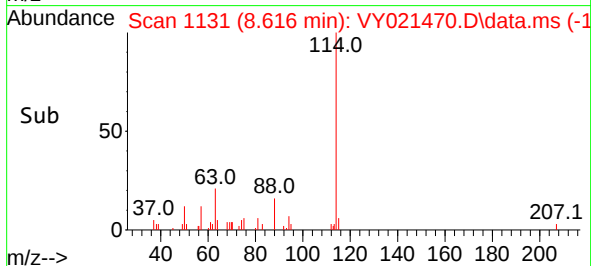
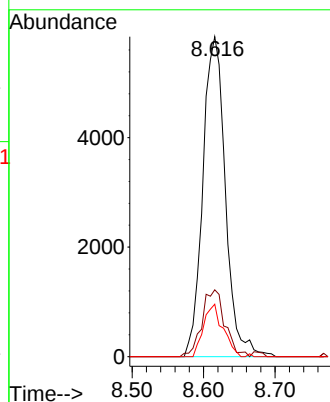
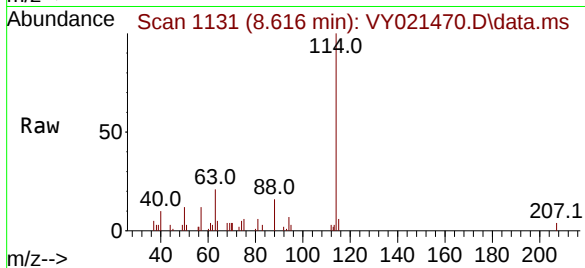
Tgt Ion:114 Resp: 12818

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 47.226 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021470.D

Acq: 07 Mar 2025 18:46

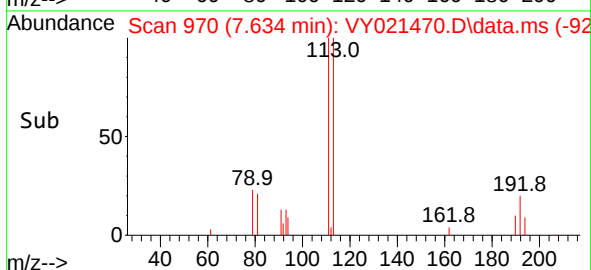
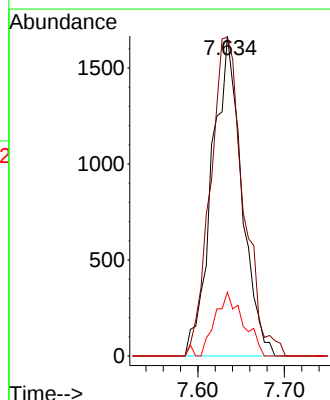
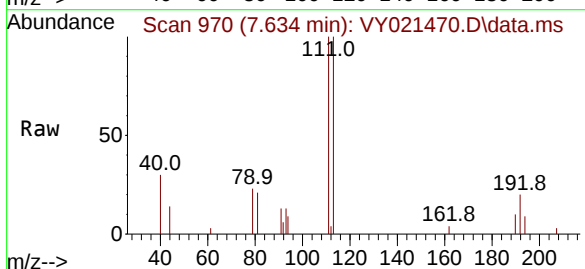
Tgt Ion:113 Resp: 3979

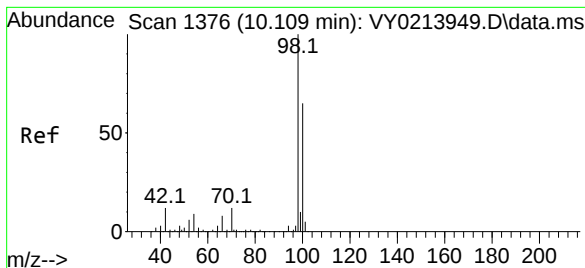
Ion Ratio Lower Upper

113 100

111 110.3 82.0 123.0

192 18.7 15.9 23.9

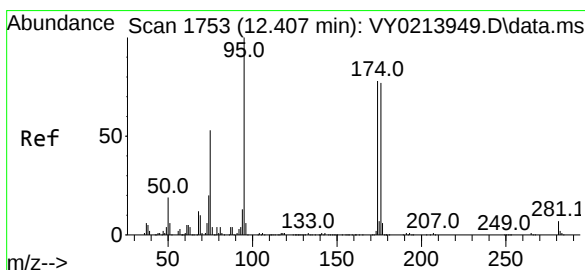
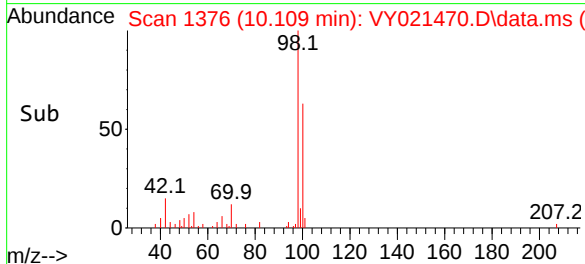
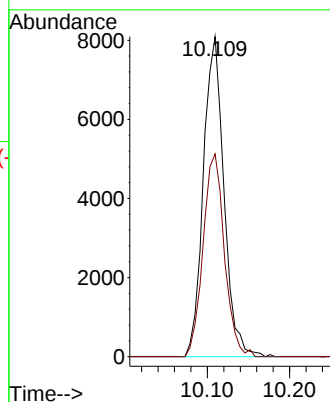
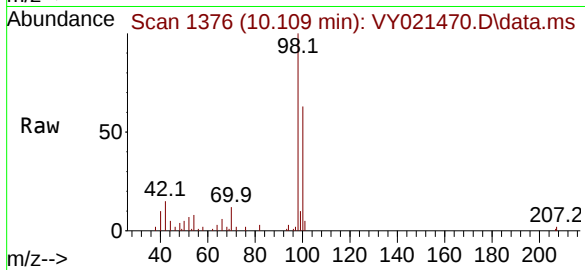




