

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021891.D
 Acq On : 15 Apr 2025 13:16
 Operator : SY/MD
 Sample : Q1808-01
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-SOIL-PILE

Quant Time: Apr 16 03:01:45 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	7.707	168	265989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	491907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	422659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	160299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148323	51.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.940%
35) Dibromofluoromethane	7.634	113	161254	50.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.109	98	591746	48.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.408	95	168894	41.133	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.260%

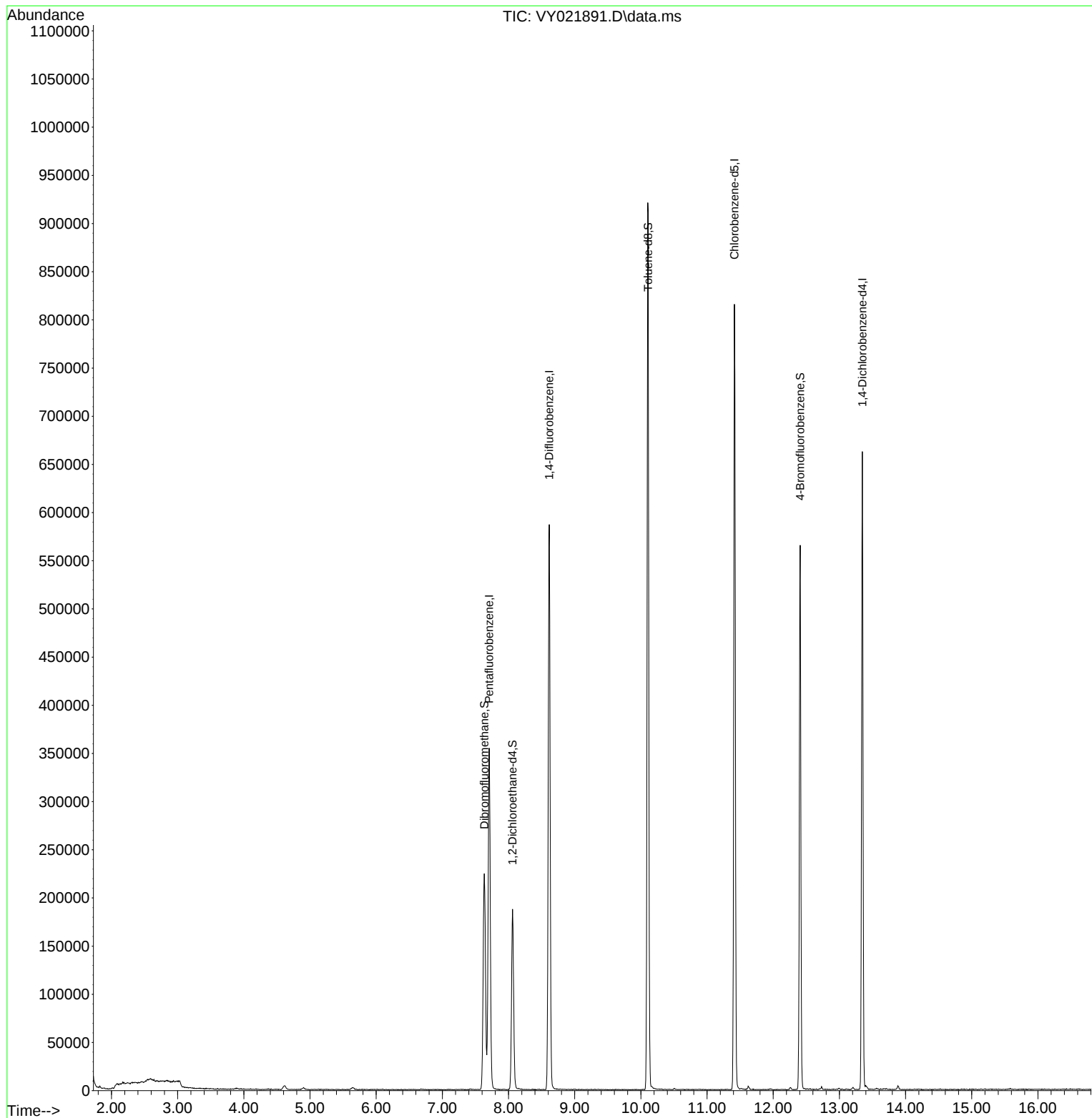
Target Compounds	Qvalue

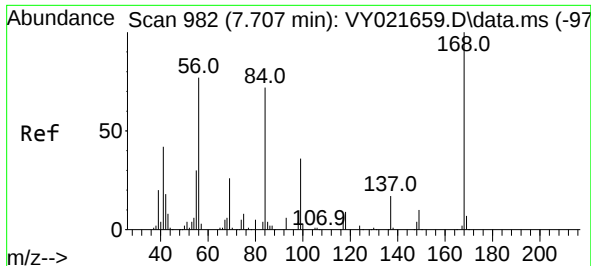
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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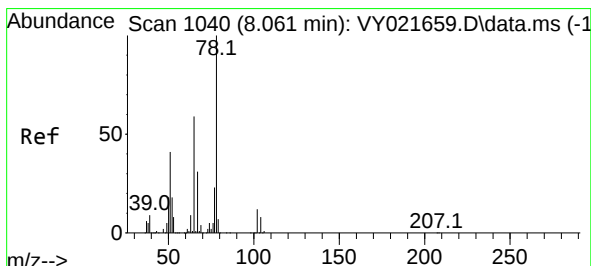
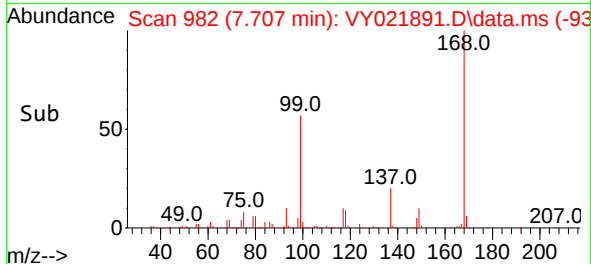
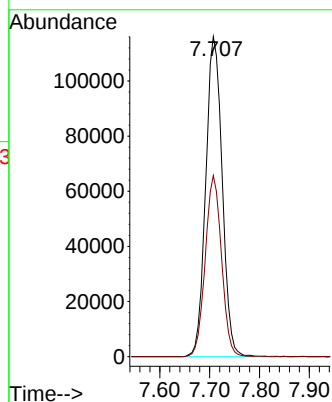
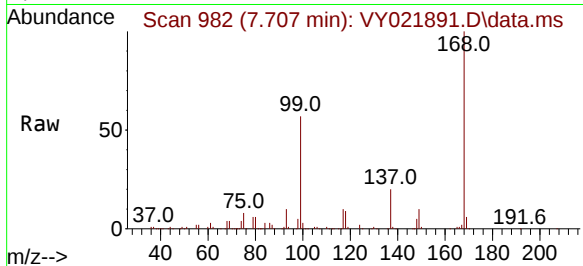




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021891.D
Acq: 15 Apr 2025 13:16

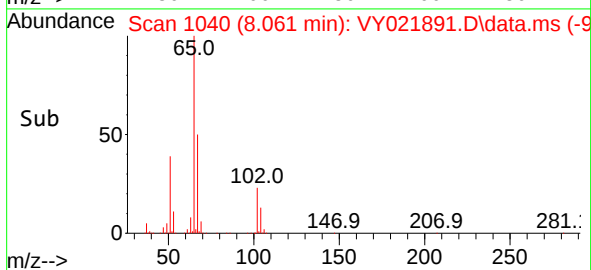
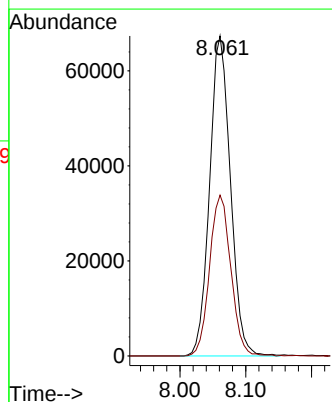
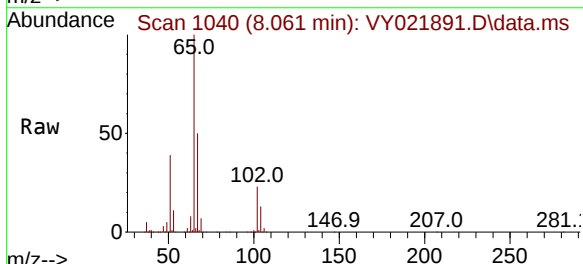
Instrument :
MSVOA_Y
ClientSampleId :
OILY-SOIL-PILE

