

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014697.D
 Acq On : 18 Jul 2023 13:22
 Operator : SY/MD
 Sample : 03646-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GATE-1

Quant Time: Jul 19 04:03:33 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)

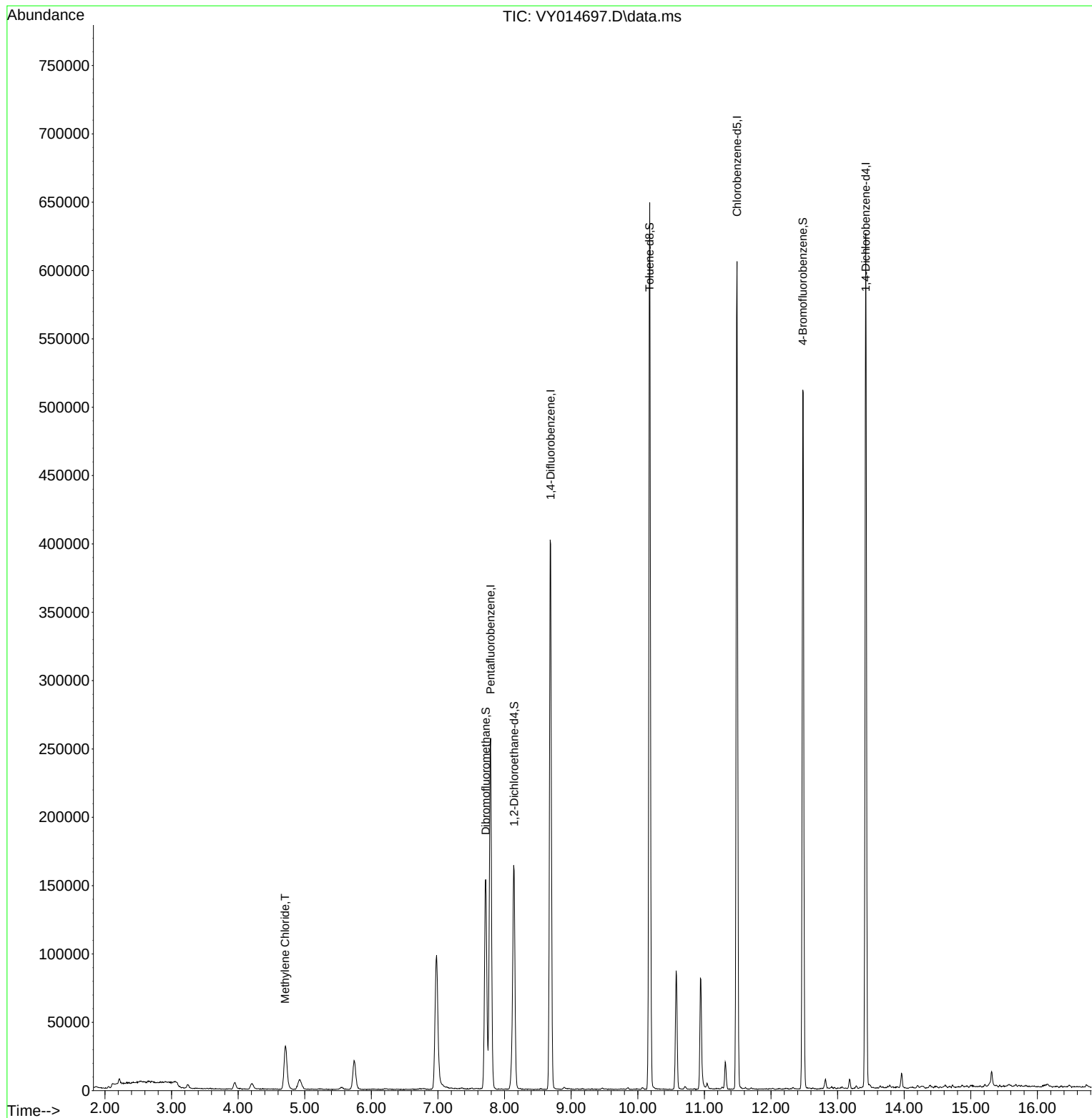
Internal Standards						
1) Pentafluorobenzene	7.789	168	203130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	352780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	121337	52.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.840%
35) Dibromofluoromethane	7.716	113	110834	49.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.179	98	415620	50.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.477	95	157279	49.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.080%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	24467	6.603	ug/l	88

