

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 05:34:40 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)

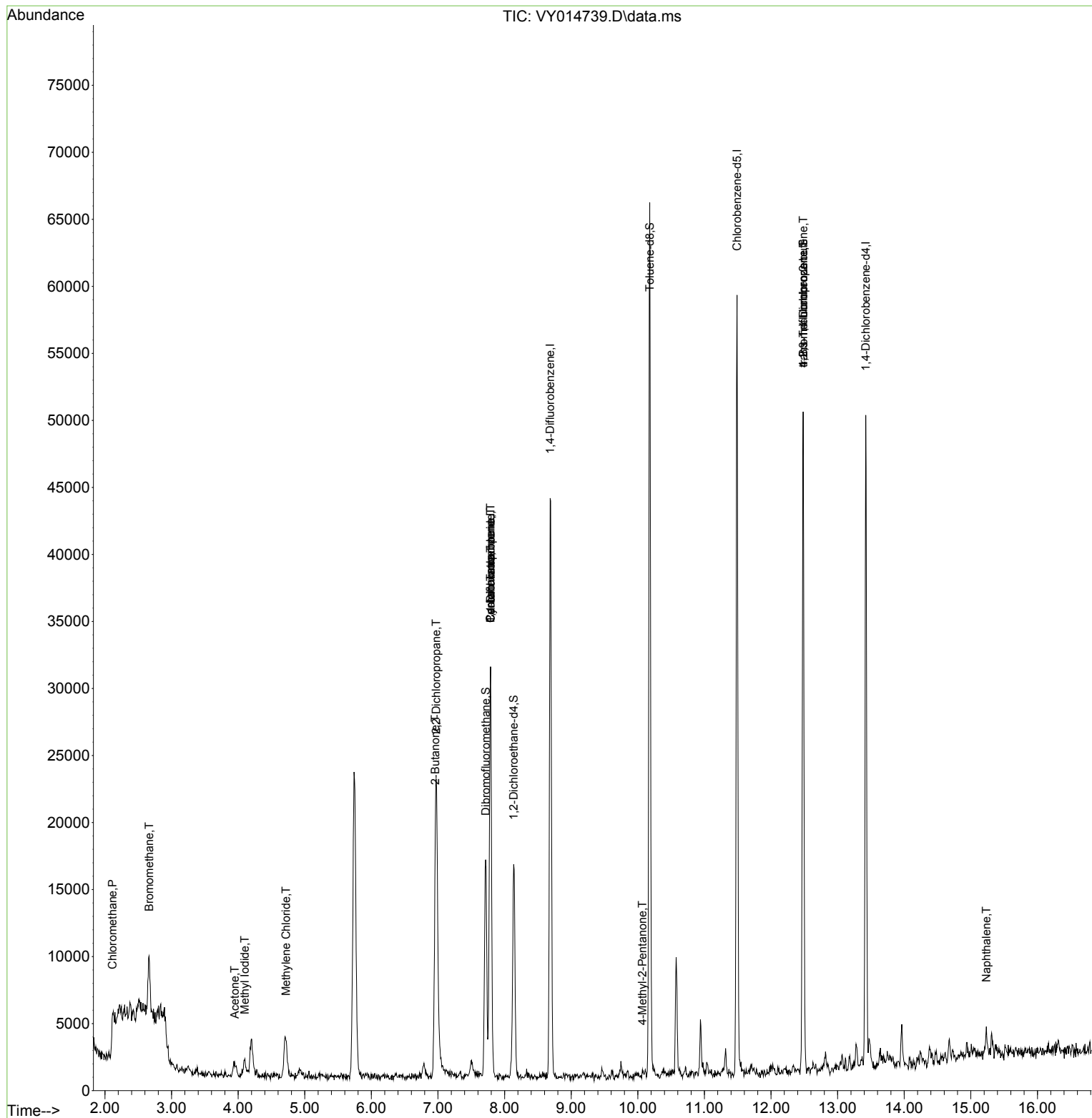
Internal Standards						
1) Pentafluorobenzene	7.789	168	23804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	37896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	31578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
11) Tert butyl alcohol	4.918	59	333	Below Cal	#	89
16) Acetone	3.948	43	1873	21.790	ug/l	99
20) Methylene Chloride	4.716	84	2323	4.474	ug/l #	70
25) 2-Butanone	6.960	43	803	6.385	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	1818	3.940	ug/l #	54
31) Cyclohexane	7.789	56	770	1.710	ug/l #	34
36) 1,1-Dichloropropene	7.789	75	2034	5.638	ug/l #	44
38) Carbon Tetrachloride	7.789	117	2417	6.338	ug/l #	19
51) 4-Methyl-2-Pentanone	10.069	43	355	1.429	ug/l #	61
76) 1,2,3-Trichloropropane	12.483	75	7160	44.063	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7160	85.314	ug/l #	11
95) Naphthalene	15.233	128	1400	2.309	ug/l	96

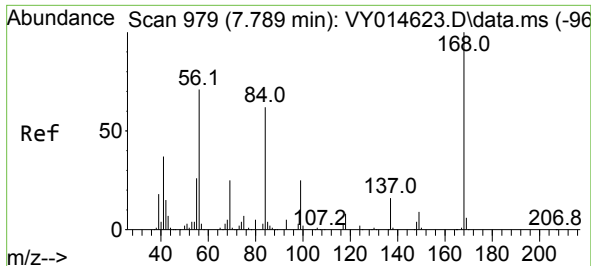
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 05:34:40 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

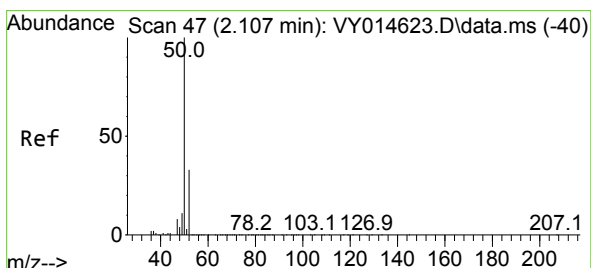
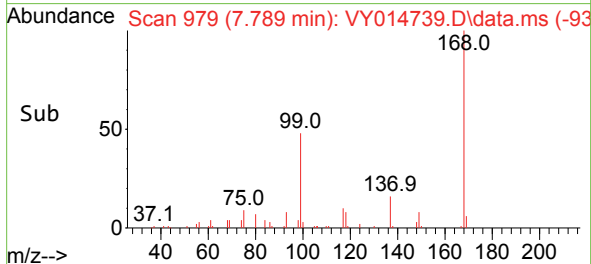
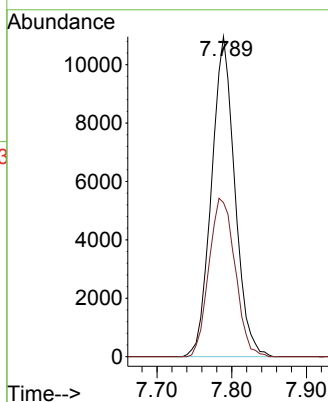
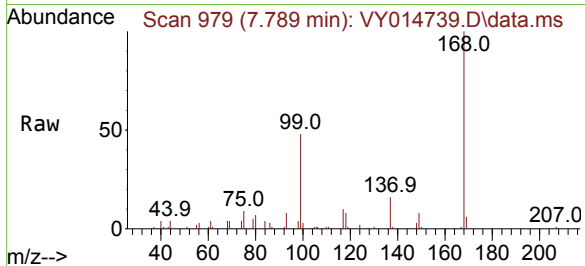




