

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014125.D
 Acq On : 12 Jun 2023 17:06
 Operator : KP/MD
 Sample : 03141-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-001

Quant Time: Jun 13 05:44:13 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	7.782	168	2164	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	4100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2257	74.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.800%
35) Dibromofluoromethane	7.709	113	1321	45.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.860%
50) Toluene-d8	10.172	98	4823	44.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.740%
62) 4-Bromofluorobenzene	12.477	95	1289	33.381	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.760%

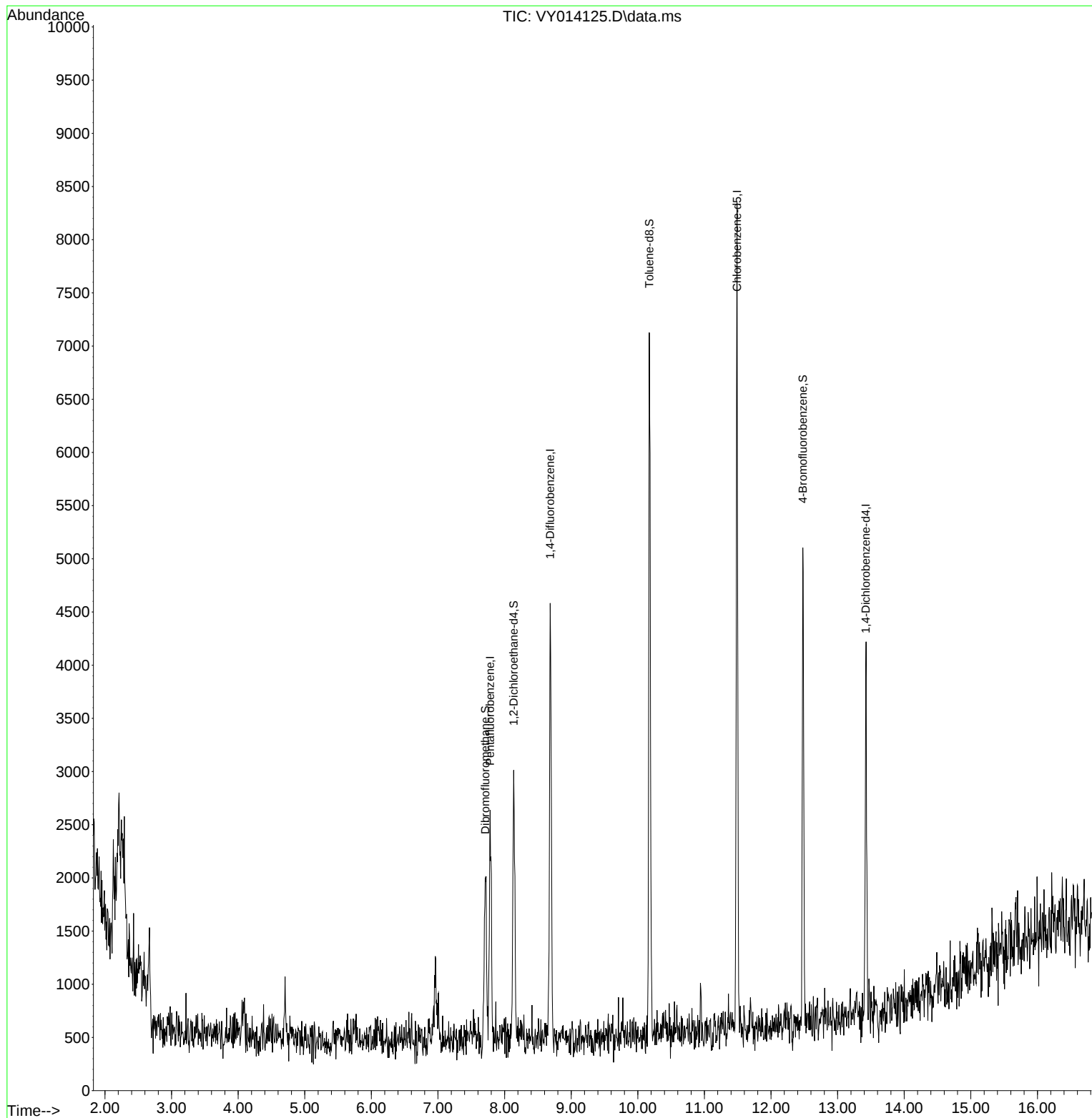
Target Compounds	Qvalue

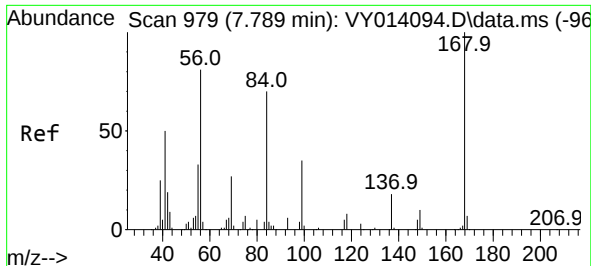
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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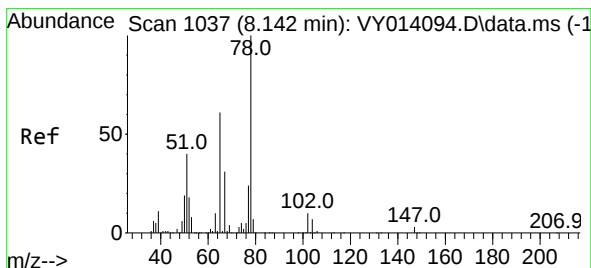
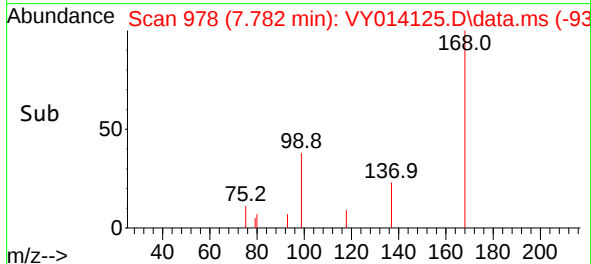
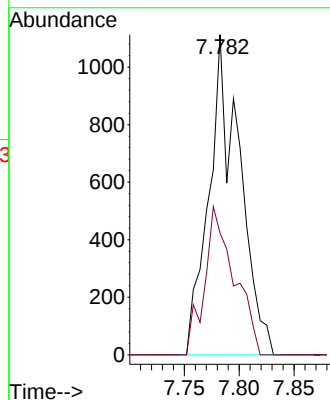
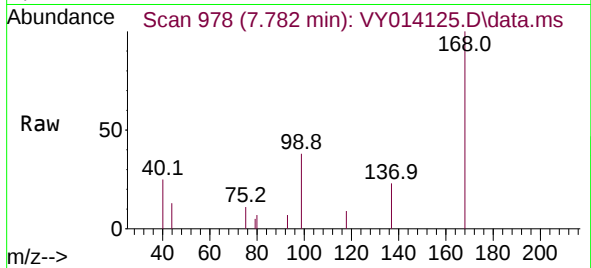




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014125.D
Acq: 12 Jun 2023 17:06

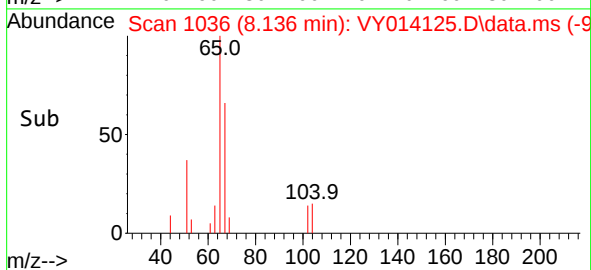
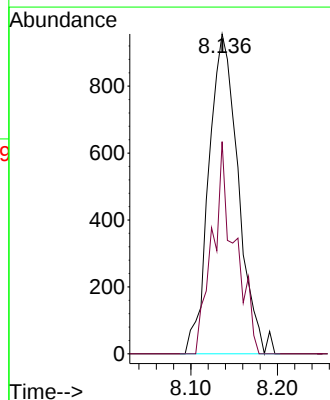
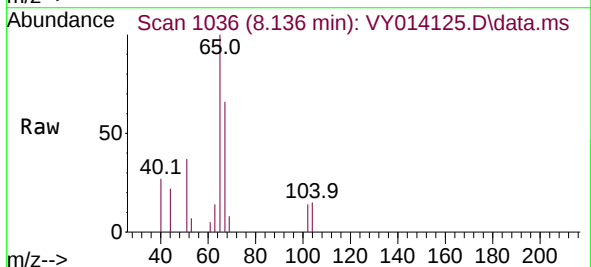
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-001