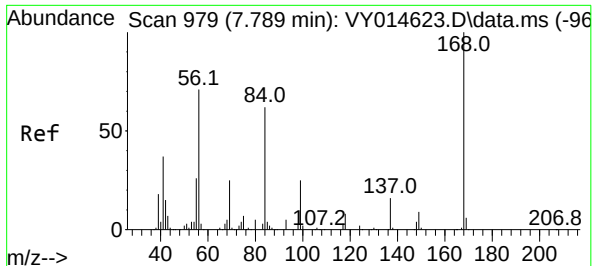
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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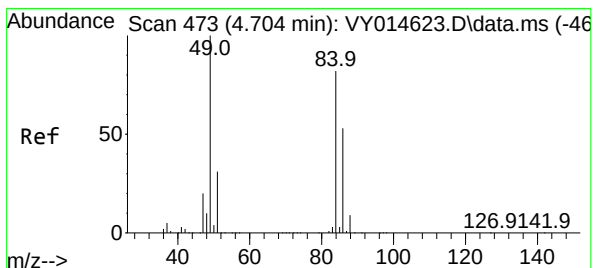
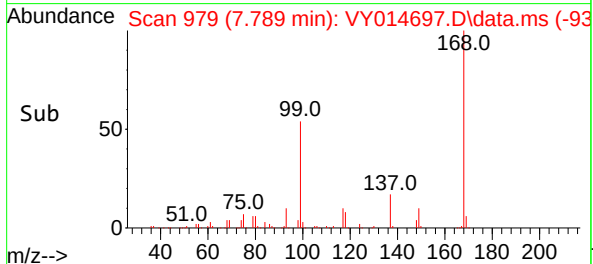
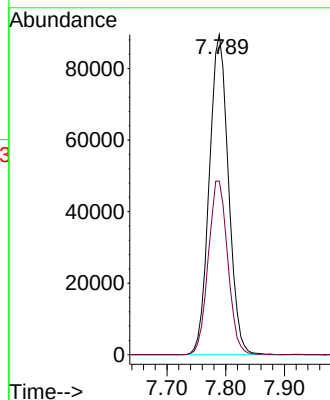
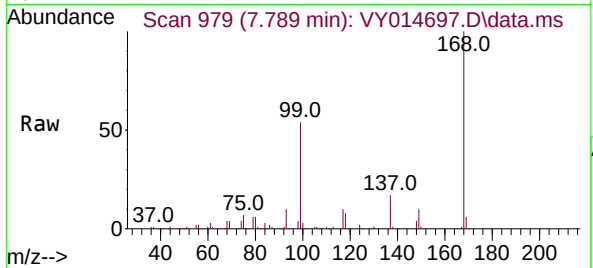




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

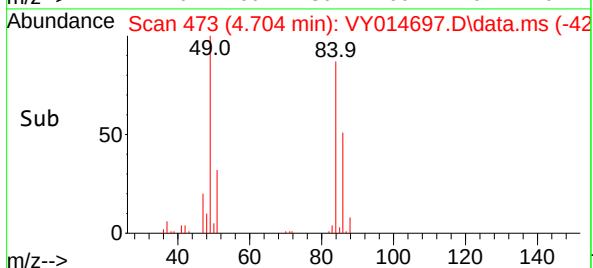
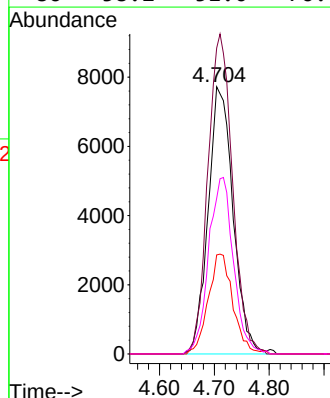
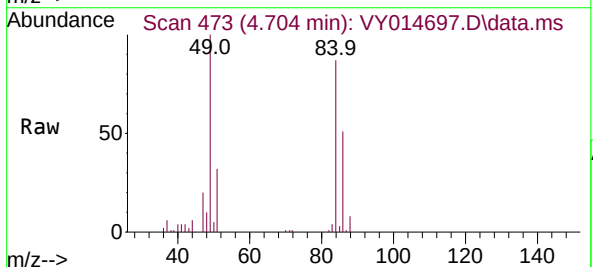
Instrument :
MSVOA_Y
ClientSampleId :
GATE-1

