

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014778.D
 Acq On : 24 Jul 2023 17:29
 Operator : SY/MD
 Sample : 03719-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P11B

Quant Time: Jul 25 01:30:54 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)

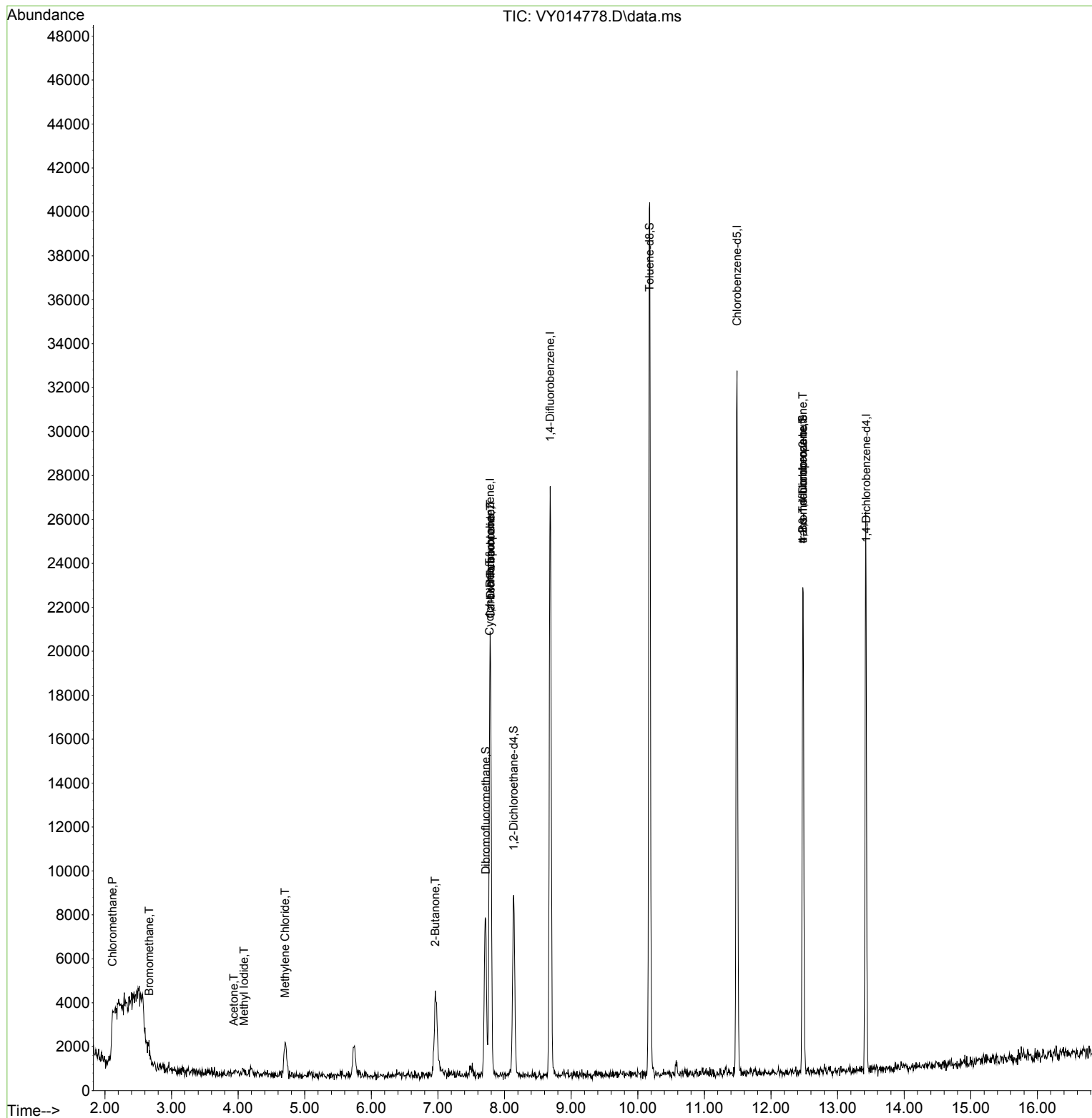
Internal Standards						
1) Pentafluorobenzene	7.783	168	16369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	6672	35.769	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	71.540%		
35) Dibromofluoromethane	7.716	113	5319	34.824	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	69.640%		
50) Toluene-d8	10.179	98	27480	48.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.477	95	6991	32.377	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	64.760%		
Target Compounds			Qvalue			
3) Chloromethane	2.113	50	417	2.782	ug/l #	65
5) Bromomethane	2.662	94	322	2.908	ug/l	99
10) Methyl Iodide	4.088	142	326	4.068	ug/l #	77
11) Tert butyl alcohol	4.924	59	45	Below Cal	#	89
16) Acetone	3.936	43	194	3.282	ug/l #	46
20) Methylene Chloride	4.704	84	1258	2.543	ug/l #	81
25) 2-Butanone	6.960	43	343	3.966	ug/l #	49
31) Cyclohexane	7.777	56	324	1.046	ug/l #	41
36) 1,1-Dichloropropene	7.789	75	1300	5.691	ug/l #	41
38) Carbon Tetrachloride	7.789	117	1498	6.204	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	3659	45.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3659	88.588	ug/l #	10

