

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013884.D
 Acq On : 25 May 2023 19:30
 Operator : KP/MD
 Sample : 02941-01
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EME-TOPSOIL-001

Quant Time: May 26 04:35:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

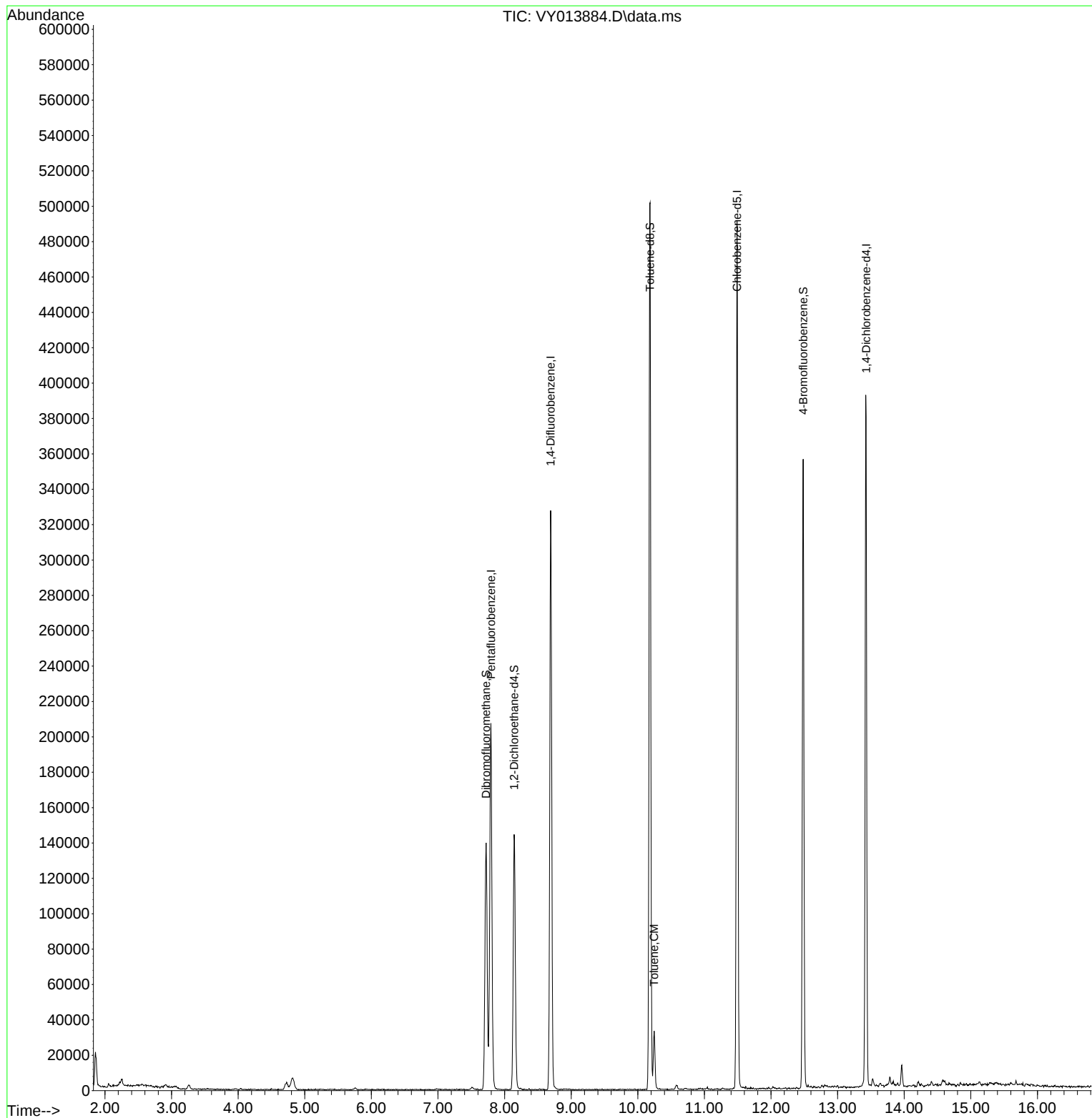
Internal Standards						
1) Pentafluorobenzene	7.795	168	159650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	116188	62.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.820%	
35) Dibromofluoromethane	7.722	113	94508	53.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.185	98	333508	49.734	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.483	95	99139	44.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.960%	
Target Compounds						
52) Toluene	10.246	92	12466	2.649	ug/l	Qvalue 98