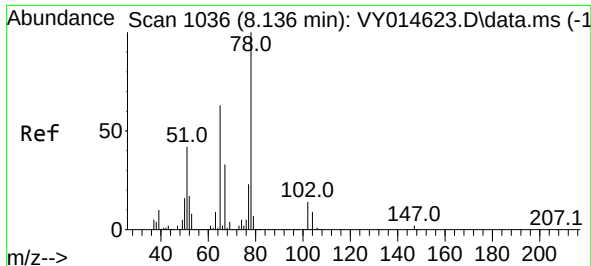
Tgt Ion:168 Resp: 203130
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#20
Methylene Chloride
Concen: 6.603 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

Tgt Ion: 84 Resp: 24467
Ion Ratio Lower Upper
84 100
49 114.5 106.9 160.3
51 37.1 33.2 49.8
86 58.2 51.0 76.6

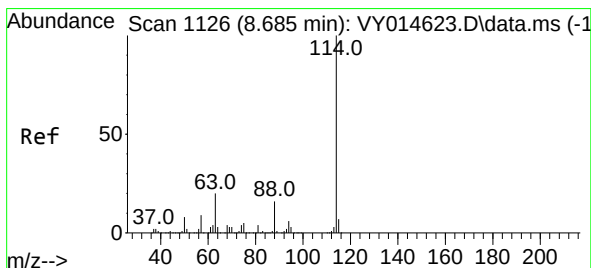
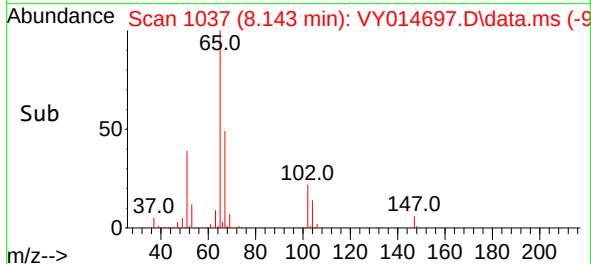
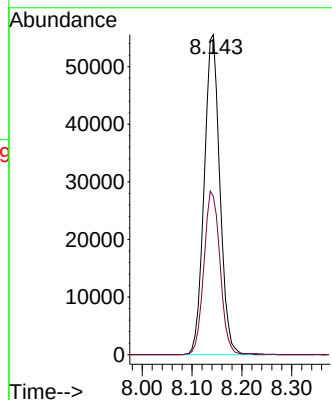
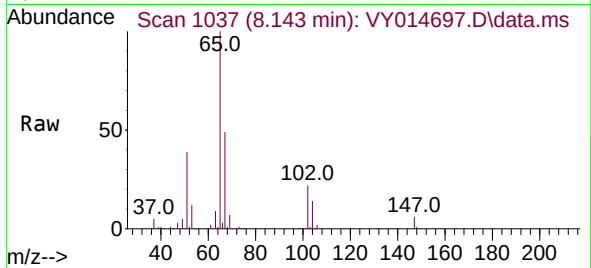




#33
 1,2-Dichloroethane-d4
 Concen: 52.419 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY014697.D
 Acq: 18 Jul 2023 13:22

