

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014550.D
 Acq On : 03 Jul 2023 21:05
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 04 03:07:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

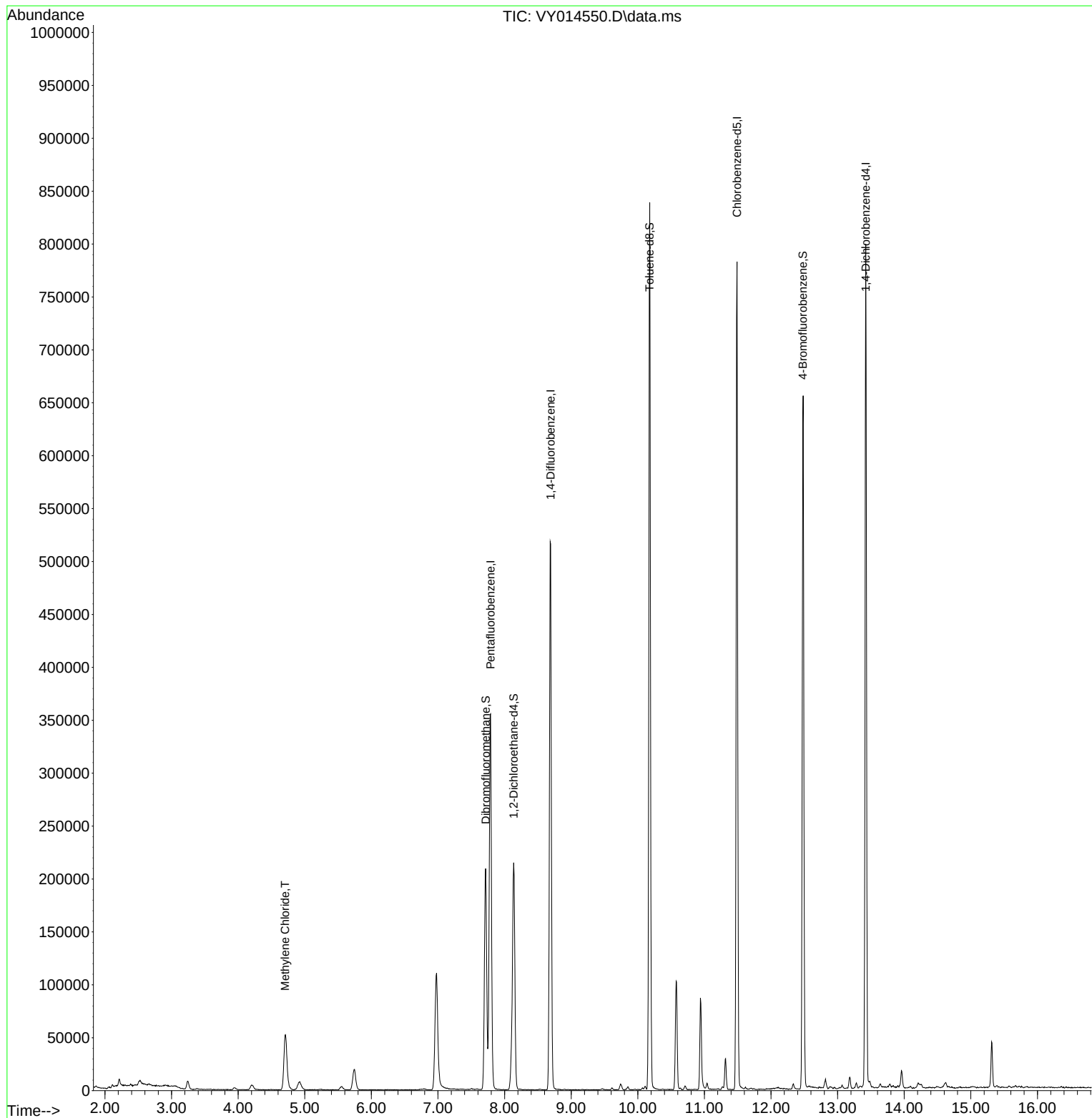
Internal Standards						
1) Pentafluorobenzene	7.789	168	310038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	481197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	460018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159481	51.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.420%	
35) Dibromofluoromethane	7.716	113	151670	51.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.179	98	569319	48.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	12.477	95	189350	46.551	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.100%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	44359	8.453	ug/l	# 85