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

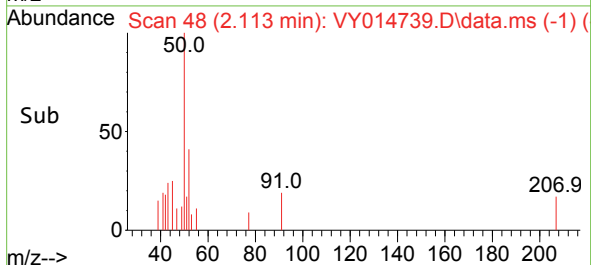
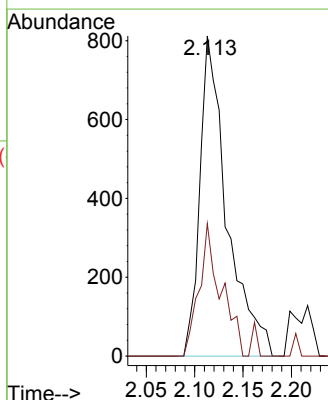
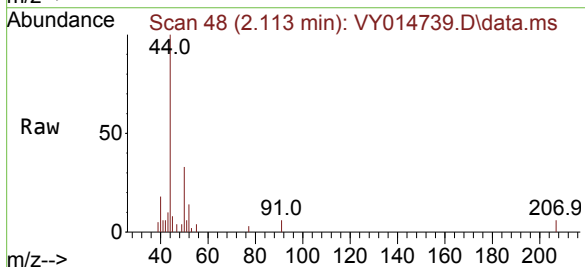
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

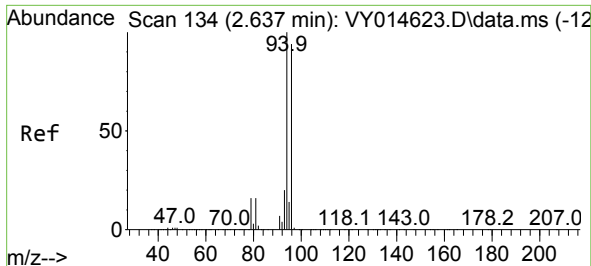
Tgt Ion:168 Resp: 23804
Ion Ratio Lower Upper
168 100
99 48.2 43.4 65.0



#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 :

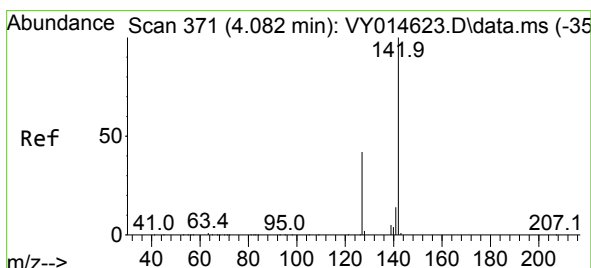
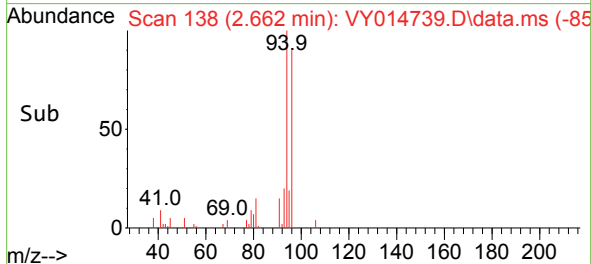
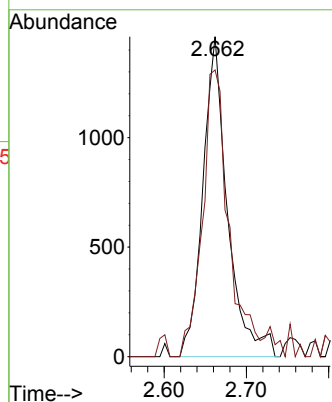
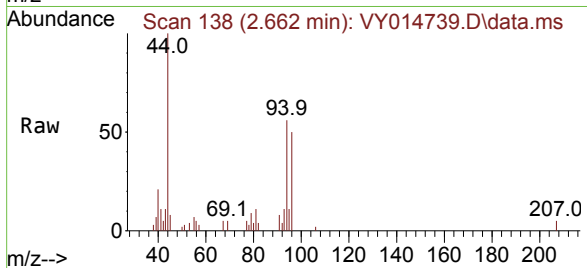
BUR-1276

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

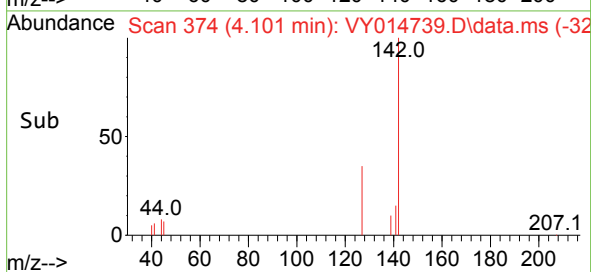
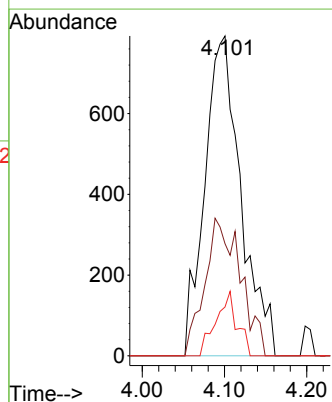
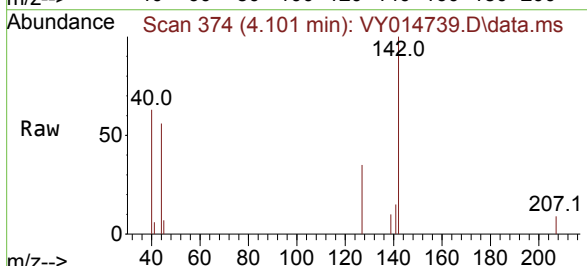
Tgt Ion:142 Resp: 2424