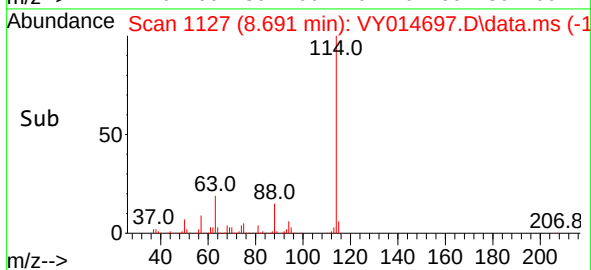
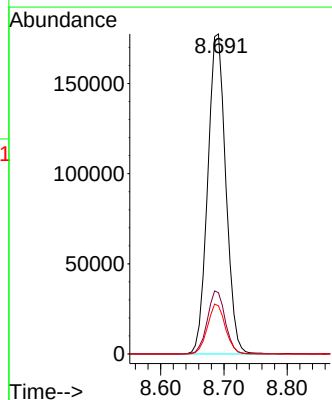
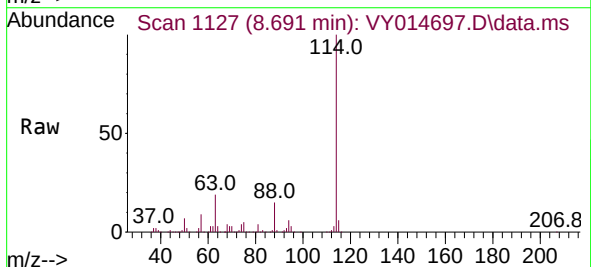
Instrument :
 MSVOA_Y
 ClientSampleId :
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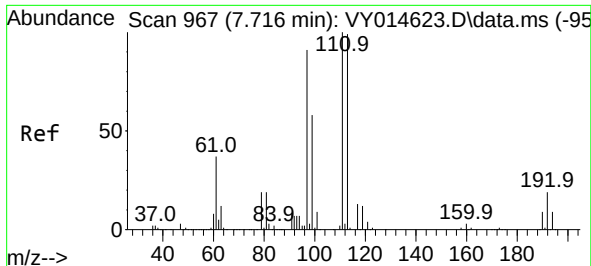
Tgt Ion: 65 Resp: 121337
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014697.D
 Acq: 18 Jul 2023 13:22

Tgt Ion:114 Resp: 352780
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 15.1 0.0 30.6

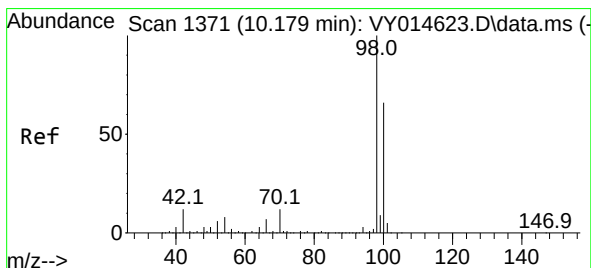
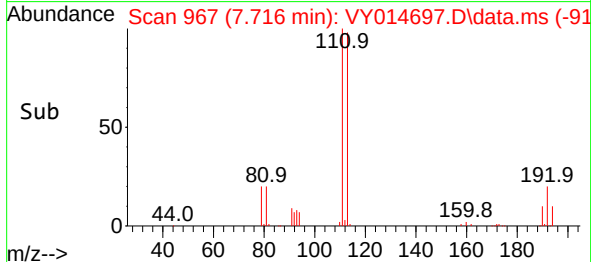
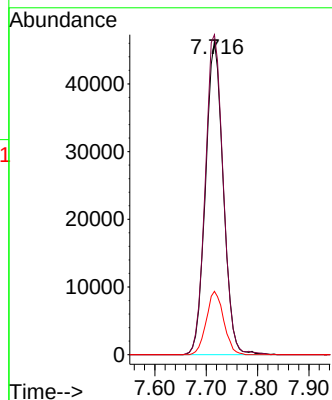
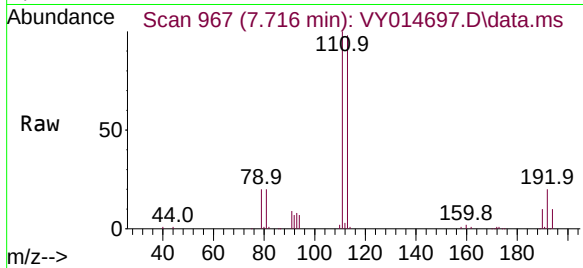




