

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014141.D
 Acq On : 13 Jun 2023 15:52
 Operator : KP/MD
 Sample : 03141-04 RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-004 RE

Quant Time: Jun 14 01:36:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	41966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	65553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	61673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	26009	44.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.710	113	23022	49.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.040%
50) Toluene-d8	10.179	98	79960	46.006	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.477	95	22879	37.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.120%

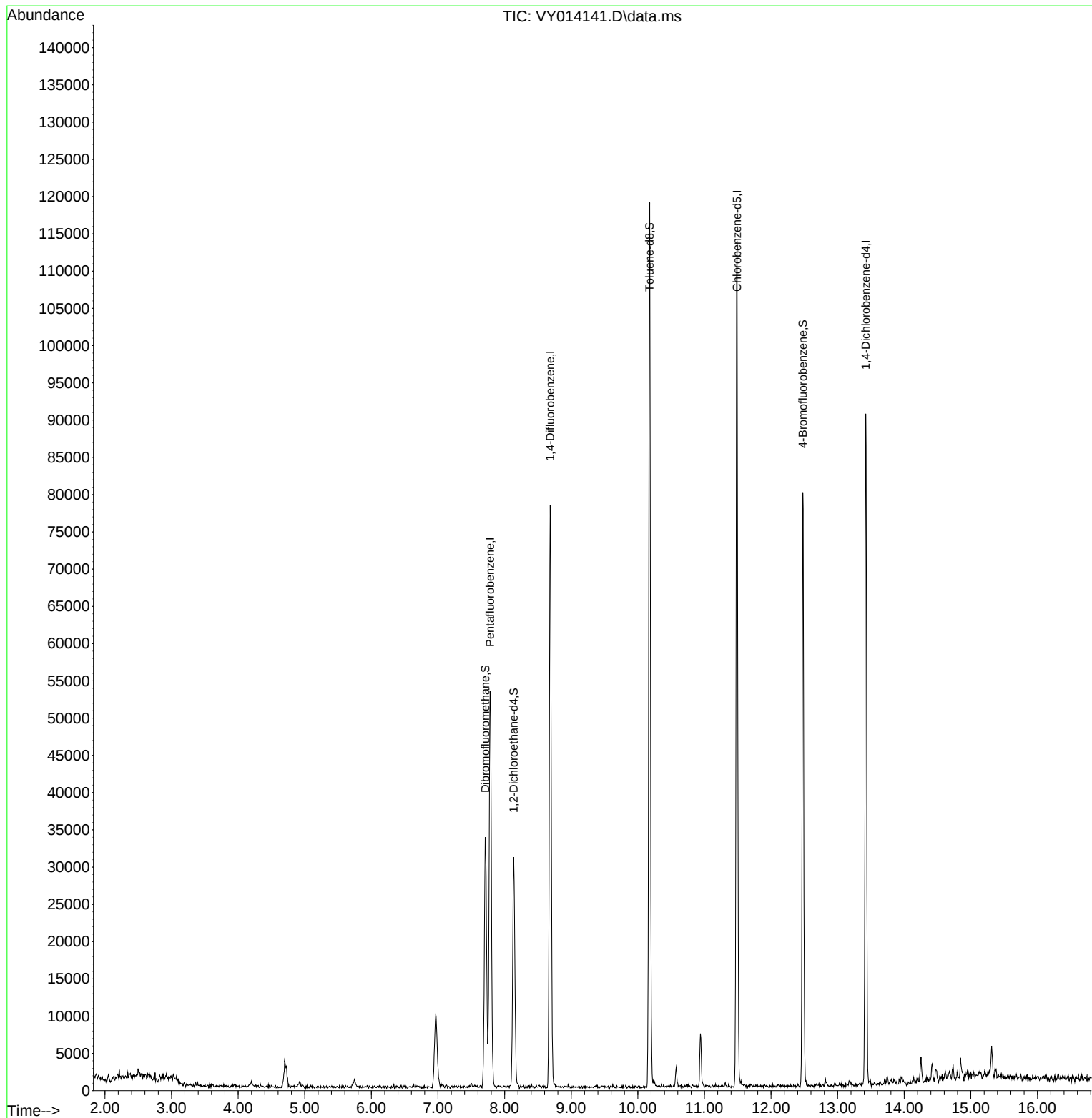
Target Compounds	Qvalue

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

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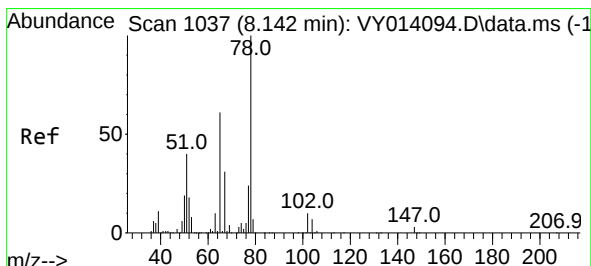
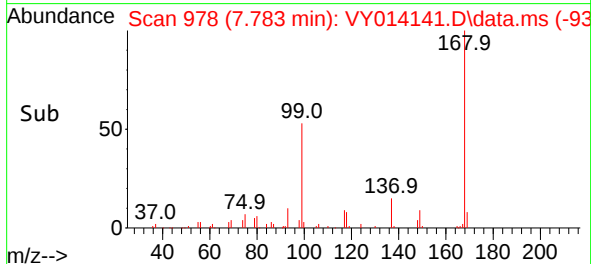
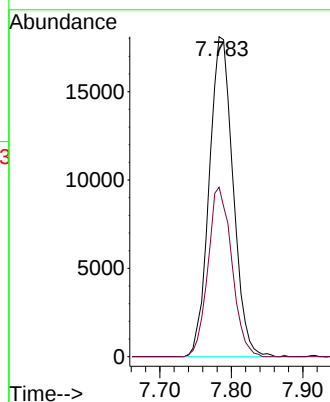
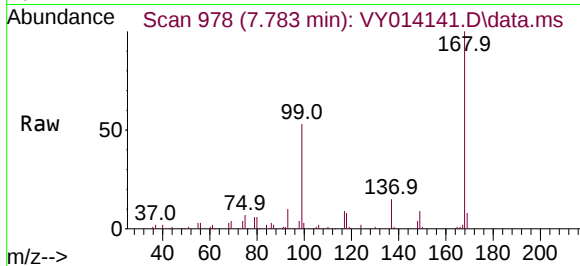




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014141.D
Acq: 13 Jun 2023 15:52

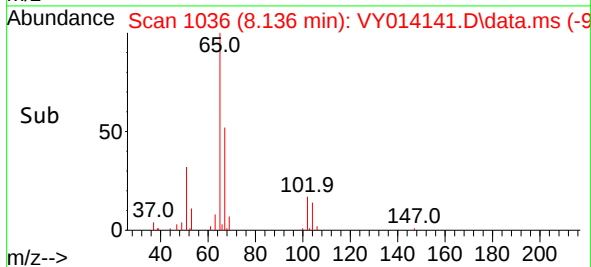
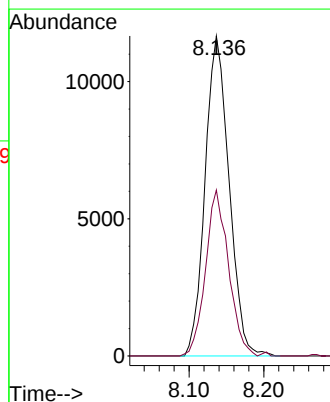
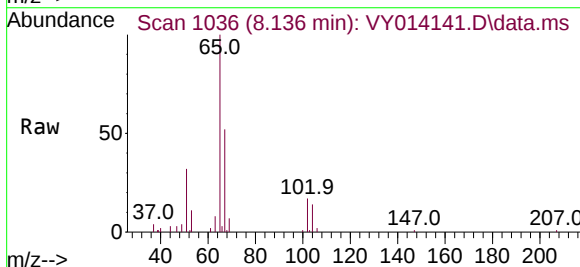
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-004 RE

