

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014693.D
 Acq On : 18 Jul 2023 11:48
 Operator : SY/MD
 Sample : 03653-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP20

Quant Time: Jul 19 04:01:56 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)

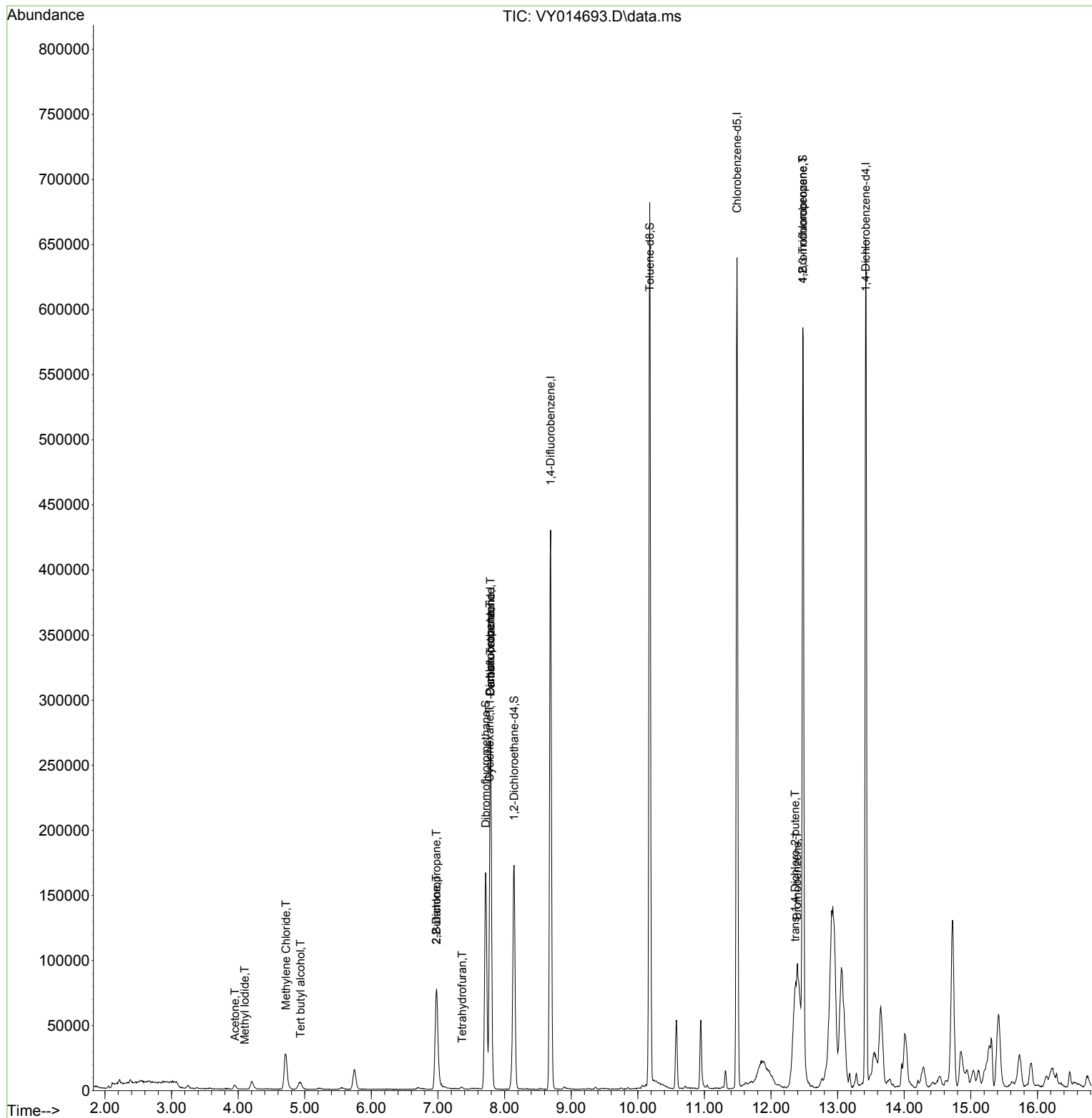
Internal Standards						
1) Pentafluorobenzene	7.789	168	212170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131467	54.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.760%	
35) Dibromofluoromethane	7.716	113	117340	49.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.400%	
50) Toluene-d8	10.179	98	441214	50.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.477	95	168576	50.505	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	260	2.474	ug/l #	48
11) Tert butyl alcohol	4.936	59	6576	1.488	ug/l #	89
16) Acetone	3.954	43	5333	6.961	ug/l	90
20) Methylene Chloride	4.716	84	21701	4.911	ug/l	89
25) 2-Butanone	6.978	43	5038	4.495	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	5804	1.411	ug/l #	54
29) Tetrahydrofuran	7.362	42	1061	1.537	ug/l #	89
31) Cyclohexane	7.777	56	4486	1.118	ug/l #	20
36) 1,1-Dichloropropene	7.783	75	15991	4.529	ug/l #	50
38) Carbon Tetrachloride	7.789	117	21542	5.771	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	89251	42.111	ug/l #	100
77) Bromobenzene	12.392	156	157182	52.405	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.361	75	2731	2.495	ug/l #	23

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

Quant Time: Jul 19 04:01:56 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

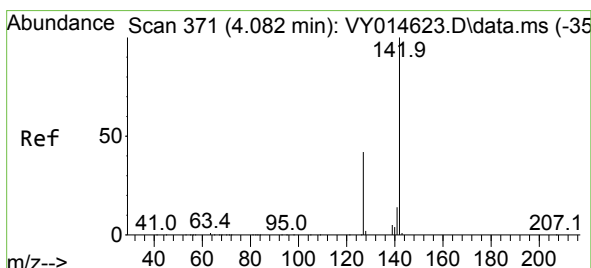
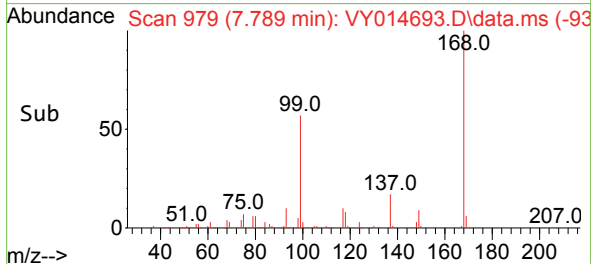
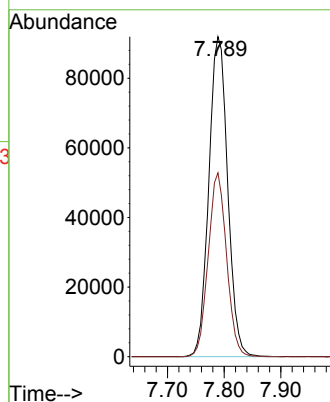
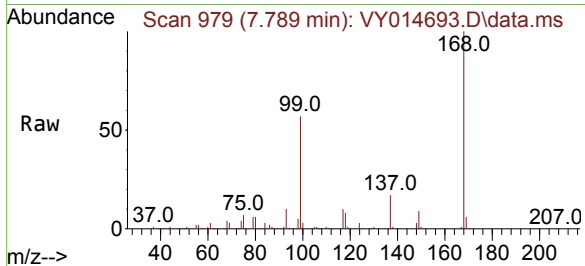




