

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014674.D
 Acq On : 17 Jul 2023 15:55
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 18 06:10:59 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)

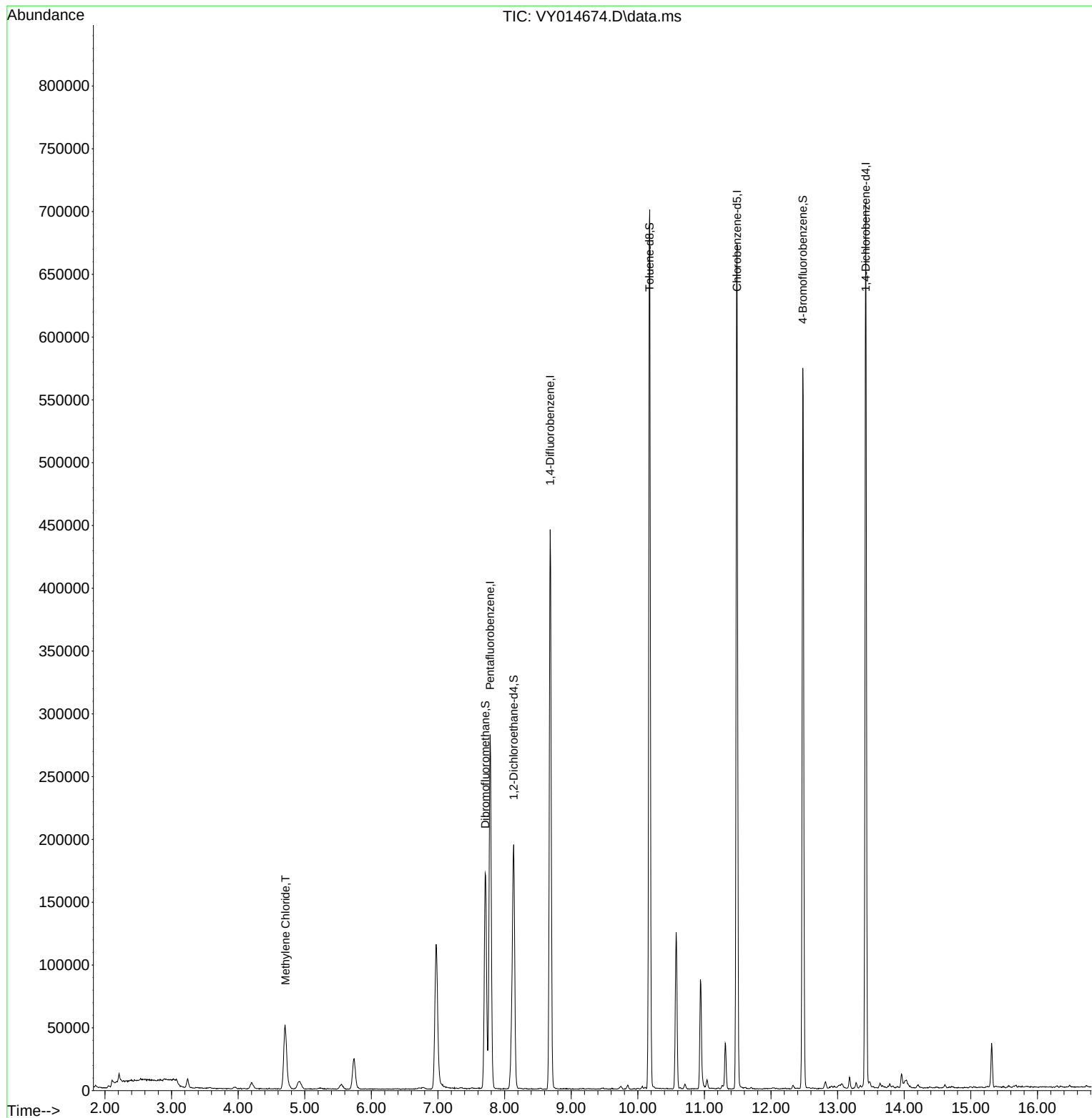
Internal Standards						
1) Pentafluorobenzene	7.783	168	219772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	393089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	366355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134614	53.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.500%
35) Dibromofluoromethane	7.710	113	124022	49.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.179	98	462726	50.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.477	95	174592	49.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.720%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	38339	11.630	ug/l	90