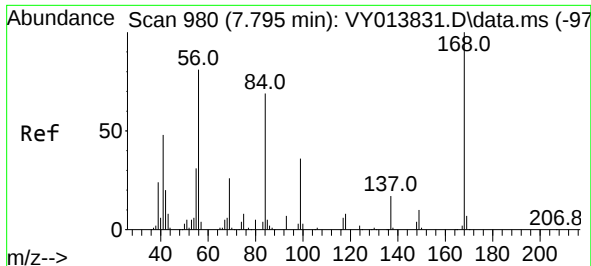
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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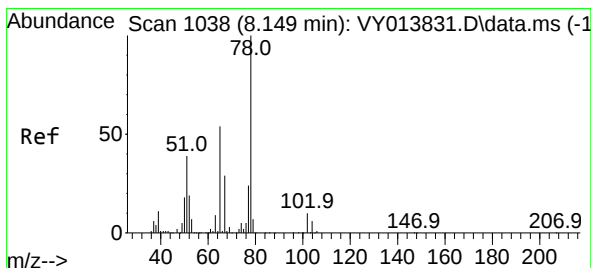
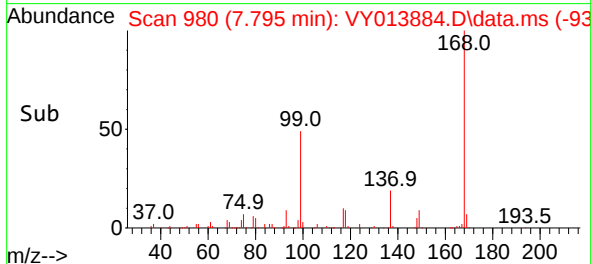
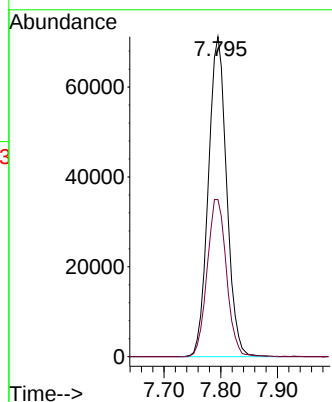
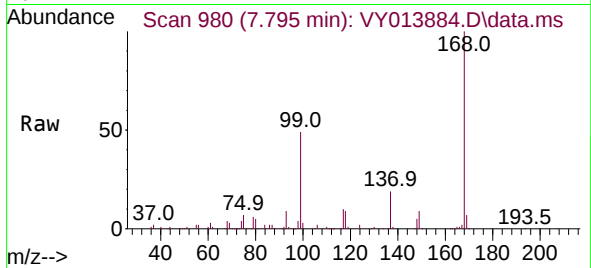




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

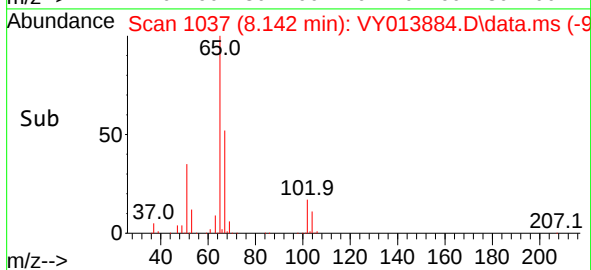
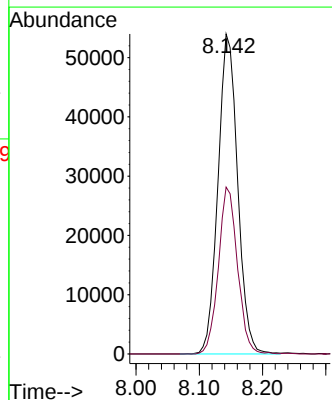
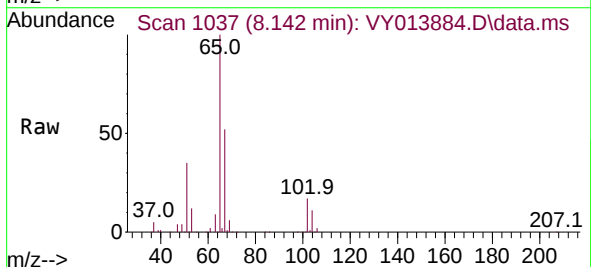
Instrument :
MSVOA_Y
ClientSampleId :
EME-TOPSOIL-001

