

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014332.D
 Acq On : 21 Jun 2023 13:47
 Operator : KP/MD
 Sample : 03333-03
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOMINICK-SP-VOC

Quant Time: Jun 22 01:56:52 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)

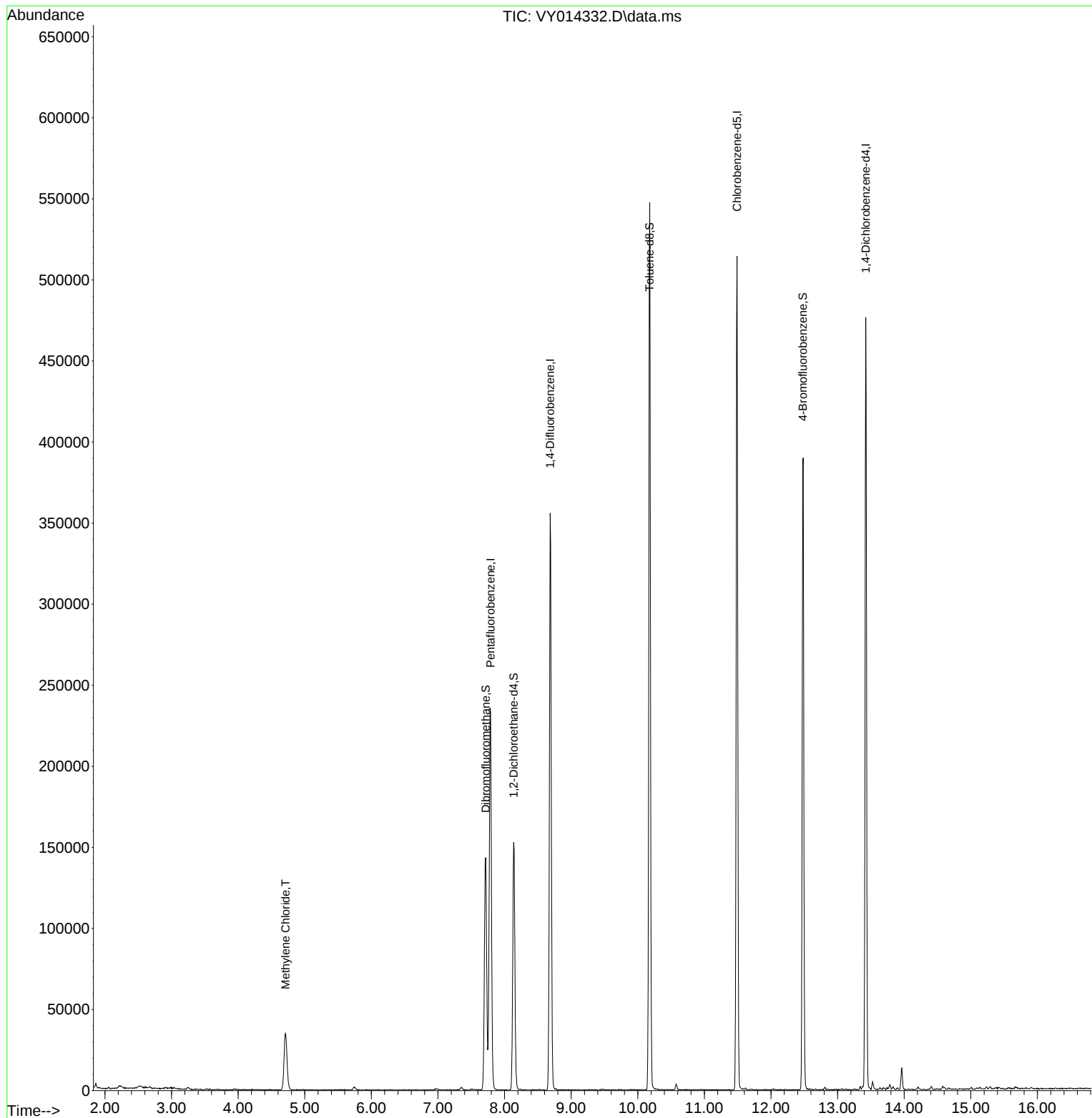
Internal Standards						
1) Pentafluorobenzene	7.789	168	184714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	129500	50.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.700%
35) Dibromofluoromethane	7.716	113	98276	47.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.179	98	353998	45.460	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.477	95	111289	40.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.460%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	26147	7.517	ug/l	95