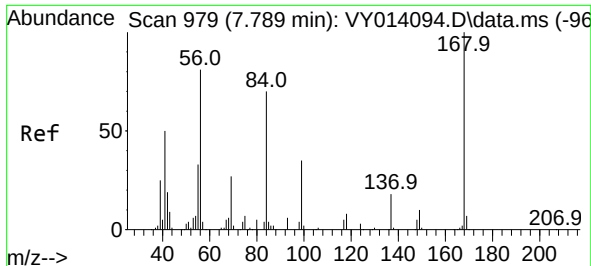
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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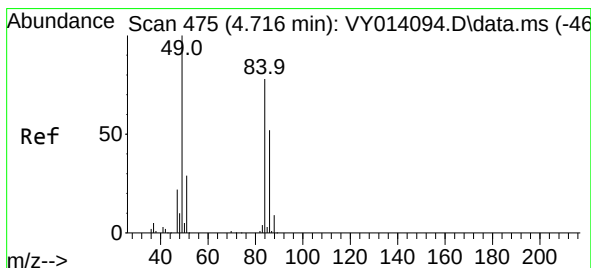
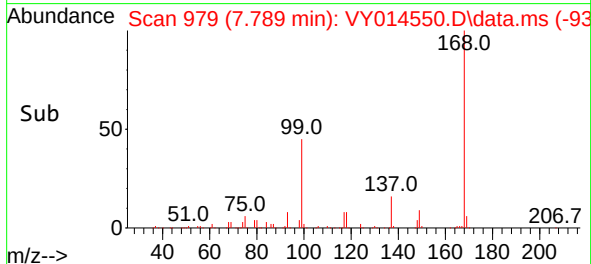
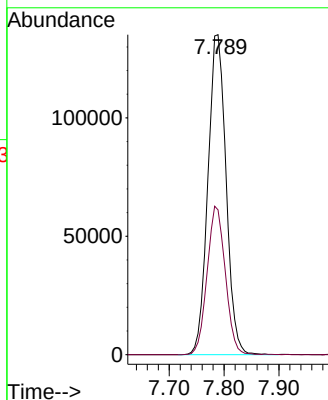
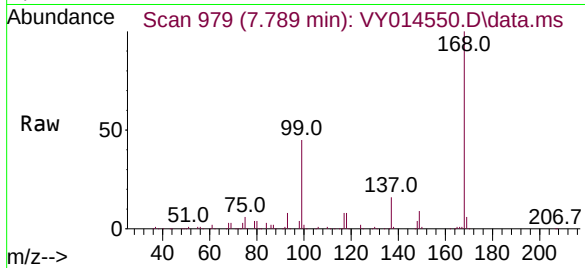




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

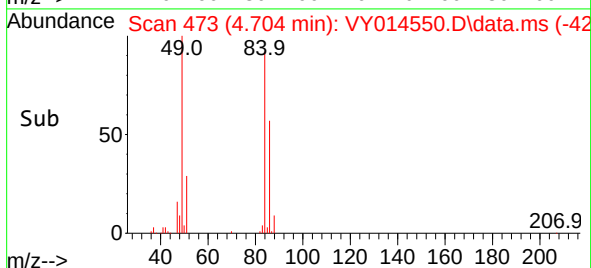
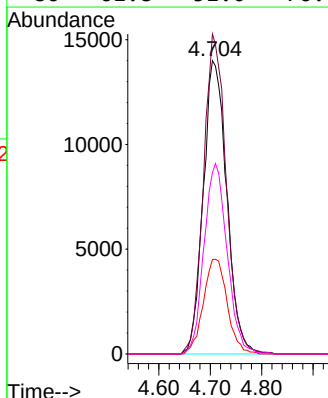
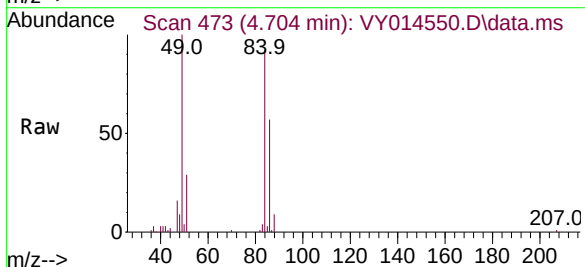
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