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

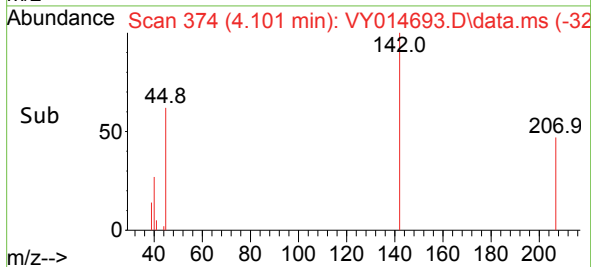
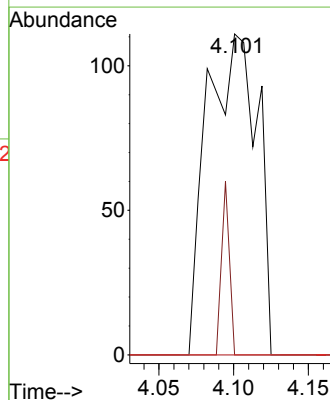
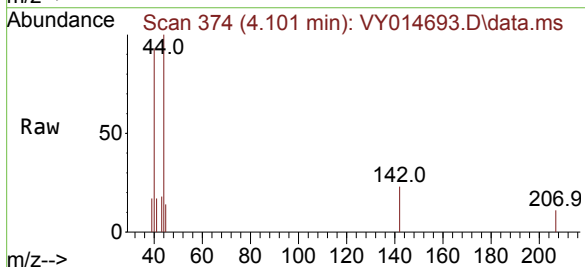
Instrument :
MSVOA_Y
ClientSampleId :
TP20

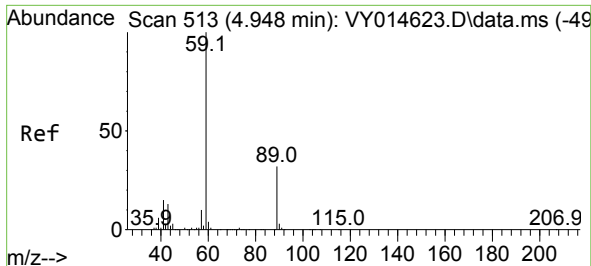
Tgt Ion:168 Resp: 212170
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.474 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

Tgt Ion:142 Resp: 260
Ion Ratio Lower Upper
142 100
127 8.5 37.6 56.4#
141 0.0 11.8 17.8#

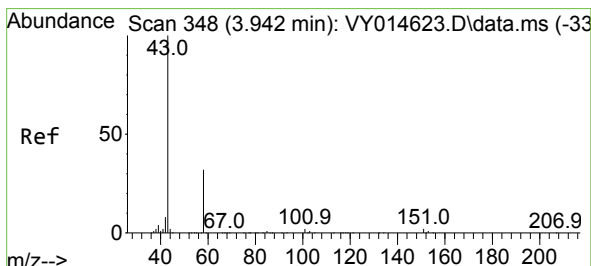
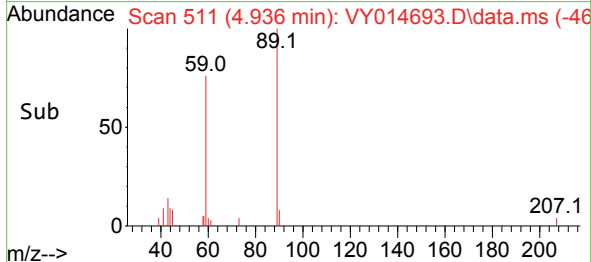
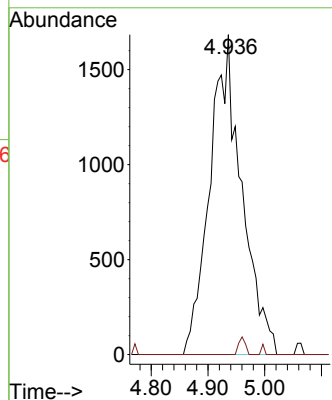
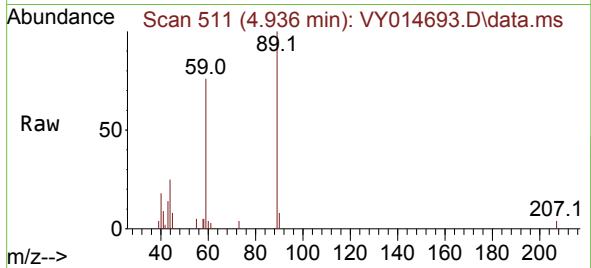




#11
Tert butyl alcohol
Concen: 1.488 ug/l
RT: 4.936 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

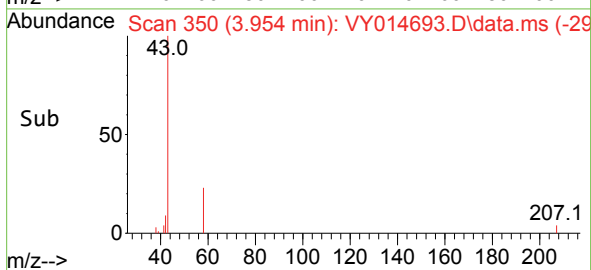
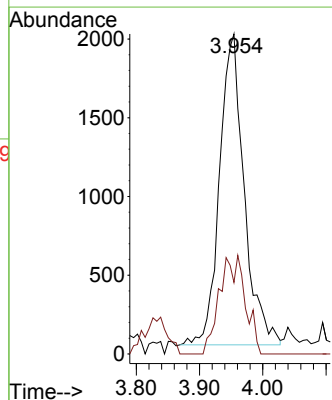
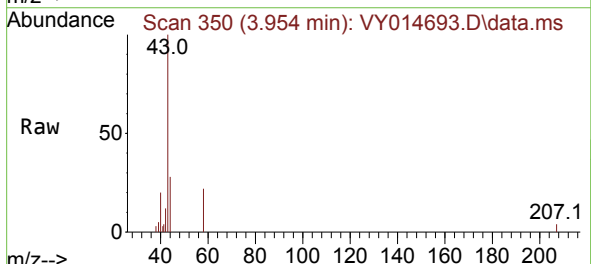
Instrument :
MSVOA_Y
ClientSampleId :
TP20