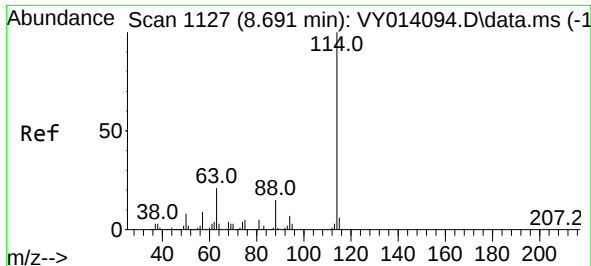
Tgt Ion:168 Resp: 2164
Ion Ratio Lower Upper
168 100
99 38.0 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 74.899 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014125.D
Acq: 12 Jun 2023 17:06

Tgt Ion: 65 Resp: 2257
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

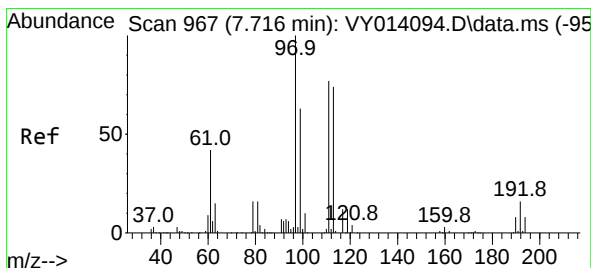
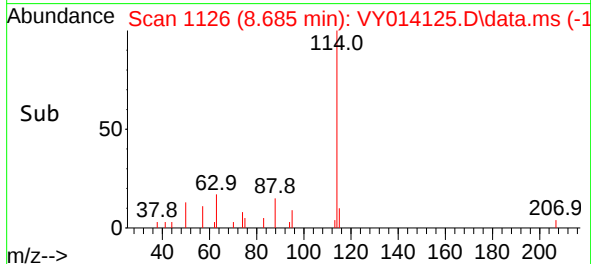
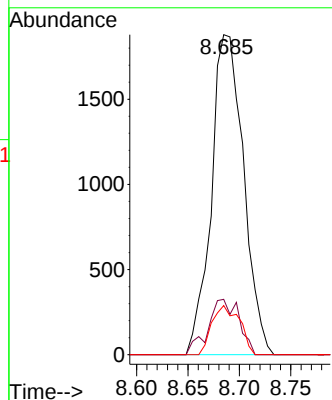
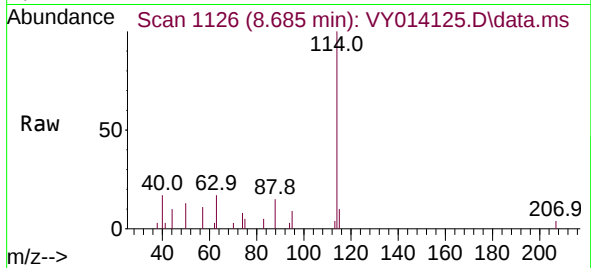




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014125.D
Acq: 12 Jun 2023 17:06

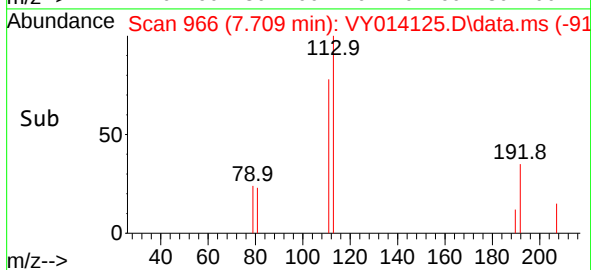
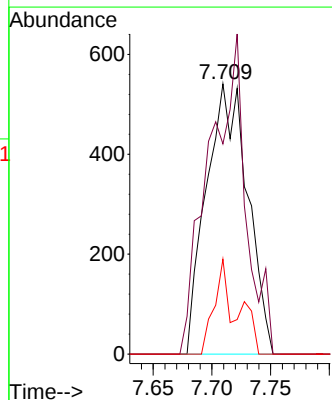
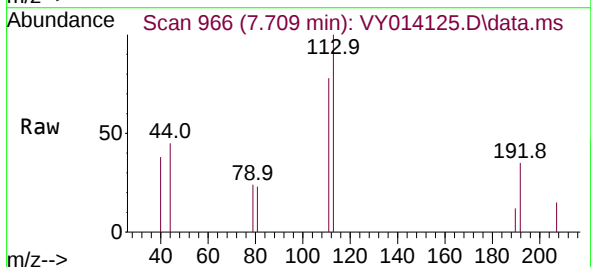
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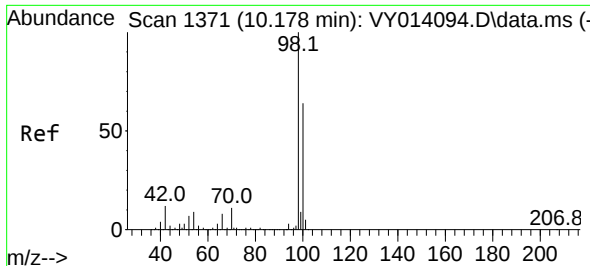
Tgt Ion:114	Resp:	4100
Ion	Ratio	Lower Upper
114	100	
63	17.3	0.0 42.4
88	15.4	0.0 30.6



