

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021904.D
 Acq On : 17 Apr 2025 12:31
 Operator : SY/MD
 Sample : Q1826-01
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE

Quant Time: Apr 18 03:56:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	245782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	446629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	368085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	130520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	119074	44.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.420%
35) Dibromofluoromethane	7.640	113	142651	49.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.480%
50) Toluene-d8	10.109	98	523923	47.535	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.408	95	140473	37.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.360%

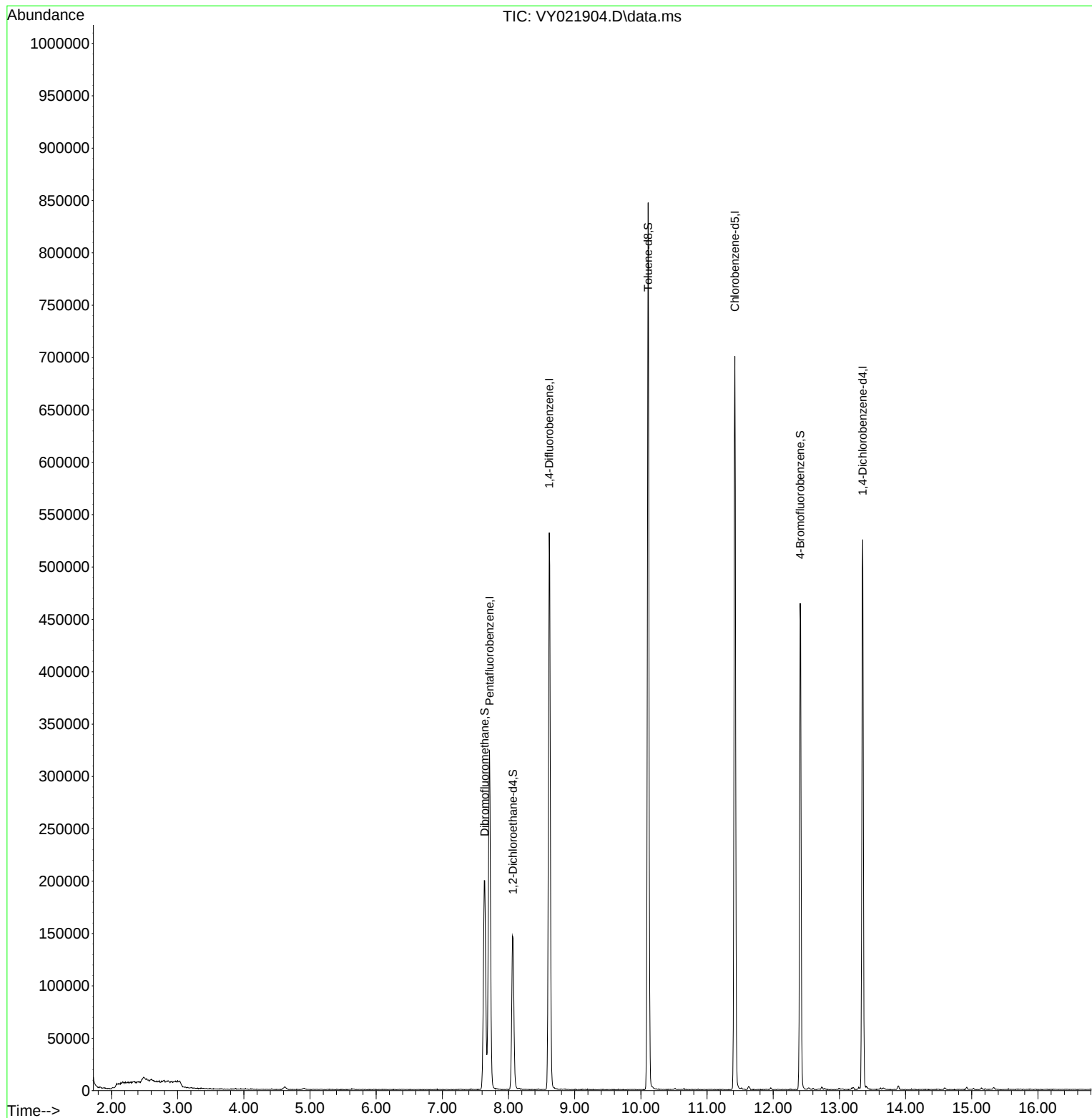
Target Compounds	Qvalue

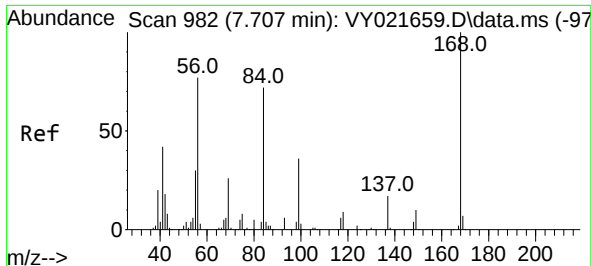
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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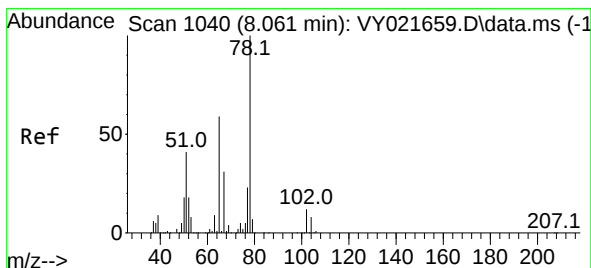
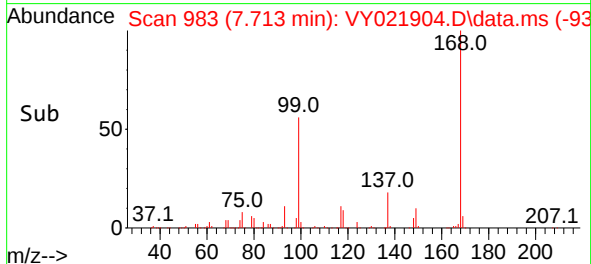
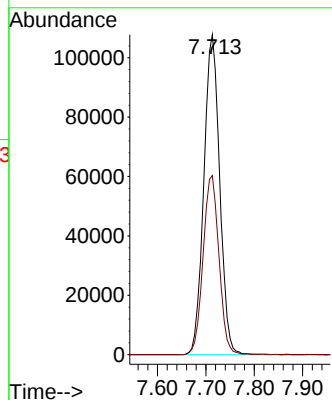
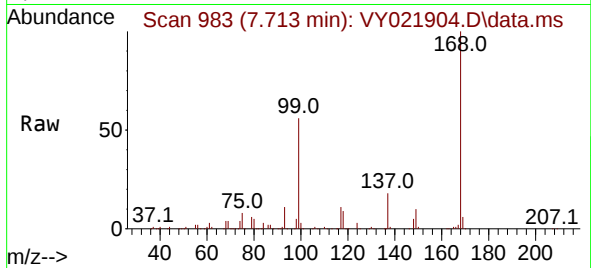




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021904.D
Acq: 17 Apr 2025 12:31

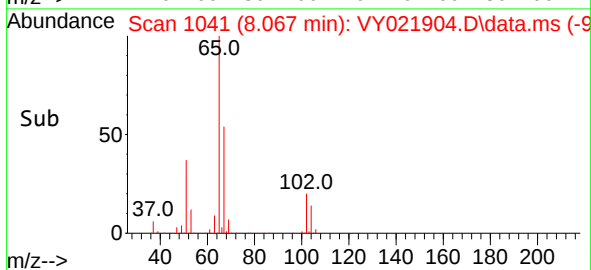
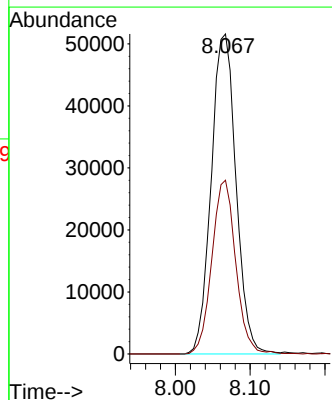
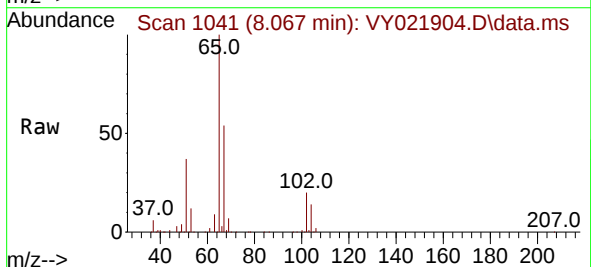
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