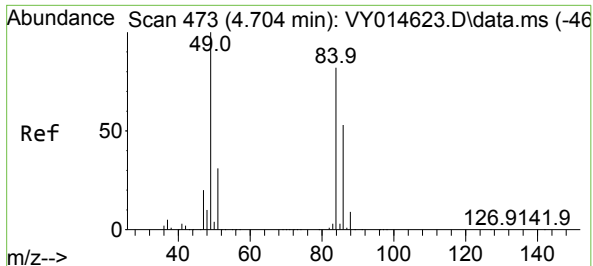
Tgt Ion: 59 Resp: 6576
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 6.961 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

Tgt Ion: 43 Resp: 5333
Ion Ratio Lower Upper
43 100
58 23.0 22.7 34.1

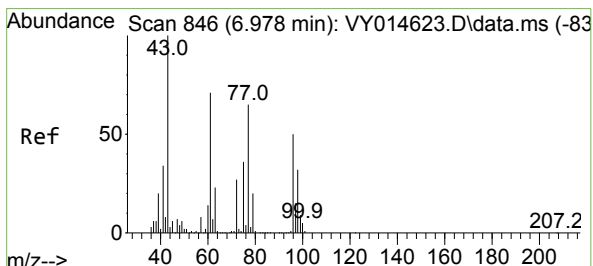
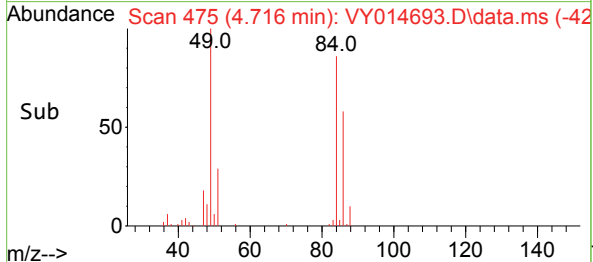
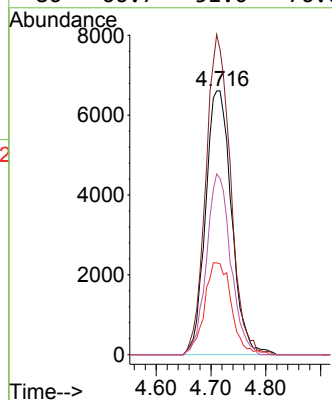
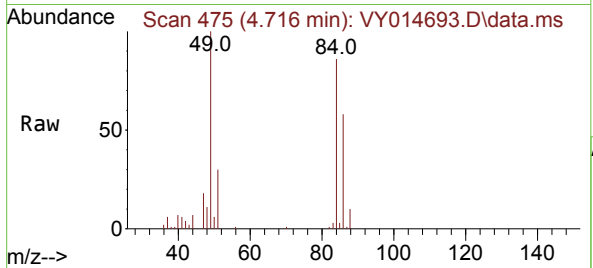




#20
Methylene Chloride
Concen: 4.911 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

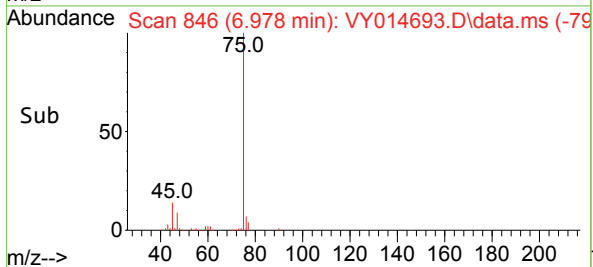
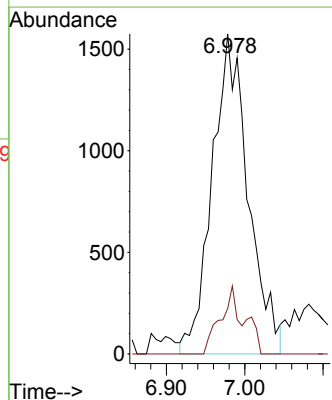
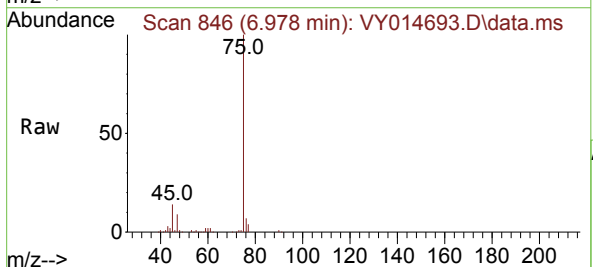
Instrument :
MSVOA_Y
ClientSampleId :
TP20

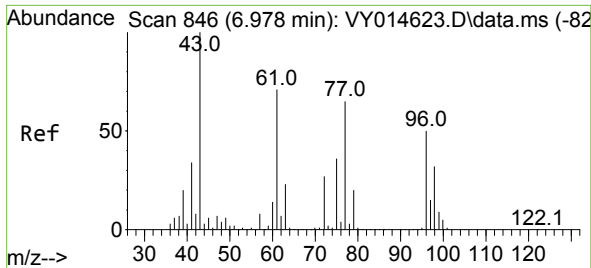
Tgt Ion:	84	Resp:	21701
Ion	Ratio	Lower	Upper
84	100		
49	115.7	106.9	160.3
51	34.4	33.2	49.8
86	66.7	51.0	76.6



#25
2-Butanone
Concen: 4.495 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

