

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014950.D
 Acq On : 03 Aug 2023 15:52
 Operator : SY/MD
 Sample : 03877-07RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3RE

Quant Time: Aug 04 04:32:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

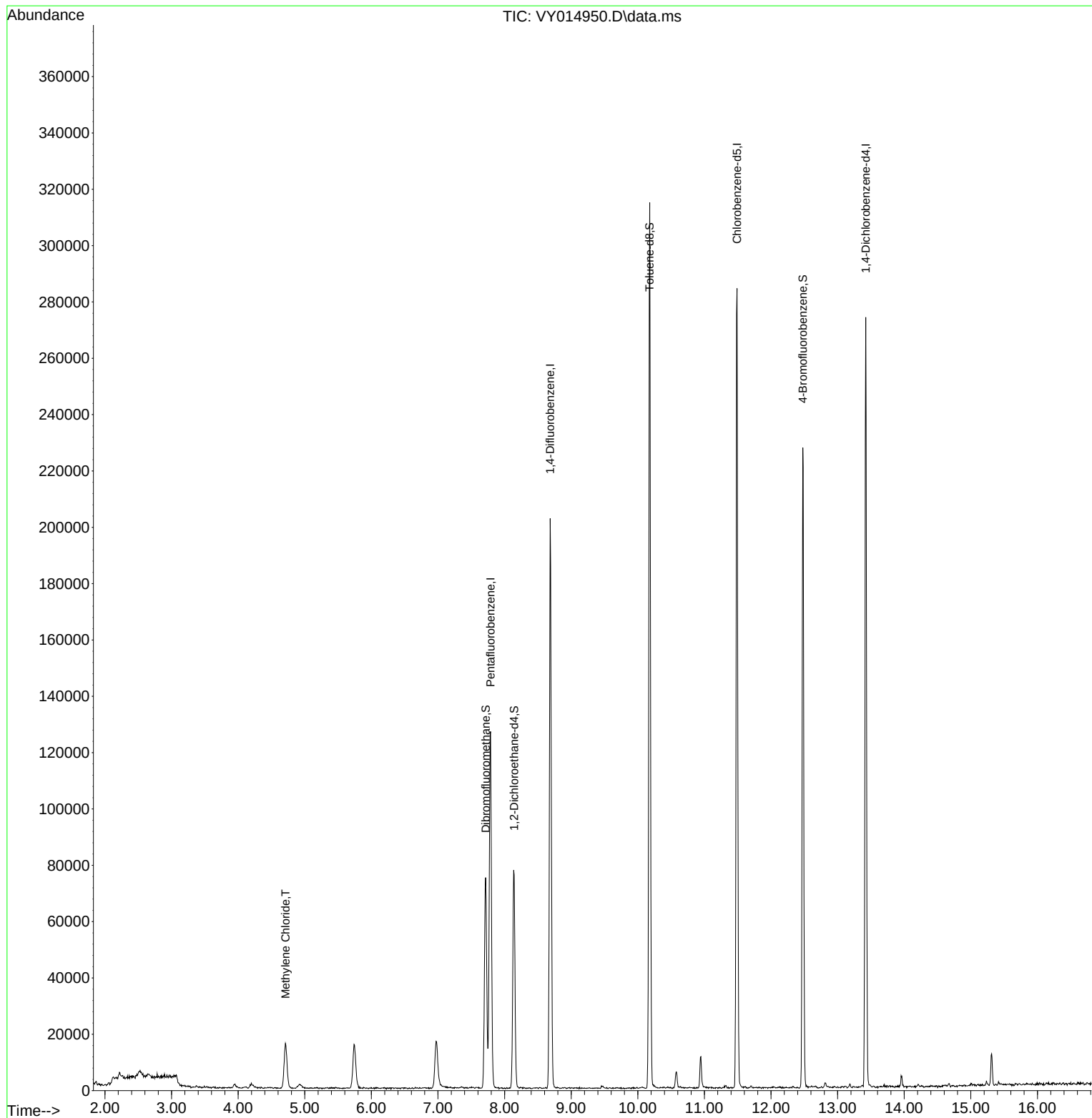
Internal Standards						
1) Pentafluorobenzene	7.789	168	98564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	170141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	156156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60971	54.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.716	113	52810	48.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.520%	
50) Toluene-d8	10.179	98	202737	50.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.477	95	69070	45.111	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.220%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	12479	7.176	ug/l	88