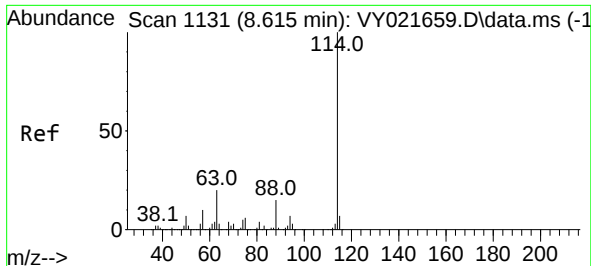
Tgt Ion:168 Resp: 265989
Ion Ratio Lower Upper
168 100
99 56.6 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 51.467 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021891.D
Acq: 15 Apr 2025 13:16

Tgt Ion: 65 Resp: 148323
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.6

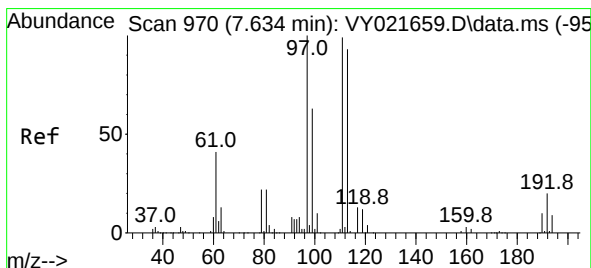
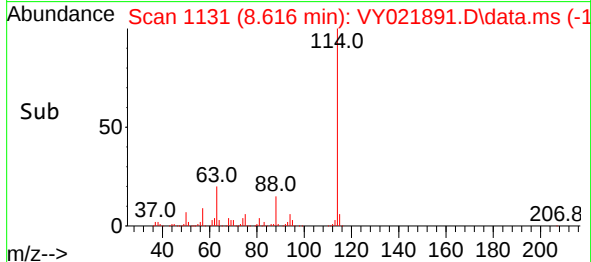
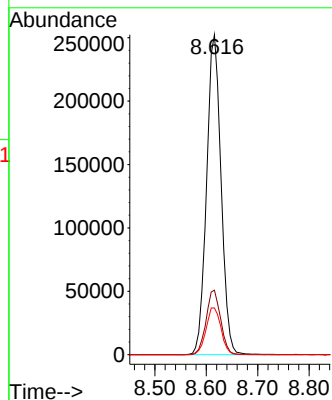
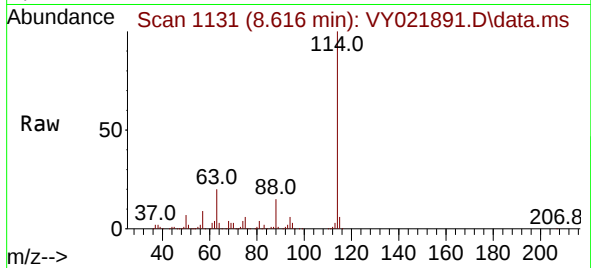




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021891.D
Acq: 15 Apr 2025 13:16