Tgt Ion:	43	Resp:	5038
Ion	Ratio	Lower	Upper
43	100		
72	14.8	20.5	30.7#

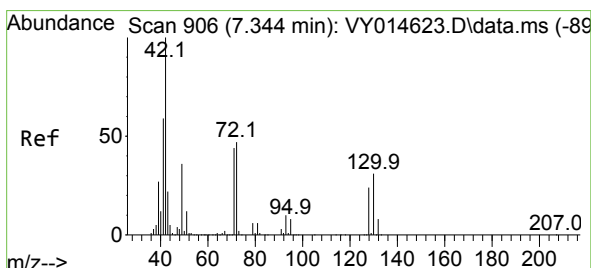
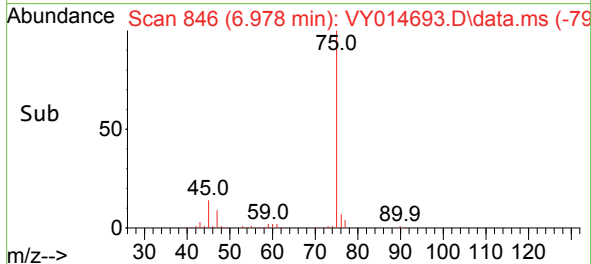
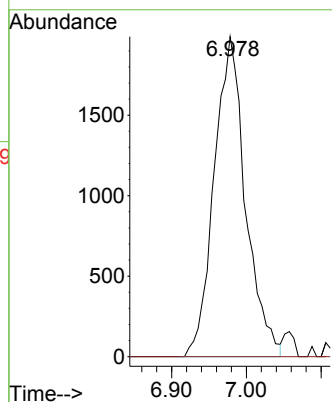
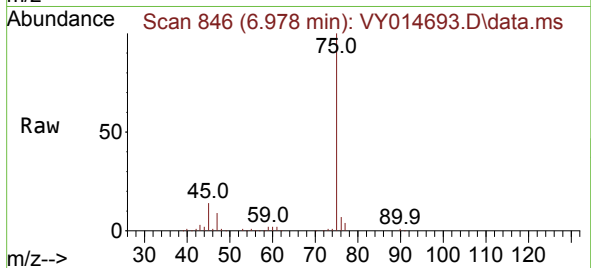




#26
2,2-Dichloropropane
Concen: 1.411 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

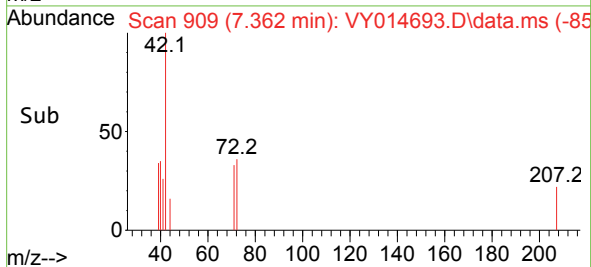
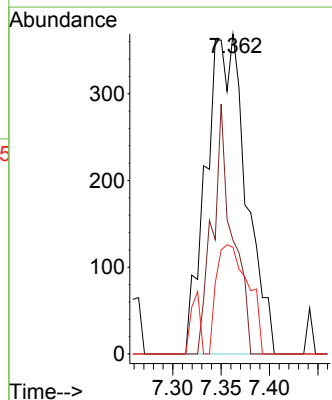
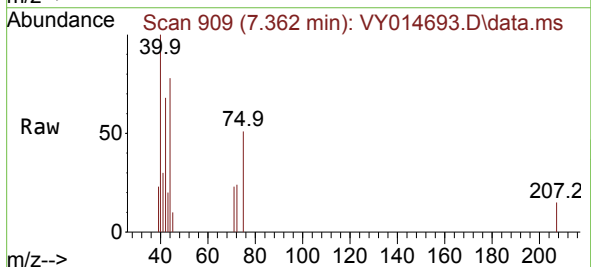
Instrument :
MSVOA_Y
ClientSampleId :
TP20

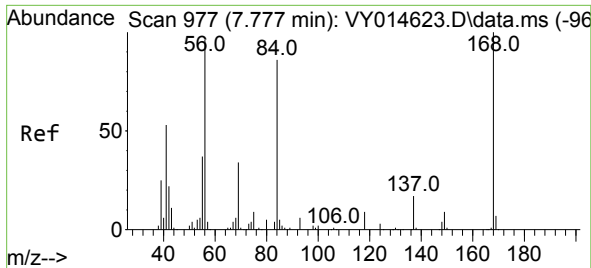
Tgt Ion: 77 Resp: 5804
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#29
Tetrahydrofuran
Concen: 1.537 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

Tgt Ion: 42 Resp: 1061
Ion Ratio Lower Upper
42 100
72 38.7 32.8 49.2
71 27.1 31.0 46.4#

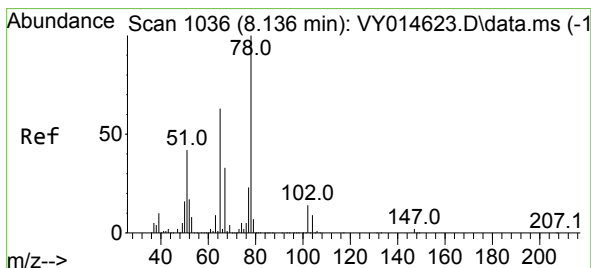
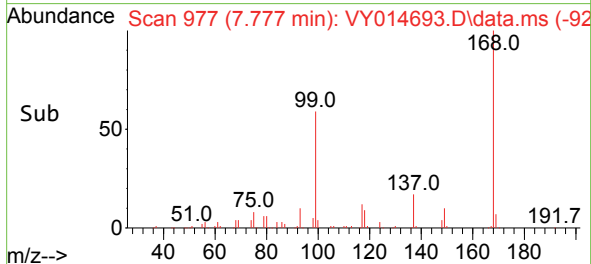
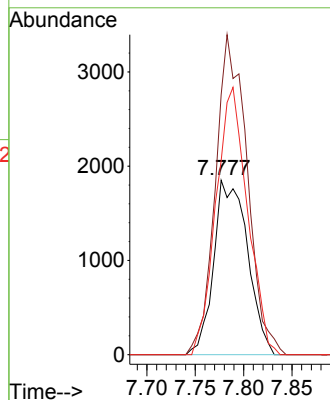
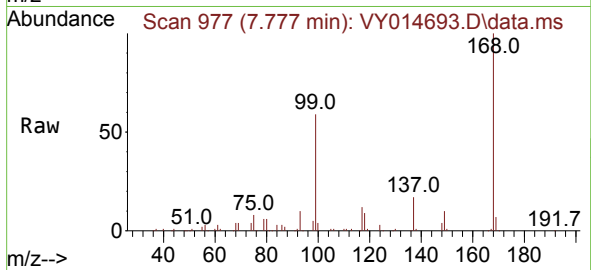