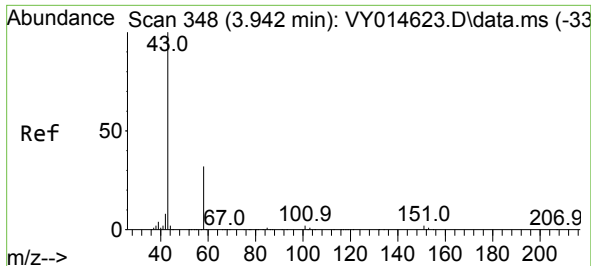
Ion Ratio Lower Upper

142 100

127 42.4 37.6 56.4

141 11.8 11.8 17.8#

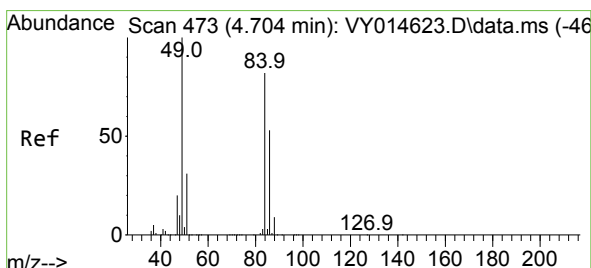
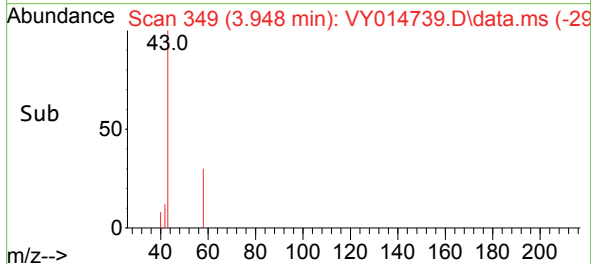
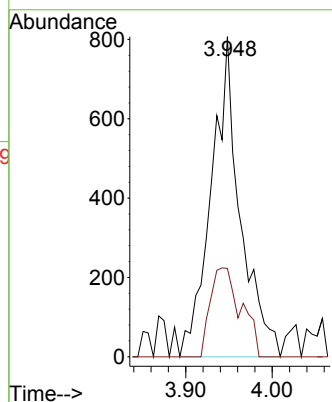
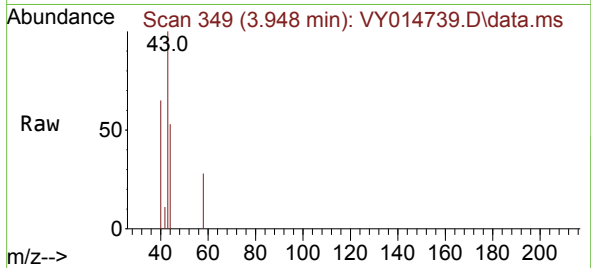




#16
Acetone
Concen: 21.790 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

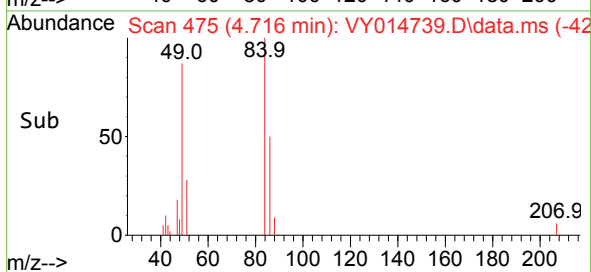
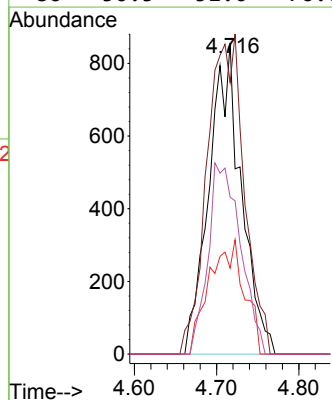
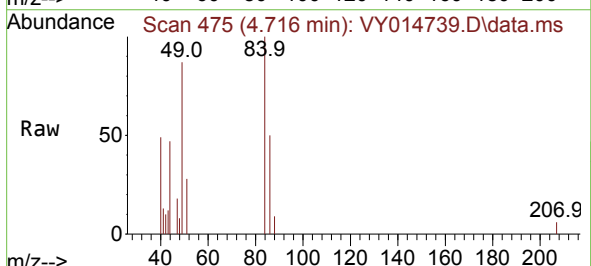
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

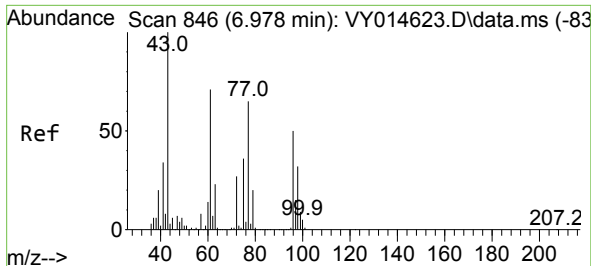
Tgt Ion: 43 Resp: 1873
Ion Ratio Lower Upper
43 100
58 27.6 22.7 34.1



#20
Methylene Chloride
Concen: 4.474 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

Tgt Ion: 84 Resp: 2323
Ion Ratio Lower Upper
84 100
49 87.3 106.9 160.3#
51 27.7 33.2 49.8#
86 50.5 51.0 76.6#





#25

2-Butanone

Concen: 6.385 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY014739.D

Acq: 21 Jul 2023 12:10

Instrument :

MSVOA_Y

ClientSampleId :

