

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)

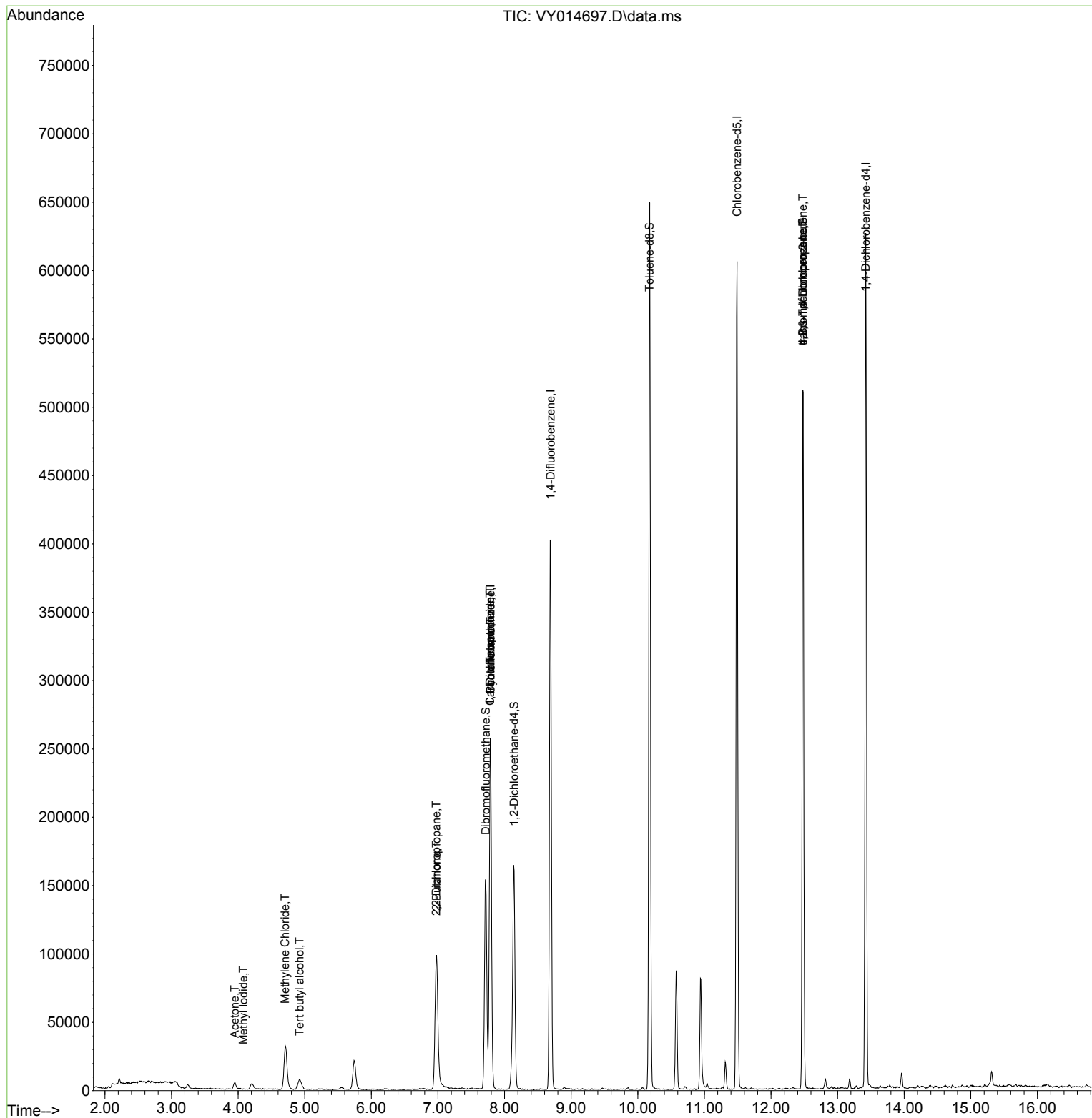
Internal Standards						
1) Pentafluorobenzene	7.789	168	203130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	352780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
10) Methyl Iodide	4.076	142	74	2.401	ug/l #	38
11) Tert butyl alcohol	4.924	59	7769	4.485	ug/l #	92
16) Acetone	3.948	43	8488	11.572	ug/l	99
20) Methylene Chloride	4.704	84	24467	6.603	ug/l	88
25) 2-Butanone	6.978	43	6099	5.683	ug/l #	65
26) 2,2-Dichloropropane	6.972	77	7675	1.949	ug/l #	54
31) Cyclohexane	7.789	56	4227	1.100	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15287	4.552	ug/l #	51
38) Carbon Tetrachloride	7.783	117	20240	5.701	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	80398	40.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80398	78.955	ug/l #	11

