

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014739.D
 Acq On : 21 Jul 2023 12:10
 Operator : SY/MD
 Sample : 03662-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUR-1276

Quant Time: Jul 22 07:08:33 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)

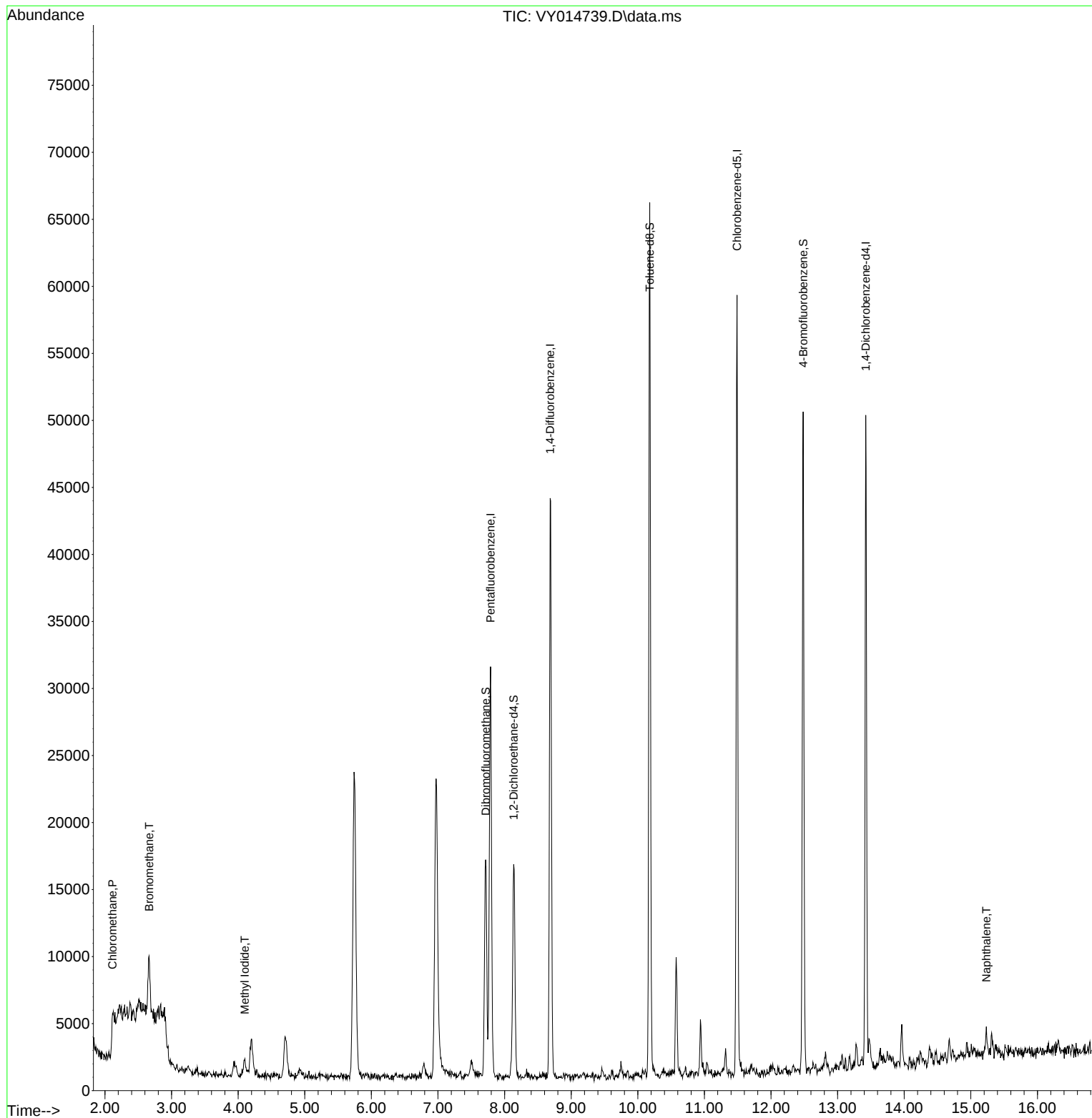
Internal Standards						
1) Pentafluorobenzene	7.789	168	23804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	37896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	31578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12724	46.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.820%
35) Dibromofluoromethane	7.716	113	11790	48.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.179	98	44188	49.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.483	95	13911	40.792	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1579	7.243	ug/l #	83
5) Bromomethane	2.662	94	3044	18.906	ug/l	95
10) Methyl Iodide	4.101	142	2424	11.055	ug/l #	93
95) Naphthalene	15.233	128	1400	2.309	ug/l	96