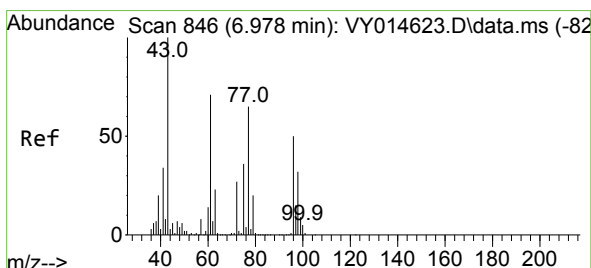
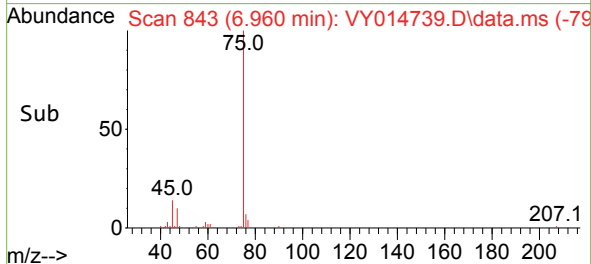
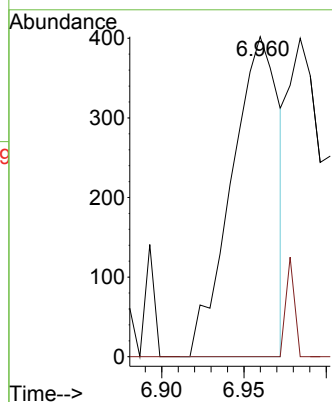
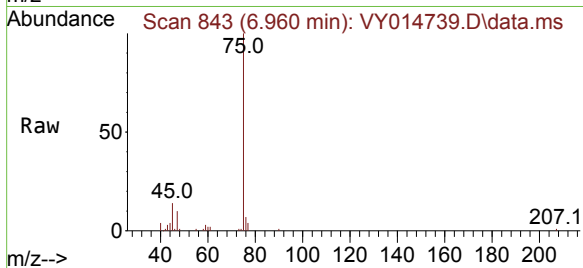
BUR-1276

Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 3.940 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014739.D

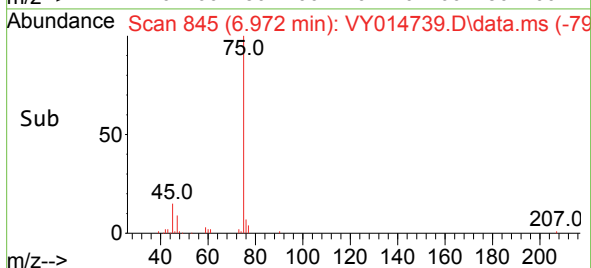
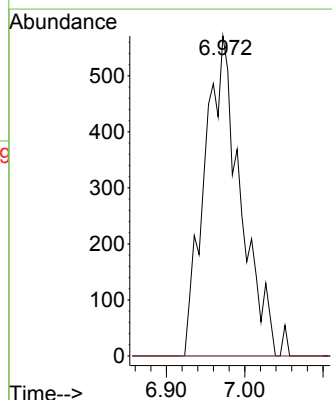
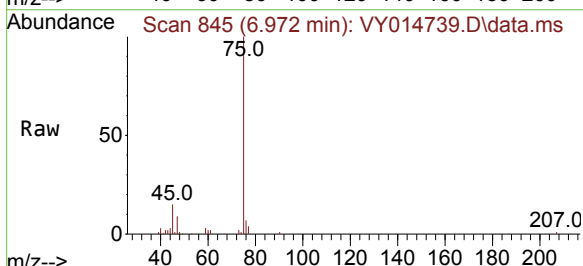
Acq: 21 Jul 2023 12:10

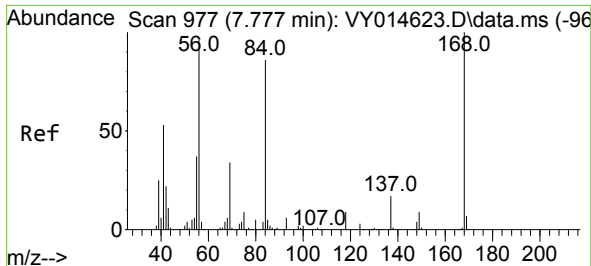
Tgt Ion: 77 Resp: 1818

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

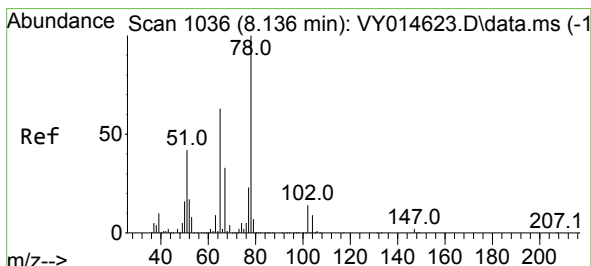
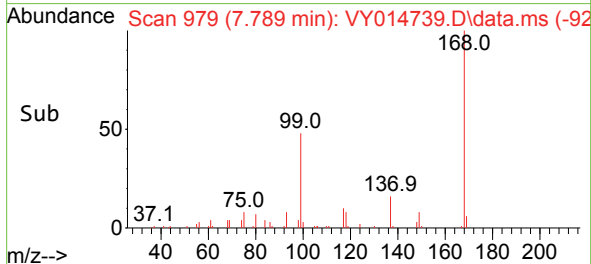
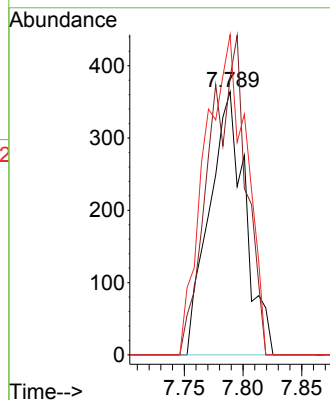
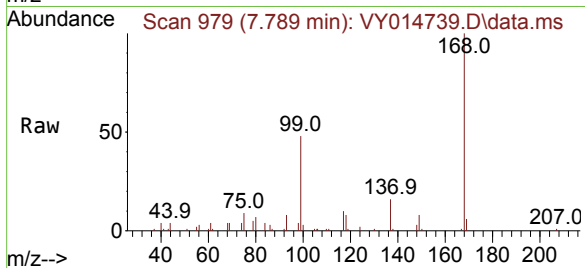




#31
Cyclohexane
Concen: 1.710 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