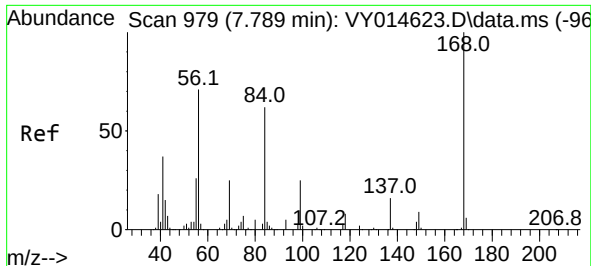
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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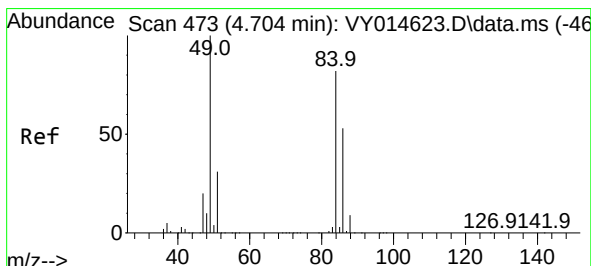
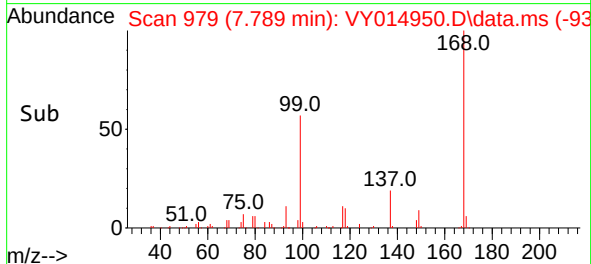
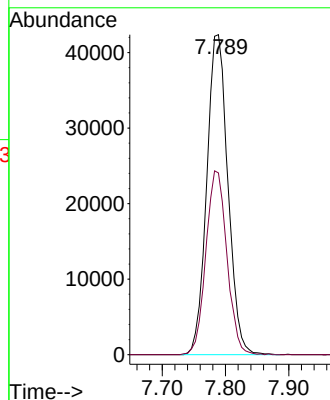
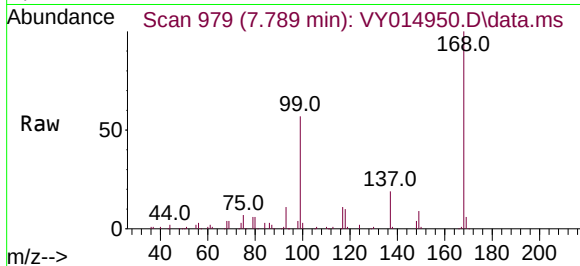




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

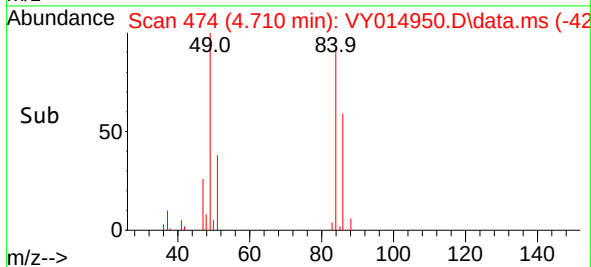
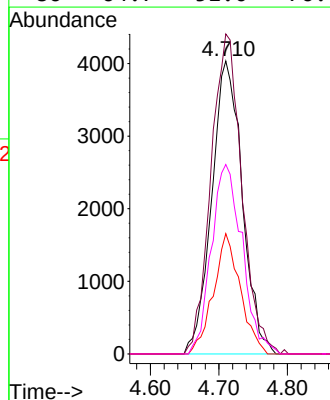
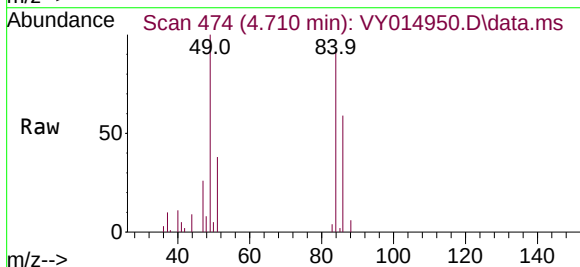
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3RE

