

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014127.D
 Acq On : 12 Jun 2023 17:53
 Operator : KP/MD
 Sample : 03141-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-003

Quant Time: Jun 13 05:44:57 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	7.795	168	2639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	3588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1811	49.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.560%
35) Dibromofluoromethane	7.710	113	1252	40.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.280%
50) Toluene-d8	10.173	98	4601	39.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.900%
62) 4-Bromofluorobenzene	12.483	95	1044	25.518	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.040%

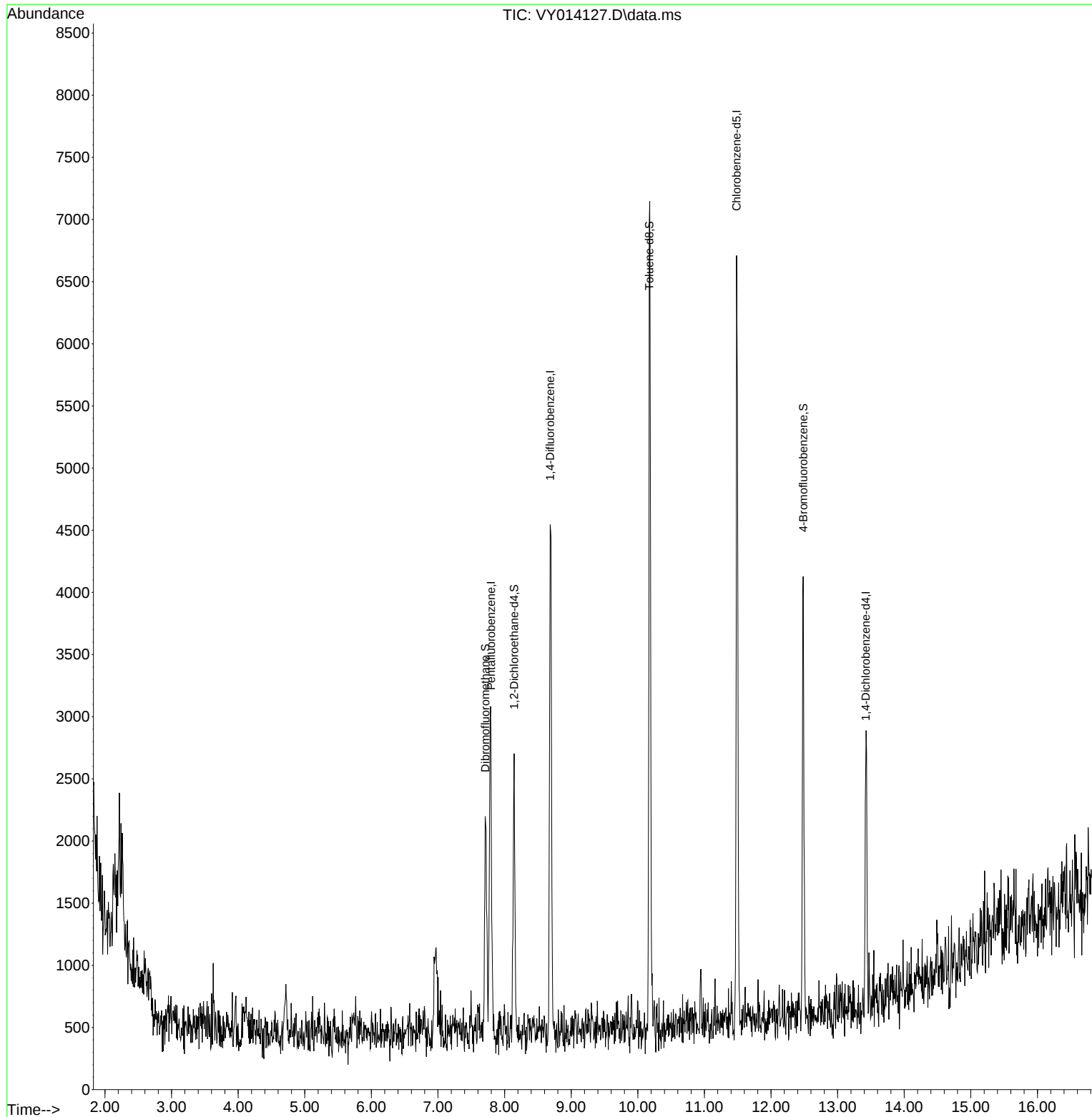
Target Compounds	Qvalue

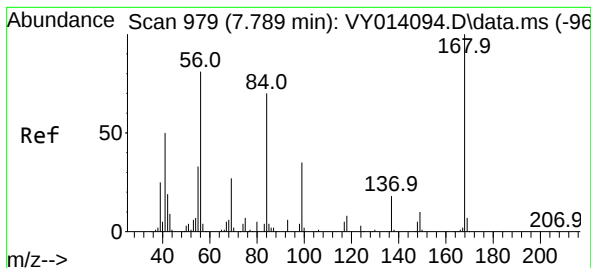
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