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

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

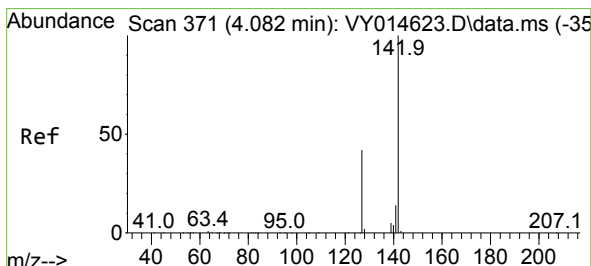
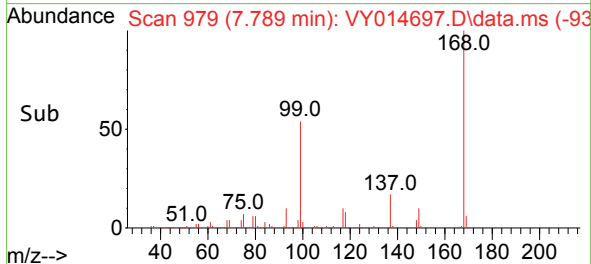
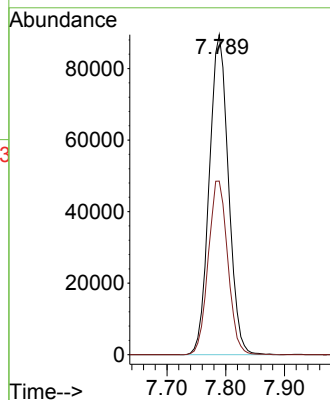
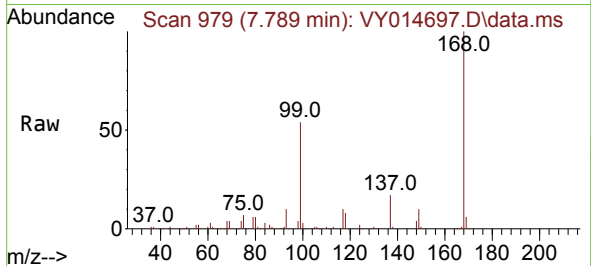




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

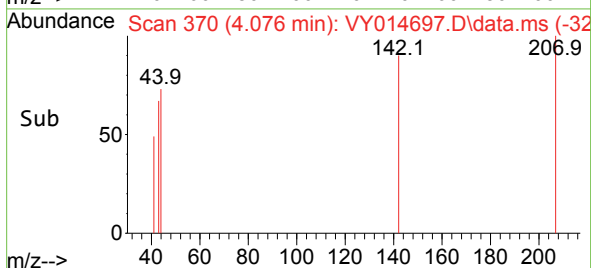
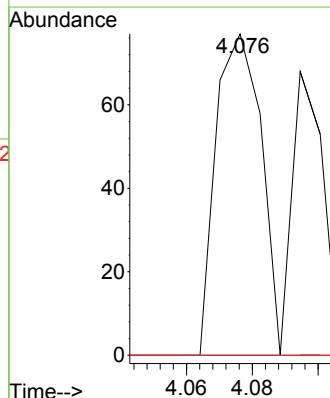
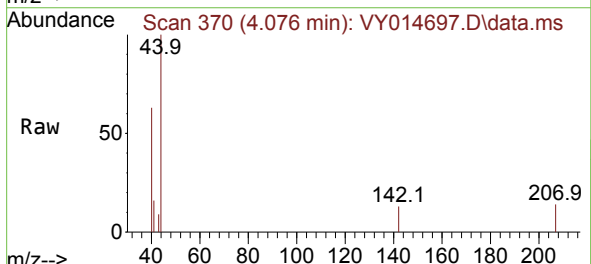
Instrument :
MSVOA_Y
ClientSampleId :
GATE-1

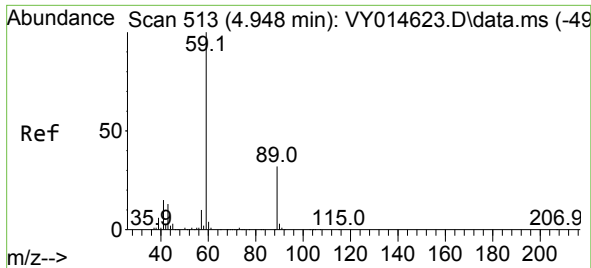
Tgt Ion:168 Resp: 203130
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.401 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

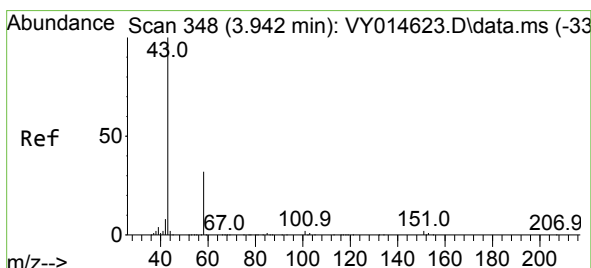
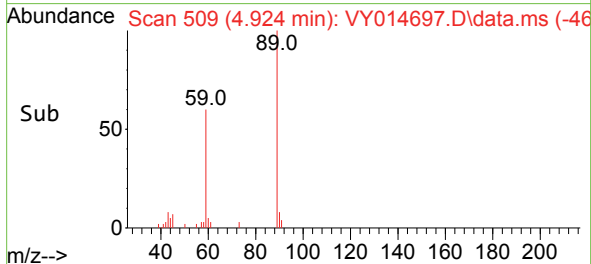
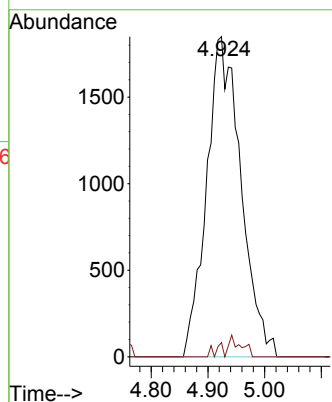
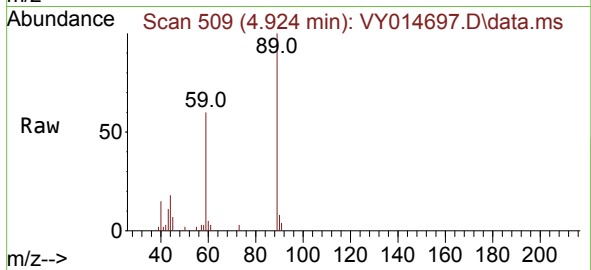




#11
Tert butyl alcohol
Concen: 4.485 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