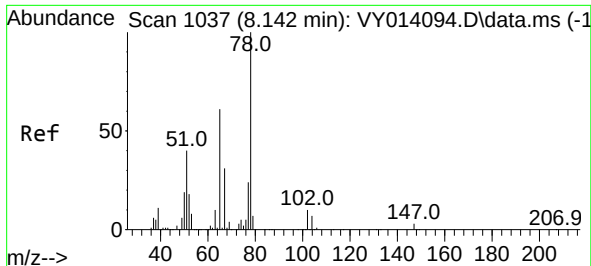
Tgt Ion:168 Resp: 310038
Ion Ratio Lower Upper
168 100
99 45.2 43.4 65.0



#20
Methylene Chloride
Concen: 8.453 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Tgt Ion: 84 Resp: 44359
Ion Ratio Lower Upper
84 100
49 109.1 106.9 160.3
51 32.2 33.2 49.8#
86 61.8 51.0 76.6

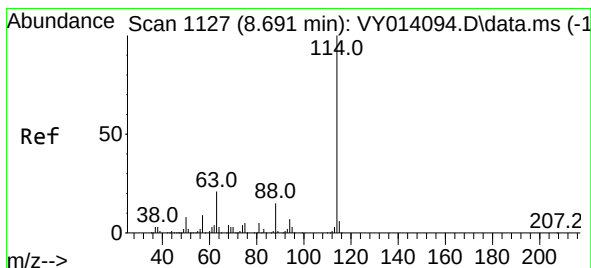
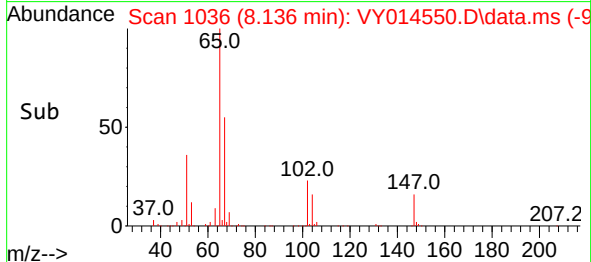
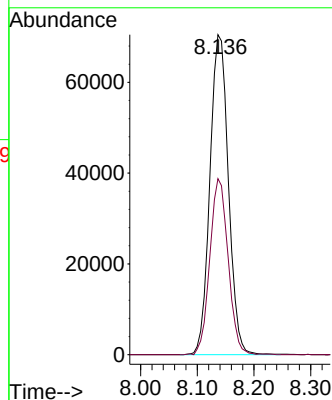
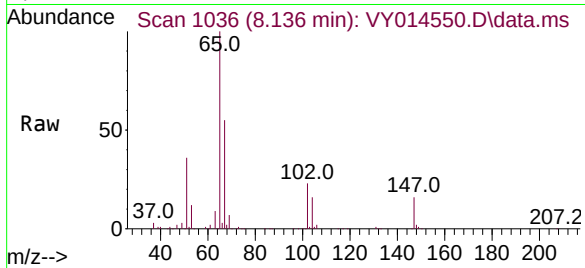




#33
 1,2-Dichloroethane-d4
 Concen: 51.709 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY014550.D
 Acq: 03 Jul 2023 21:05