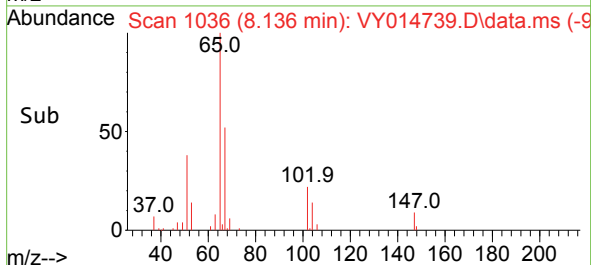
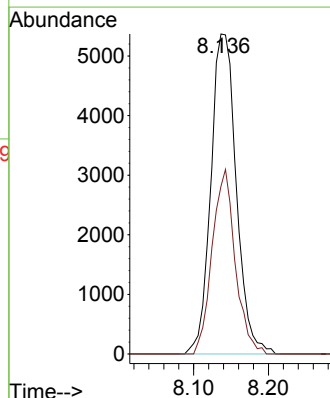
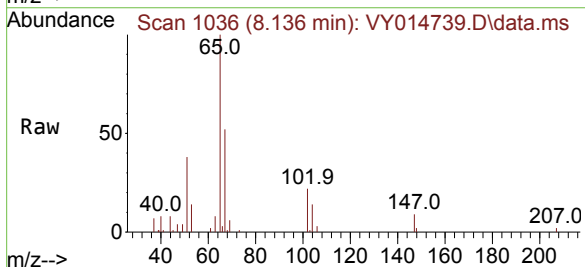
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

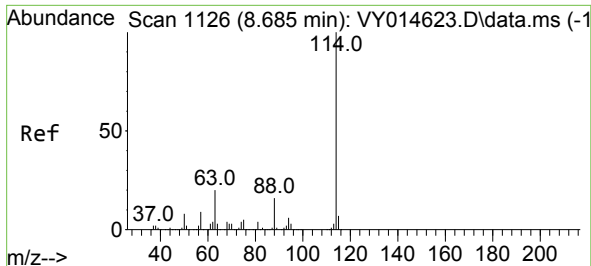
Tgt Ion: 56 Resp: 770
Ion Ratio Lower Upper
56 100
69 105.5 27.8 41.6#
84 121.7 66.4 99.6#



#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

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

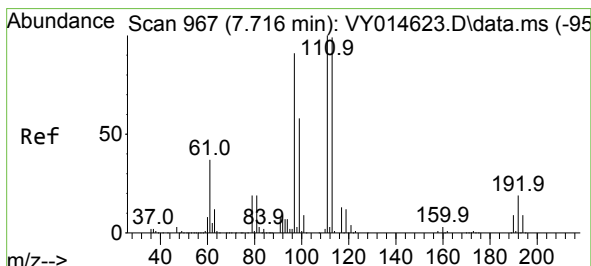
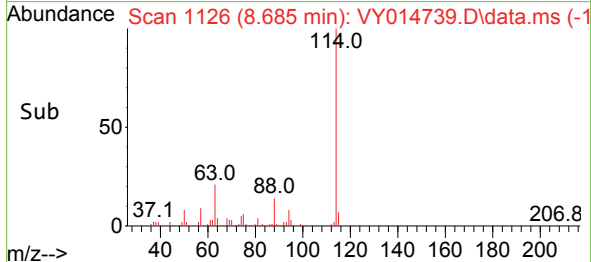
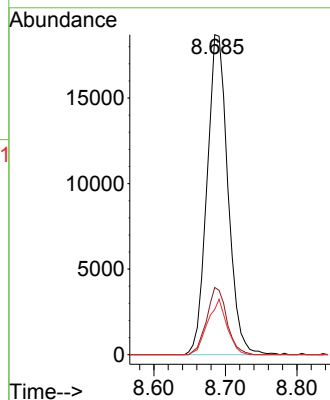
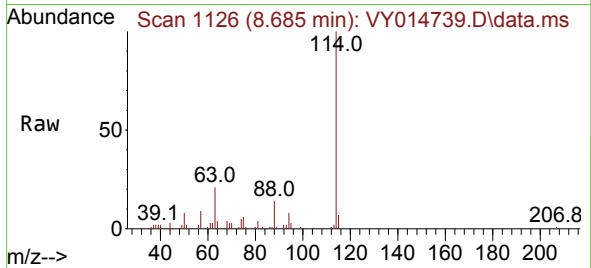




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

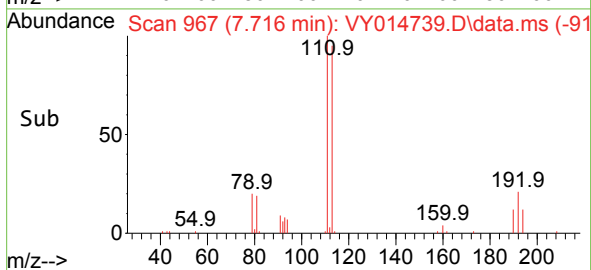
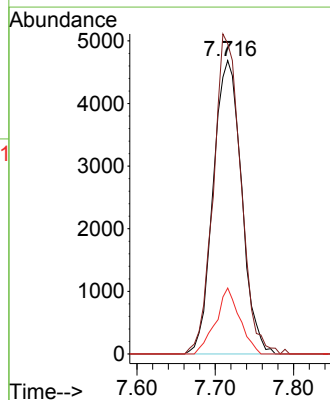
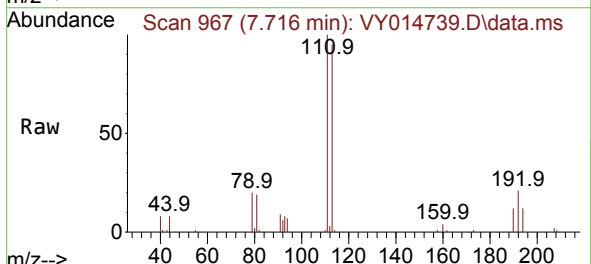
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

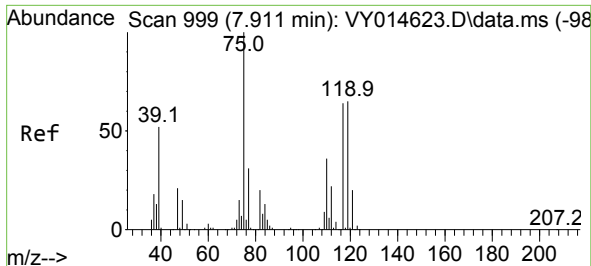
Tgt Ion:	114	Resp:	37896
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	14.2	0.0	30.6