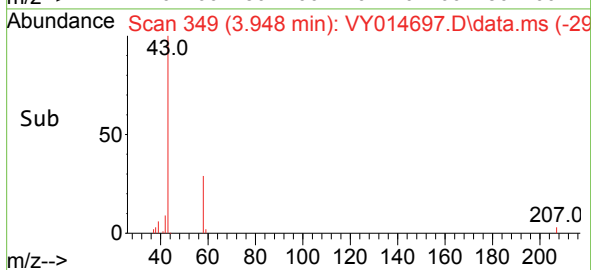
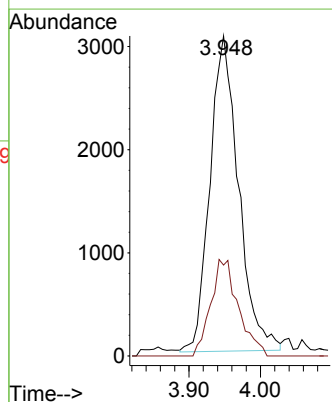
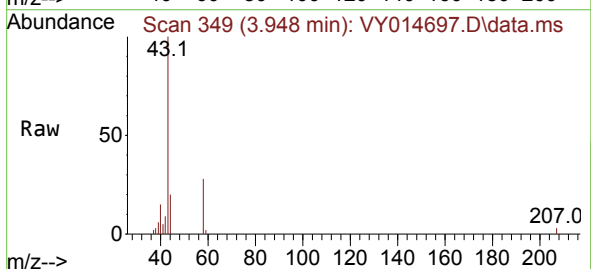
Instrument :
MSVOA_Y
ClientSampleId :
GATE-1

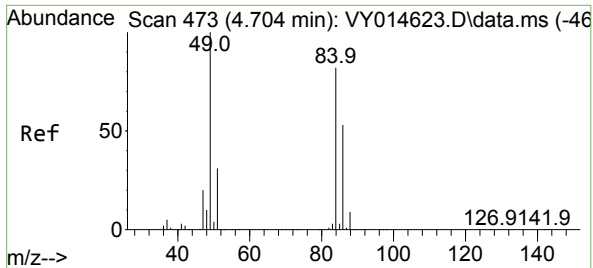
Tgt Ion: 59 Resp: 7769
Ion Ratio Lower Upper
59 100
57 1.0 3.0 4.4#



#16
Acetone
Concen: 11.572 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

Tgt Ion: 43 Resp: 8488
Ion Ratio Lower Upper
43 100
58 28.9 22.7 34.1

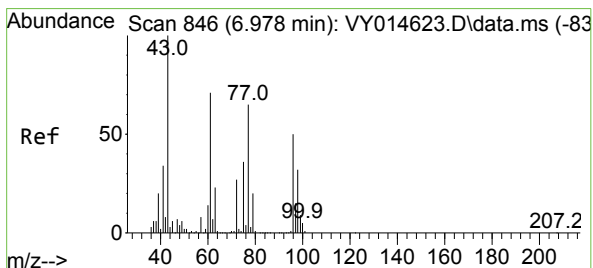
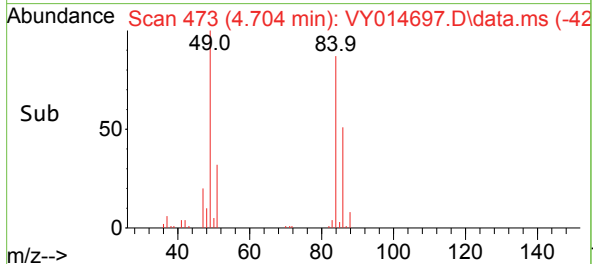
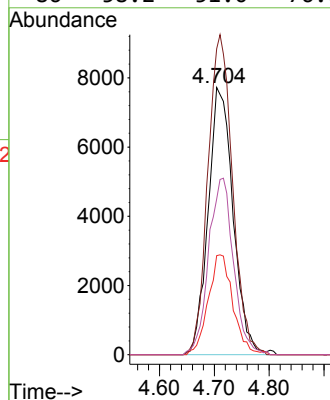
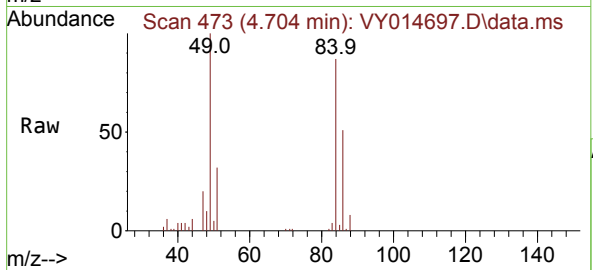




#20
Methylene Chloride
Concen: 6.603 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

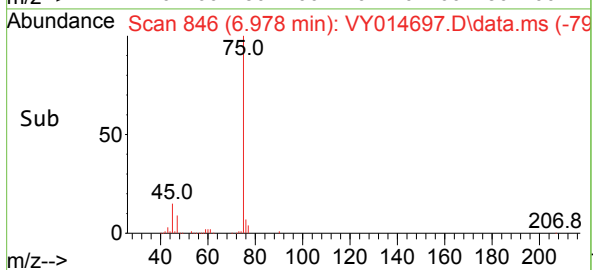
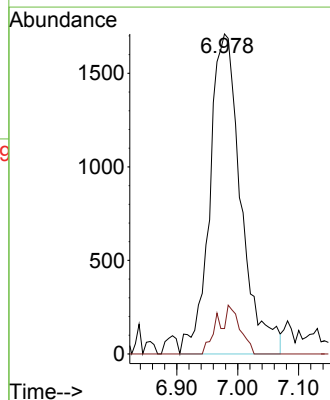
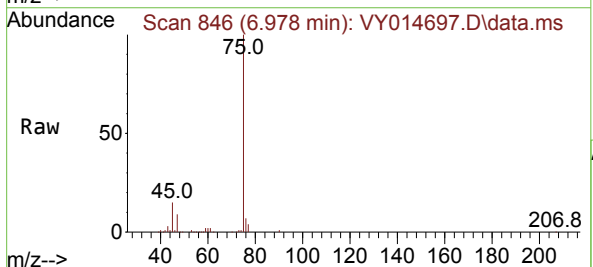
Instrument :
MSVOA_Y
ClientSampleId :
GATE-1