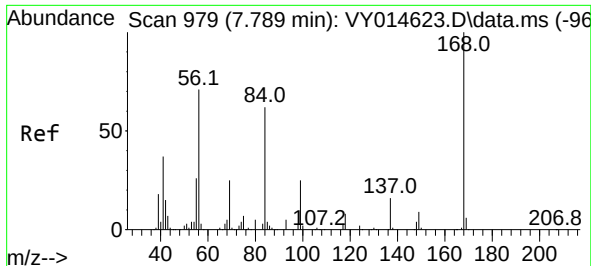
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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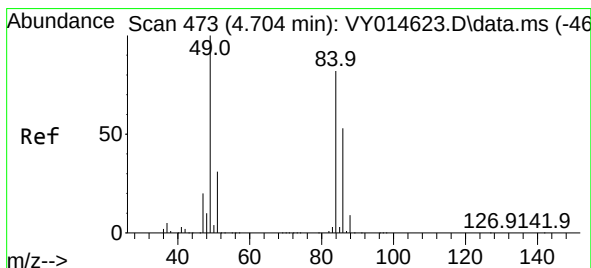
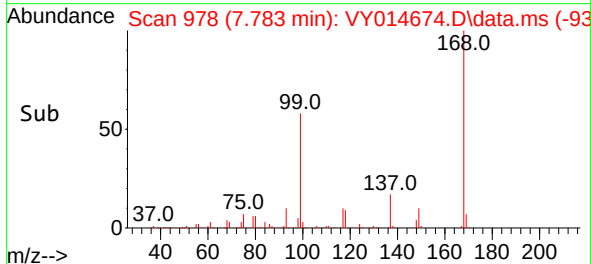
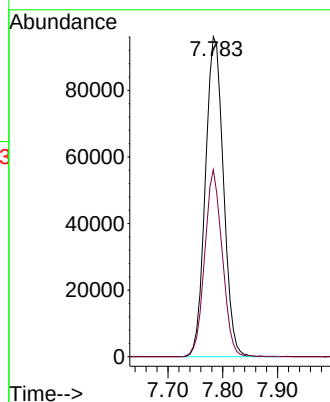
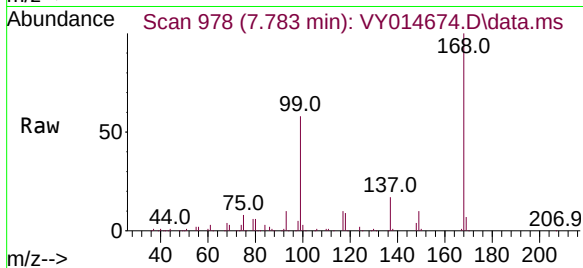




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014674.D
Acq: 17 Jul 2023 15:55

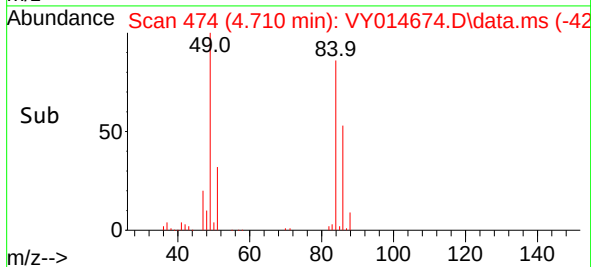
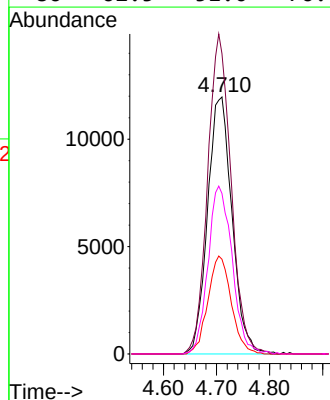
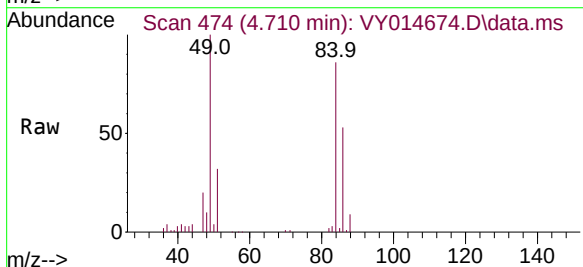
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