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

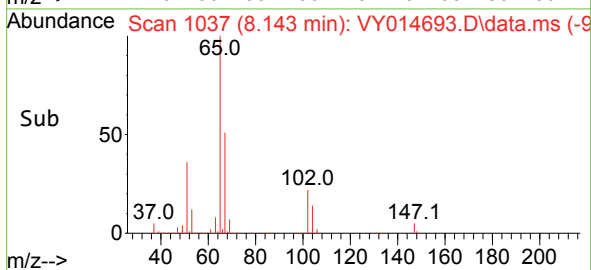
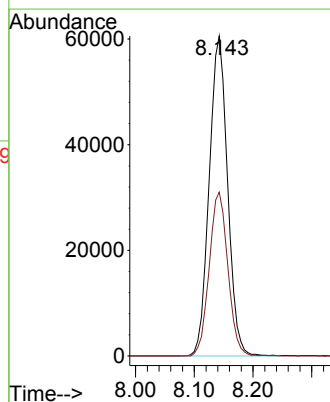
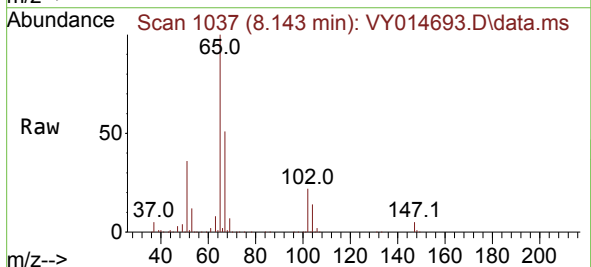
Instrument :
MSVOA_Y
ClientSampleId :
TP20

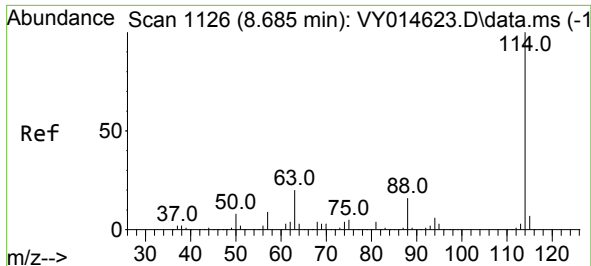
Tgt Ion: 56 Resp: 4486
Ion Ratio Lower Upper
56 100
69 149.1 27.8 41.6#
84 111.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.376 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

Tgt Ion: 65 Resp: 131467
Ion Ratio Lower Upper
65 100
67 51.9 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: VY014693.D

Acq: 18 Jul 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

TP20

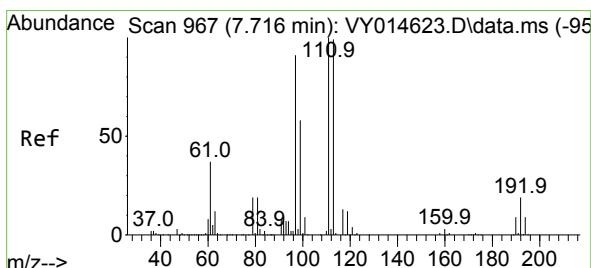
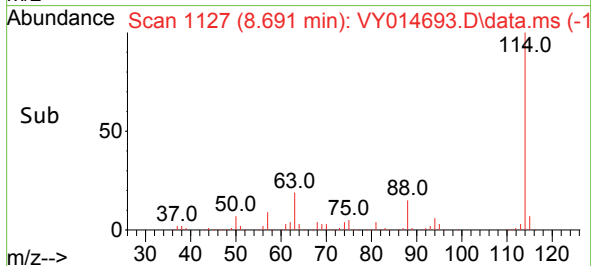
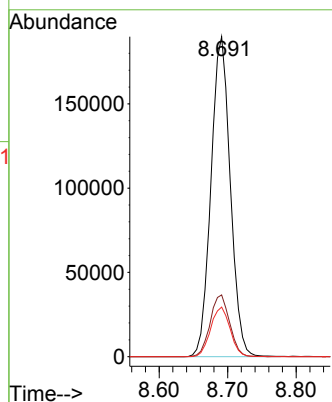
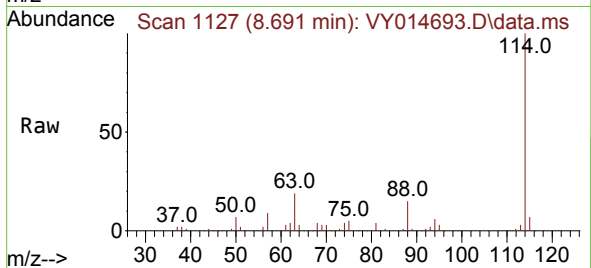
Tgt Ion:114 Resp: 370913

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.696 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014693.D

Acq: 18 Jul 2023 11:48

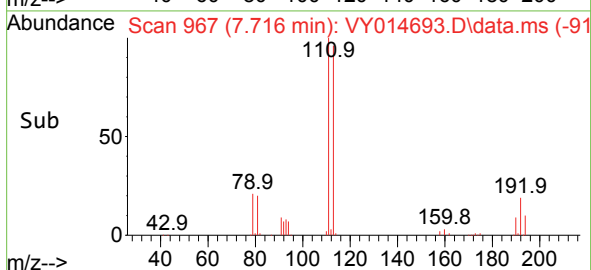
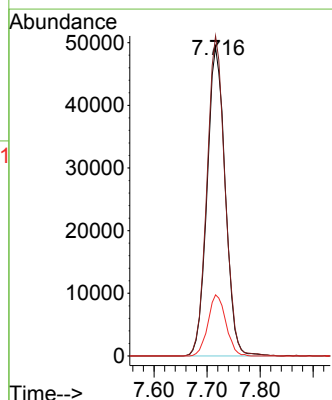
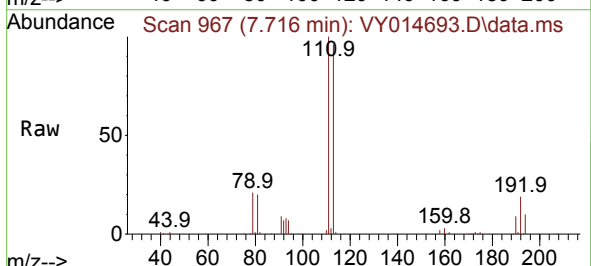
Tgt Ion:113 Resp: 117340