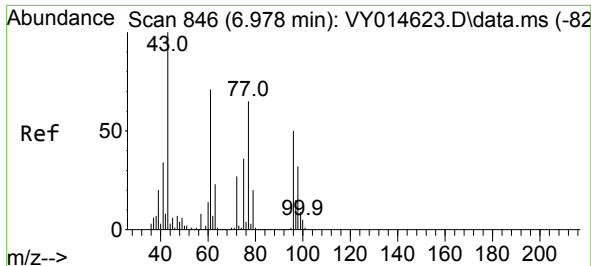
Tgt Ion:	84	Resp:	24467
Ion	Ratio	Lower	Upper
84	100		
49	114.5	106.9	160.3
51	37.1	33.2	49.8
86	58.2	51.0	76.6



#25
2-Butanone
Concen: 5.683 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

Tgt Ion:	43	Resp:	6099
Ion	Ratio	Lower	Upper
43	100		
72	8.0	20.5	30.7#

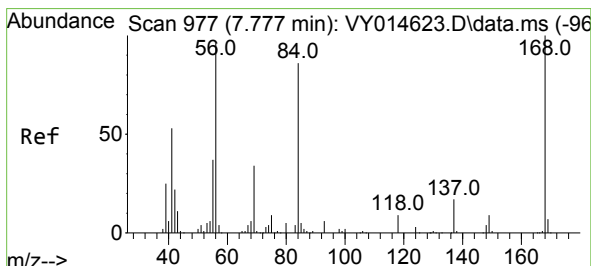
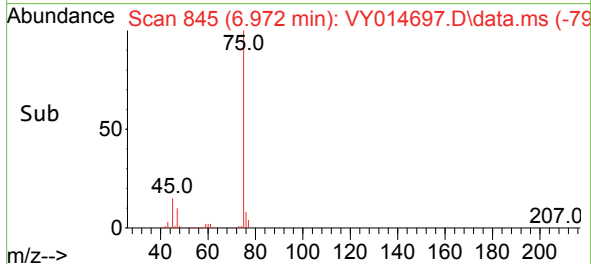
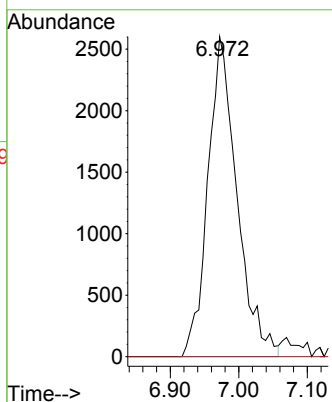
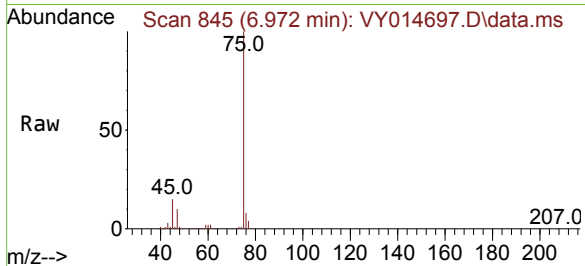




#26
2,2-Dichloropropane
Concen: 1.949 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

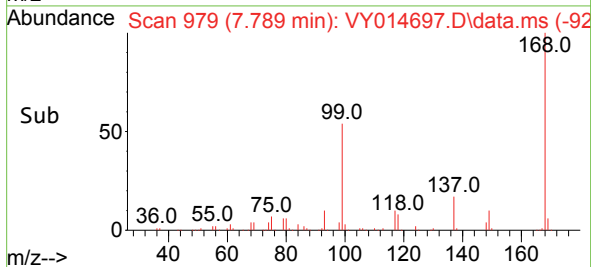
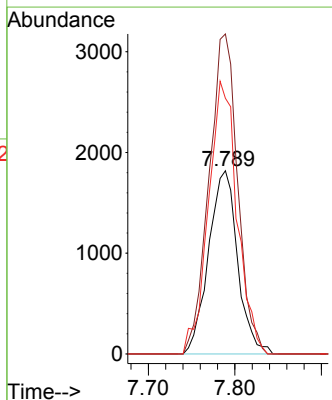
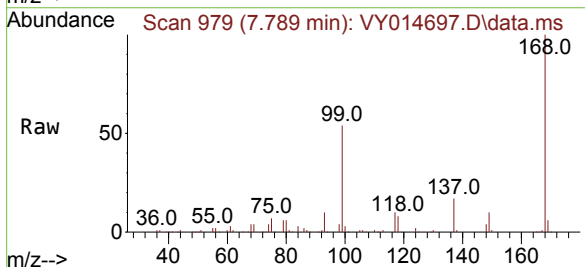
Instrument :
MSVOA_Y
ClientSampleId :
GATE-1

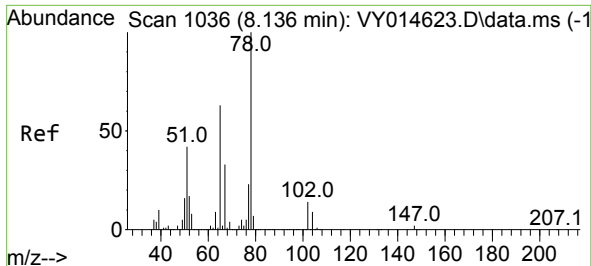
Tgt Ion: 77 Resp: 7675
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