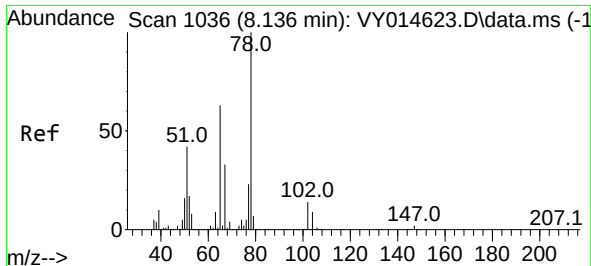
Tgt Ion:168 Resp: 219772
Ion Ratio Lower Upper
168 100
99 58.4 43.4 65.0



#20
Methylene Chloride
Concen: 11.630 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014674.D
Acq: 17 Jul 2023 15:55

Tgt Ion: 84 Resp: 38339
Ion Ratio Lower Upper
84 100
49 116.9 106.9 160.3
51 36.8 33.2 49.8
86 62.5 51.0 76.6

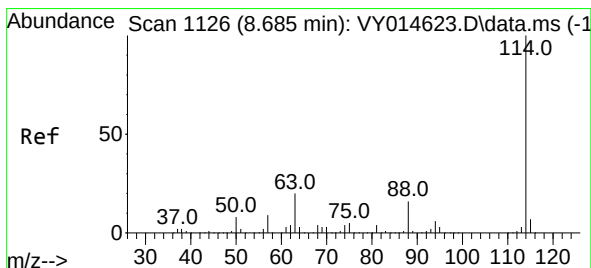
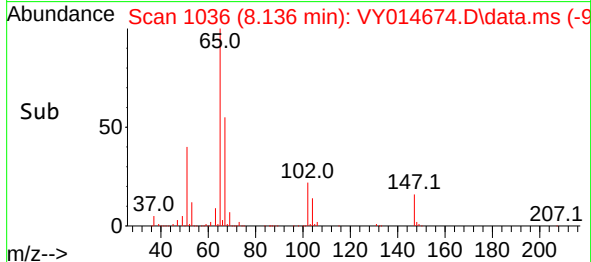
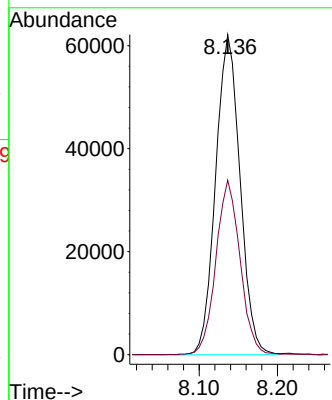
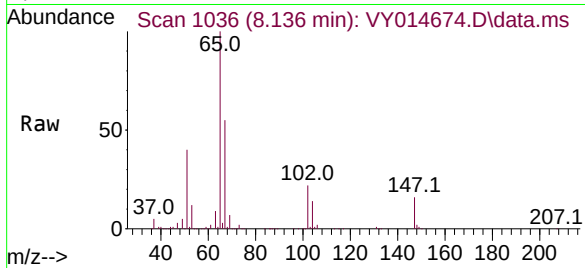




#33
 1,2-Dichloroethane-d4
 Concen: 53.751 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014674.D
 Acq: 17 Jul 2023 15:55