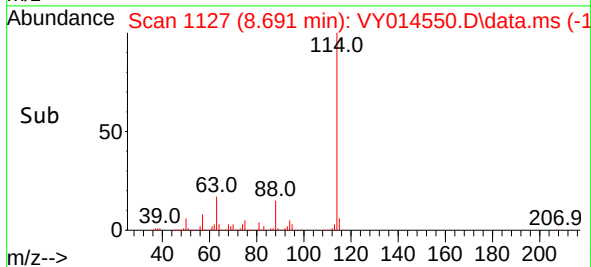
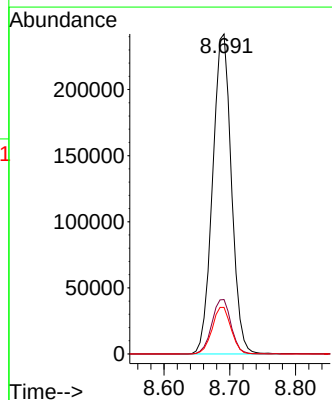
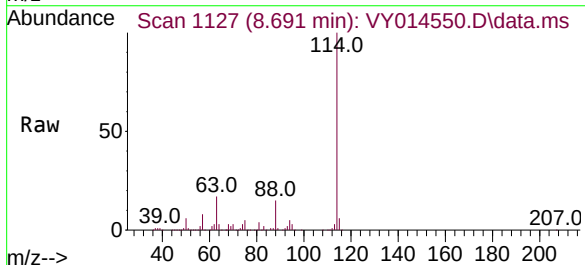
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

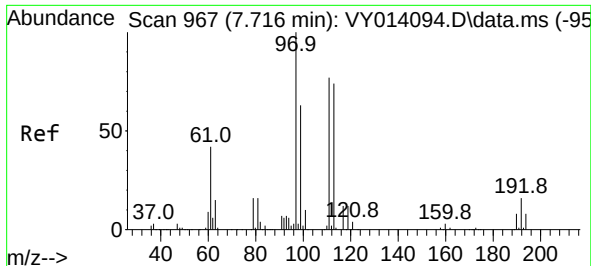
Tgt Ion: 65 Resp: 159481
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014550.D
 Acq: 03 Jul 2023 21:05

Tgt Ion: 114 Resp: 481197
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 42.4
 88 14.6 0.0 30.6

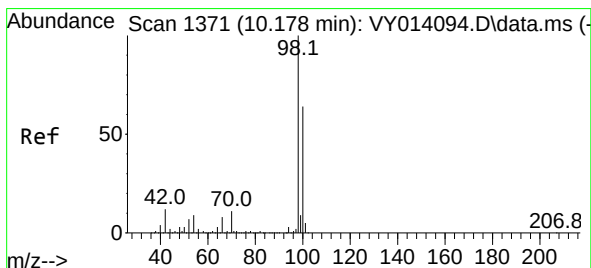
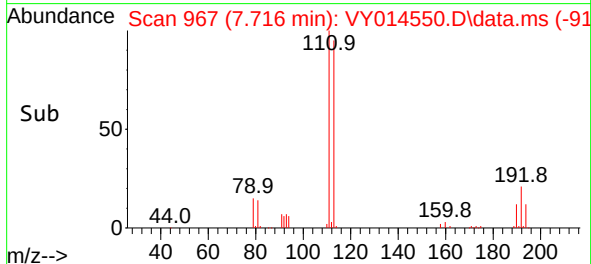
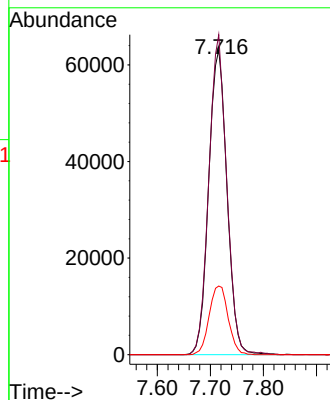
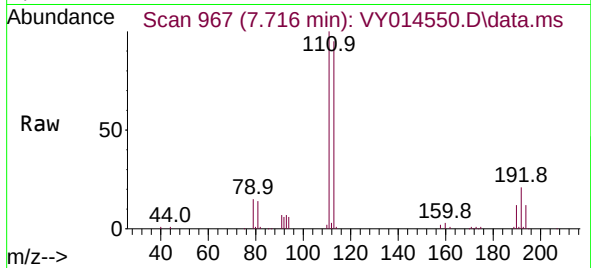