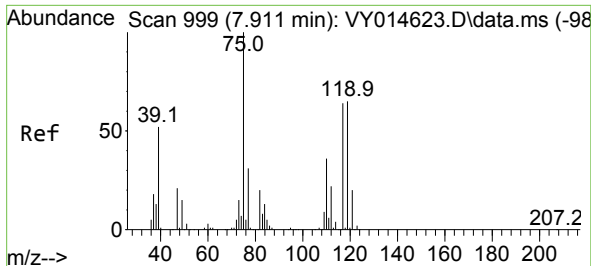
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.6 16.9 25.3

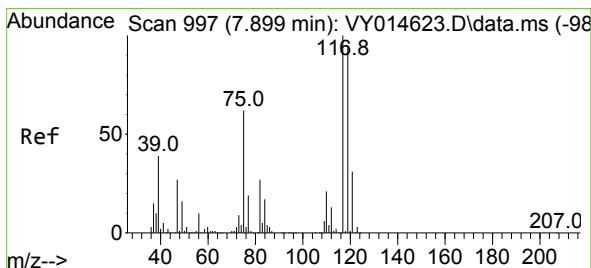
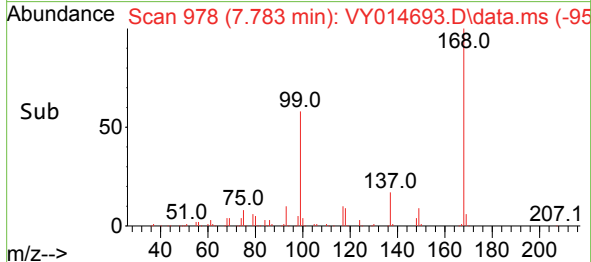
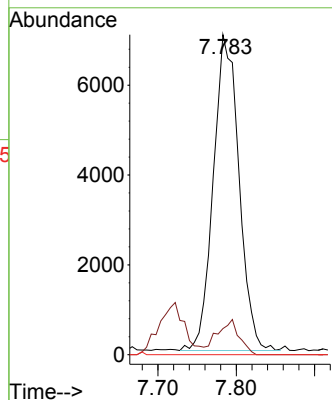
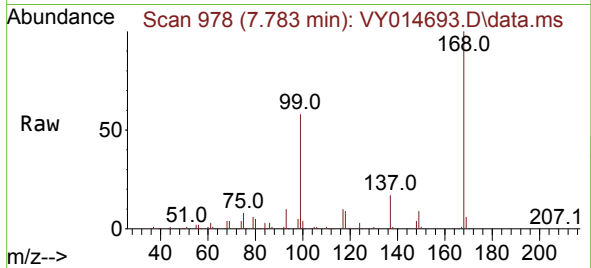




#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

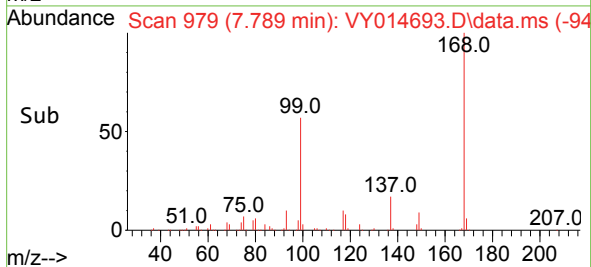
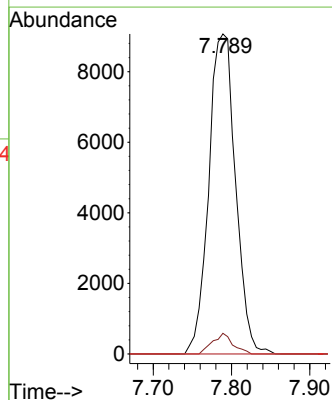
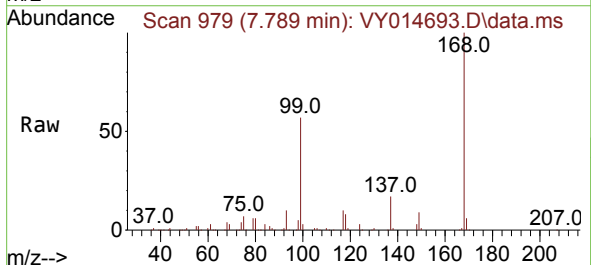
Instrument :
MSVOA_Y
ClientSampleId :
TP20

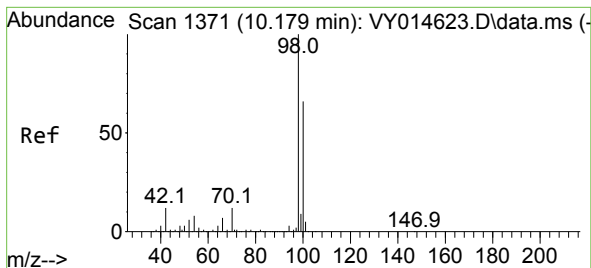
Tgt Ion: 75 Resp: 15991
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.771 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

Tgt Ion: 117 Resp: 21542
Ion Ratio Lower Upper
117 100
119 6.5 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.685 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014693.D

Acq: 18 Jul 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

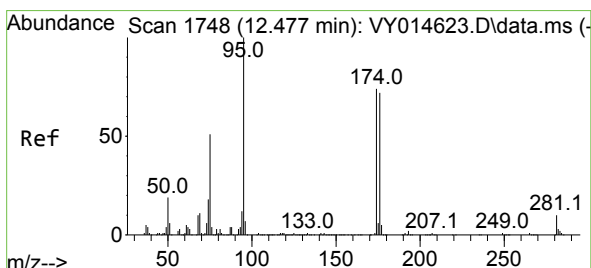
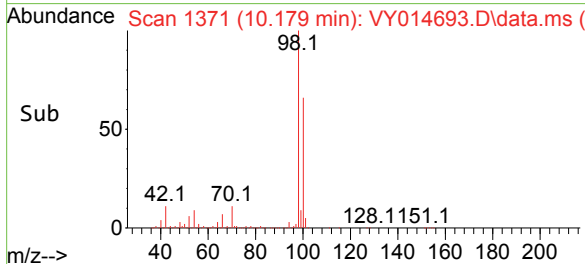
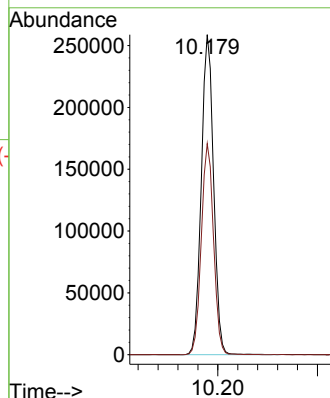
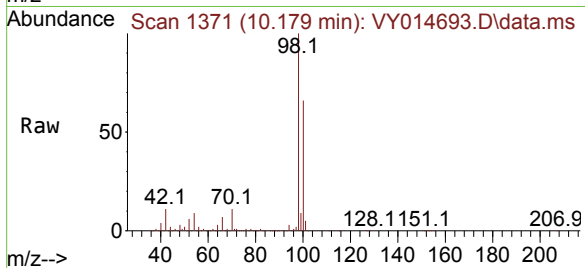
TP20