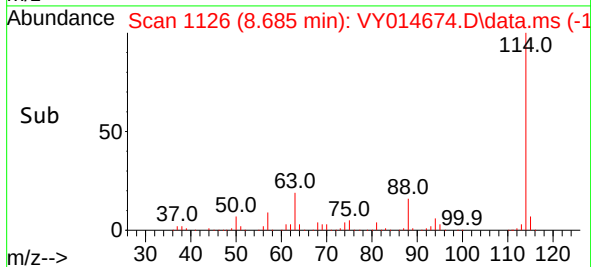
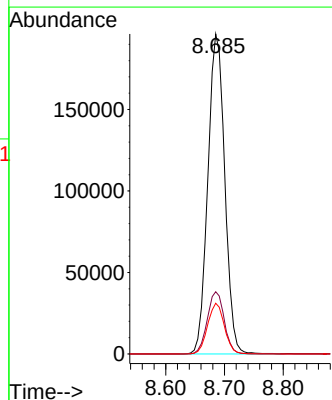
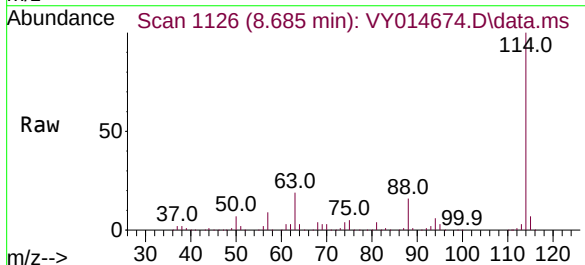
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

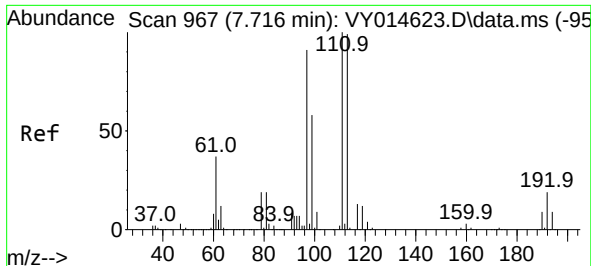
Tgt Ion: 65 Resp: 134614
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014674.D
 Acq: 17 Jul 2023 15:55

Tgt Ion: 114 Resp: 393089
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.9 0.0 30.6

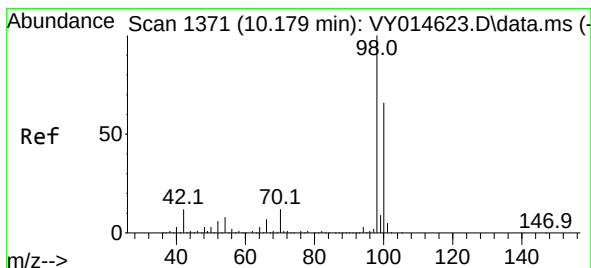
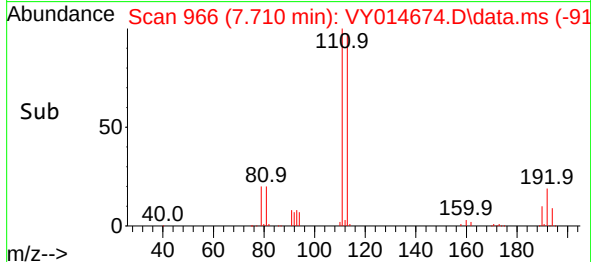
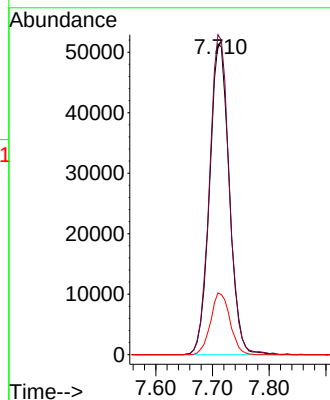
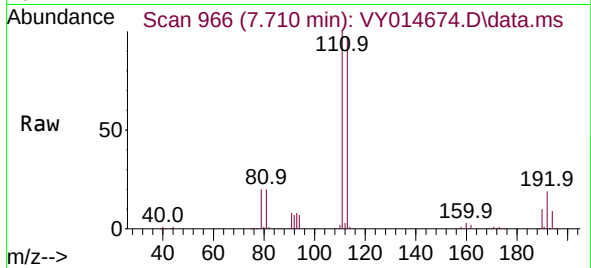