#35
 Dibromofluoromethane
 Concen: 49.354 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY014697.D
 Acq: 18 Jul 2023 13:22

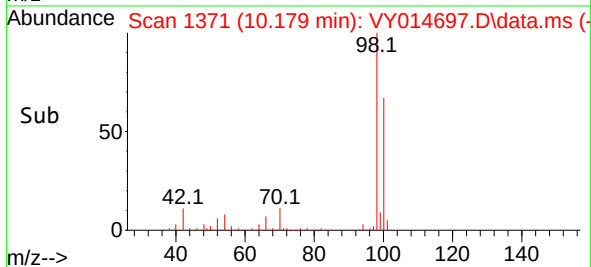
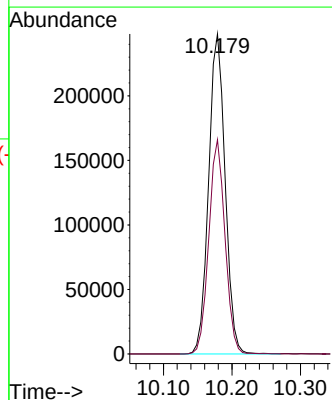
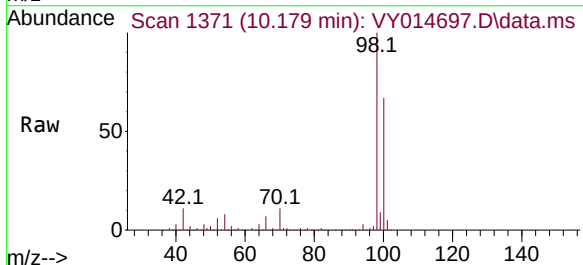
Instrument :
 MSVOA_Y
 ClientSampleId :
 GATE-1

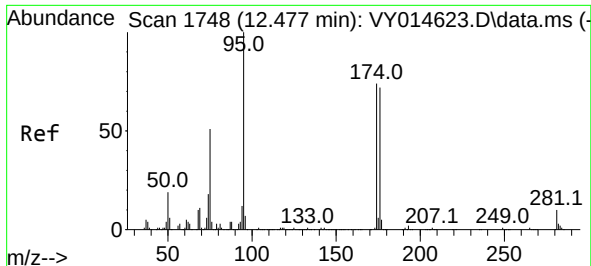
Tgt Ion:113 Resp: 110834
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 19.9 16.9 25.3



#50
 Toluene-d8
 Concen: 50.199 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY014697.D
 Acq: 18 Jul 2023 13:22

Tgt Ion: 98 Resp: 415620
 Ion Ratio Lower Upper
 98 100
 100 65.9 50.1 75.1

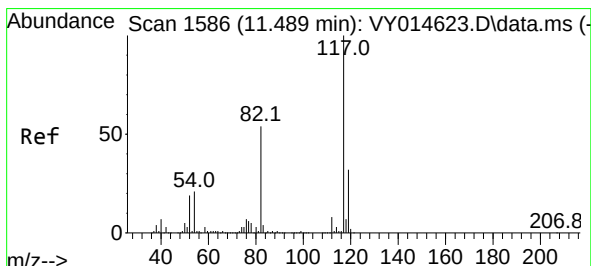
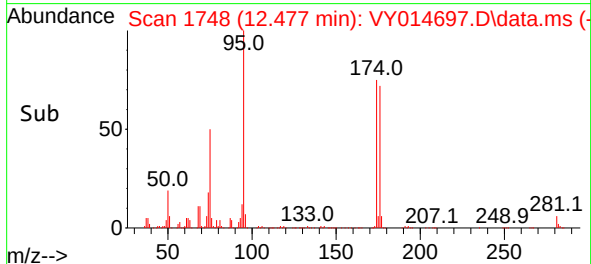
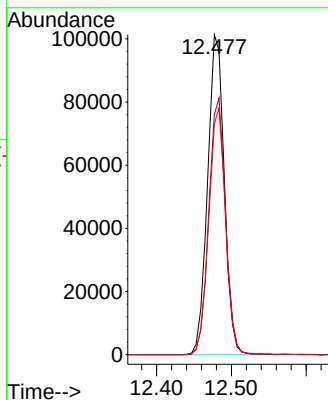
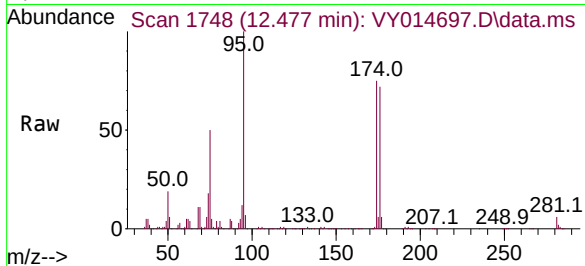