Tgt Ion: 56 Resp: 4227
Ion Ratio Lower Upper
56 100
69 174.7 27.8 41.6#
84 139.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 52.419 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014697.D

Acq: 18 Jul 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

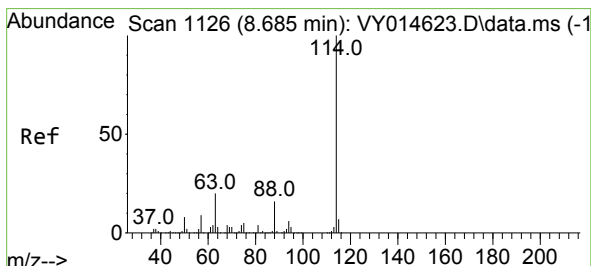
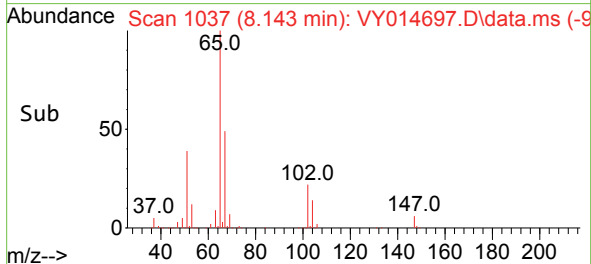
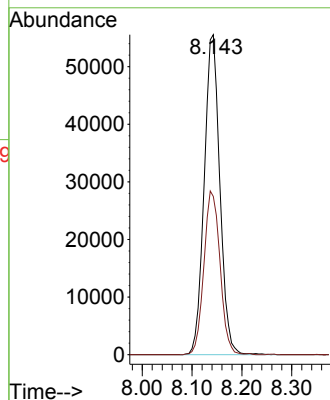
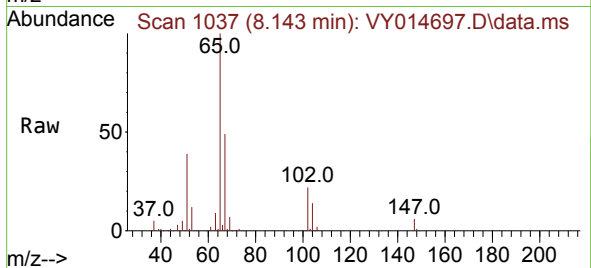
GATE-1

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

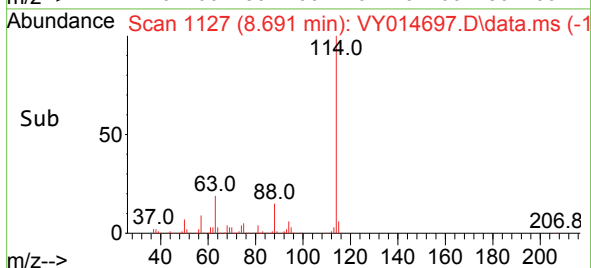
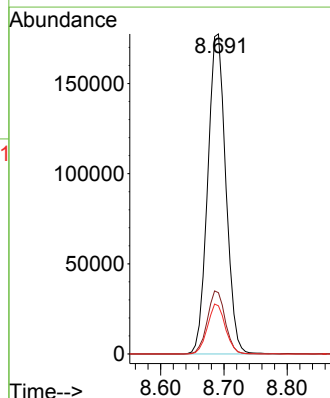
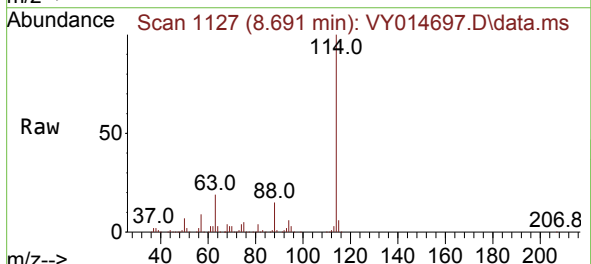
Tgt Ion:114 Resp: 352780

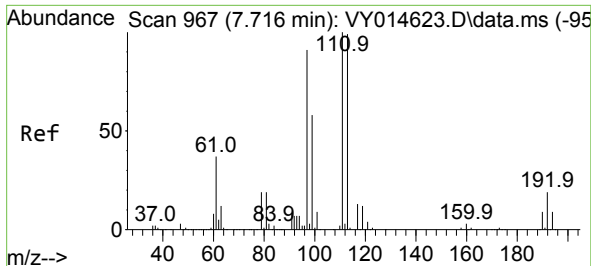
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.1 0.0 30.6