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Instrument :

MSVOA_Y

ClientSampleId :

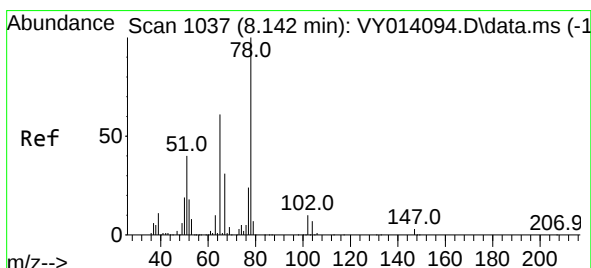
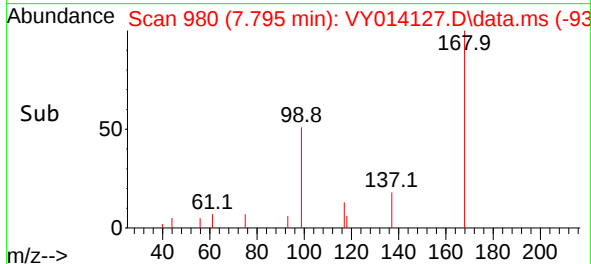
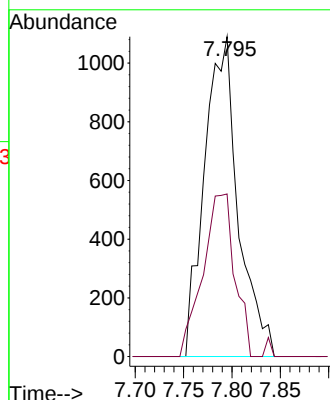
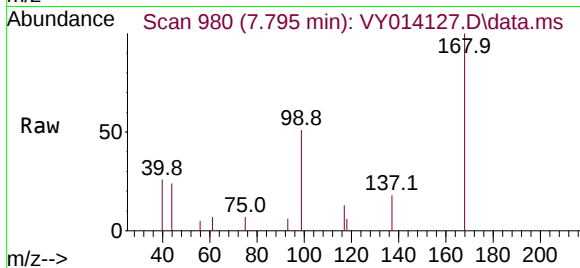
CMC-EME-Topsoil-003

Tgt Ion:168 Resp: 2639

Ion Ratio Lower Upper

168 100

99 50.8 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 49.281 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014127.D

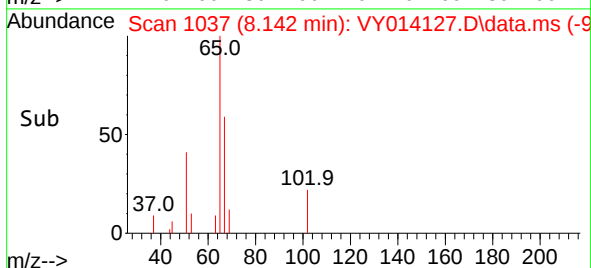
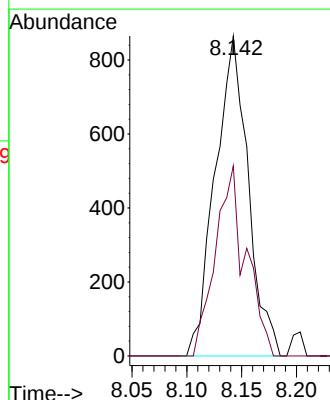
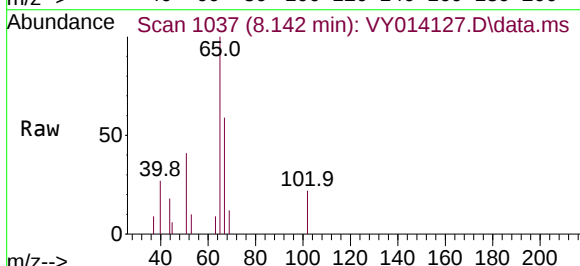
Acq: 12 Jun 2023 17:53