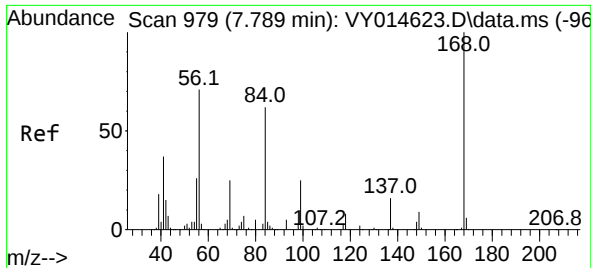
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
Data File : VY014739.D
Acq On : 21 Jul 2023 12:10
Operator : SY/MD
Sample : 03662-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

Quant Time: Jul 22 07:08:33 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

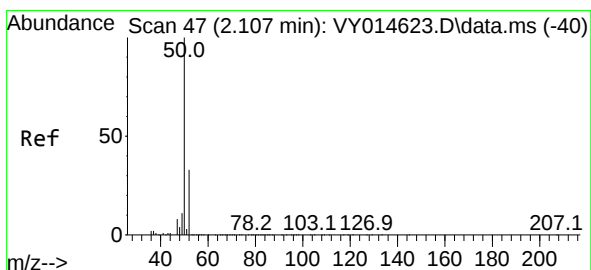
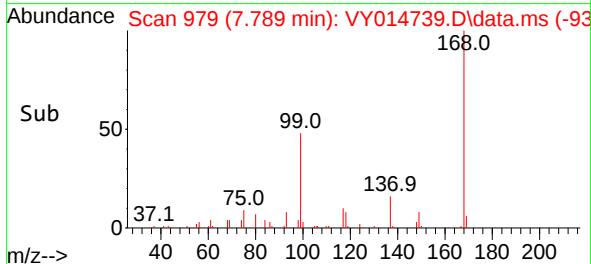
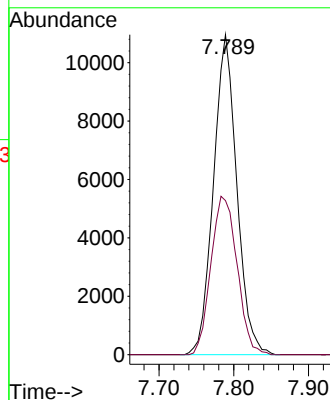
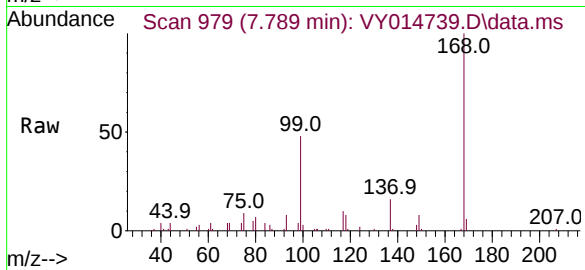




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

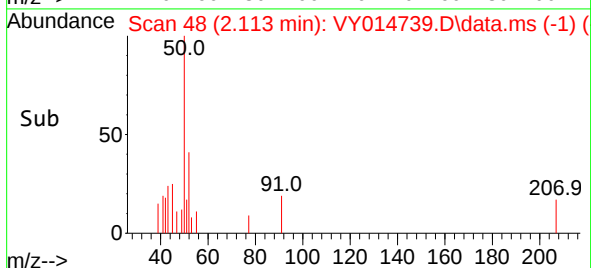
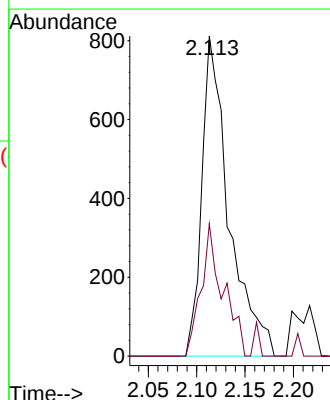
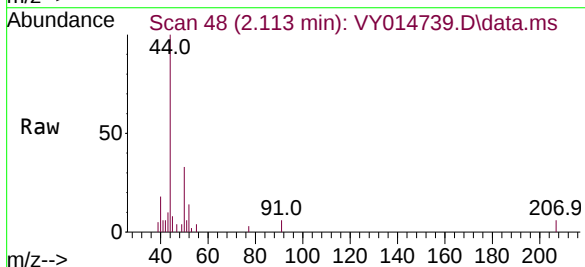
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