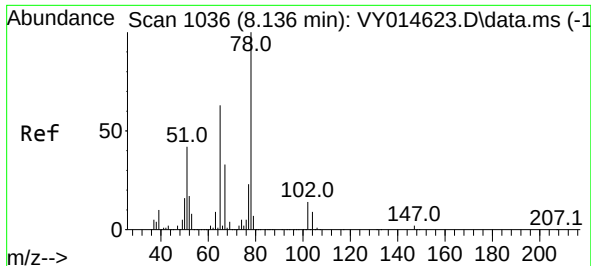
Tgt Ion:168 Resp: 98564
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#20
Methylene Chloride
Concen: 7.176 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

Tgt Ion: 84 Resp: 12479
Ion Ratio Lower Upper
84 100
49 109.2 106.9 160.3
51 41.1 33.2 49.8
86 64.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.284 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014950.D

Acq: 03 Aug 2023 15:52

Instrument :

MSVOA_Y

ClientSampleId :

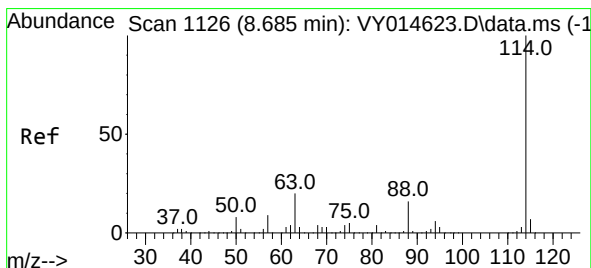
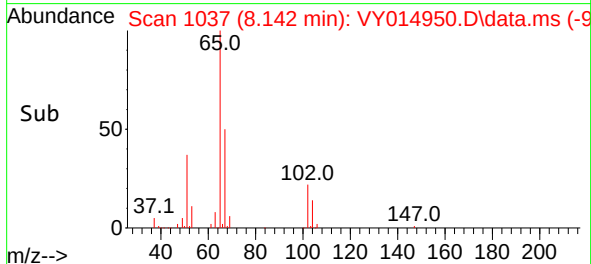
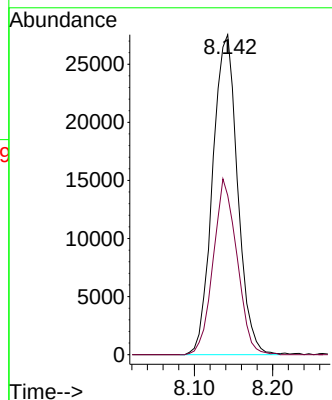
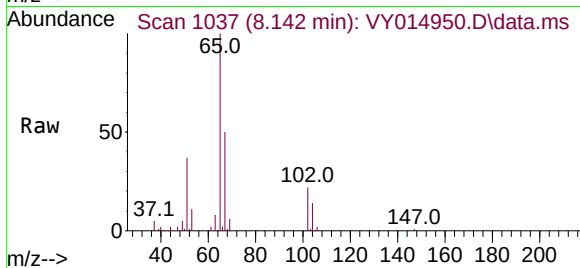
COMP-3RE