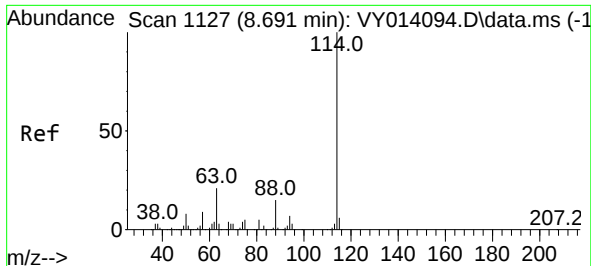
Tgt Ion: 65 Resp: 1811

Ion Ratio Lower Upper

65 100

67 55.0 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: VY014127.D

Acq: 12 Jun 2023 17:53

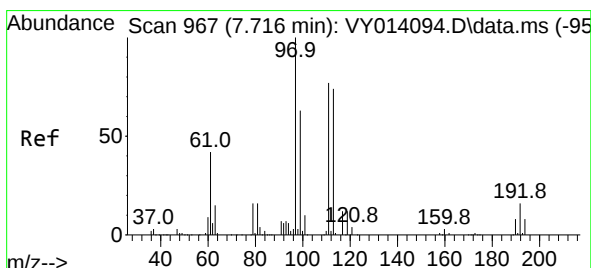
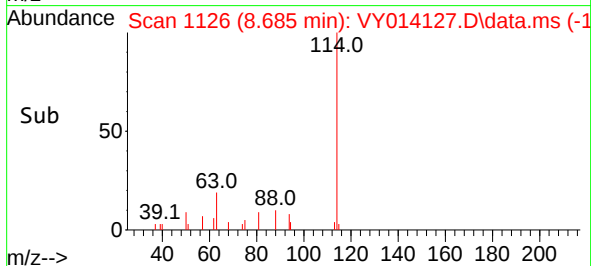
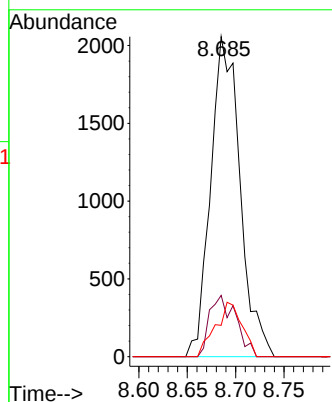
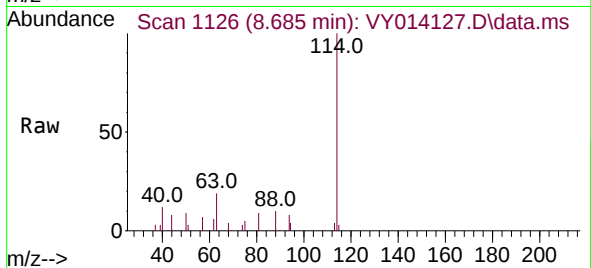
Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-Topsoil-003

Tgt Ion:114	Resp:	4344
Ion	Ratio	Lower Upper
114	100	
63	19.2	0.0 42.4
88	9.8	0.0 30.6



#35

Dibromofluoromethane

Concen: 40.641 ug/l

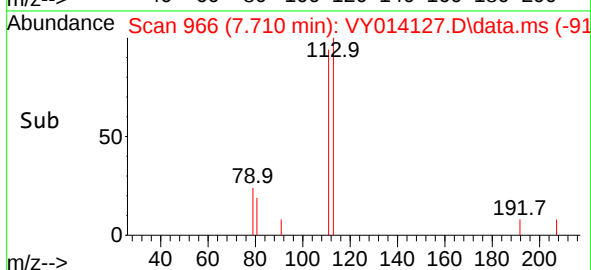
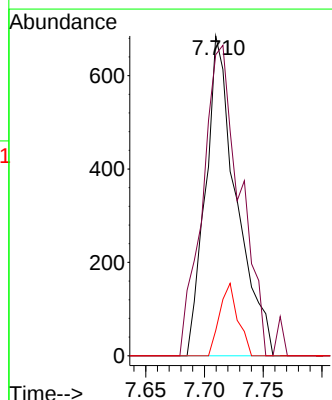
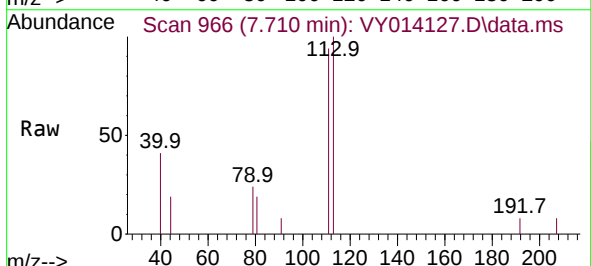
RT: 7.710 min Scan# 966