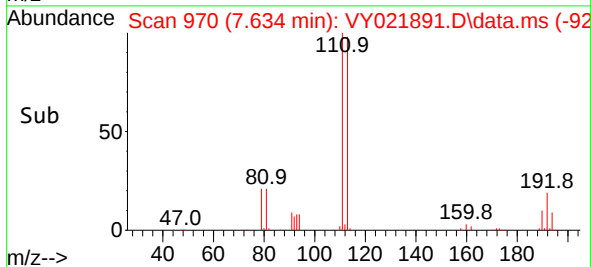
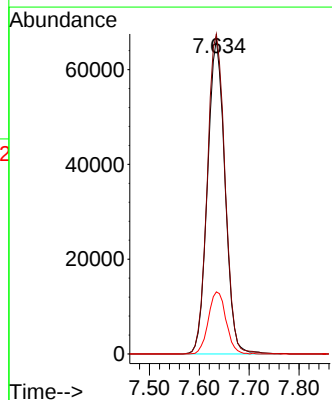
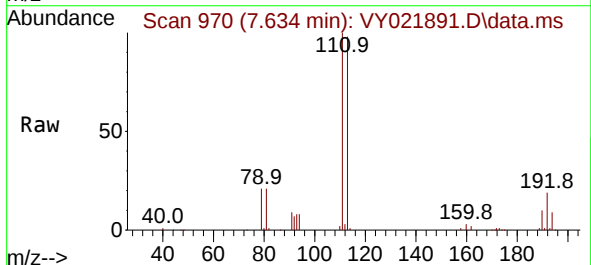
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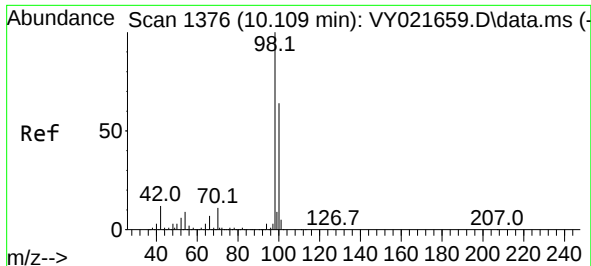
Tgt Ion:114 Resp: 491907
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.2
88 14.6 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.535 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021891.D
Acq: 15 Apr 2025 13:16

Tgt Ion:113 Resp: 161254
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 20.0 16.2 24.4

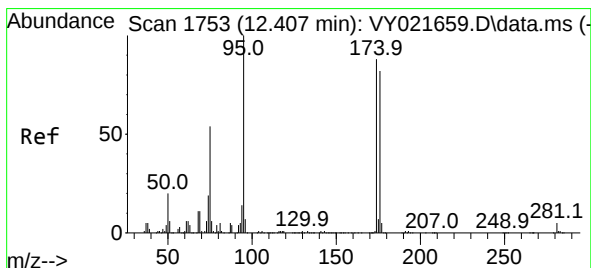
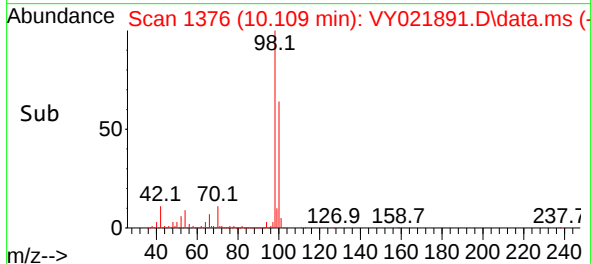
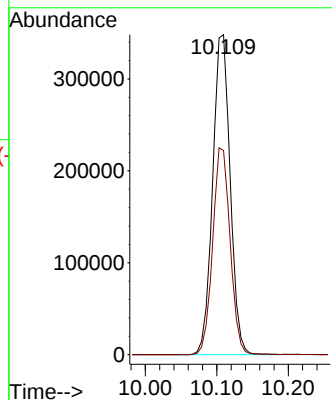
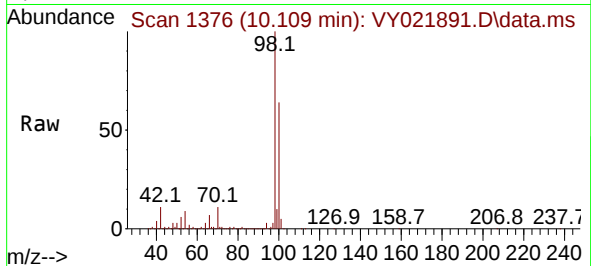




#50
Toluene-d8
Concen: 48.747 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021891.D
Acq: 15 Apr 2025 13:16