#35
Dibromofluoromethane
Concen: 49.563 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014674.D
Acq: 17 Jul 2023 15:55

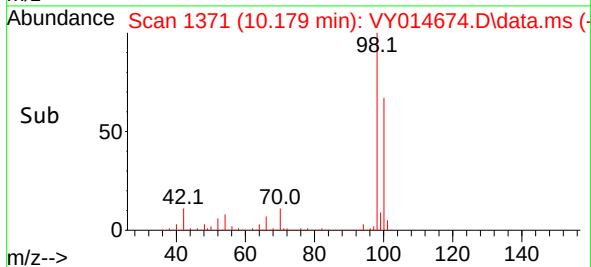
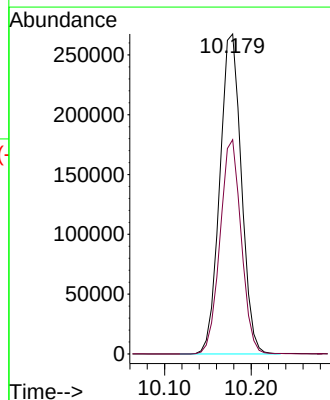
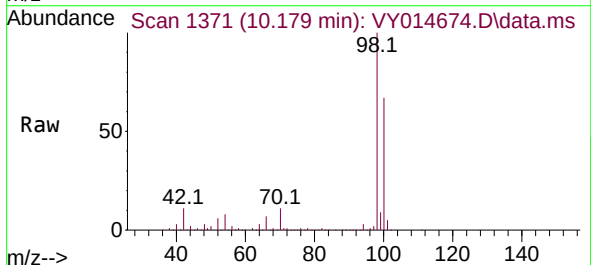
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

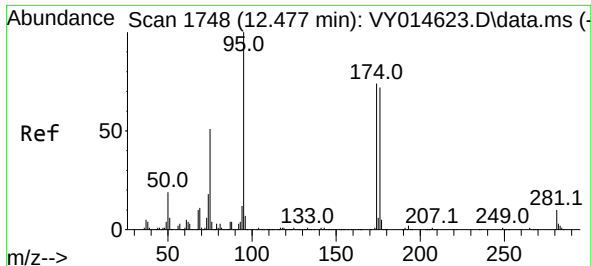
Tgt Ion:113 Resp: 124022
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 50.157 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014674.D
Acq: 17 Jul 2023 15:55

Tgt Ion: 98 Resp: 462726
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

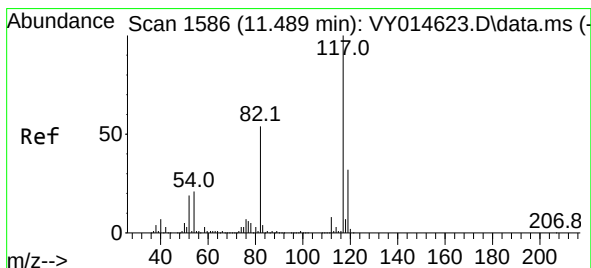
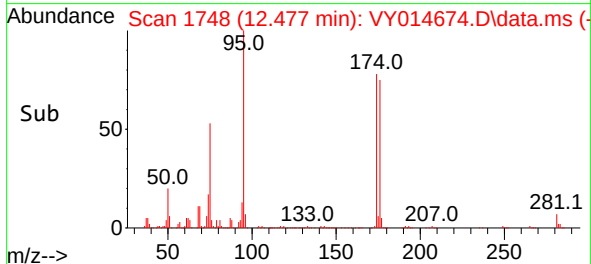
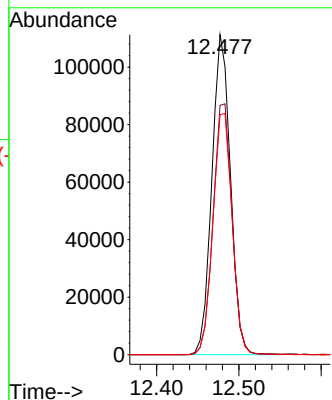
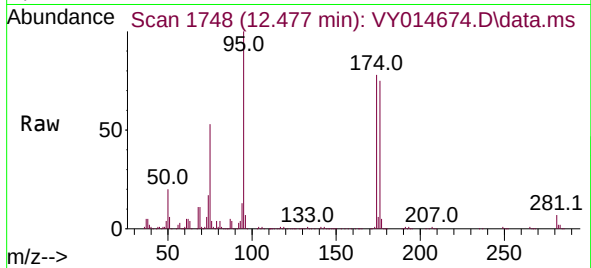