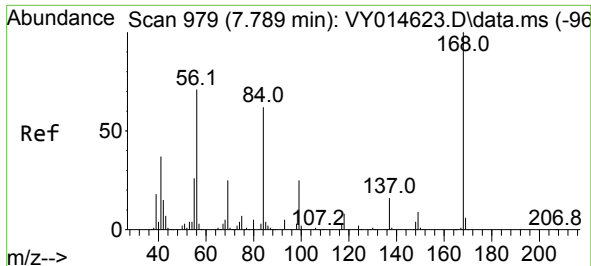
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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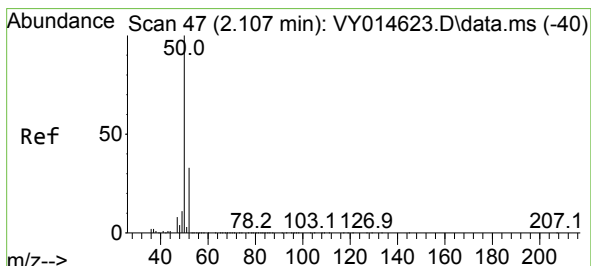
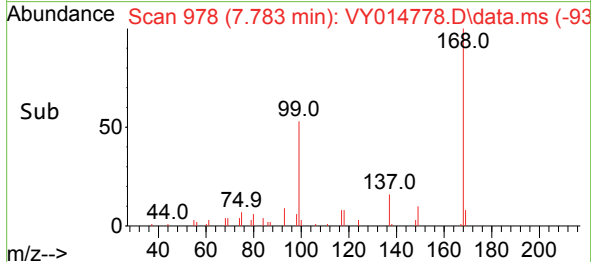
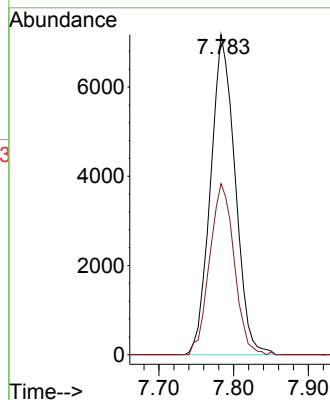
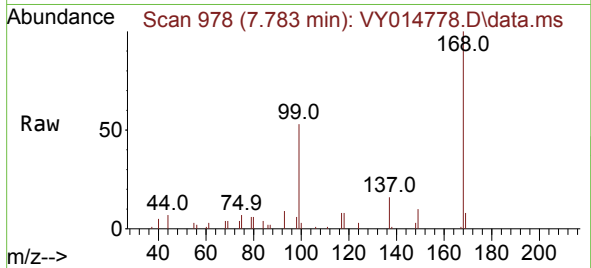




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

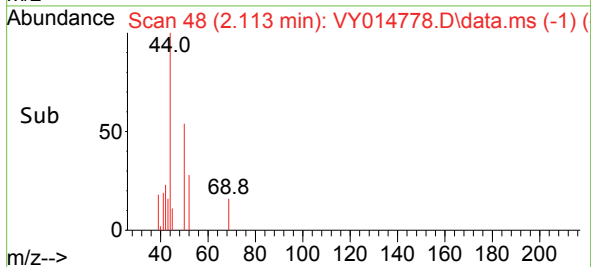
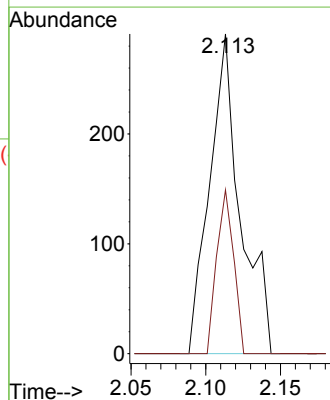
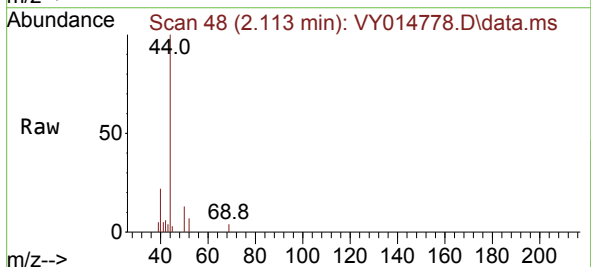
Instrument :
MSVOA_Y
ClientSampleId :
B-P11B

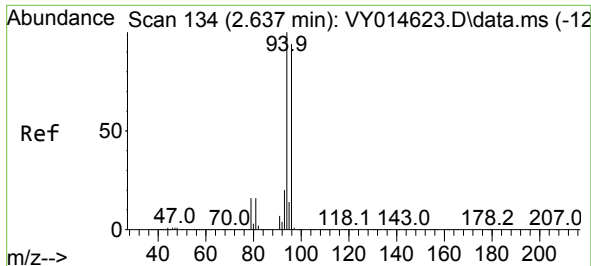
Tgt Ion:168 Resp: 16369
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#3
Chloromethane
Concen: 2.782 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 51.2 25.4 38.2#