#35
Dibromofluoromethane
Concen: 51.184 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

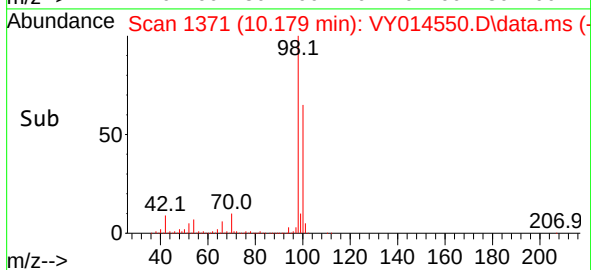
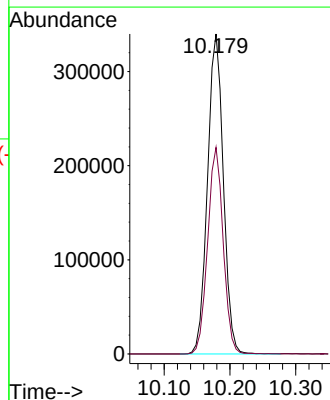
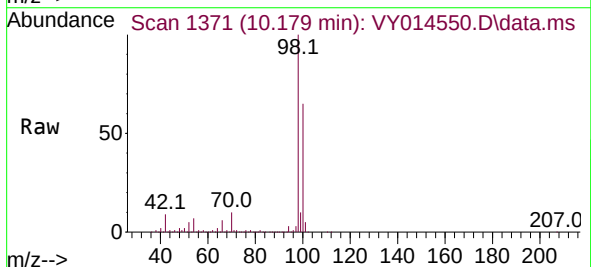
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

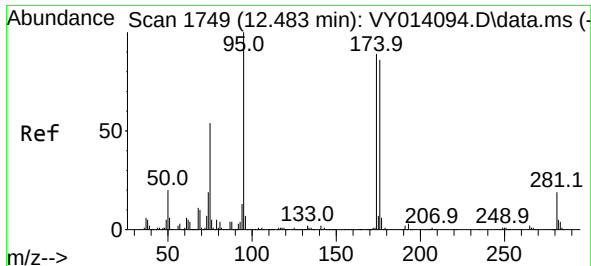
Tgt Ion:113 Resp: 151670
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 23.3 16.9 25.3



#50
Toluene-d8
Concen: 48.601 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Tgt Ion: 98 Resp: 569319
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1