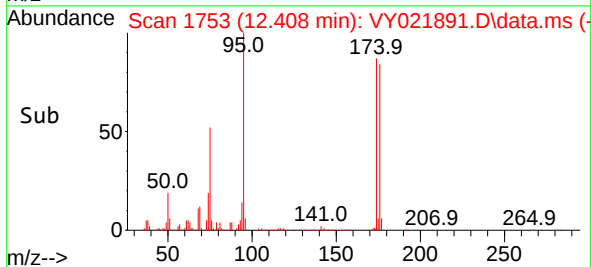
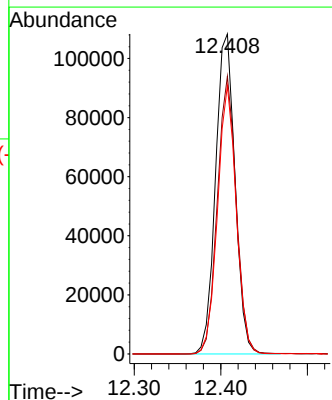
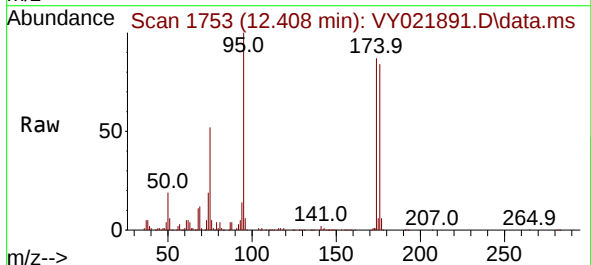
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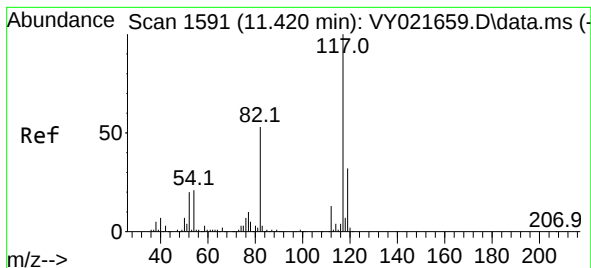
Tgt Ion: 98 Resp: 591746
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.133 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021891.D
Acq: 15 Apr 2025 13:16

Tgt Ion: 95 Resp: 168894
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.8
176 80.4 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021891.D

Acq: 15 Apr 2025 13:16

Instrument :

MSVOA_Y

ClientSampleId :

OILY-SOIL-PILE

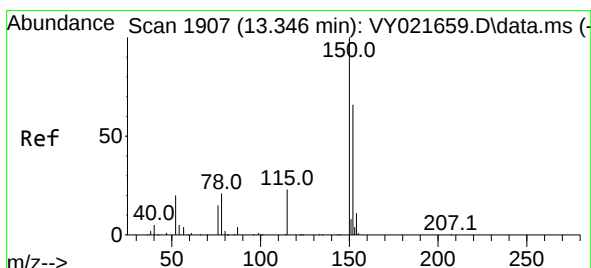
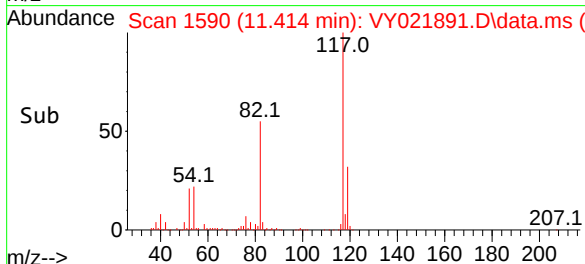
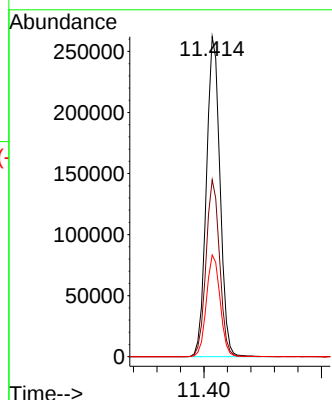
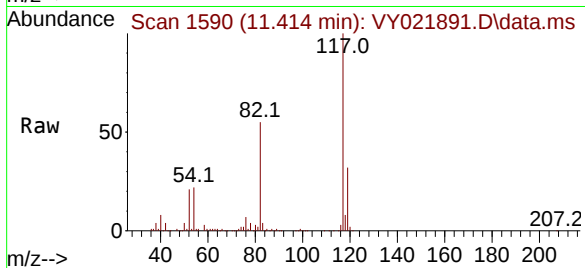
Tgt Ion:117 Resp: 422659

Ion Ratio Lower Upper

117 100

82 55.3 42.8 64.2

119 31.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021891.D

Acq: 15 Apr 2025 13:16

Tgt Ion:152 Resp: 160299

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 156.8 0.0 348.4