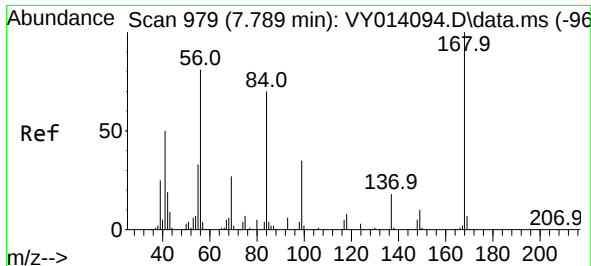
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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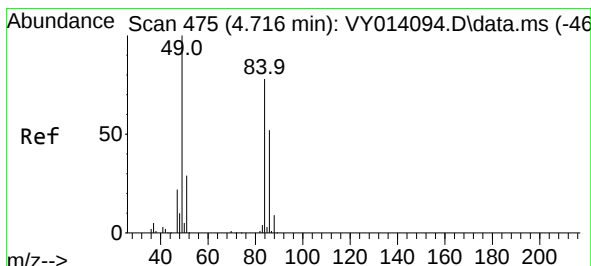
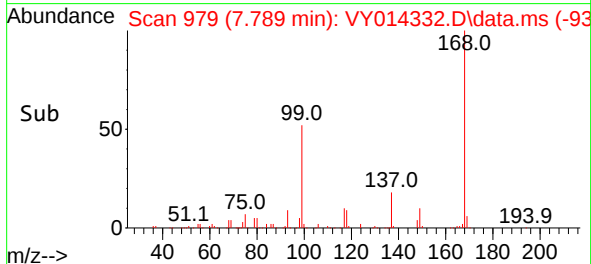
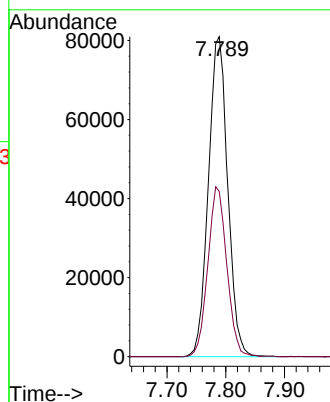
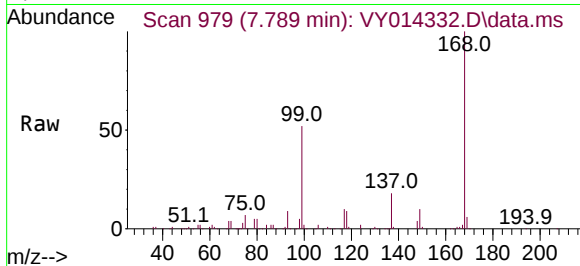




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

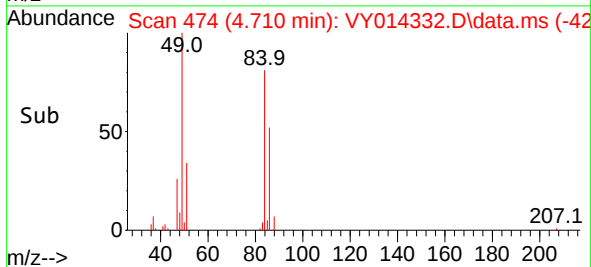
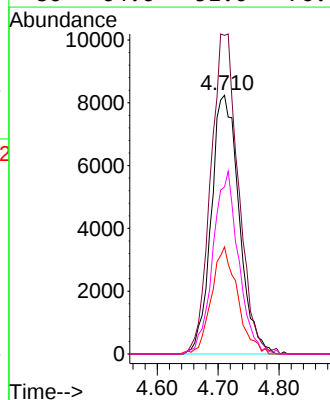
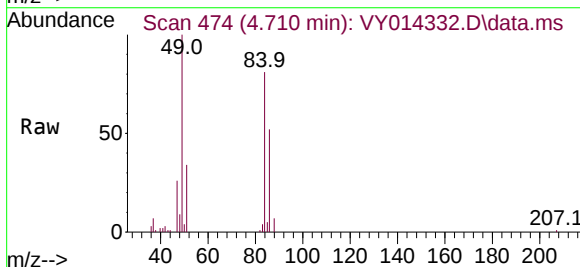
Instrument :
MSVOA_Y
ClientSampleId :
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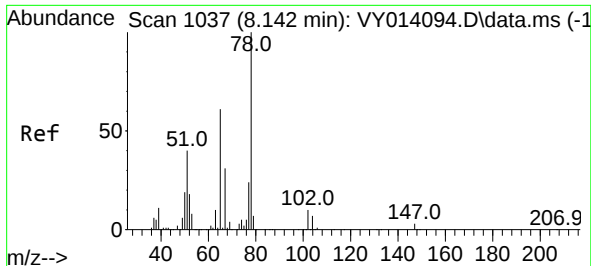
Tgt Ion:168 Resp: 184714
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#20
Methylene Chloride
Concen: 7.517 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 84 Resp: 26147
Ion Ratio Lower Upper
84 100
49 123.1 106.9 160.3
51 41.3 33.2 49.8
86 64.6 51.0 76.6