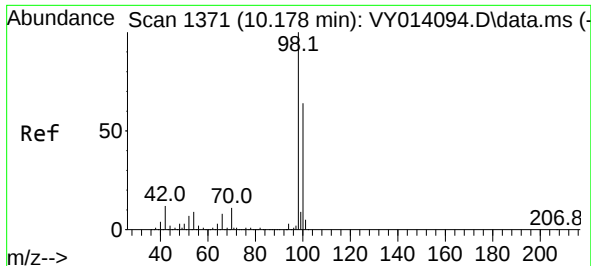
Delta R.T. -0.006 min

Lab File: VY014127.D

Acq: 12 Jun 2023 17:53

Tgt Ion:113	Resp:	1252
Ion	Ratio	Lower Upper
113	100	
111	116.5	81.3 121.9
192	13.4	16.9 25.3

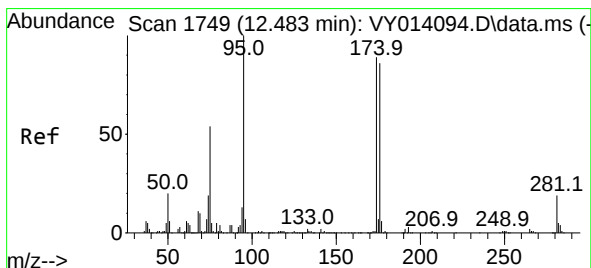
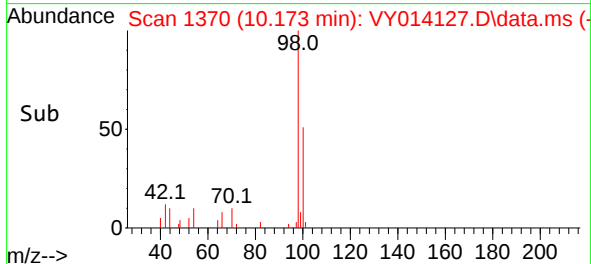
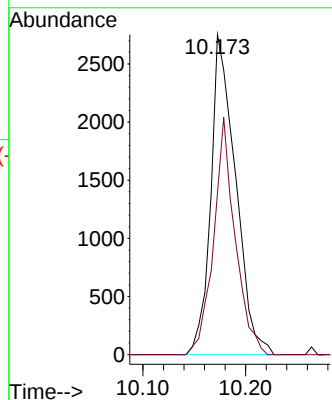
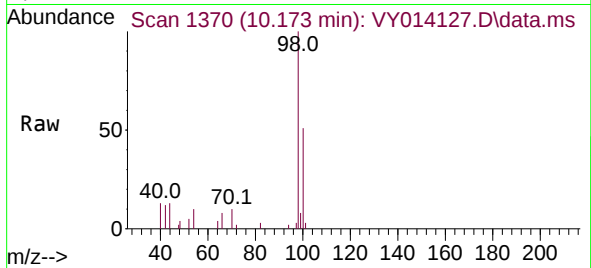




#50
Toluene-d8
Concen: 39.948 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014127.D
Acq: 12 Jun 2023 17:53