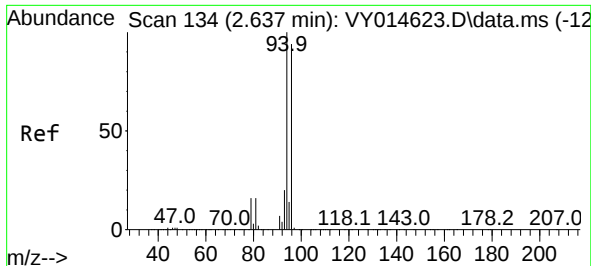
Tgt Ion:168 Resp: 23804
Ion Ratio Lower Upper
168 100
99 48.2 43.4 65.0



#3
Chloromethane
Concen: 7.243 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

Tgt Ion: 50 Resp: 1579
Ion Ratio Lower Upper
50 100
52 41.4 25.4 38.2#

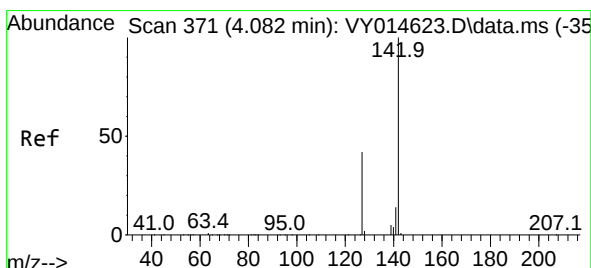
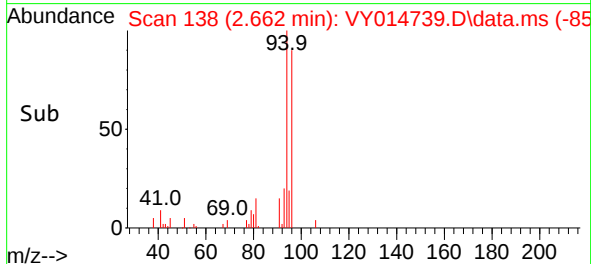
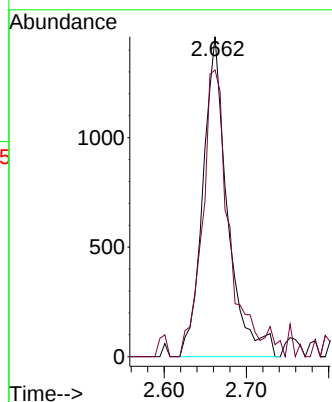
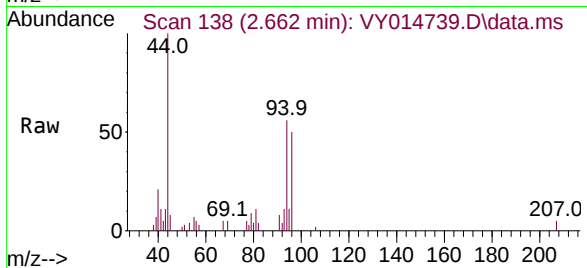




#5
Bromomethane
Concen: 18.906 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

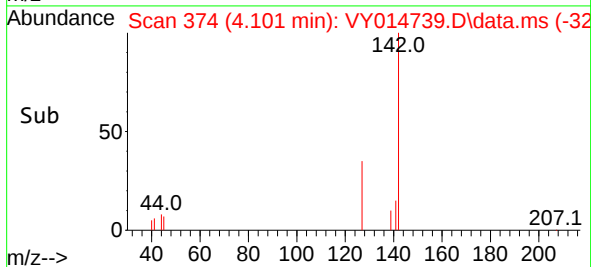
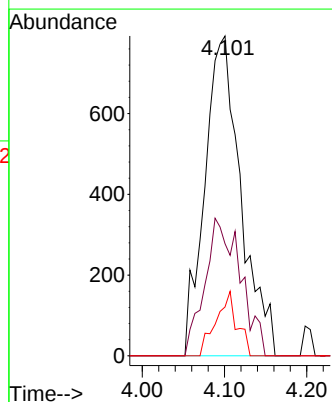
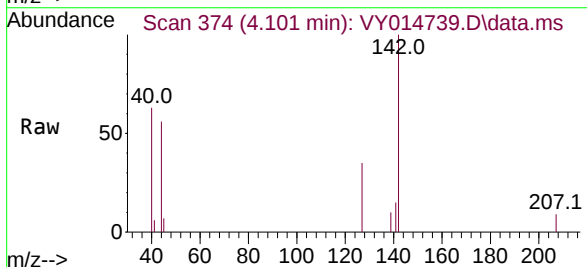
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