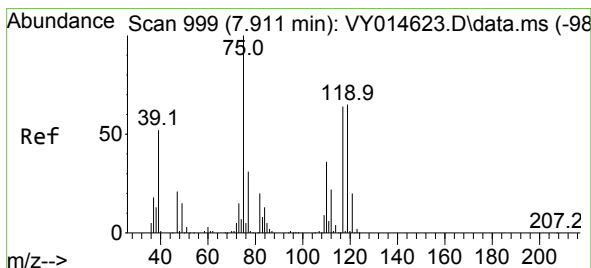
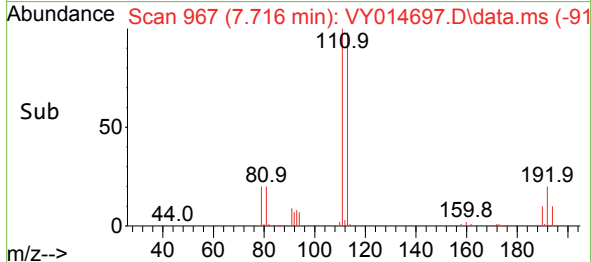
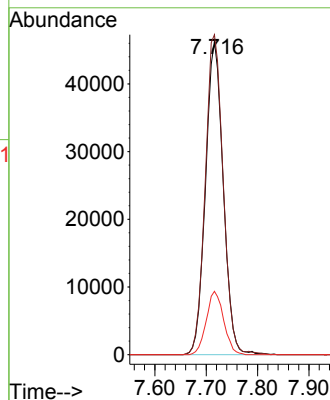
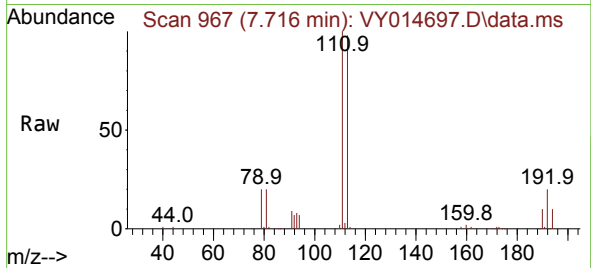




#35
Dibromofluoromethane
Concen: 49.354 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

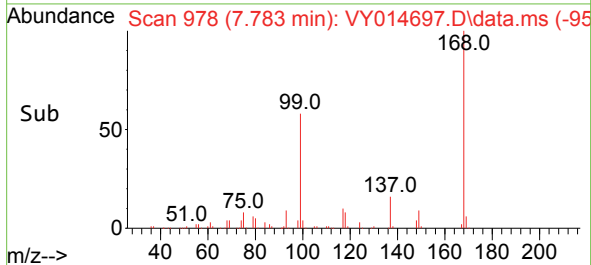
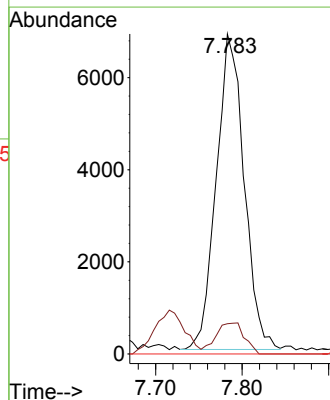
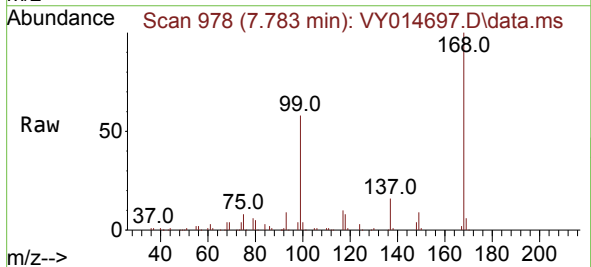
Instrument :
MSVOA_Y
ClientSampleId :
GATE-1

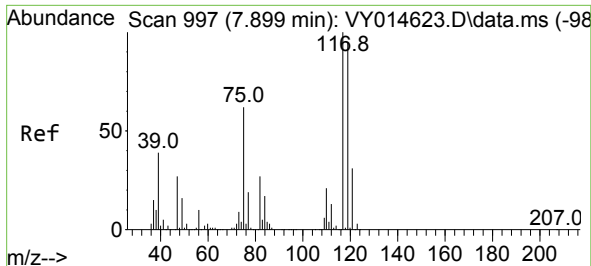
Tgt Ion:113 Resp: 110834
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.552 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

Tgt Ion: 75 Resp: 15287
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#

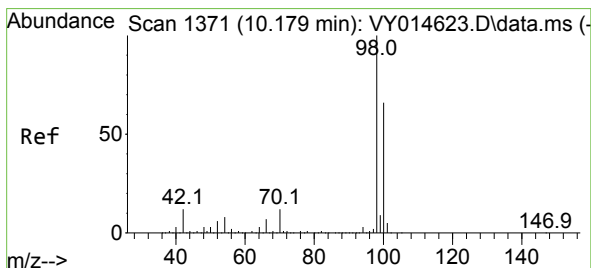
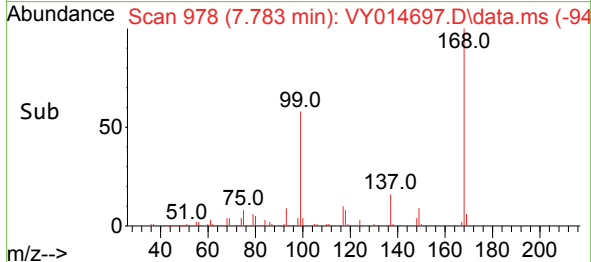
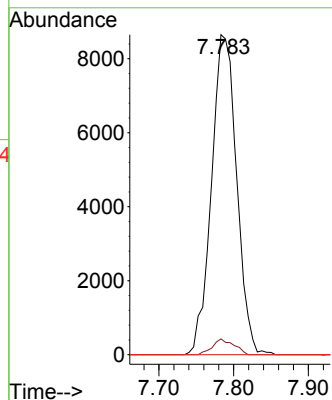
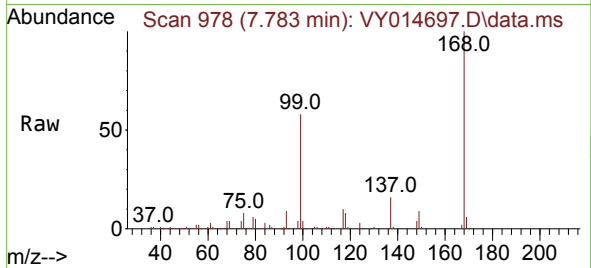