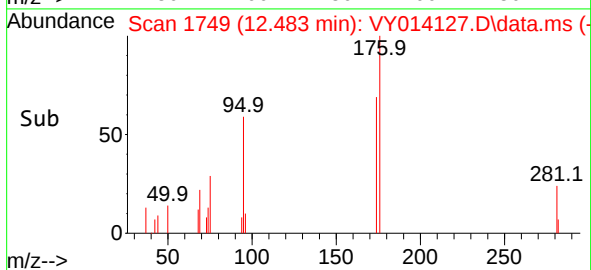
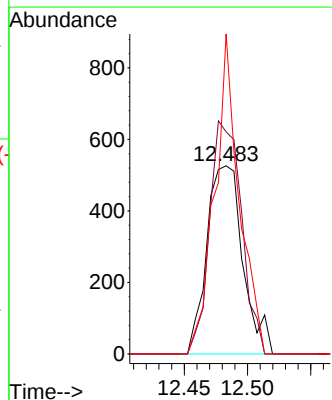
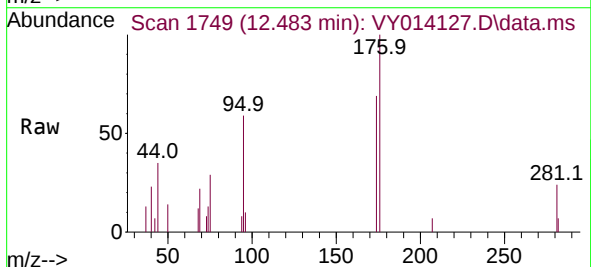
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-003

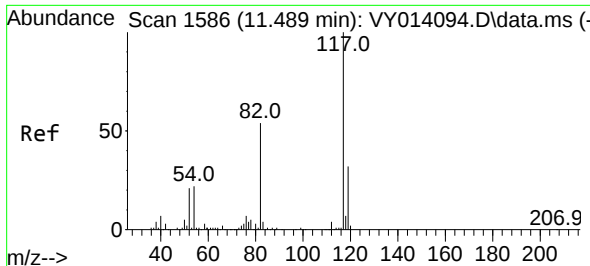
Tgt Ion: 98 Resp: 4601
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 25.518 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014127.D
Acq: 12 Jun 2023 17:53

Tgt Ion: 95 Resp: 1044
Ion Ratio Lower Upper
95 100
174 109.3 0.0 178.2
176 115.6 0.0 173.8

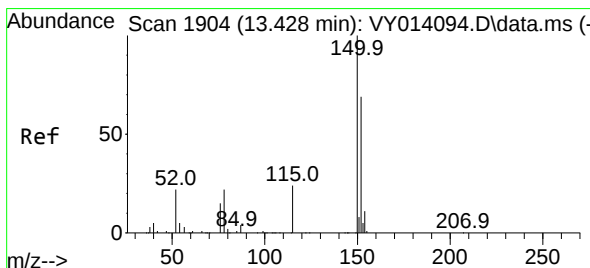
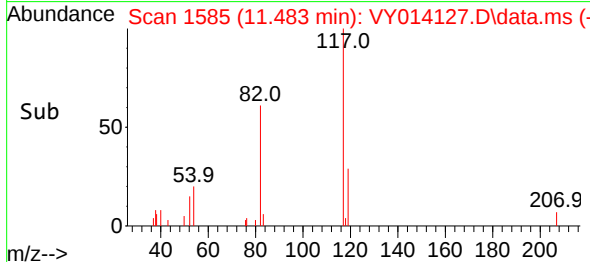
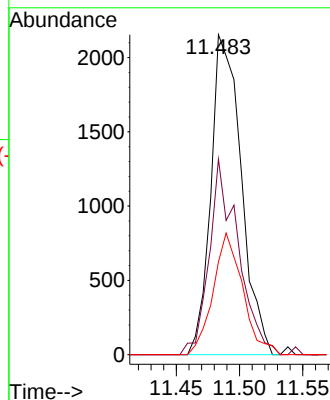
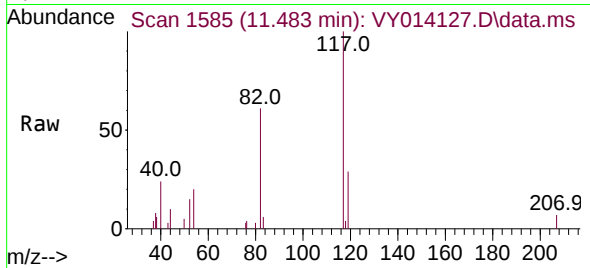




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014127.D
Acq: 12 Jun 2023 17:53

Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-003

Tgt Ion:	117	Resp:	3588
Ion	Ratio	Lower	Upper
117	100		
82	61.1	43.4	65.0
119	29.0	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: VY014127.D
Acq: 12 Jun 2023 17:53

Tgt Ion:	152	Resp:	772
Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.8	86.5
150	177.1	0.0	348.8