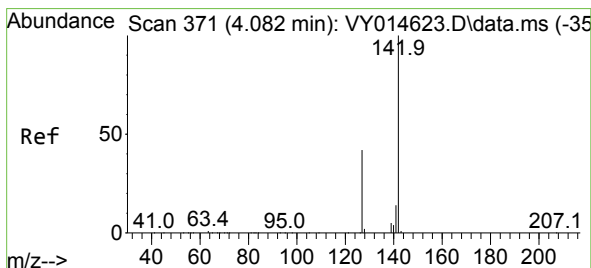
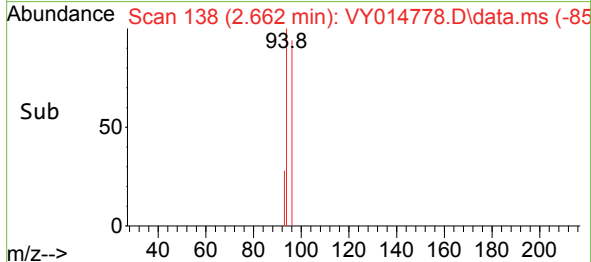
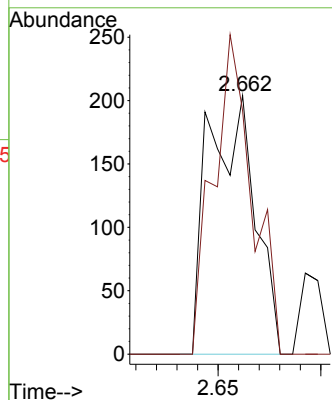
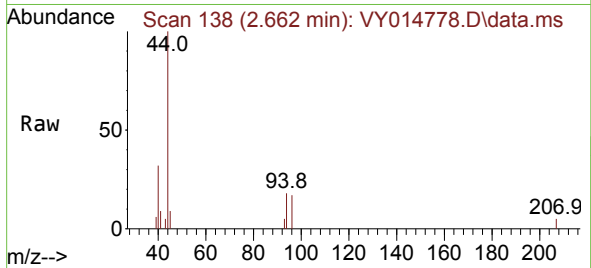




#5
Bromomethane
Concen: 2.908 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

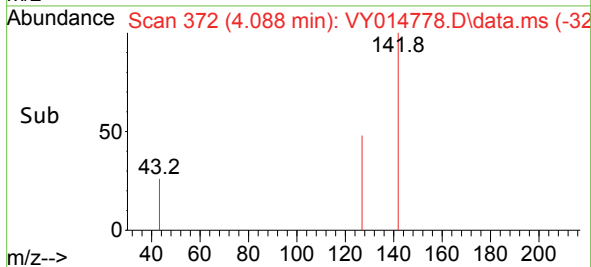
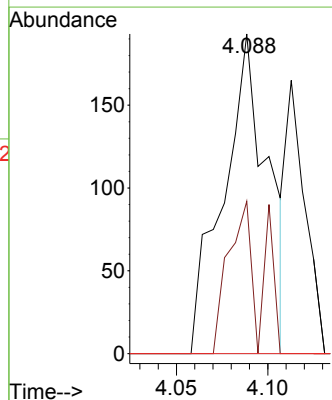
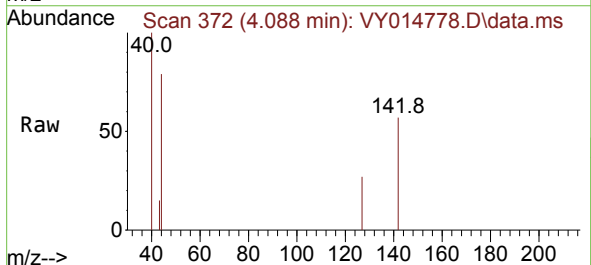
Instrument :
MSVOA_Y
ClientSampleId :
B-P11B

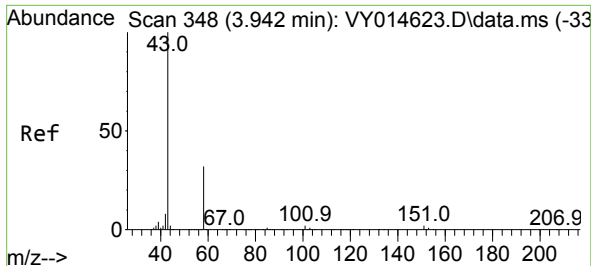
Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.6



#10
Methyl Iodide
Concen: 4.068 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

Tgt Ion: 142 Resp: 326
Ion Ratio Lower Upper
142 100
127 34.4 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 3.282 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY014778.D

Acq: 24 Jul 2023 17:29

Instrument :

MSVOA_Y

ClientSampleId :

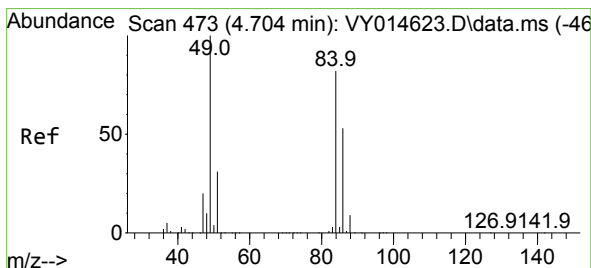
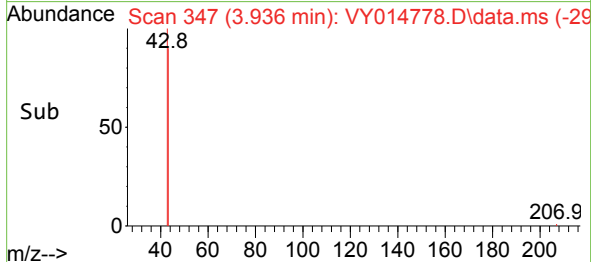
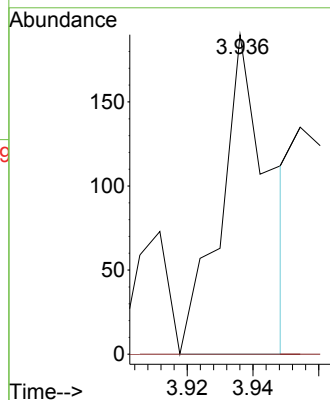
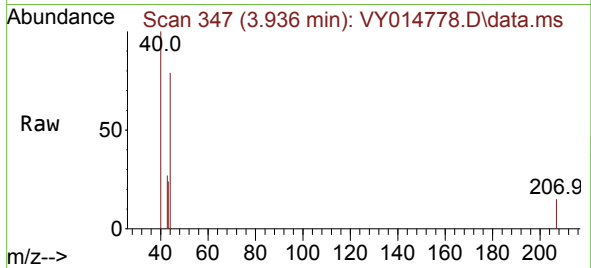
B-P11B