#62
4-Bromofluorobenzene
Concen: 49.356 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014674.D
Acq: 17 Jul 2023 15:55

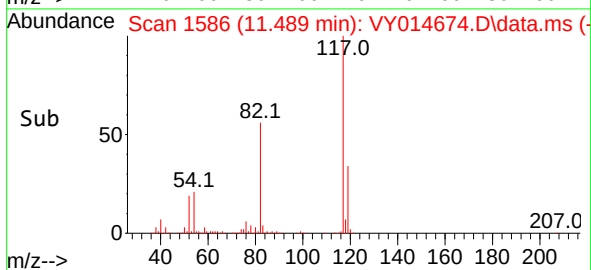
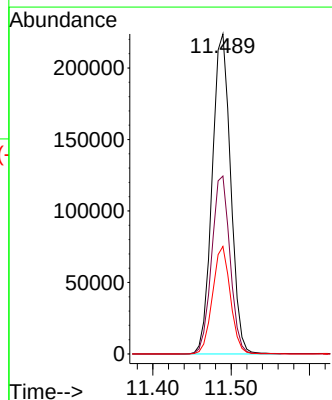
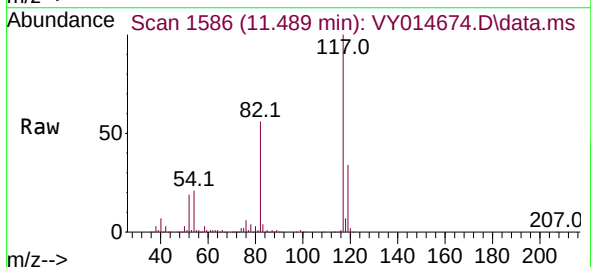
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

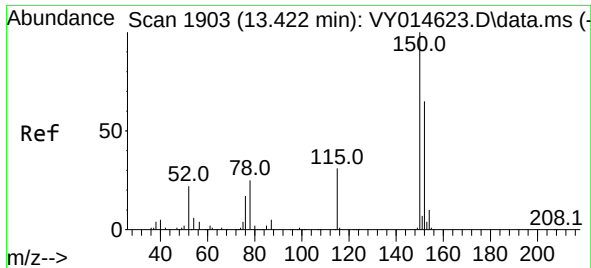
Tgt Ion: 95 Resp: 174592
Ion Ratio Lower Upper
95 100
174 80.0 0.0 178.2
176 78.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014674.D
Acq: 17 Jul 2023 15:55

Tgt Ion: 117 Resp: 366355
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 33.6 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: VY014674.D

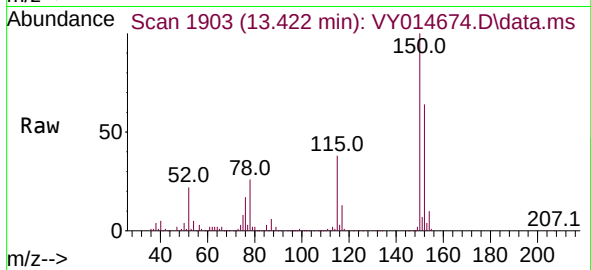
Acq: 17 Jul 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 175576

Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.5

150 156.5 0.0 348.8