Tgt Ion:168 Resp: 41966
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 44.507 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014141.D
Acq: 13 Jun 2023 15:52

Tgt Ion: 65 Resp: 26009
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

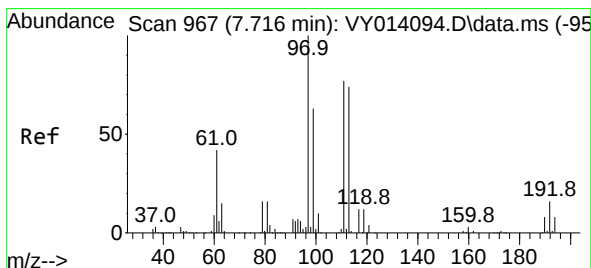
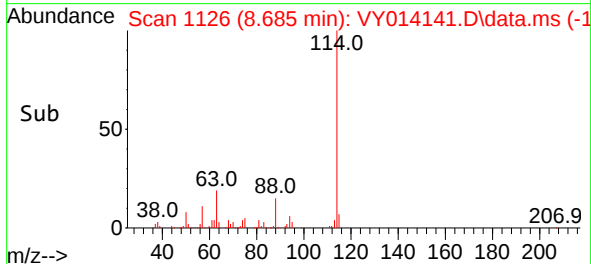
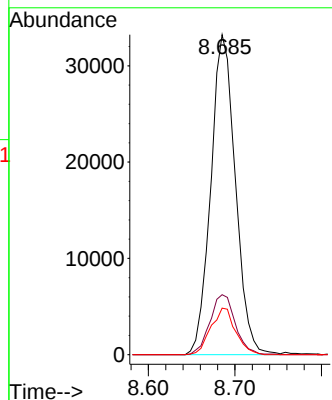
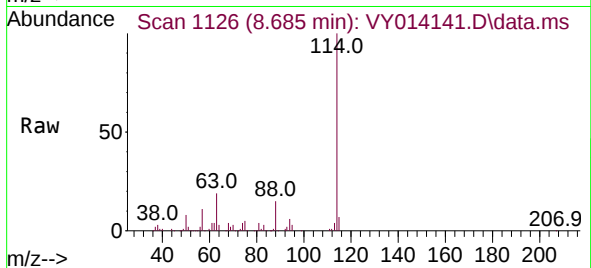




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014141.D
Acq: 13 Jun 2023 15:52

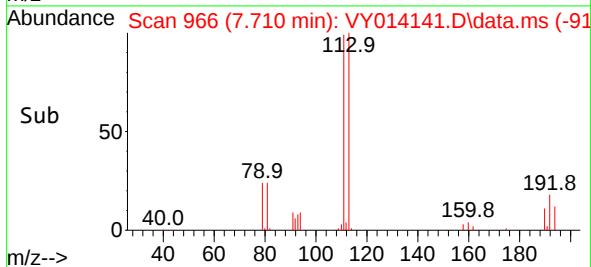
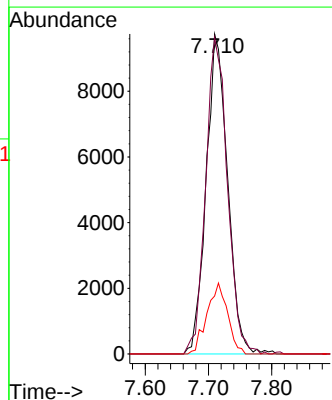
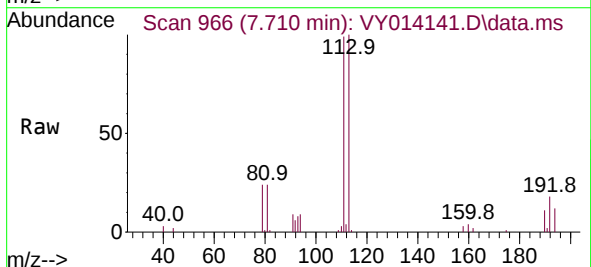
Instrument :
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ClientSampleId :
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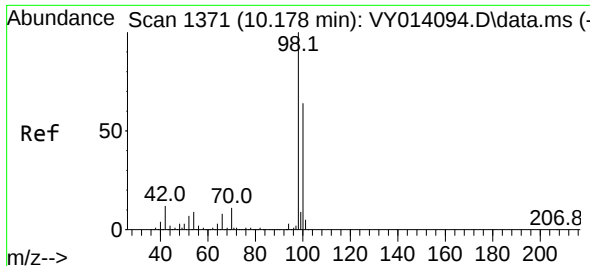
Tgt Ion:114 Resp: 65553
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.522 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014141.D
Acq: 13 Jun 2023 15:52