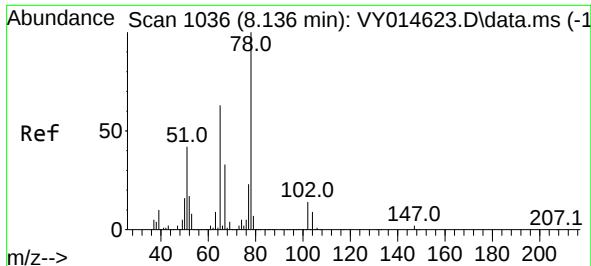
Tgt Ion: 94 Resp: 3044
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.6



#10
Methyl Iodide
Concen: 11.055 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

Tgt Ion:142 Resp: 2424
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 11.8 11.8 17.8#

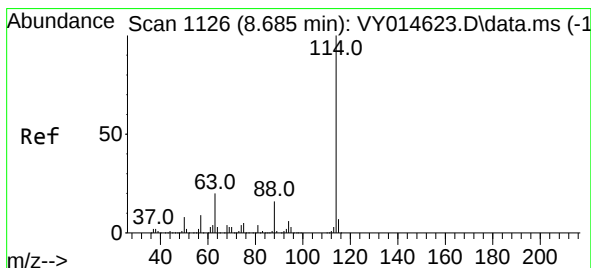
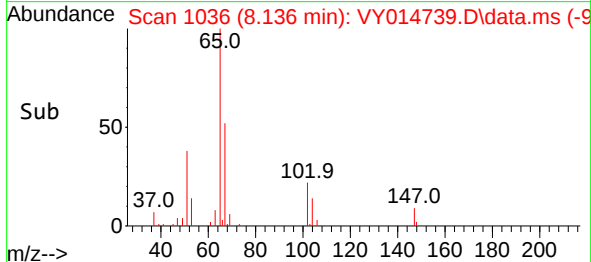
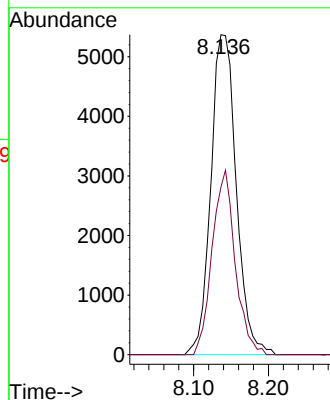
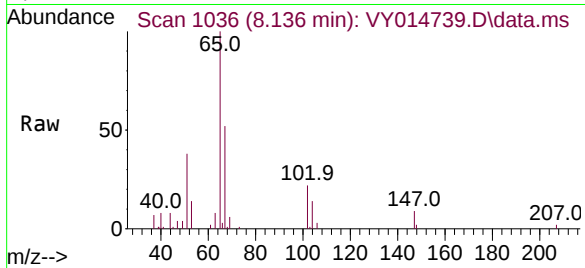




#33
 1,2-Dichloroethane-d4
 Concen: 46.908 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014739.D
 Acq: 21 Jul 2023 12:10