#50
Toluene-d8
Concen: 44.098 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021470.D
Acq: 07 Mar 2025 18:46

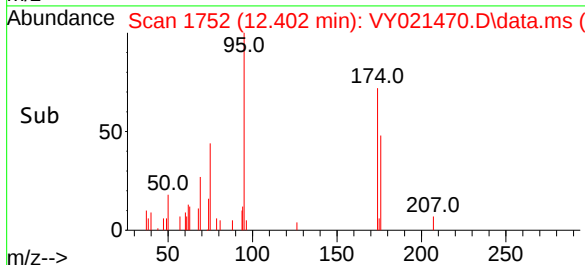
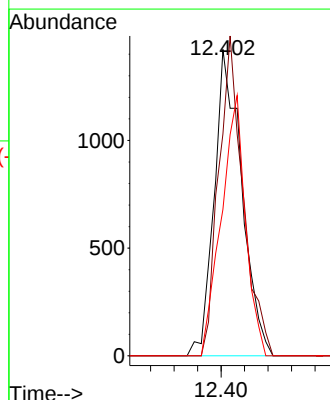
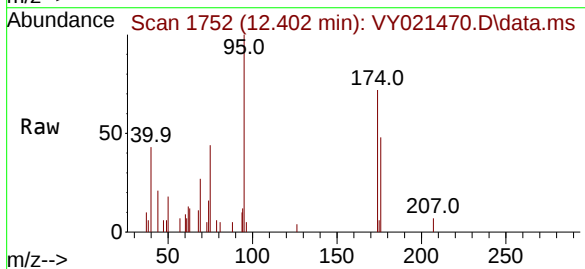
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

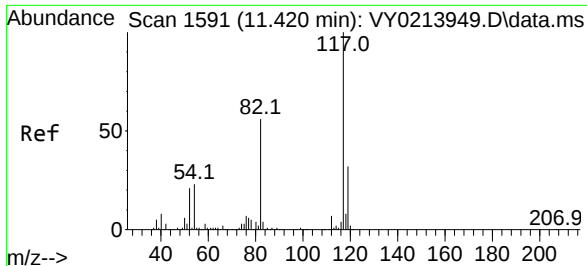
Tgt Ion: 98 Resp: 14068
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 21.241 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021470.D
Acq: 07 Mar 2025 18:46

Tgt Ion: 95 Resp: 2305
Ion Ratio Lower Upper
95 100
174 92.5 0.0 165.0
176 75.0 0.0 160.0

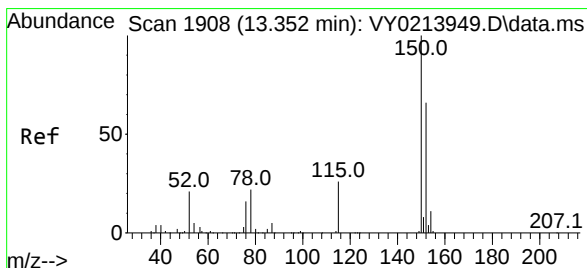
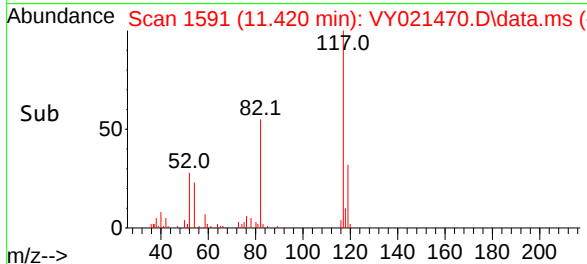
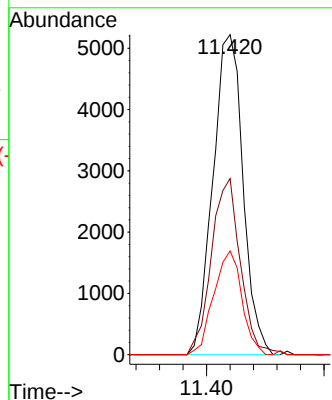
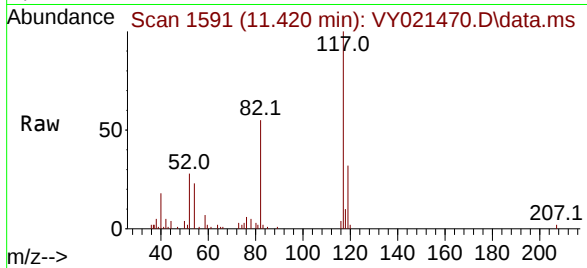




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021470.D
Acq: 07 Mar 2025 18:46

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

Tgt Ion:	117	Resp:	9279
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	67.0
119	32.4	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: VY021470.D
Acq: 07 Mar 2025 18:46

Tgt Ion:	152	Resp:	1360
Ion	Ratio	Lower	Upper
152	100		
115	61.8	29.0	87.0
150	163.2	0.0	347.2