Tgt Ion: 98 Resp: 441214

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.505 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY014693.D

Acq: 18 Jul 2023 11:48

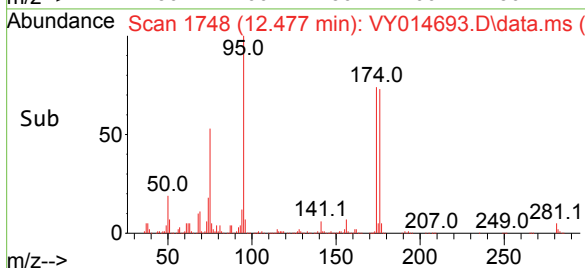
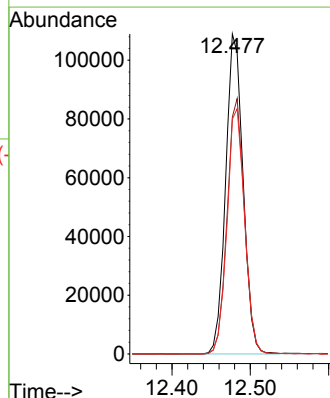
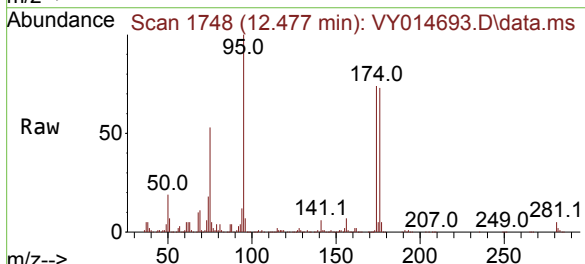
Tgt Ion: 95 Resp: 168576

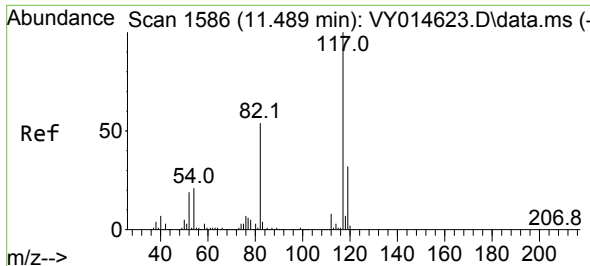
Ion Ratio Lower Upper

95 100

174 79.7 0.0 178.2

176 77.2 0.0 173.8

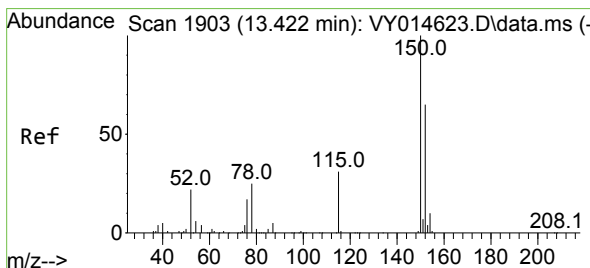
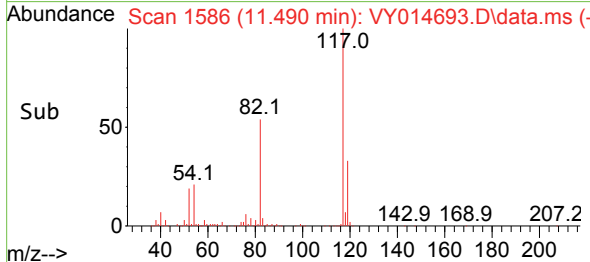
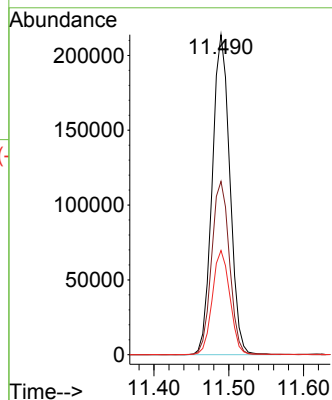
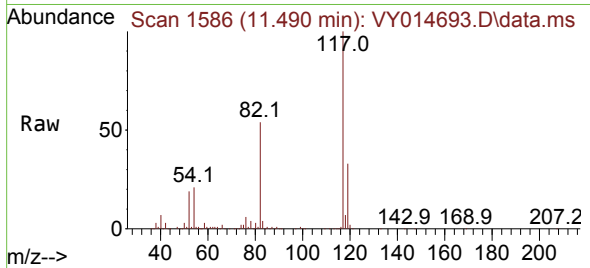




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

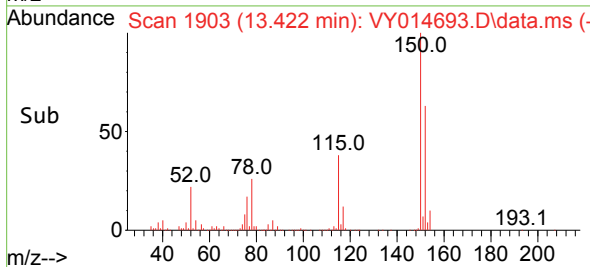
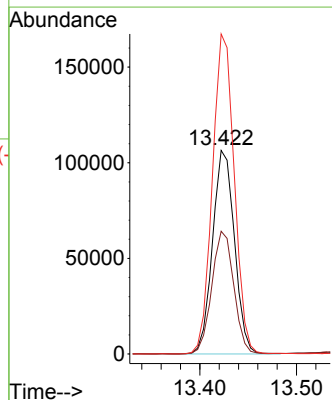
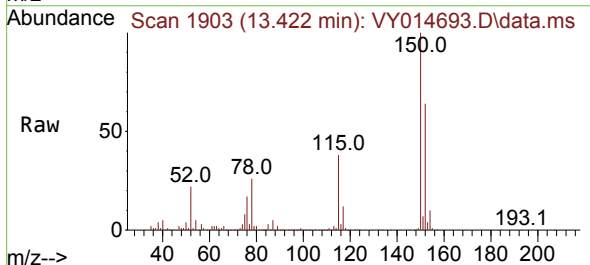
Instrument :
MSVOA_Y
ClientSampleId :
TP20