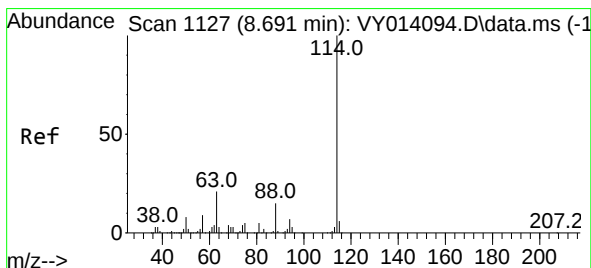
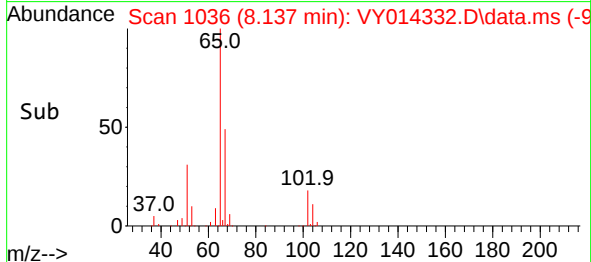
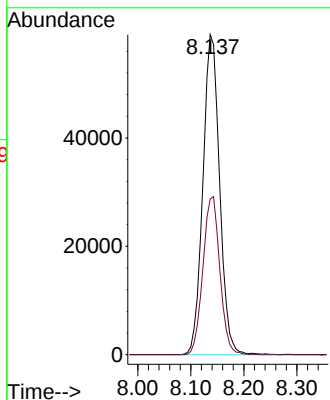
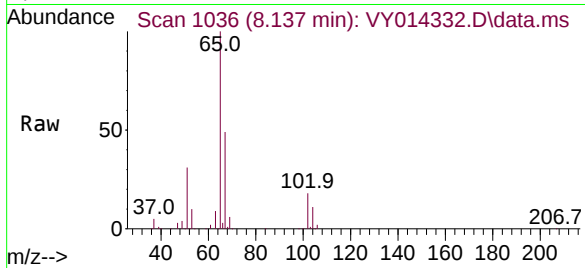




#33
1,2-Dichloroethane-d4
Concen: 50.347 ug/l
RT: 8.137 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

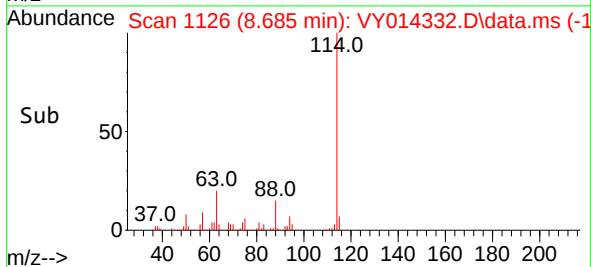
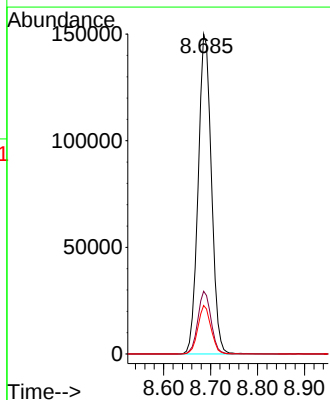
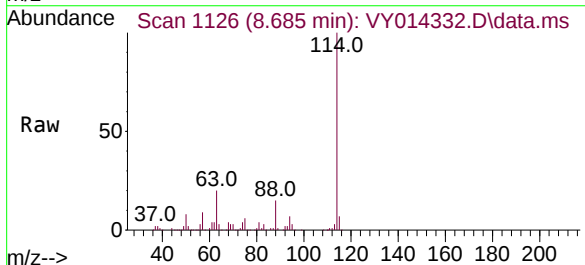
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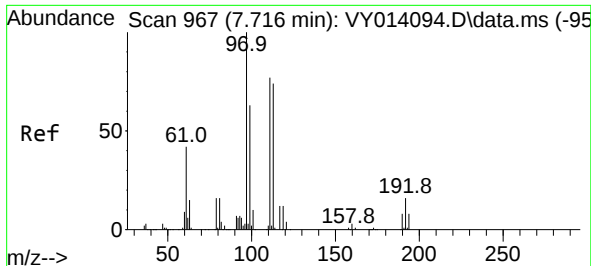
Tgt Ion: 65 Resp: 129500
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 114 Resp: 293705
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 15.1 0.0 30.6