#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

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

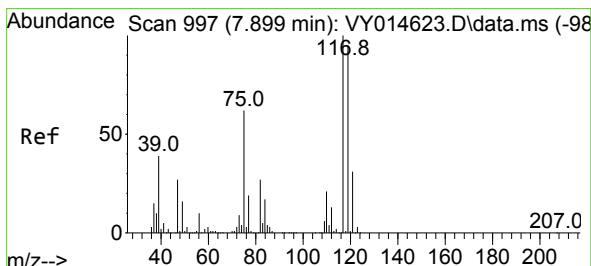
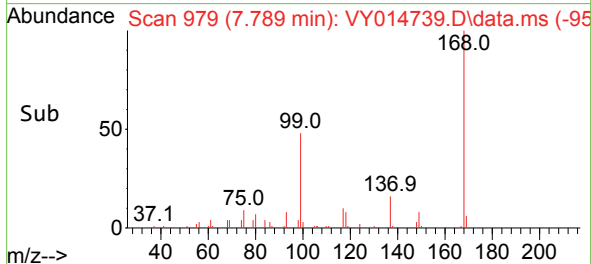
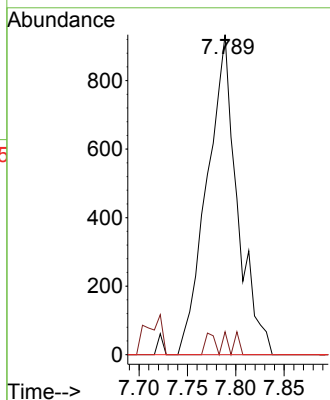
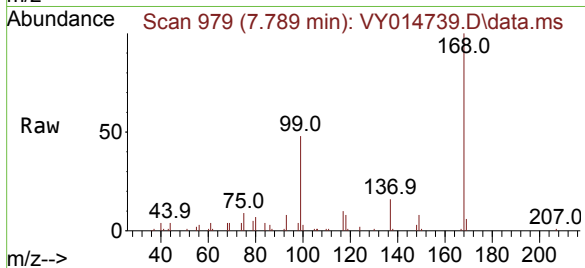




#36
1,1-Dichloropropene
Concen: 5.638 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

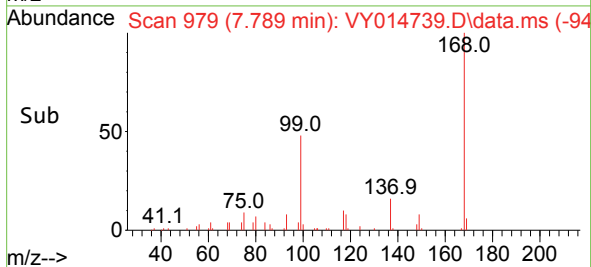
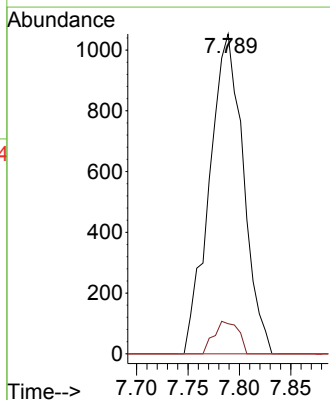
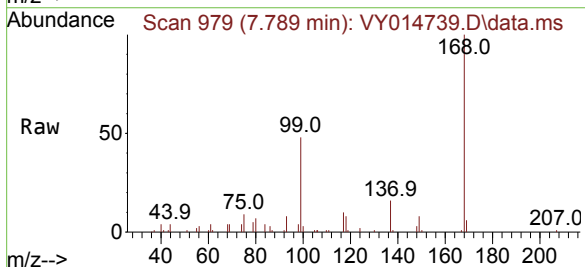
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

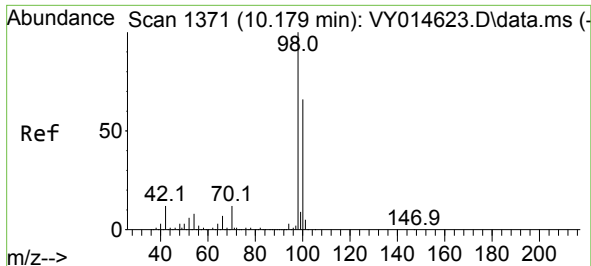
Tgt Ion: 75 Resp: 2034
Ion Ratio Lower Upper
75 100
110 2.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.338 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

Tgt Ion: 117 Resp: 2417
Ion Ratio Lower Upper
117 100
119 9.4 76.4 114.6#
121 0.0 25.8 38.6#

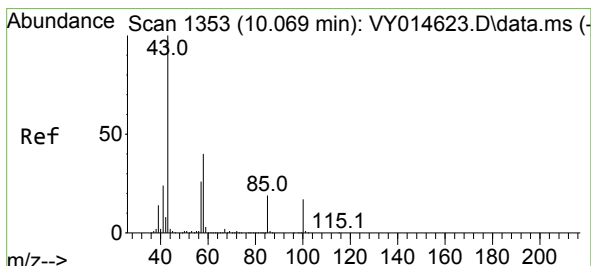
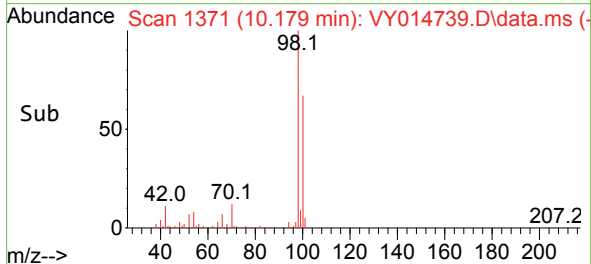
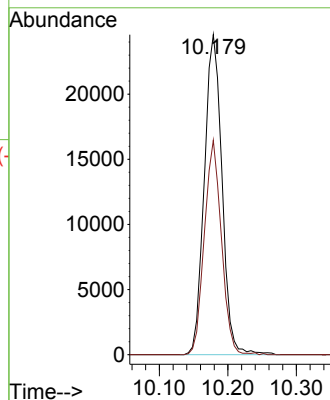
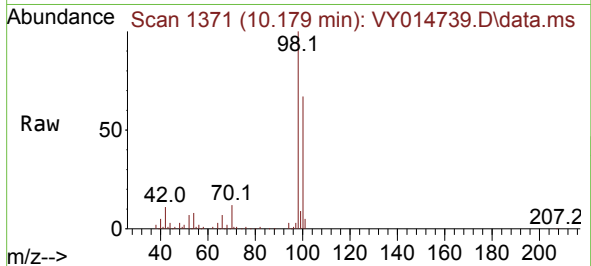




#50
Toluene-d8
Concen: 49.684 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