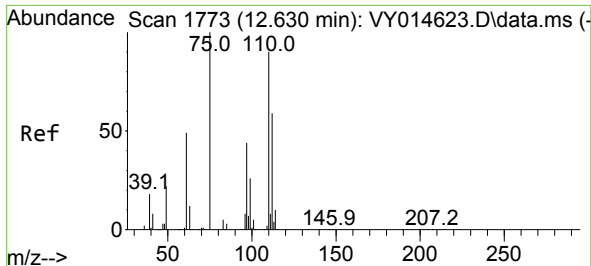
Tgt Ion:117 Resp: 351527
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

Tgt Ion:152 Resp: 167811
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.5
150 156.7 0.0 348.8

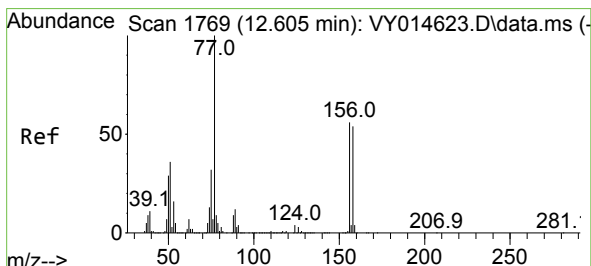
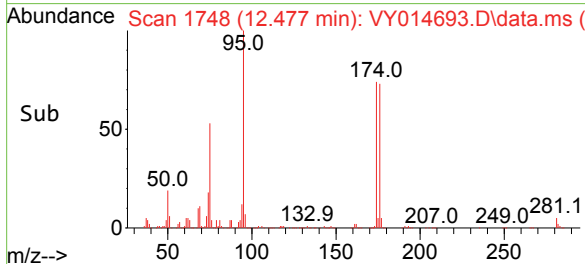
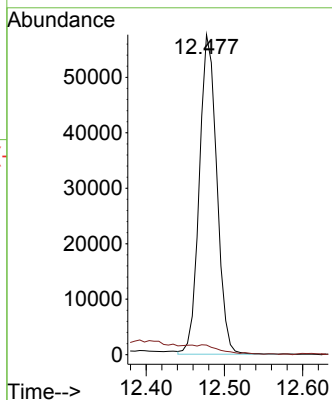
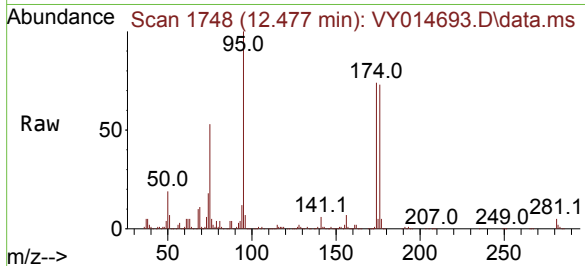




#76
1,2,3-Trichloropropane
Concen: 42.111 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.153 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

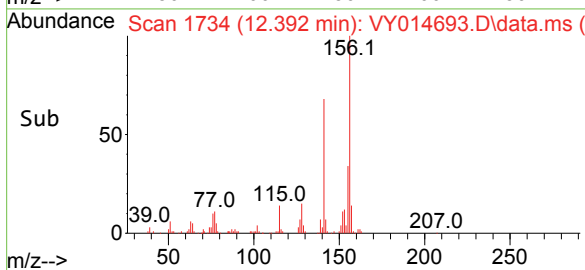
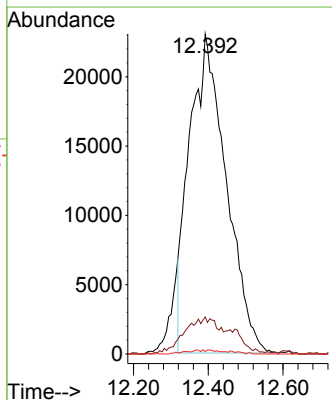
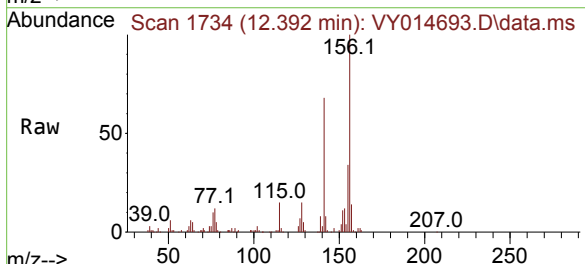
Instrument :
MSVOA_Y
ClientSampleId :
TP20

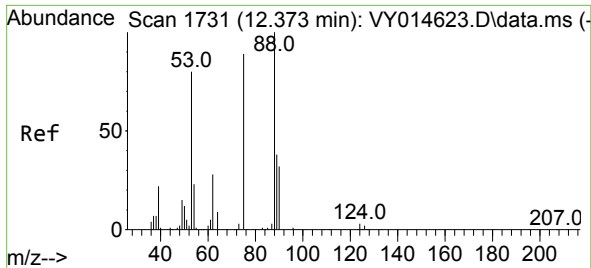
Tgt Ion: 75 Resp: 89251
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 52.405 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.213 min
Lab File: VY014693.D
Acq: 18 Jul 2023 11:48

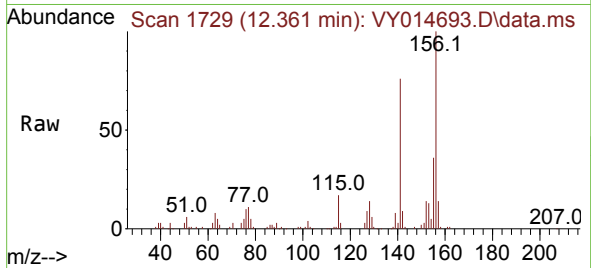
Tgt Ion:156 Resp: 157182
Ion Ratio Lower Upper
156 100
77 3.0 92.8 278.6#
158 0.0 48.4 145.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.495 ug/l
 RT: 12.361 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY014693.D
 Acq: 18 Jul 2023 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP20



Tgt Ion	Ratio	Lower	Upper
75	100		
53	19.0	77.8	116.8#
89	0.0	37.4	56.0#