Tgt Ion: 43 Resp: 194

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#20

Methylene Chloride

Concen: 2.543 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY014778.D

Acq: 24 Jul 2023 17:29

Tgt Ion: 84 Resp: 1258

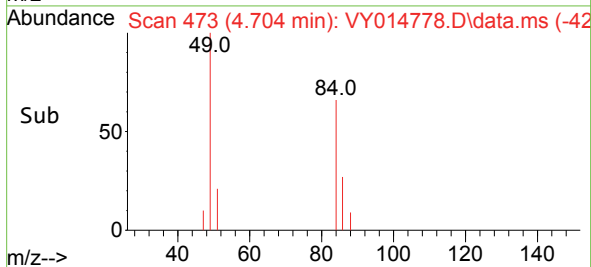
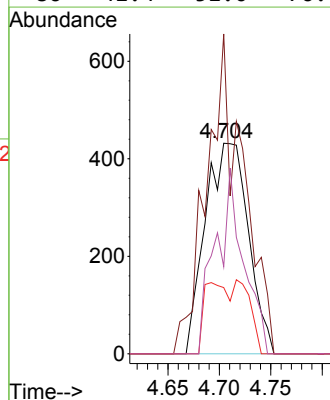
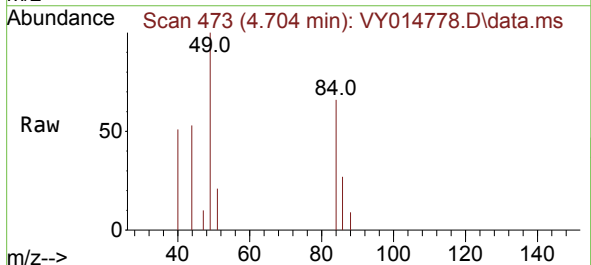
Ion Ratio Lower Upper

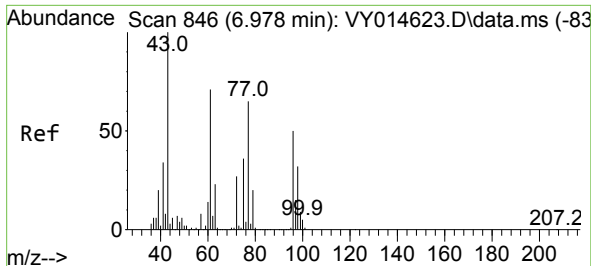
84 100

49 151.9 106.9 160.3

51 31.5 33.2 49.8#

86 41.4 51.0 76.6#

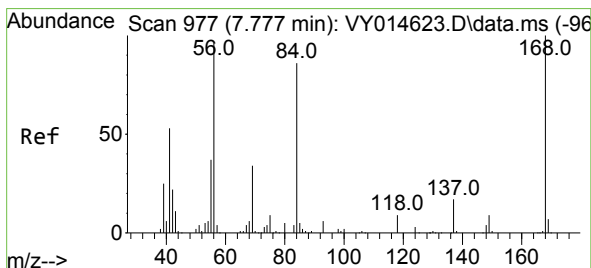
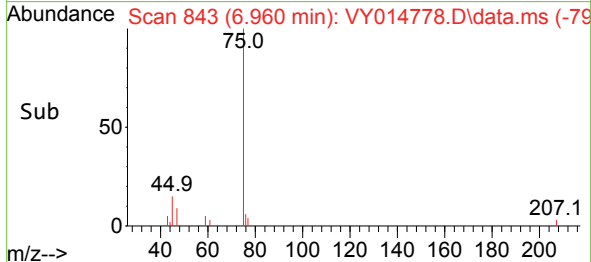
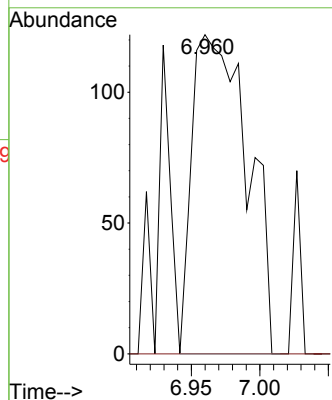
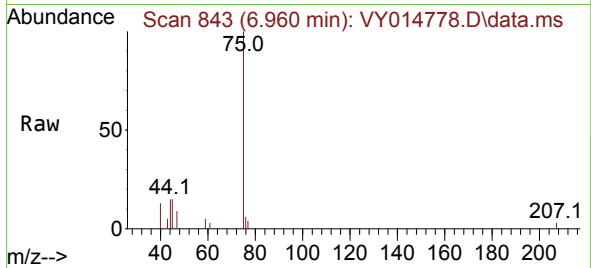




#25
2-Butanone
Concen: 3.966 ug/l
RT: 6.960 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