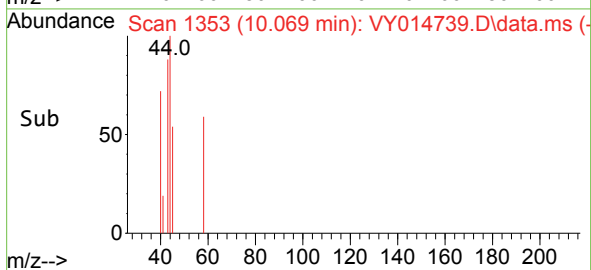
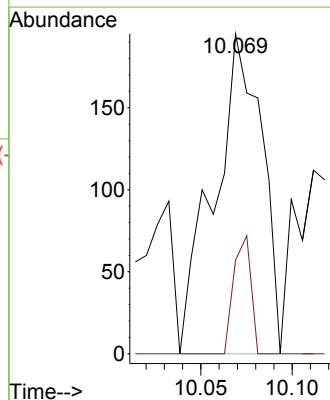
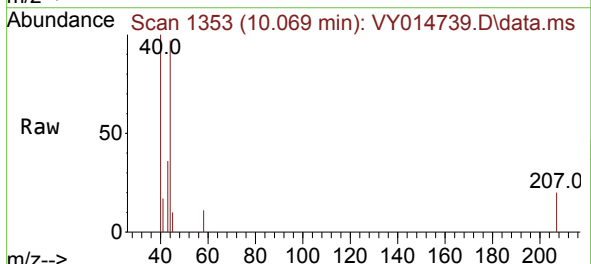
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

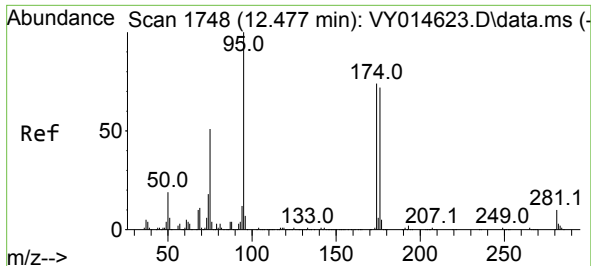
Tgt Ion: 98 Resp: 44188
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.429 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 13.2 29.0 43.6#

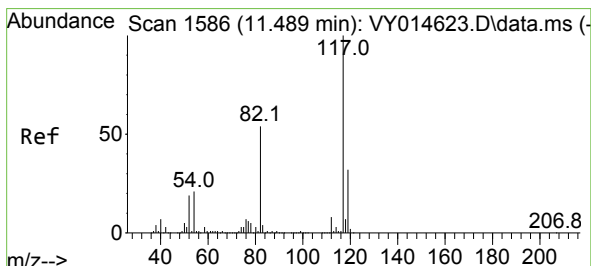
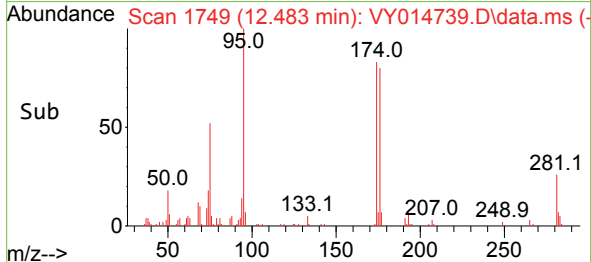
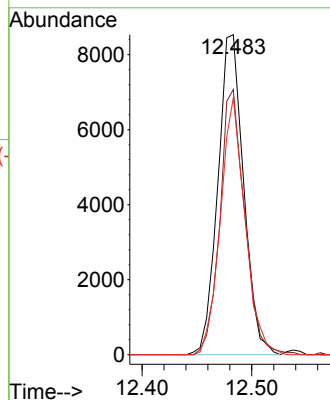
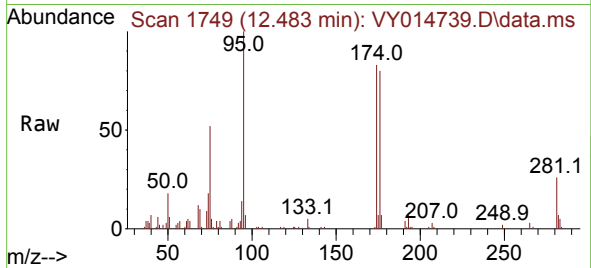




#62
4-Bromofluorobenzene
Concen: 40.792 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

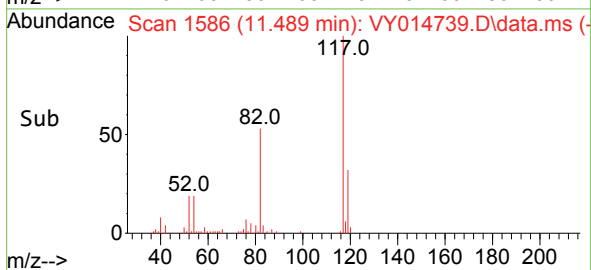
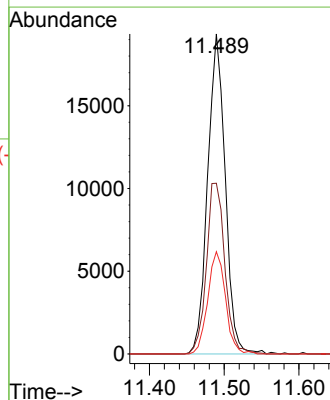
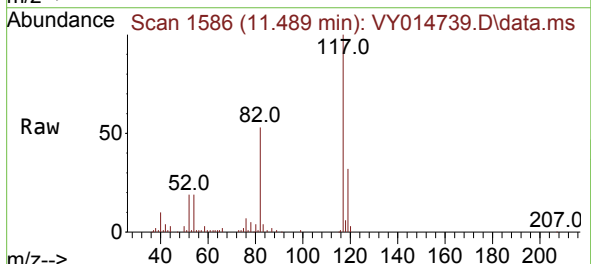
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

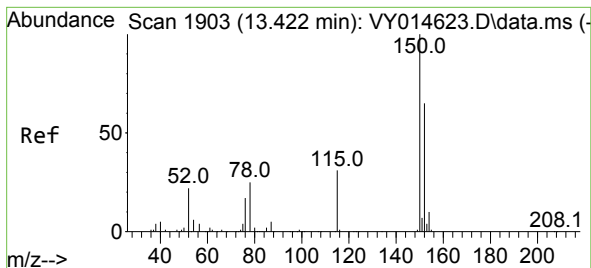
Tgt Ion: 95 Resp: 13911
Ion Ratio Lower Upper
95 100
174 80.2 0.0 178.2
176 76.9 0.0 173.8