#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

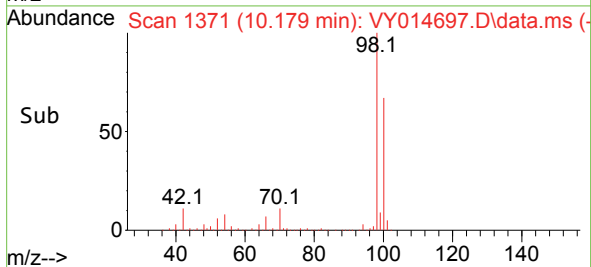
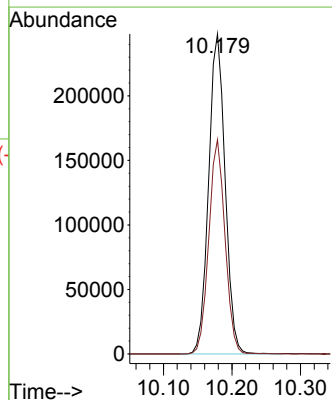
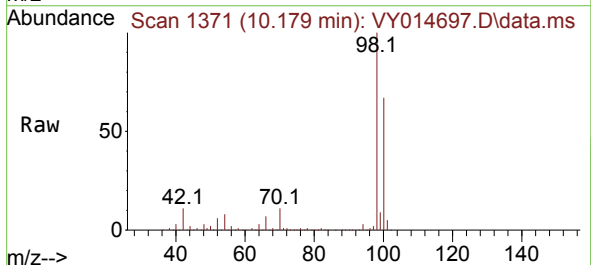
Instrument :
MSVOA_Y
ClientSampleId :
GATE-1

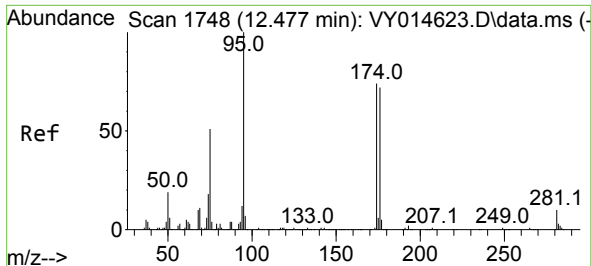
Tgt Ion:117 Resp: 20240
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#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

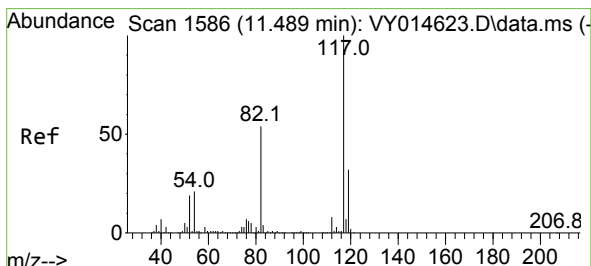
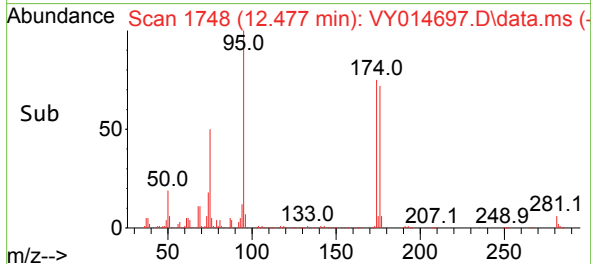
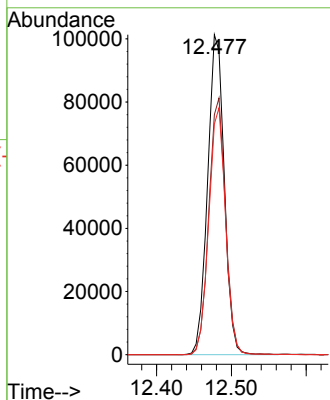
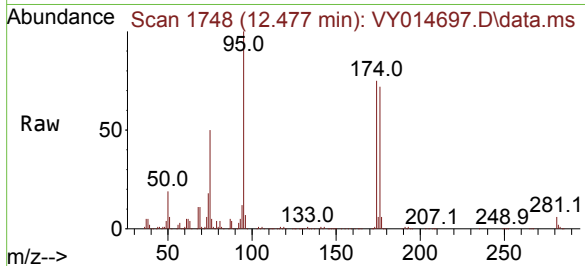




#62
4-Bromofluorobenzene
Concen: 49.542 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

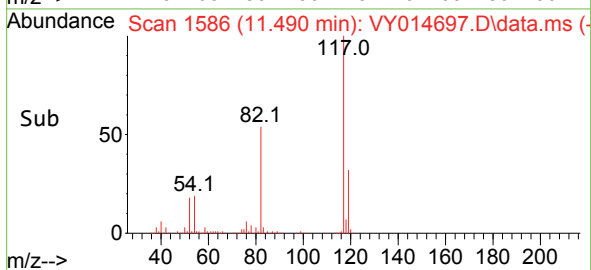
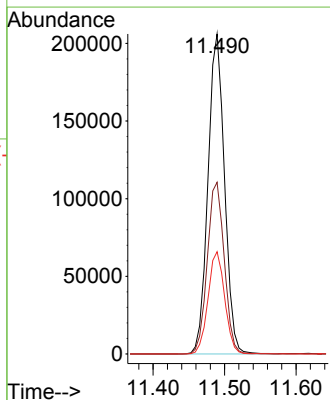
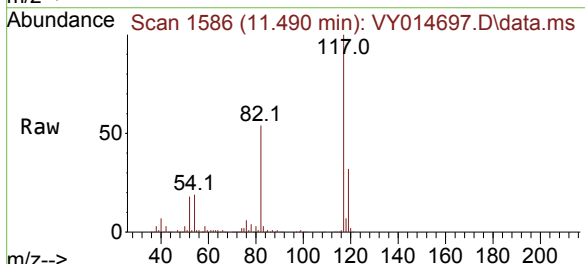
Instrument :
MSVOA_Y
ClientSampleId :
GATE-1