#35
Dibromofluoromethane
Concen: 45.432 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY014125.D
Acq: 12 Jun 2023 17:06

Tgt Ion:113	Resp:	1321
Ion	Ratio	Lower Upper
113	100	
111	105.4	81.3 121.9
192	13.6	16.9 25.3

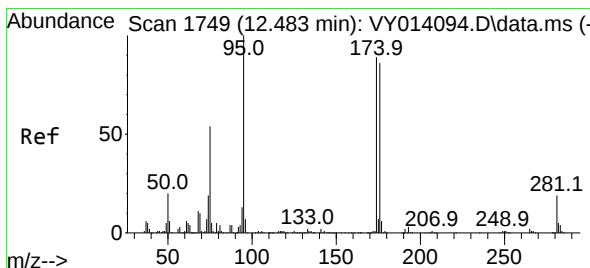
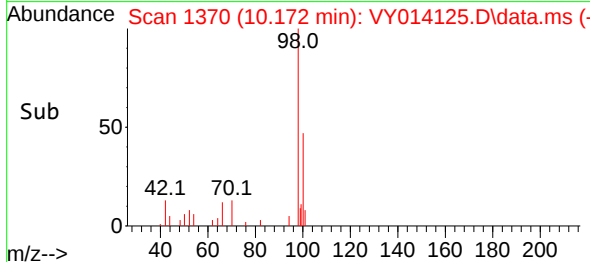
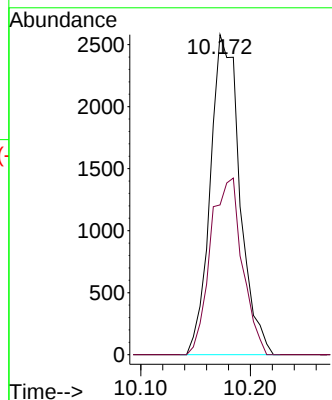
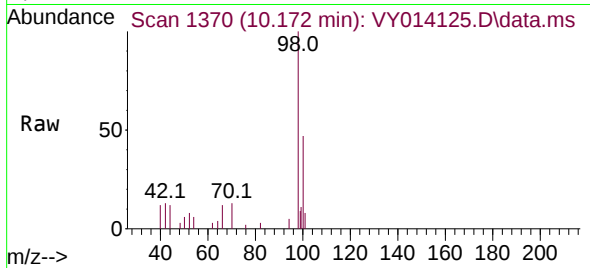




#50
Toluene-d8
Concen: 44.368 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014125.D
Acq: 12 Jun 2023 17:06