Tgt Ion: 65 Resp: 60971

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014950.D

Acq: 03 Aug 2023 15:52

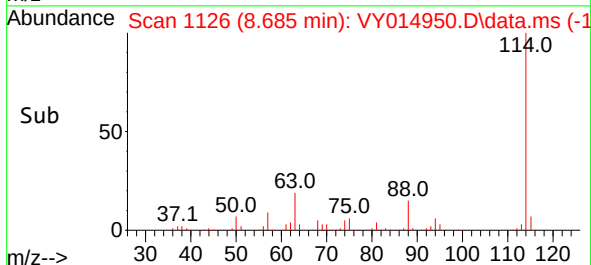
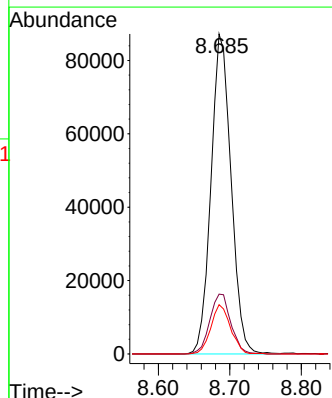
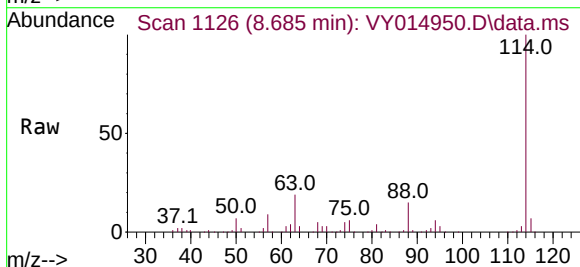
Tgt Ion: 114 Resp: 170141

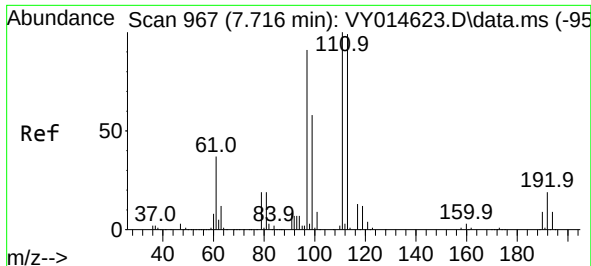
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.4 0.0 30.6

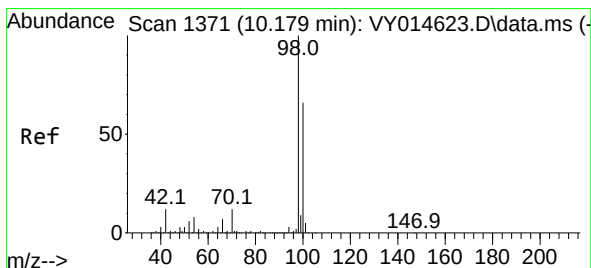
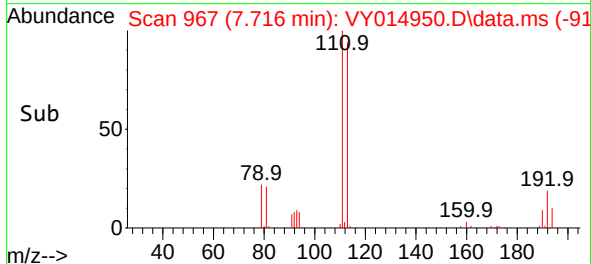
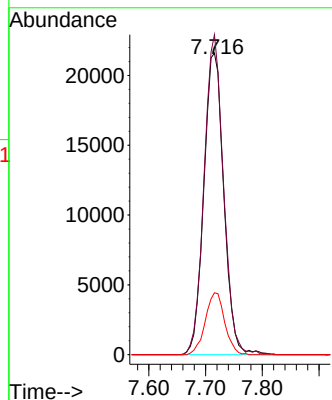
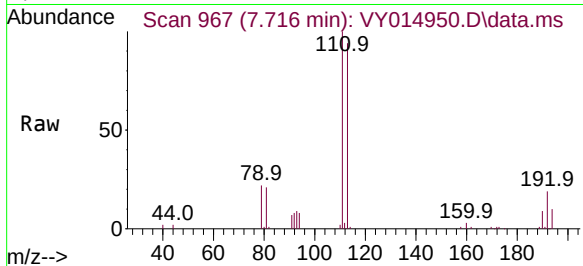