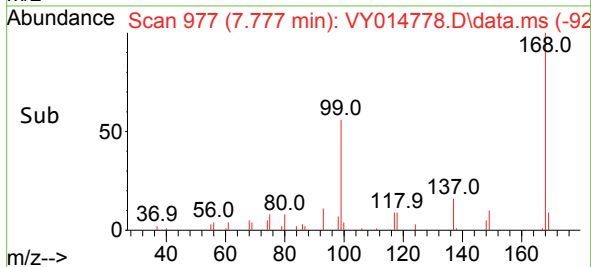
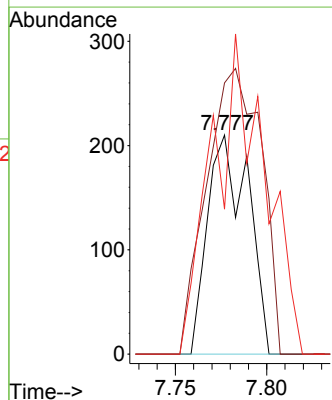
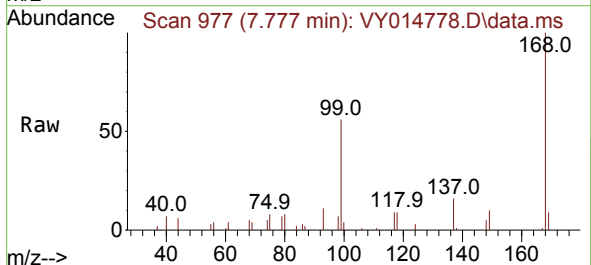
Instrument :
MSVOA_Y
ClientSampleId :
B-P11B

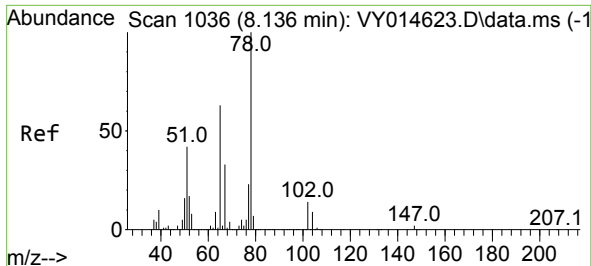
Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

Tgt Ion: 56 Resp: 324
Ion Ratio Lower Upper
56 100
69 123.8 27.8 41.6#
84 66.2 66.4 99.6#

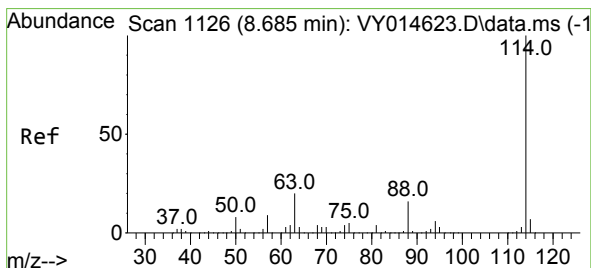
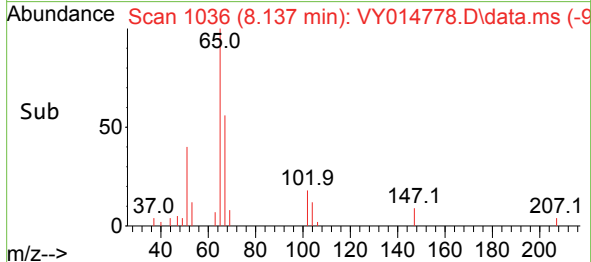
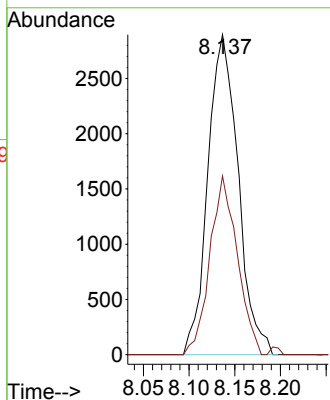
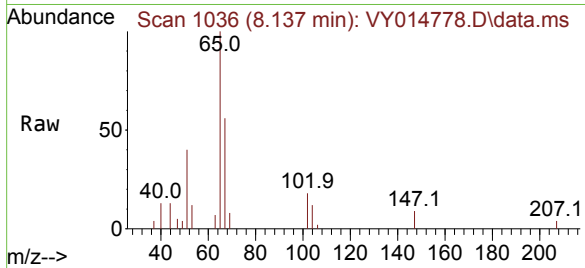




#33
 1,2-Dichloroethane-d4
 Concen: 35.769 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014778.D
 Acq: 24 Jul 2023 17:29

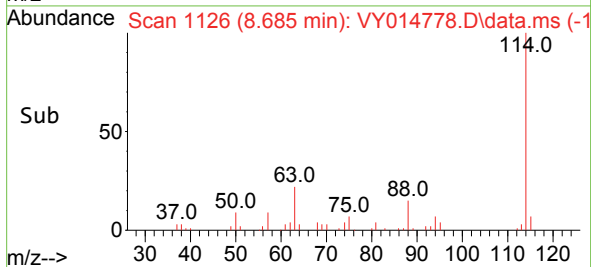
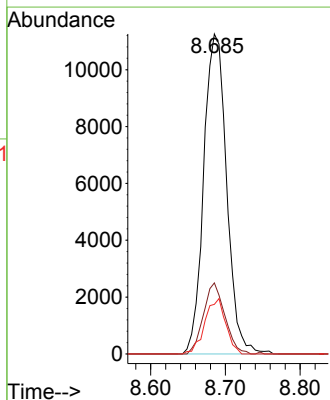
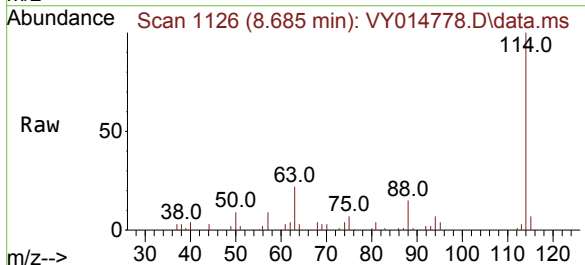
Instrument :
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 B-P11B