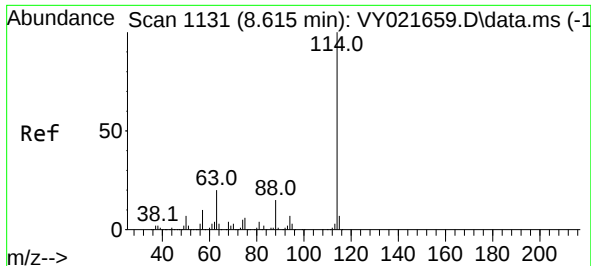
Tgt Ion:168 Resp: 245782
Ion Ratio Lower Upper
168 100
99 56.0 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 44.715 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY021904.D
Acq: 17 Apr 2025 12:31

Tgt Ion: 65 Resp: 119074
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021904.D

Acq: 17 Apr 2025 12:31

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE

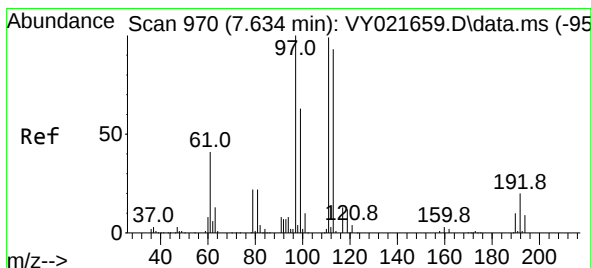
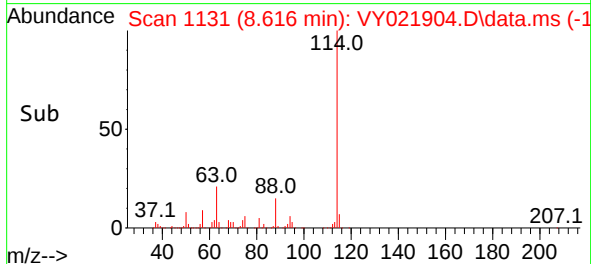
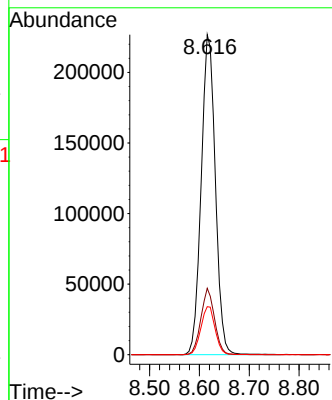
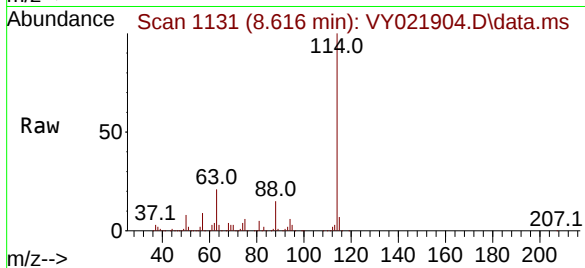
Tgt Ion:114 Resp: 446629