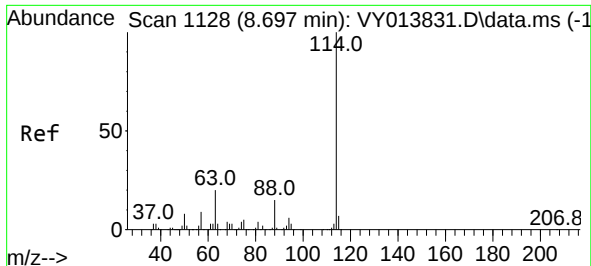
Tgt Ion:168 Resp: 159650
Ion Ratio Lower Upper
168 100
99 49.1 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 62.907 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

Tgt Ion: 65 Resp: 116188
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4

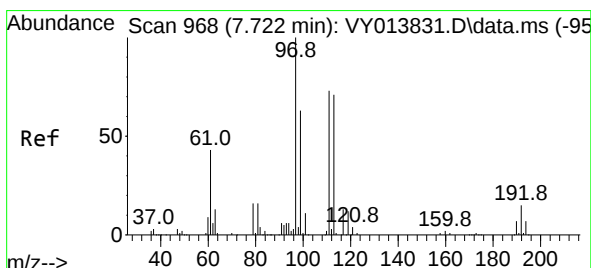
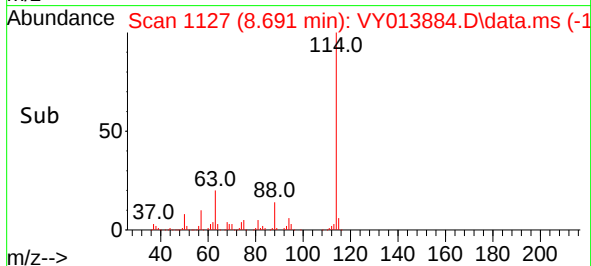
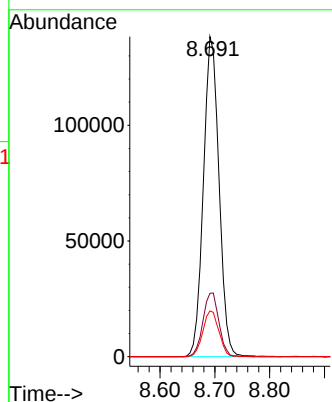
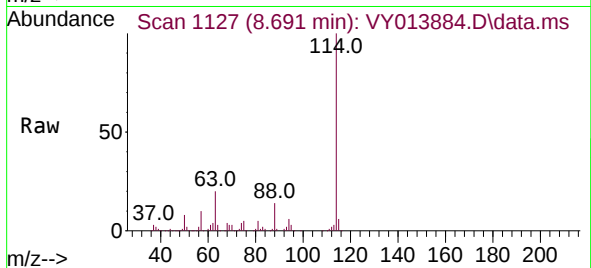