Tgt Ion:113 Resp: 23022
Ion Ratio Lower Upper
113 100
111 100.3 81.3 121.9
192 21.2 16.9 25.3

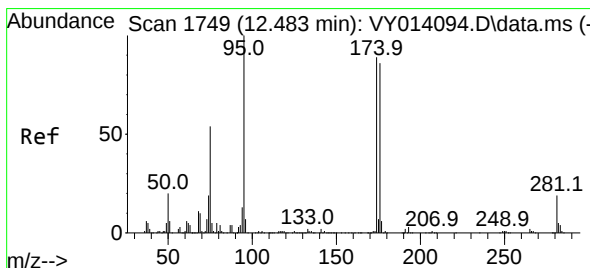
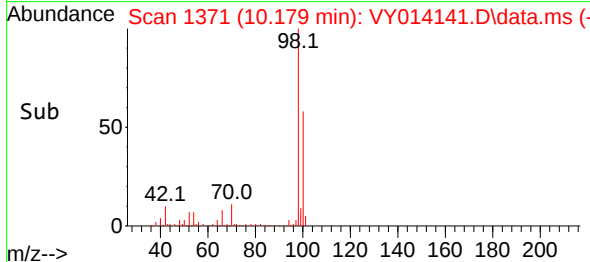
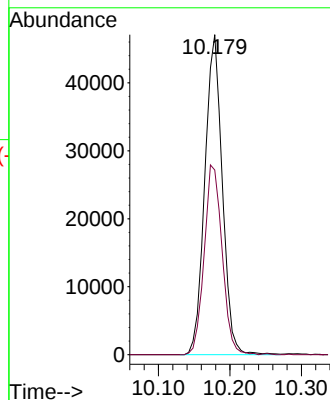
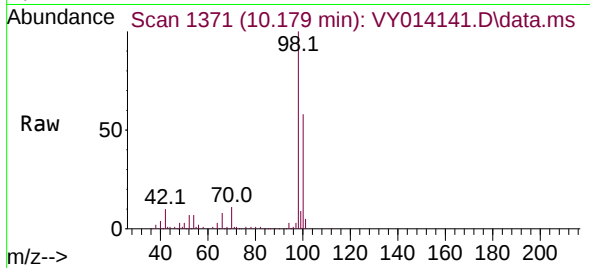




#50
Toluene-d8
Concen: 46.006 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014141.D
Acq: 13 Jun 2023 15:52