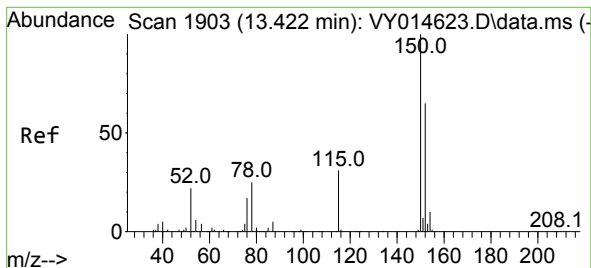
Tgt Ion: 95 Resp: 157279
Ion Ratio Lower Upper
95 100
174 80.5 0.0 178.2
176 77.6 0.0 173.8



#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

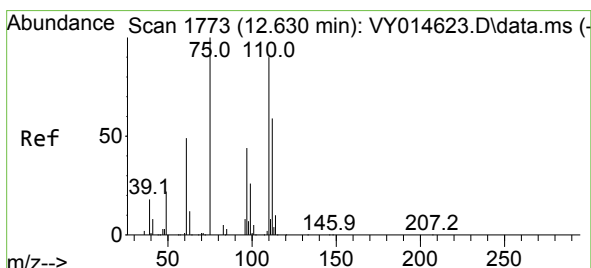
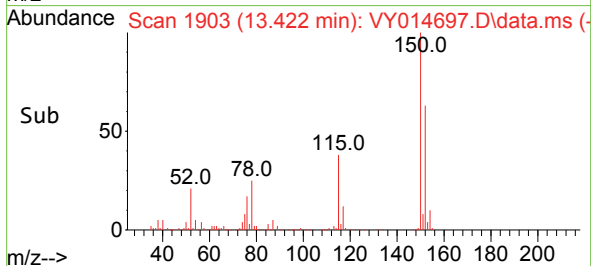
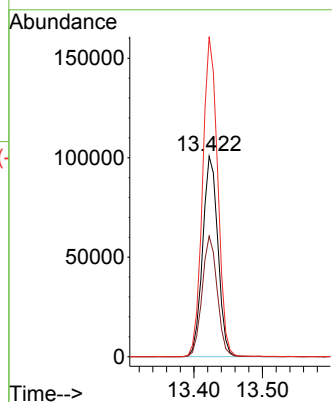
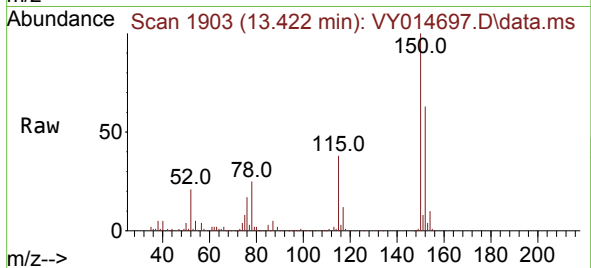
Tgt Ion:152 Resp: 156105

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 157.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.779 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014697.D

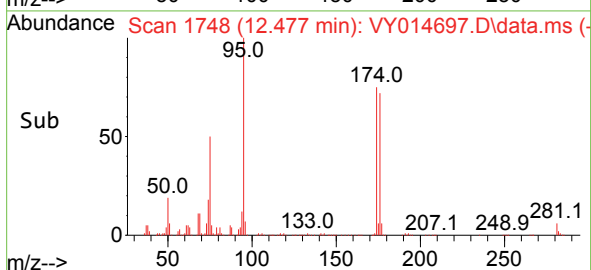
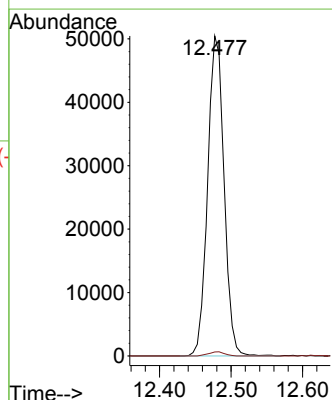
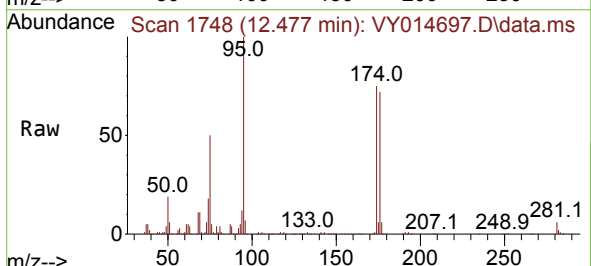
Acq: 18 Jul 2023 13:22

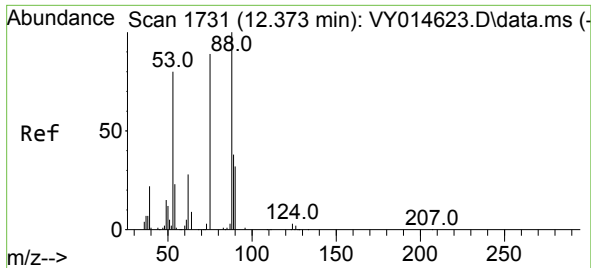
Tgt Ion: 75 Resp: 80398

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.955 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014697.D
Acq: 18 Jul 2023 13:22

Instrument :
MSVOA_Y
ClientSampleId :
GATE-1

Tgt Ion: 75 Resp: 80398
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