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

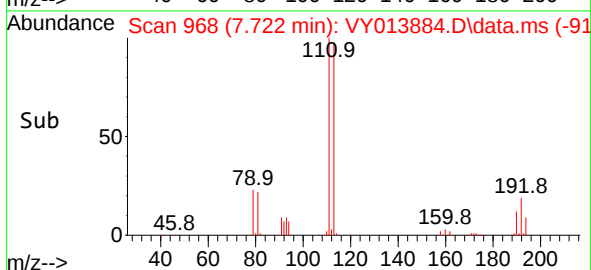
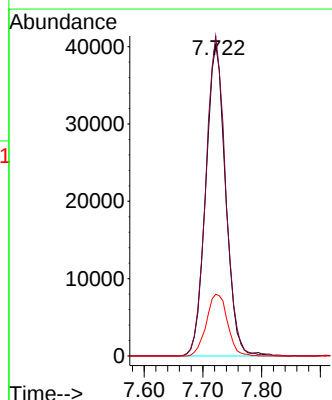
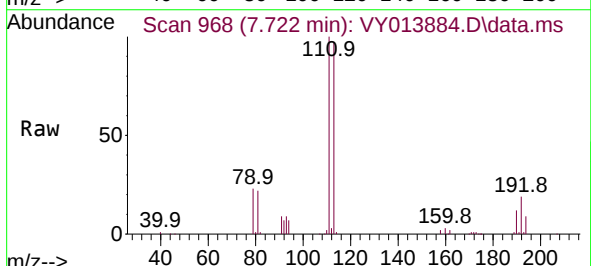
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ClientSampleId :
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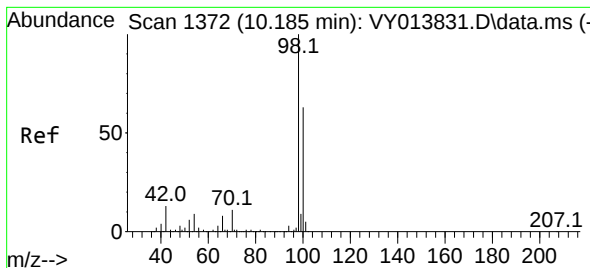
Tgt Ion:	114	Resp:	273205
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.2
88	14.3	0.0	30.0



#35
Dibromofluoromethane
Concen: 53.565 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

Tgt Ion:	113	Resp:	94508
Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.4	120.6
192	21.0	16.6	25.0

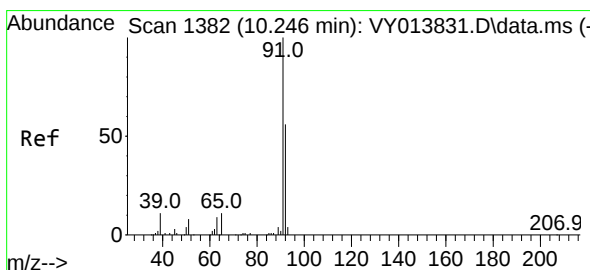
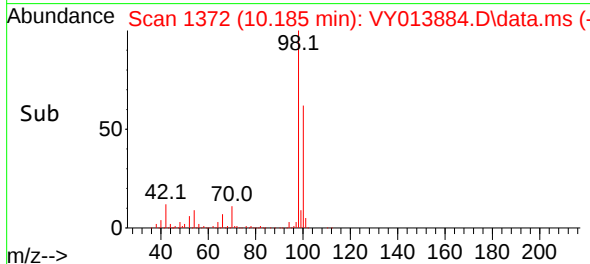
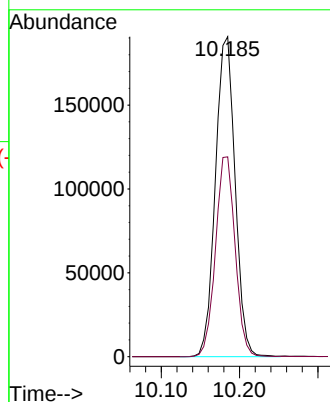
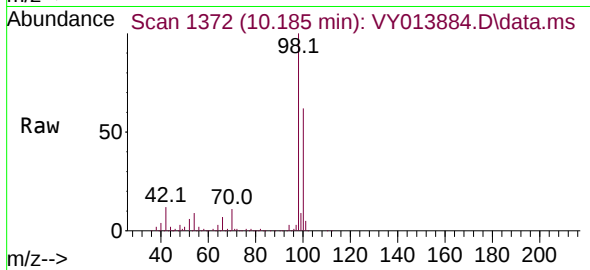