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.0 0.0 29.8



#35

Dibromofluoromethane

Concen: 49.237 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY021904.D

Acq: 17 Apr 2025 12:31

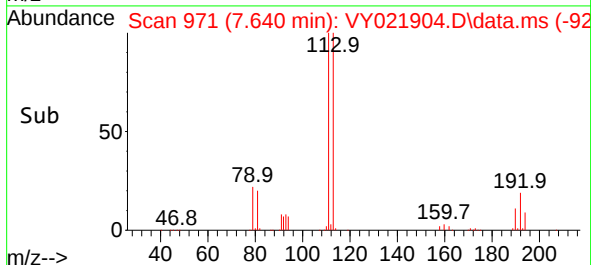
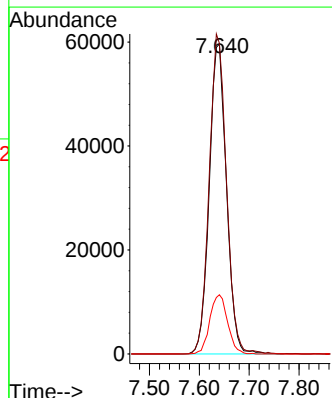
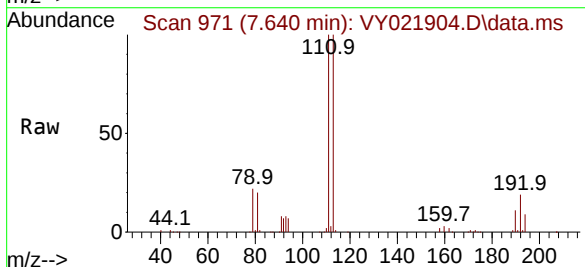
Tgt Ion:113 Resp: 142651

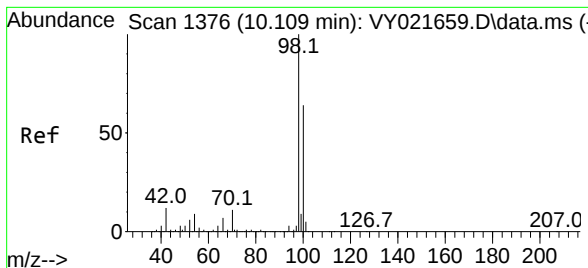
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 19.8 16.2 24.4

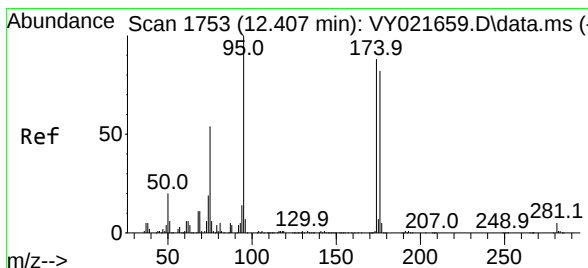
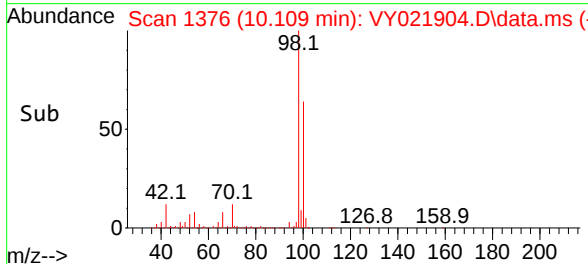
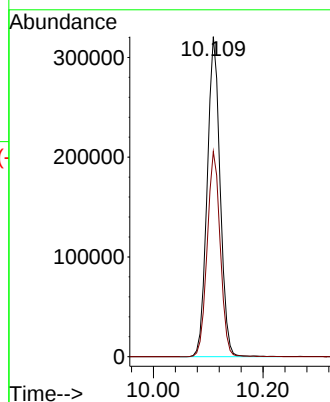
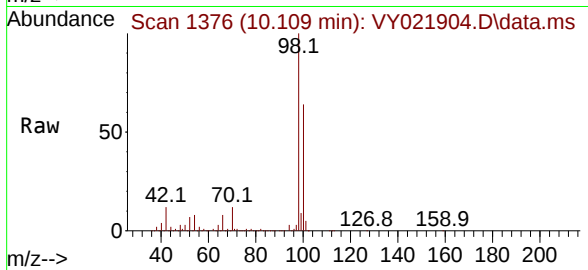




#50
Toluene-d8
Concen: 47.535 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021904.D
Acq: 17 Apr 2025 12:31