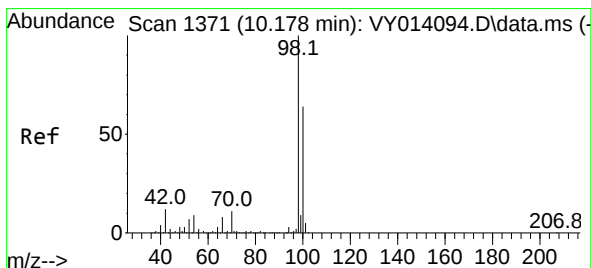
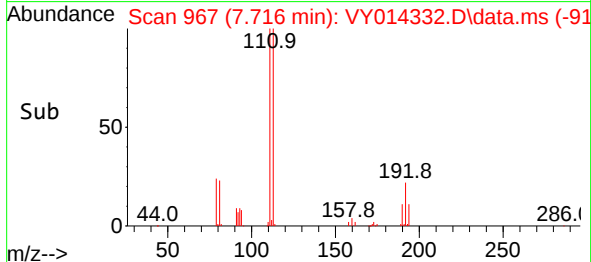
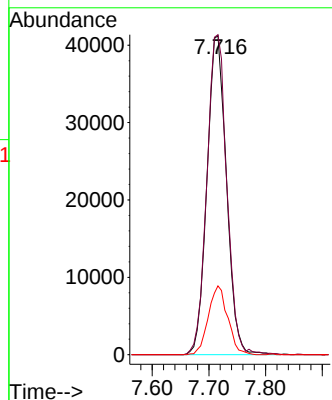
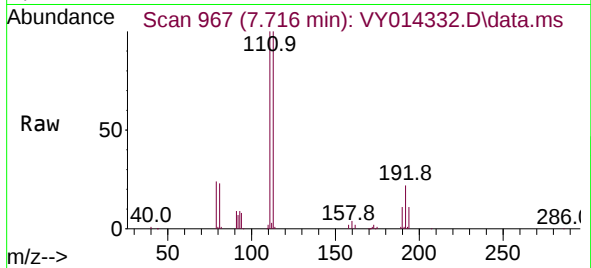




#35
Dibromofluoromethane
Concen: 47.183 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

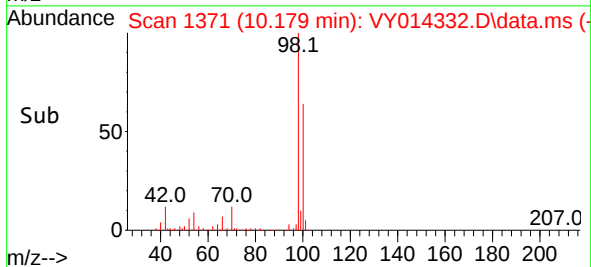
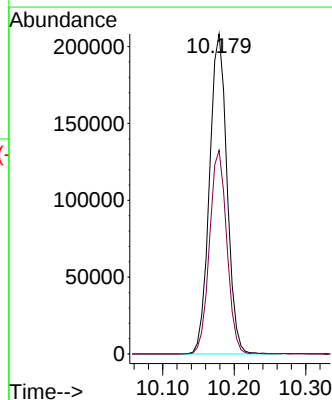
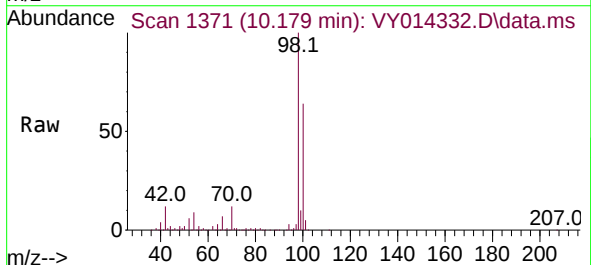
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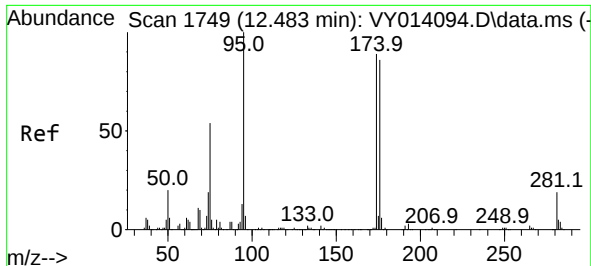
Tgt Ion:113 Resp: 98276
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 21.4 16.9 25.3



#50
Toluene-d8
Concen: 45.460 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 98 Resp: 353998
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1