#50
Toluene-d8
Concen: 49.734 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

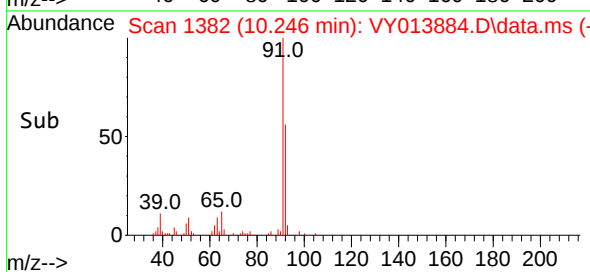
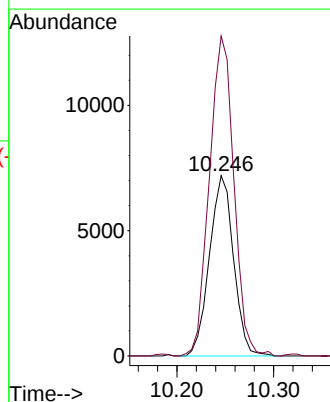
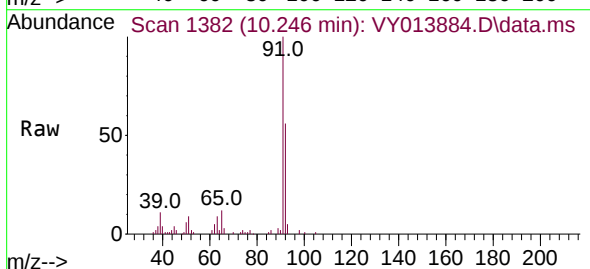
Instrument :
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ClientSampleId :
EME-TOPSOIL-001

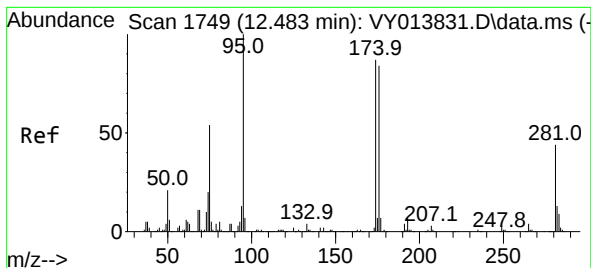
Tgt Ion: 98 Resp: 333508
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2



#52
Toluene
Concen: 2.649 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

Tgt Ion: 92 Resp: 12466
Ion Ratio Lower Upper
92 100
91 180.2 142.2 213.4

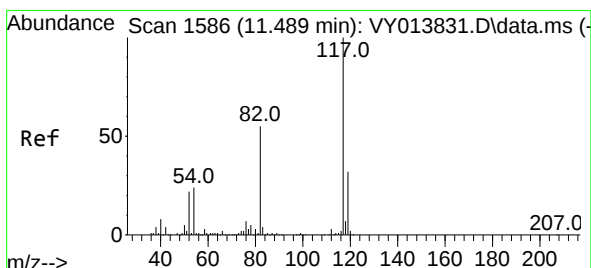
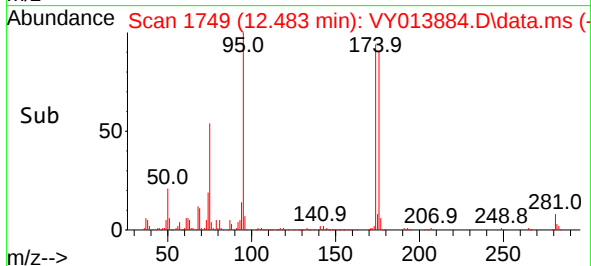
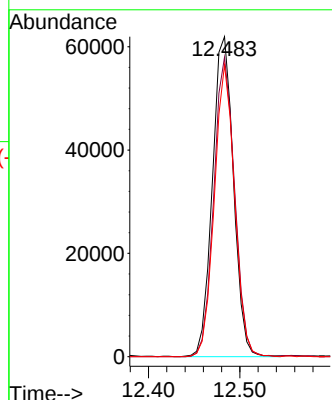
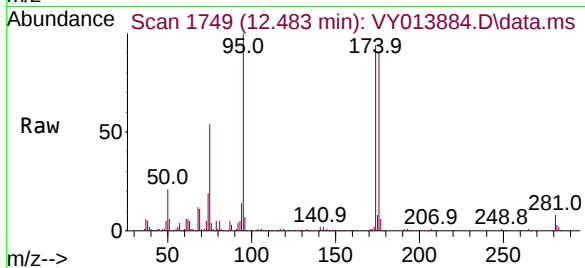