#35
Dibromofluoromethane
Concen: 48.759 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

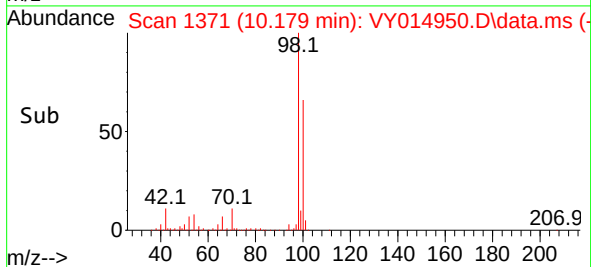
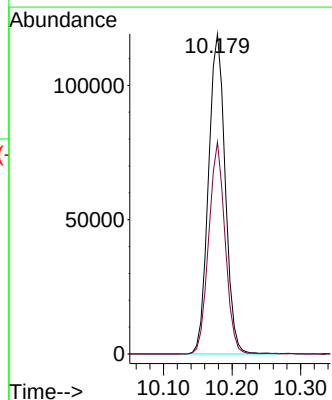
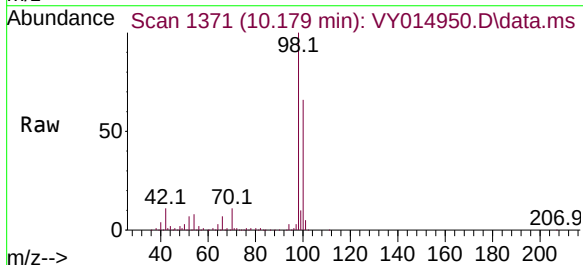
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3RE

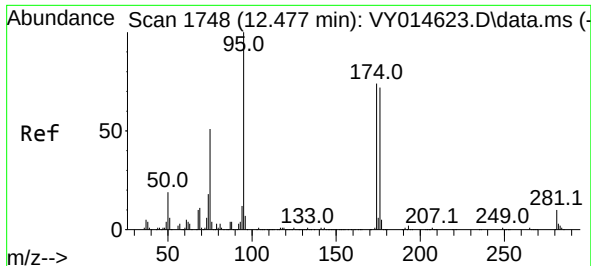
Tgt Ion:113 Resp: 52810
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 50.772 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

Tgt Ion: 98 Resp: 202737
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

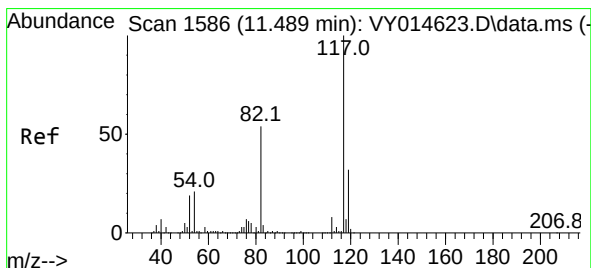
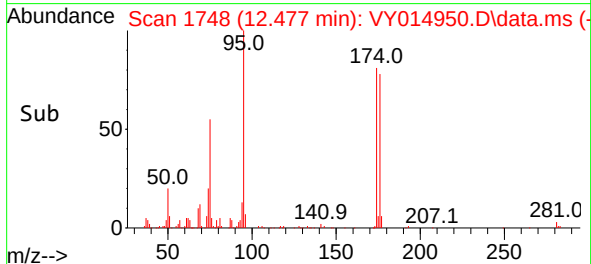
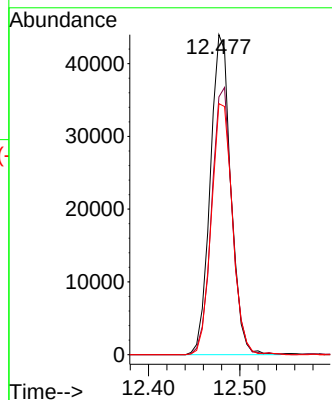
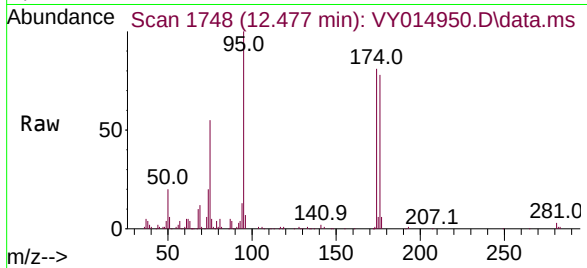