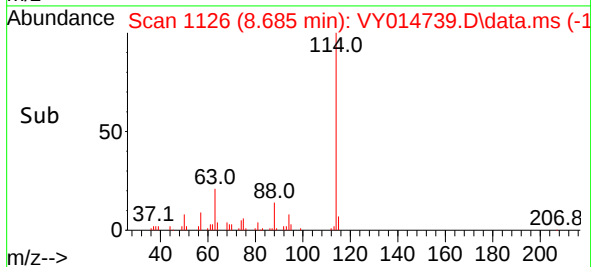
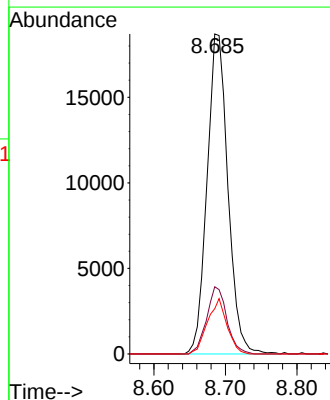
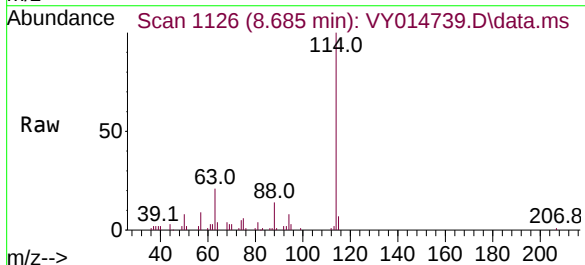
Instrument :
 MSVOA_Y
 ClientSampleId :
 BUR-1276

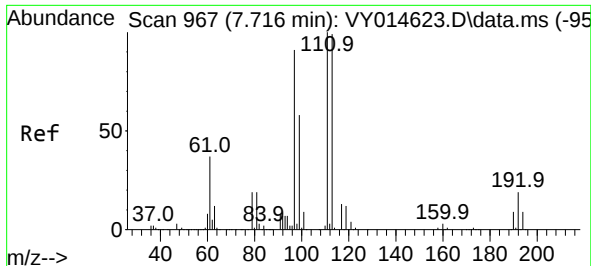
Tgt Ion: 65 Resp: 12724
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014739.D
 Acq: 21 Jul 2023 12:10

Tgt Ion: 114 Resp: 37896
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 14.2 0.0 30.6

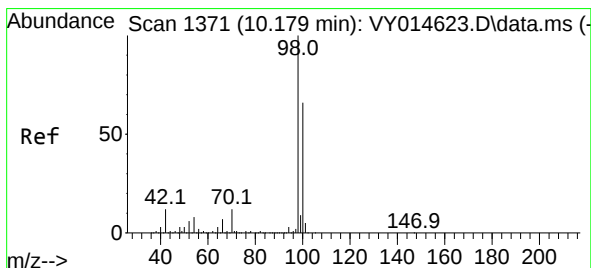
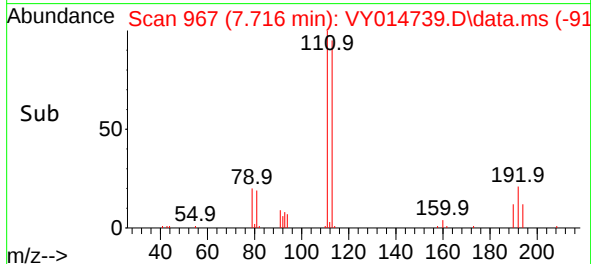
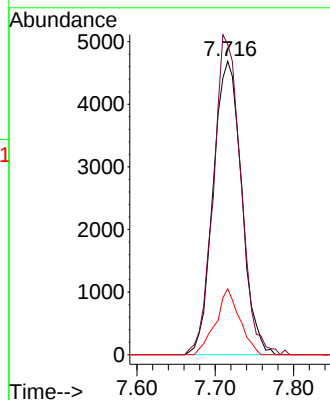
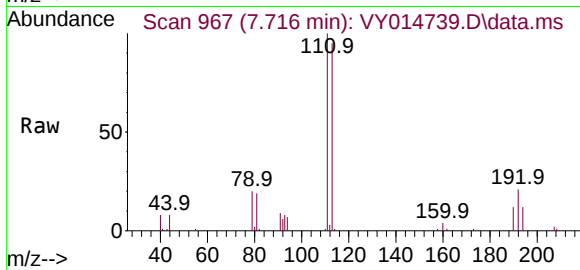




#35
Dibromofluoromethane
Concen: 48.873 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