#62
4-Bromofluorobenzene
Concen: 44.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

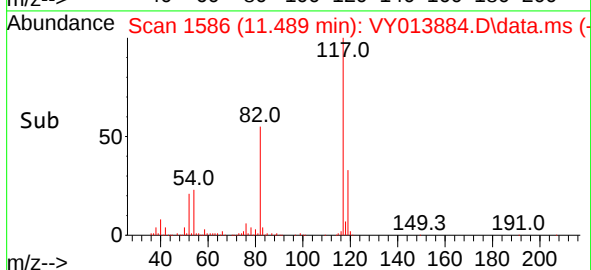
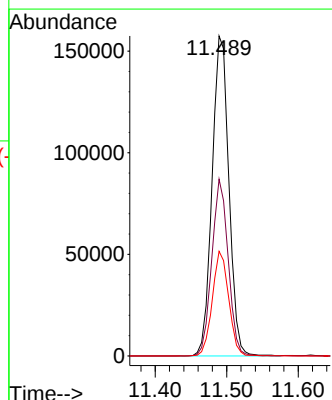
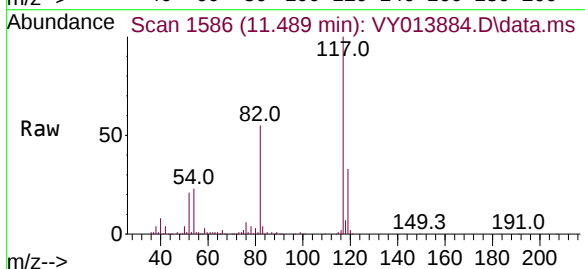
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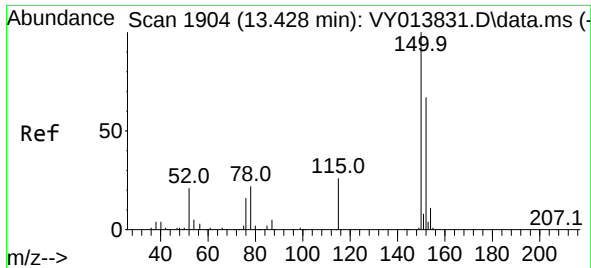
Tgt Ion: 95 Resp: 99139
Ion Ratio Lower Upper
95 100
174 92.3 0.0 176.0
176 87.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013884.D
Acq: 25 May 2023 19:30

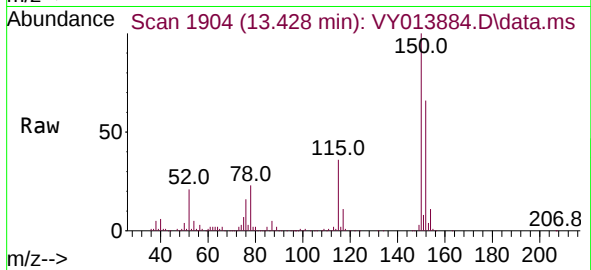
Tgt Ion: 117 Resp: 256731
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 32.7 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013884.D
 Acq: 25 May 2023 19:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 EME-TOPSOIL-001



Tgt Ion:152 Resp: 102767
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.8 86.5
 150 153.0 0.0 353.4