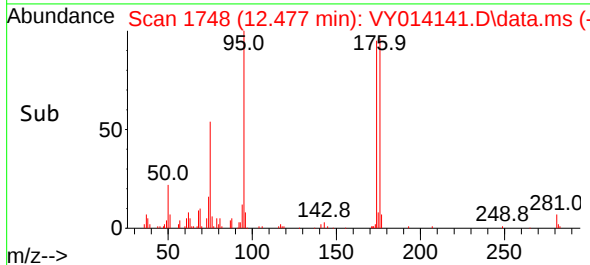
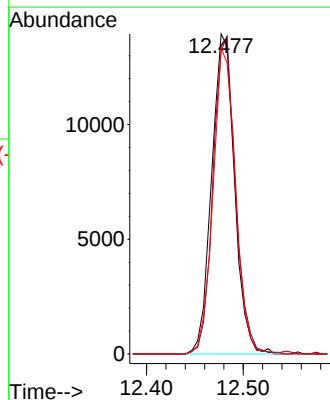
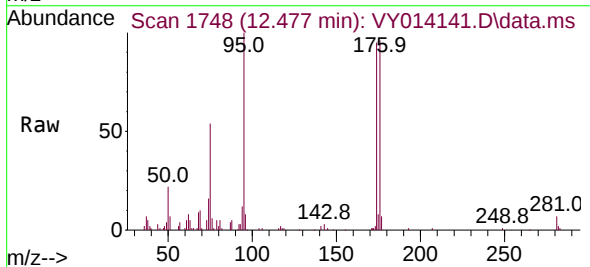
Instrument :
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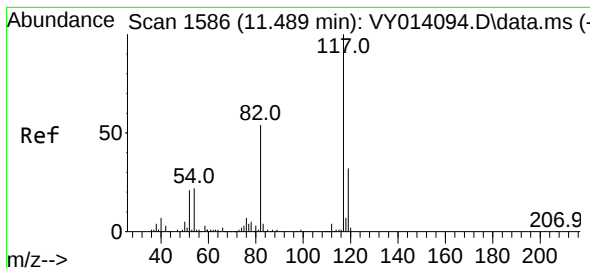
Tgt Ion: 98 Resp: 79960
Ion Ratio Lower Upper
98 100
100 60.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.057 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014141.D
Acq: 13 Jun 2023 15:52

Tgt Ion: 95 Resp: 22879
Ion Ratio Lower Upper
95 100
174 96.5 0.0 178.2
176 93.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014141.D

Acq: 13 Jun 2023 15:52

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-Topsoil-004 RE

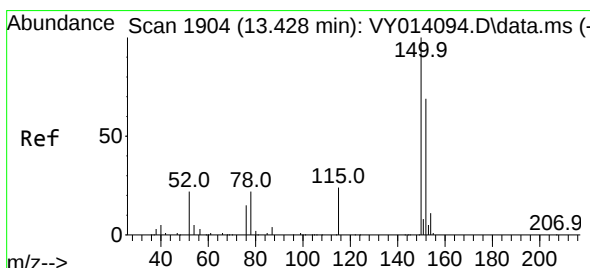
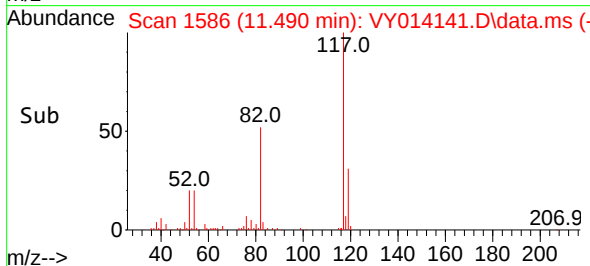
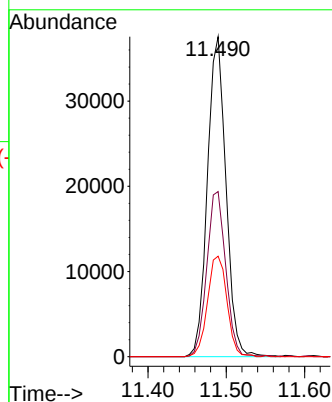
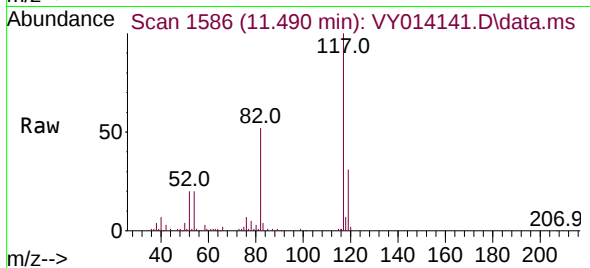
Tgt Ion:117 Resp: 61673

Ion Ratio Lower Upper

117 100

82 51.6 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014141.D

Acq: 13 Jun 2023 15:52

Tgt Ion:152 Resp: 24596

Ion Ratio Lower Upper

152 100

115 55.3 28.8 86.5

150 159.0 0.0 348.8