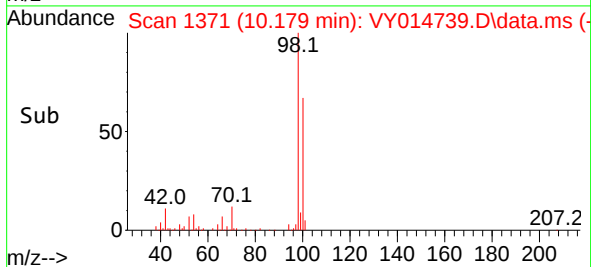
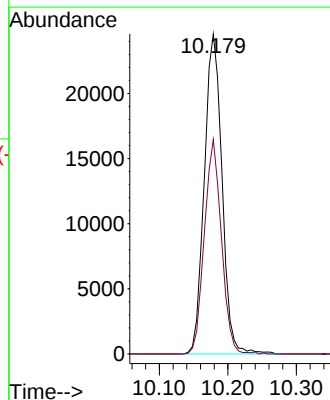
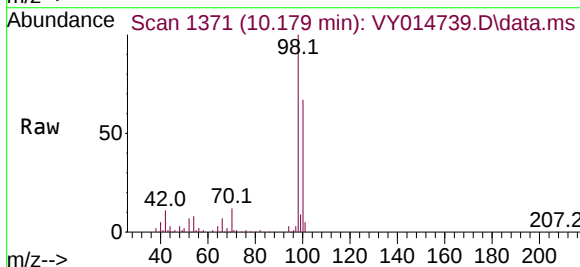
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

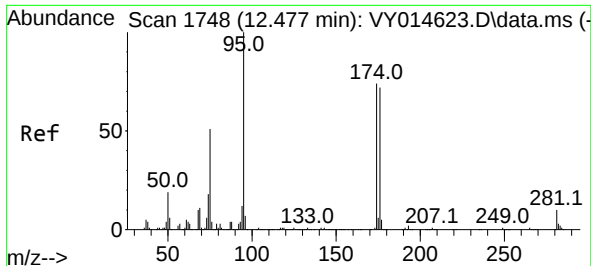
Tgt Ion:113 Resp: 11790
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 49.684 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

Tgt Ion: 98 Resp: 44188
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

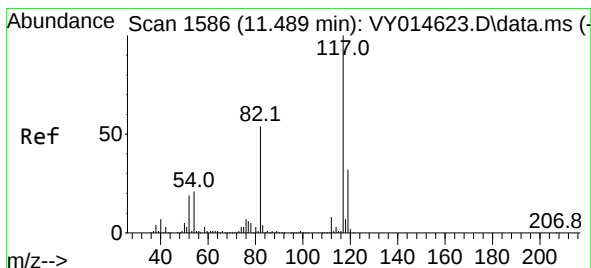
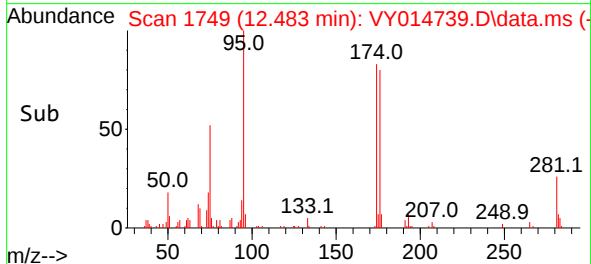
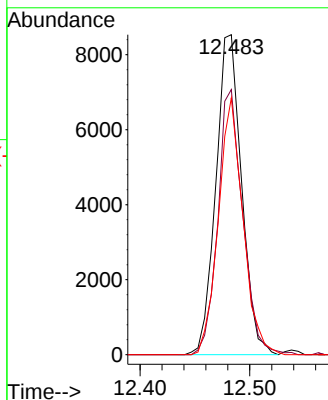
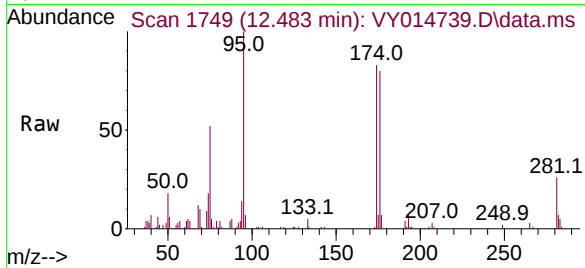




#62
4-Bromofluorobenzene
Concen: 40.792 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