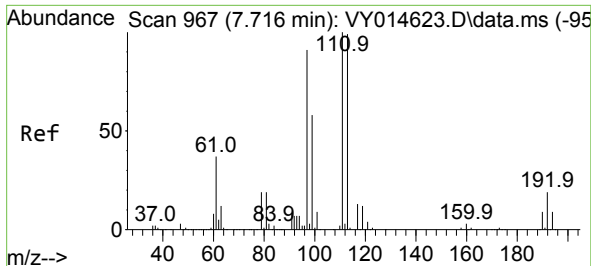
Tgt Ion: 65 Resp: 6672
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014778.D
 Acq: 24 Jul 2023 17:29

Tgt Ion: 114 Resp: 23994
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.4
 88 15.5 0.0 30.6

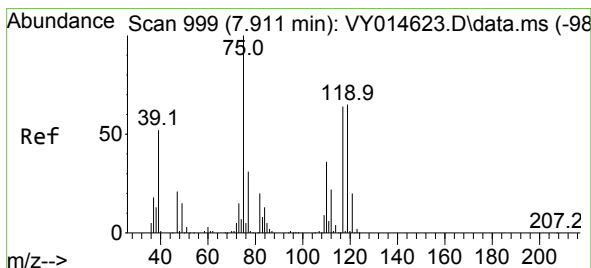
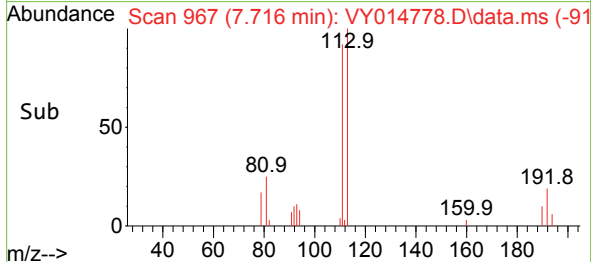
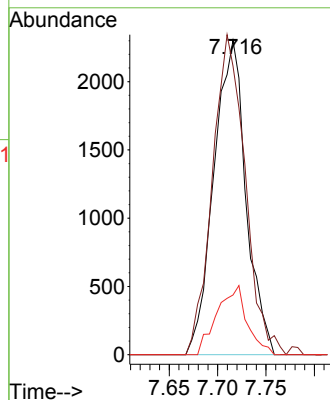
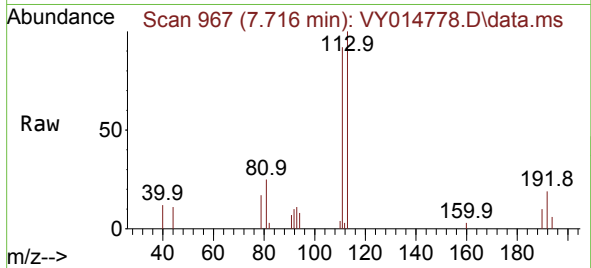




#35
Dibromofluoromethane
Concen: 34.824 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

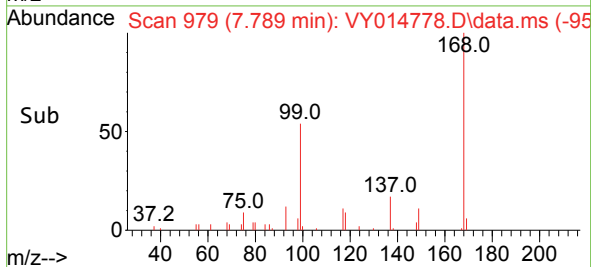
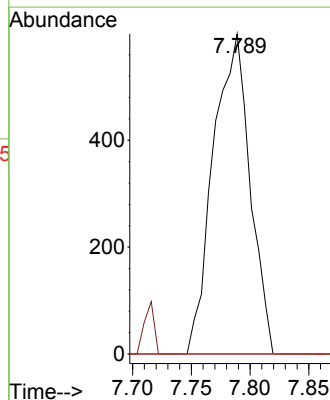
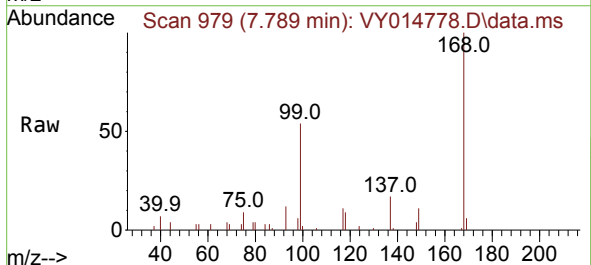
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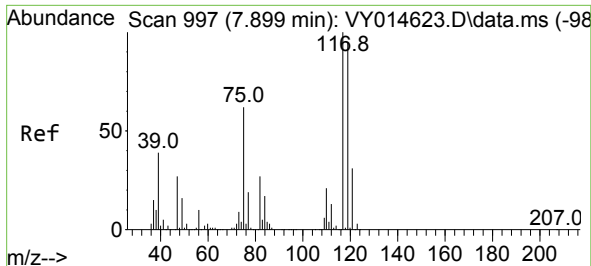
Tgt Ion:113 Resp: 5319
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.691 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