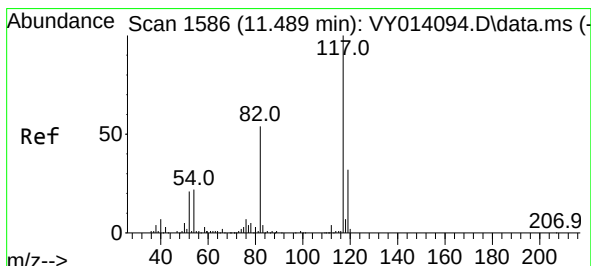
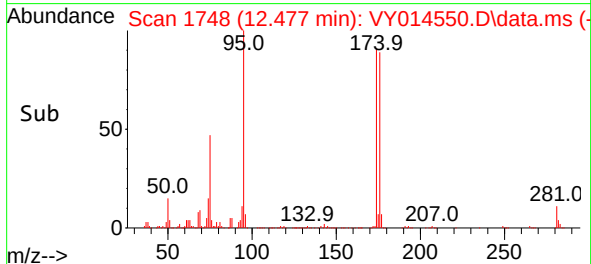
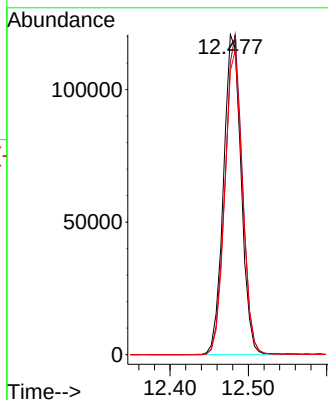
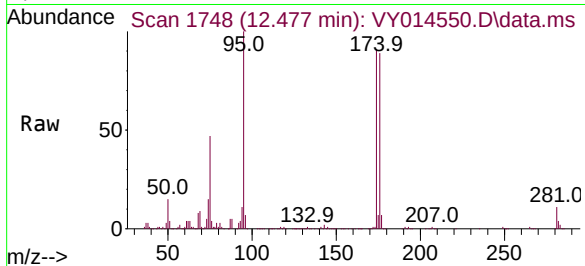




#62
4-Bromofluorobenzene
Concen: 46.551 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

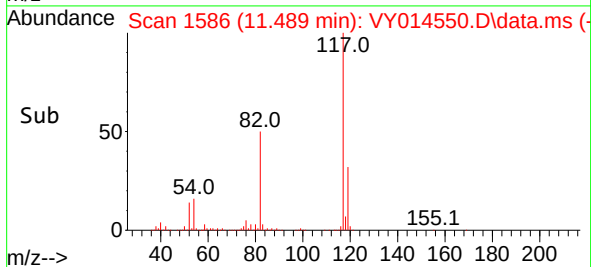
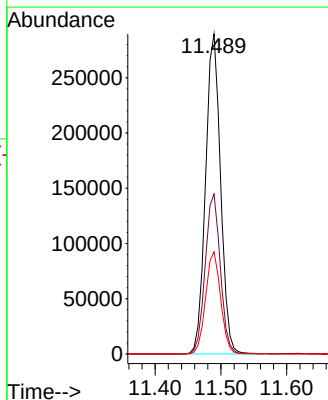
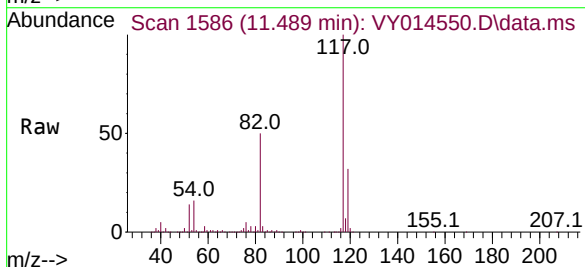
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

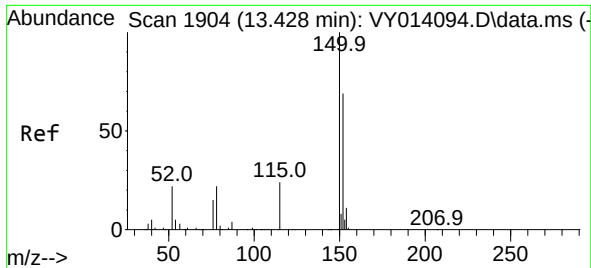
Tgt Ion: 95 Resp: 189350
Ion Ratio Lower Upper
95 100
174 97.9 0.0 178.2
176 94.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Tgt Ion: 117 Resp: 460018
Ion Ratio Lower Upper
117 100
82 50.0 43.4 65.0
119 31.9 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: VY014550.D
 Acq: 03 Jul 2023 21:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:152 Resp: 222153

Ion	Ratio	Lower	Upper
152	100		
115	54.0	28.8	86.5
150	155.8	0.0	348.8