#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

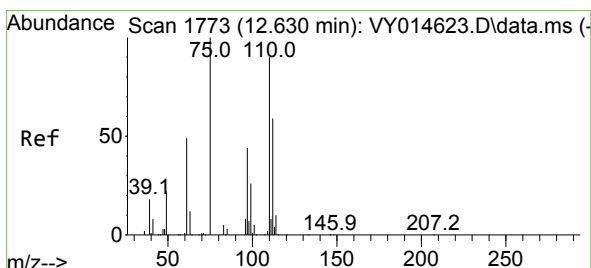
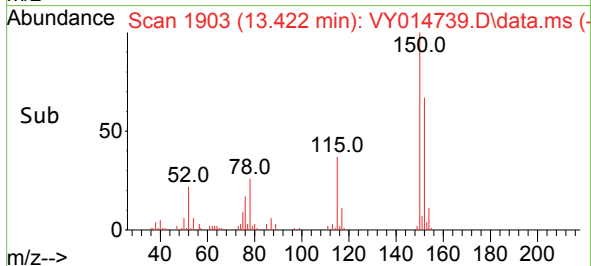
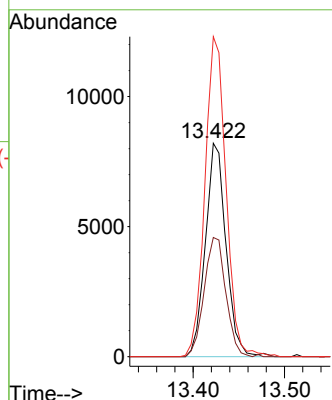
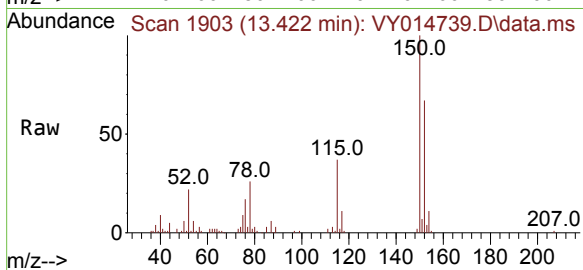
Tgt Ion:152 Resp: 12866

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 152.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 44.063 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY014739.D

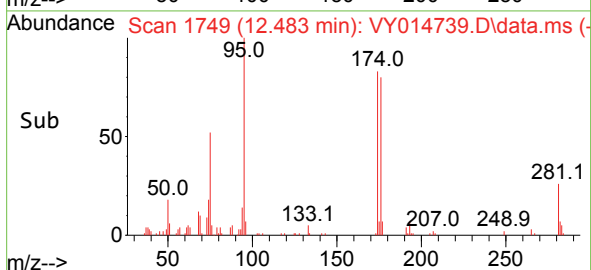
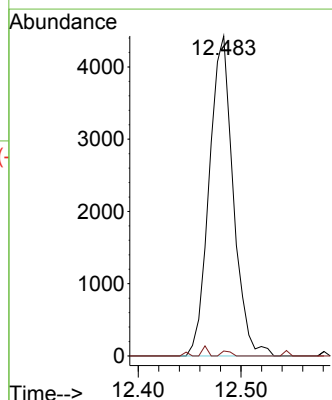
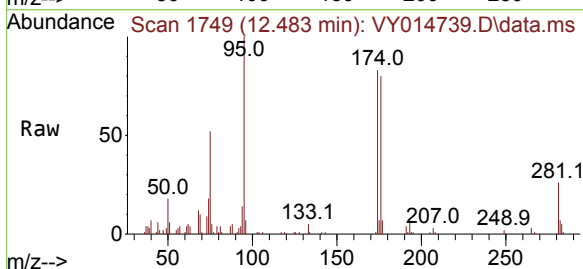
Acq: 21 Jul 2023 12:10

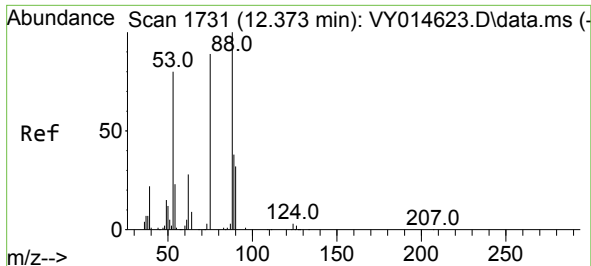
Tgt Ion: 75 Resp: 7160

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#

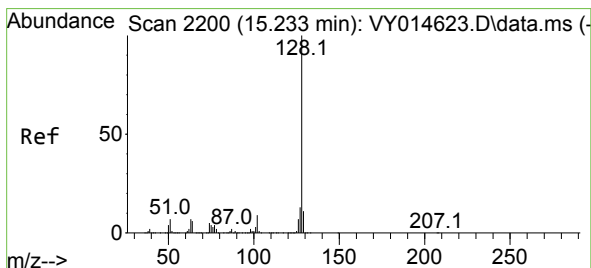
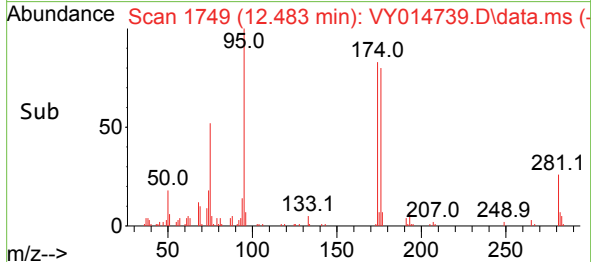
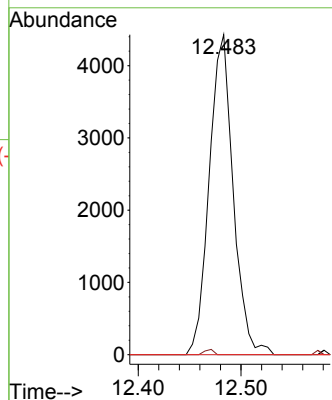
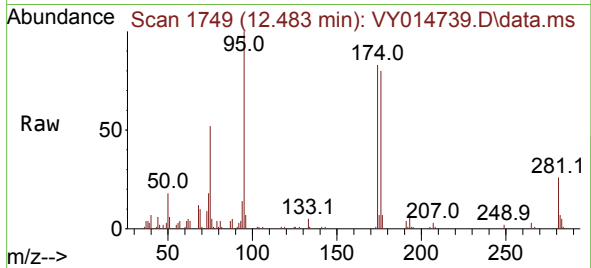




#81
trans-1,4-Dichloro-2-butene
Concen: 85.314 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY014739.D
Acq: 21 Jul 2023 12:10

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276

Tgt Ion: 75 Resp: 7160
Ion Ratio Lower Upper
75 100
53 0.6 77.8 116.8#
89 0.0 37.4 56.0#



#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