Tgt Ion: 75 Resp: 1300
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#

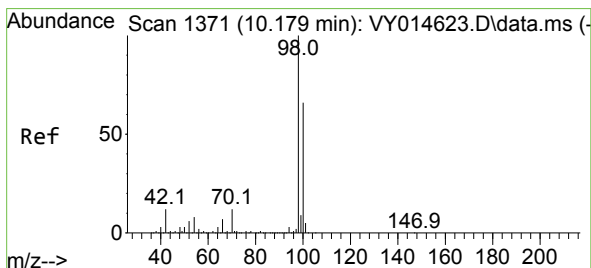
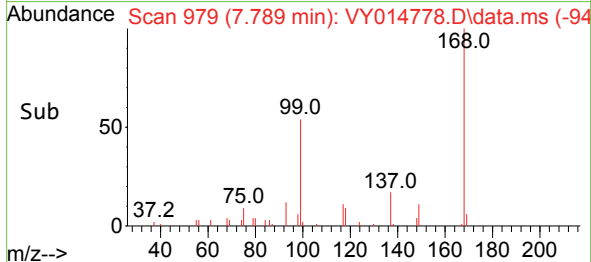
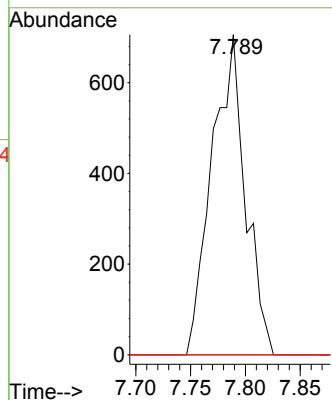
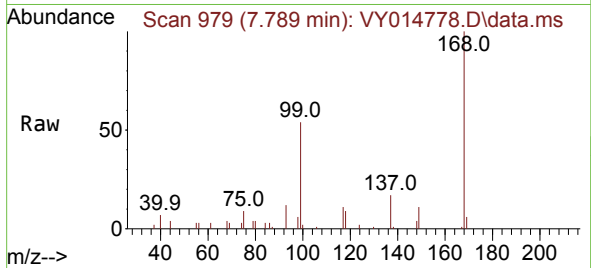




#38
Carbon Tetrachloride
Concen: 6.204 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

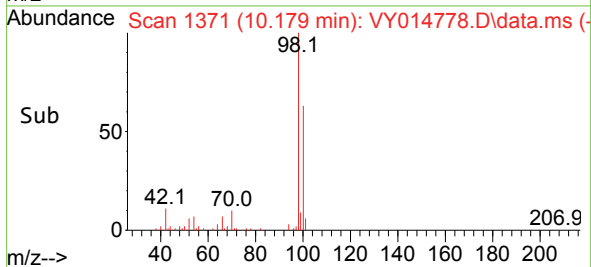
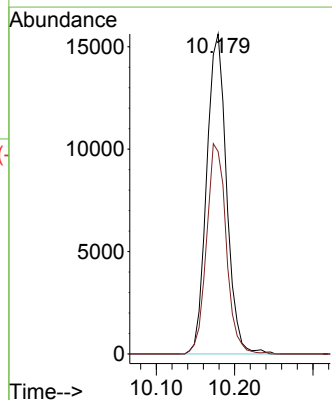
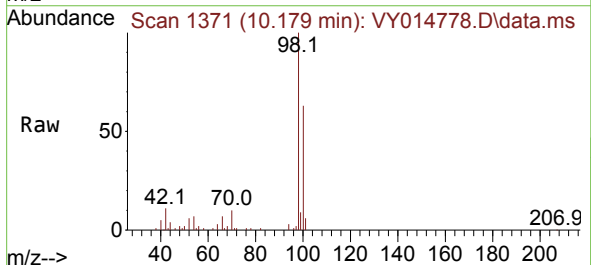
Instrument :
MSVOA_Y
ClientSampleId :
B-P11B

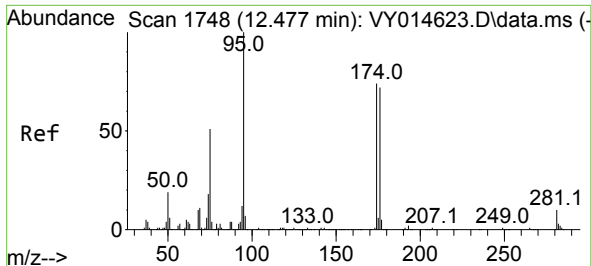
Tgt Ion:117 Resp: 1498
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.800 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

Tgt Ion: 98 Resp: 27480
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

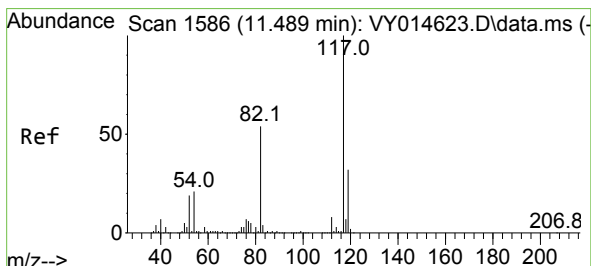
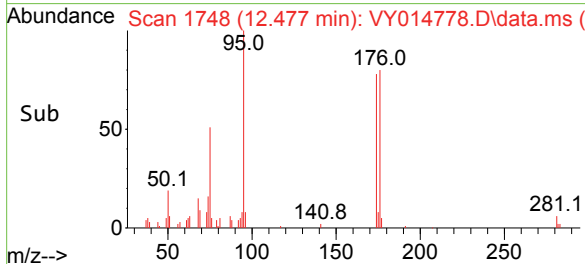
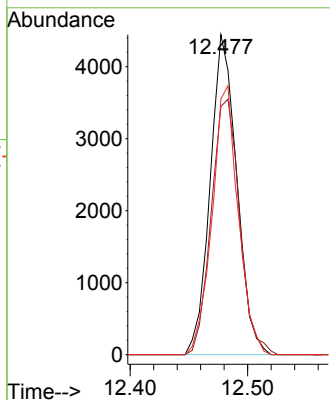
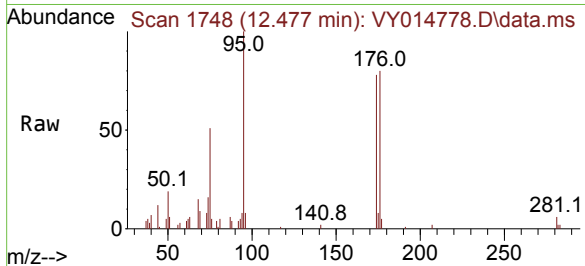