#62
4-Bromofluorobenzene
Concen: 49.542 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

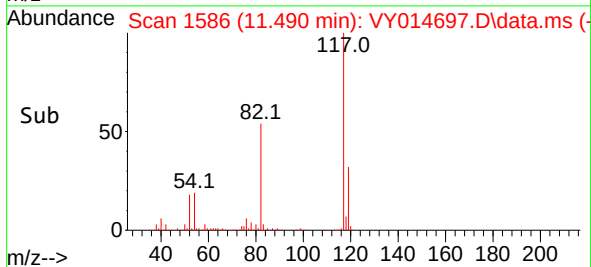
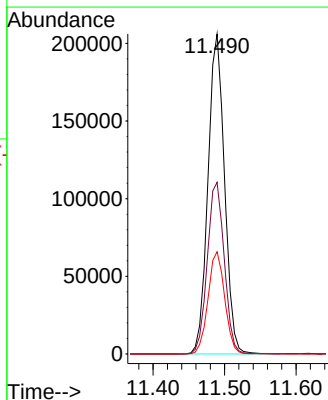
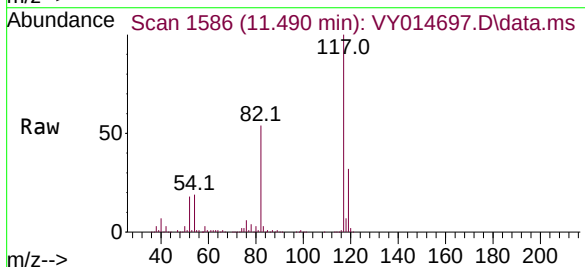
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GATE-1

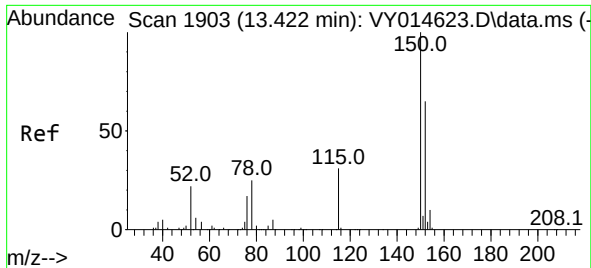
Tgt Ion: 95 Resp: 157279
Ion Ratio Lower Upper
95 100
174 80.5 0.0 178.2
176 77.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

Tgt Ion: 117 Resp: 331062
Ion Ratio Lower Upper
117 100
82 53.6 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. 0.000 min

Lab File: VY014697.D

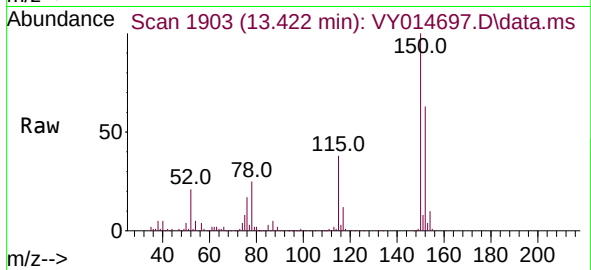
Acq: 18 Jul 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

GATE-1



Tgt Ion:152 Resp: 156105

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 157.9 0.0 348.8