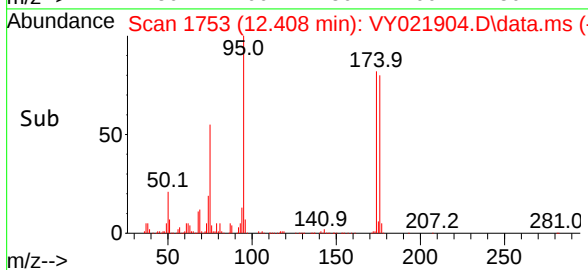
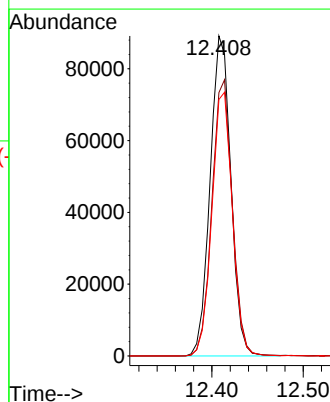
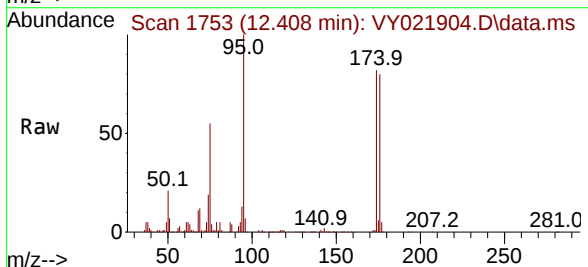
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

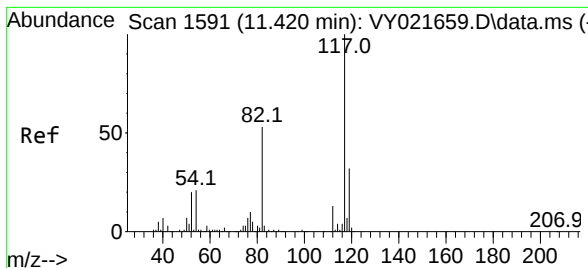
Tgt Ion: 98 Resp: 523923
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.679 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021904.D
Acq: 17 Apr 2025 12:31

Tgt Ion: 95 Resp: 140473
Ion Ratio Lower Upper
95 100
174 85.2 0.0 170.8
176 81.5 0.0 162.0

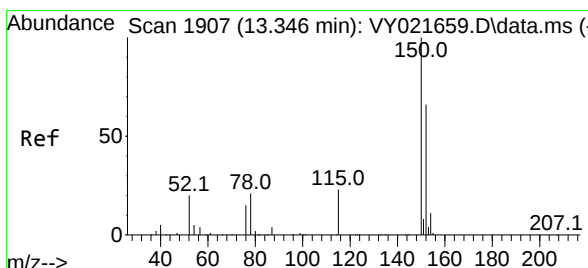
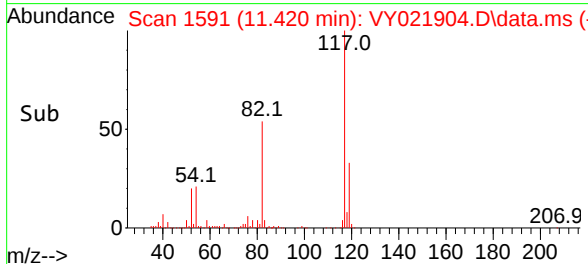
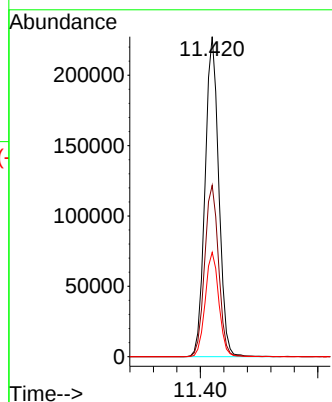
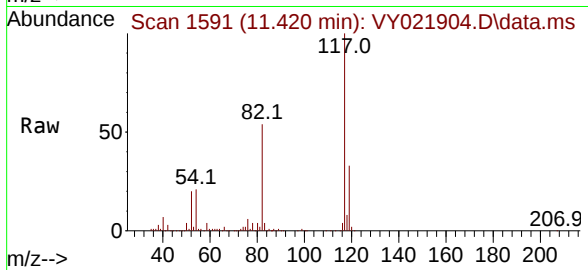




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021904.D
Acq: 17 Apr 2025 12:31

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

Tgt Ion:117 Resp: 368085
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021904.D
Acq: 17 Apr 2025 12:31

Tgt Ion:152 Resp: 130520
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 158.9 0.0 348.4