#62
4-Bromofluorobenzene
Concen: 45.111 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

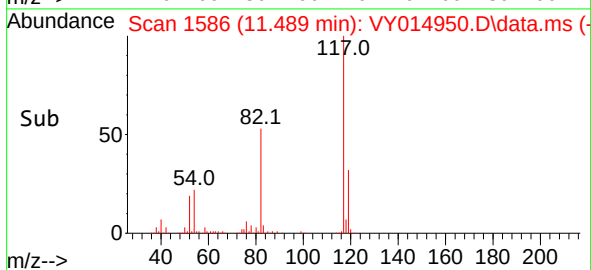
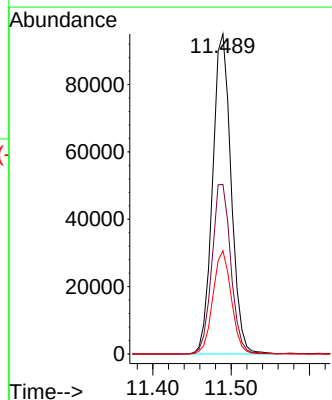
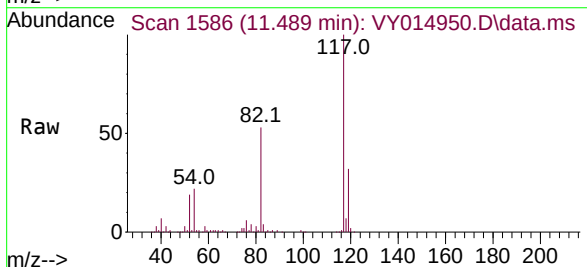
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3RE

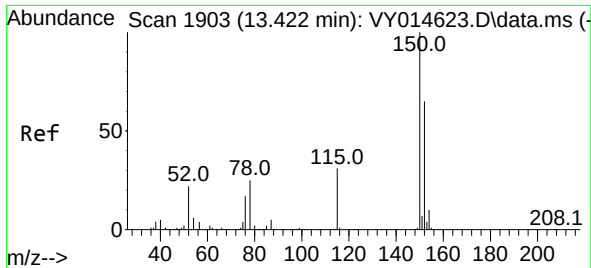
Tgt Ion: 95 Resp: 69070
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 80.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

Tgt Ion: 117 Resp: 156156
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014950.D

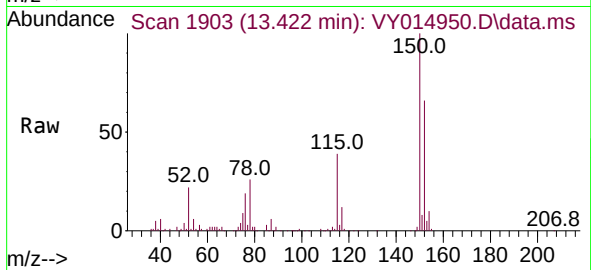
Acq: 03 Aug 2023 15:52

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3RE



Tgt Ion:152 Resp: 70495

Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.5

150 155.0 0.0 348.8