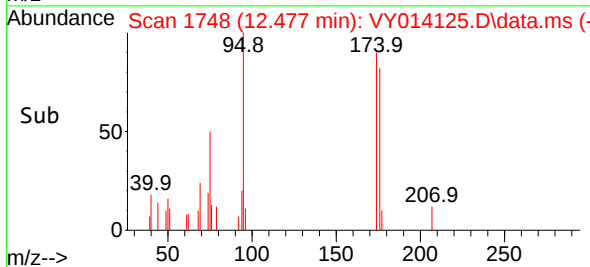
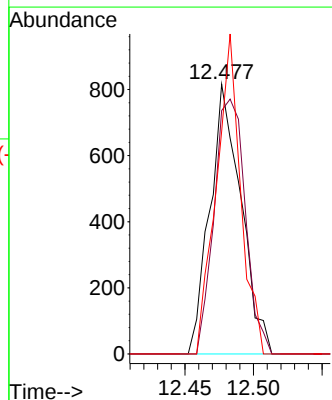
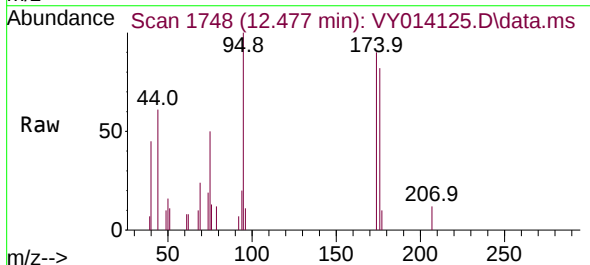
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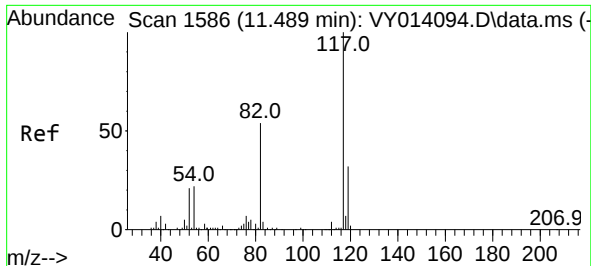
Tgt Ion: 98 Resp: 4823
Ion Ratio Lower Upper
98 100
100 59.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 33.381 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014125.D
Acq: 12 Jun 2023 17:06

Tgt Ion: 95 Resp: 1289
Ion Ratio Lower Upper
95 100
174 94.8 0.0 178.2
176 93.0 0.0 173.8

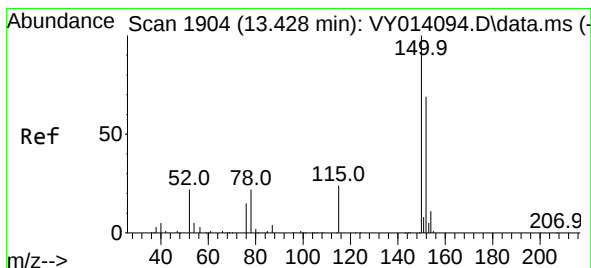
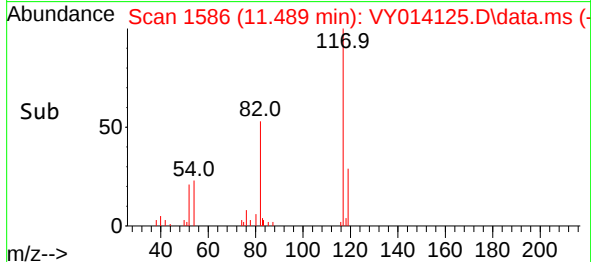
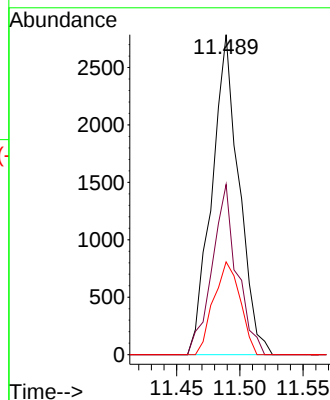
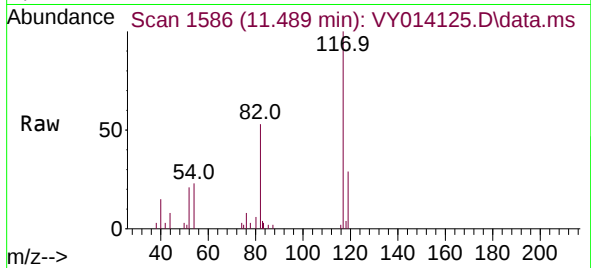




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014125.D
Acq: 12 Jun 2023 17:06

Instrument :
MSVOA_Y
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Tgt Ion:	117	Resp:	4169
Ion	Ratio	Lower	Upper
117	100		
82	53.2	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: VY014125.D
Acq: 12 Jun 2023 17:06

Tgt Ion:	152	Resp:	1061
Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.8	86.5
150	157.5	0.0	348.8