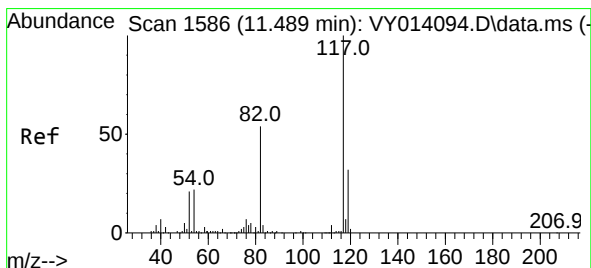
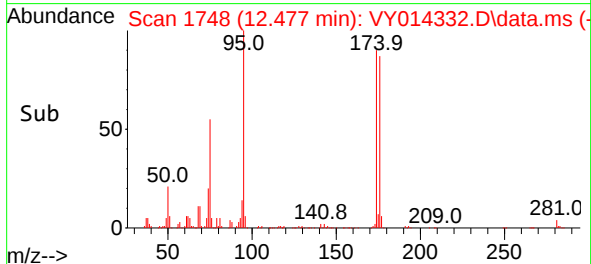
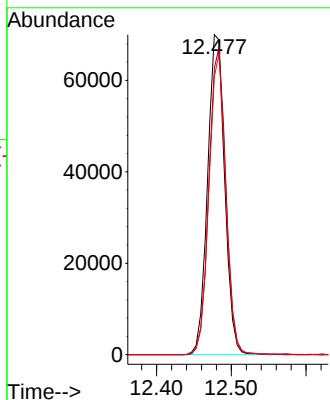
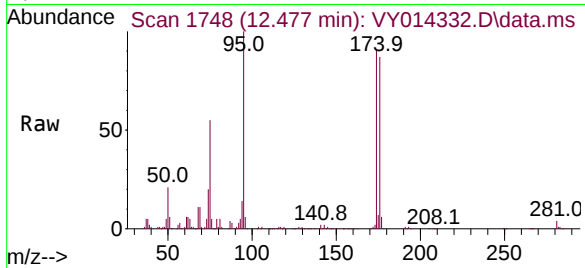




#62
4-Bromofluorobenzene
Concen: 40.232 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

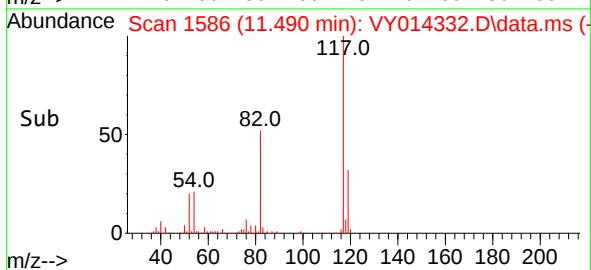
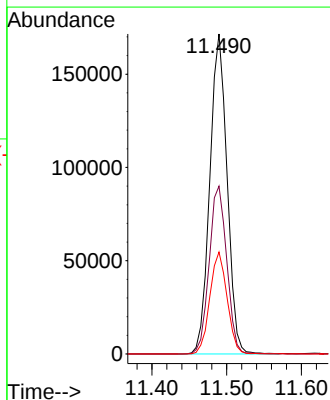
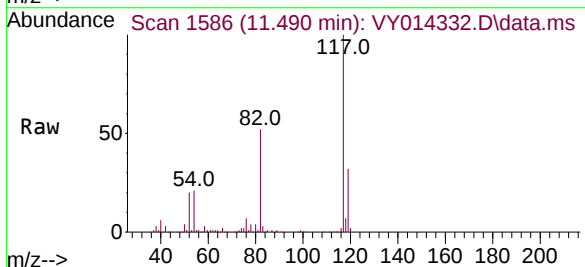
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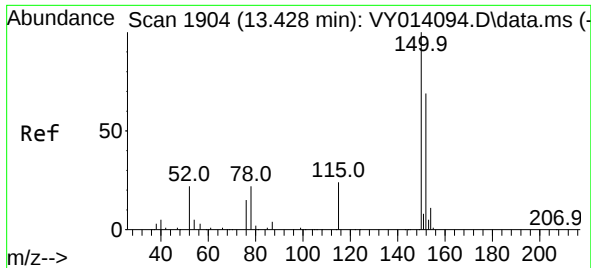
Tgt Ion: 95 Resp: 111289
Ion Ratio Lower Upper
95 100
174 94.9 0.0 178.2
176 92.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 117 Resp: 275917
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 31.8 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: VY014332.D
 Acq: 21 Jun 2023 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 123998
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.8 86.5
 150 158.2 0.0 348.8