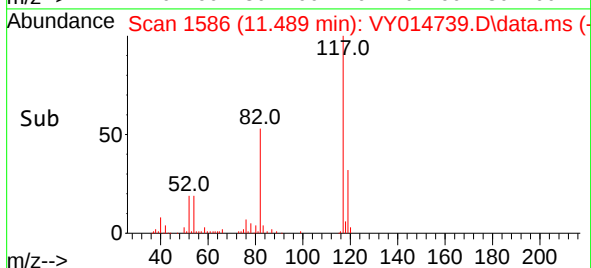
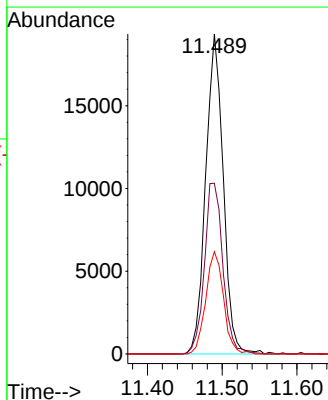
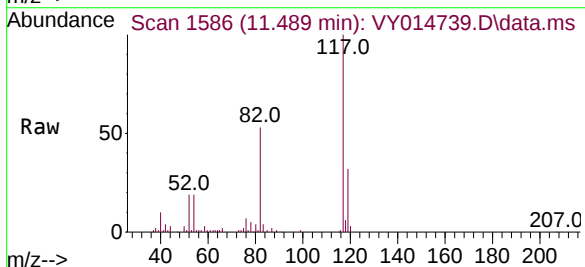
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

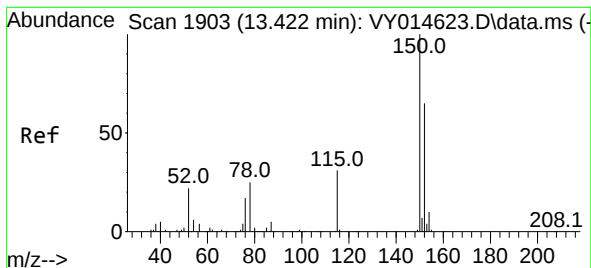
Tgt Ion: 95 Resp: 13911
Ion Ratio Lower Upper
95 100
174 80.2 0.0 178.2
176 76.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

Tgt Ion: 117 Resp: 31578
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.0 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: VY014739.D

Acq: 21 Jul 2023 12:10

Instrument :

MSVOA_Y

ClientSampleId :

BUR-1276

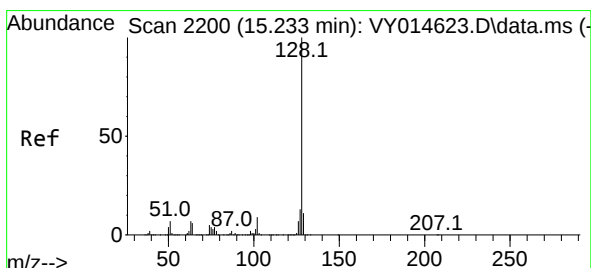
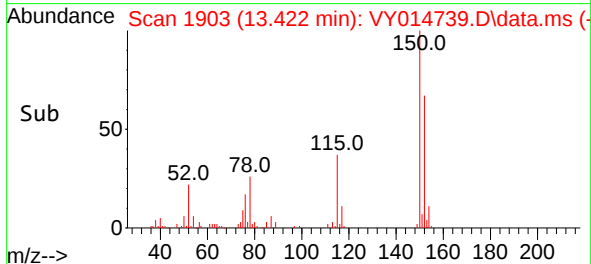
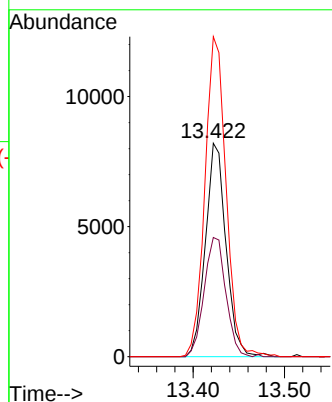
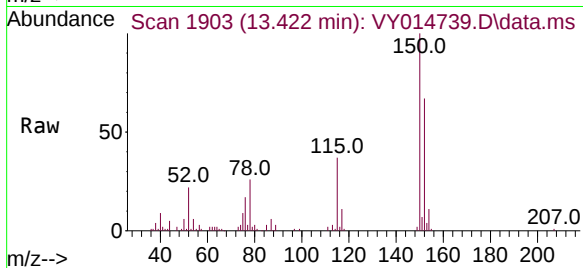
Tgt Ion:152 Resp: 12866

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 152.9 0.0 348.8



#95

Naphthalene

Concen: 2.309 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014739.D

Acq: 21 Jul 2023 12:10

Tgt Ion:128 Resp: 1400

Ion Ratio Lower Upper

128 100

127 12.2 10.8 16.2

129 8.9 8.6 13.0