#62
4-Bromofluorobenzene
Concen: 32.377 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

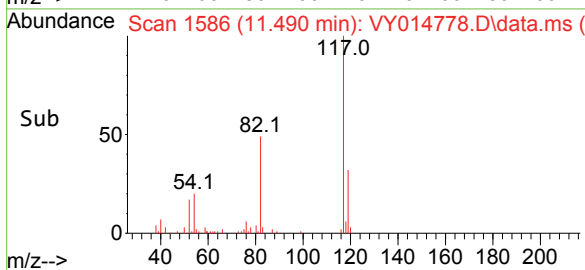
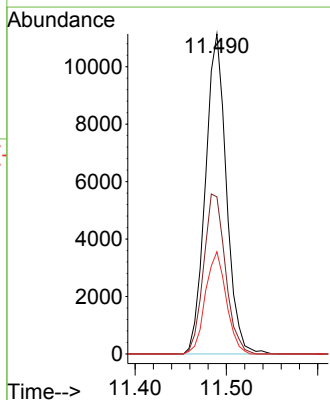
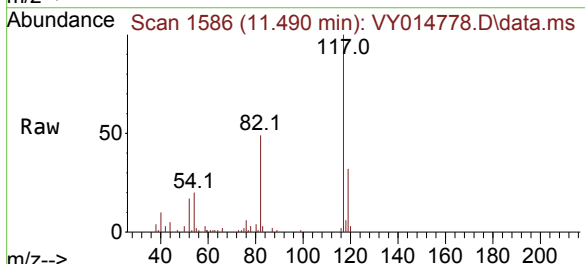
Instrument :
MSVOA_Y
ClientSampleId :
B-P11B

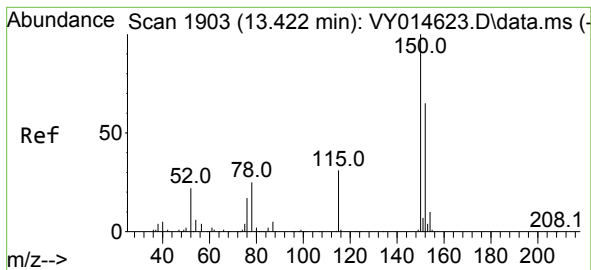
Tgt Ion:	95	Resp:	6991
Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	178.2
176	82.8	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

Tgt Ion:	117	Resp:	17705
Ion	Ratio	Lower	Upper
117	100		
82	49.1	43.4	65.0
119	32.0	26.3	39.5

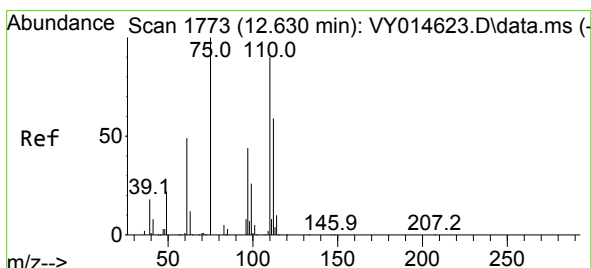
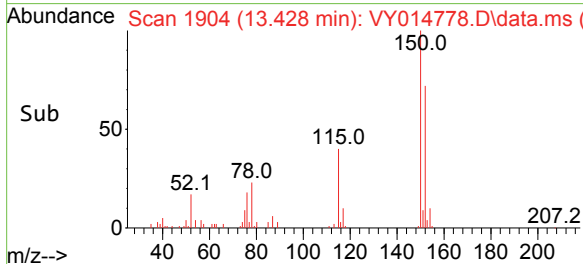
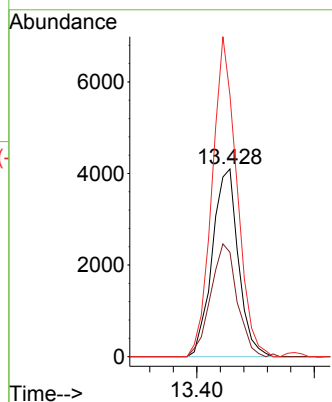
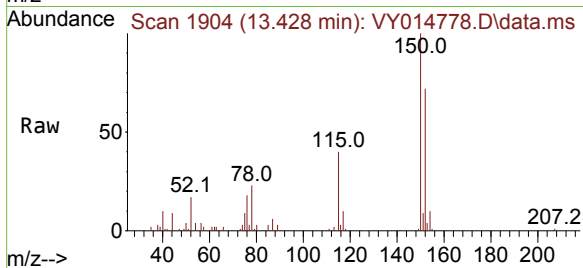




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY014778.D
 Acq: 24 Jul 2023 17:29

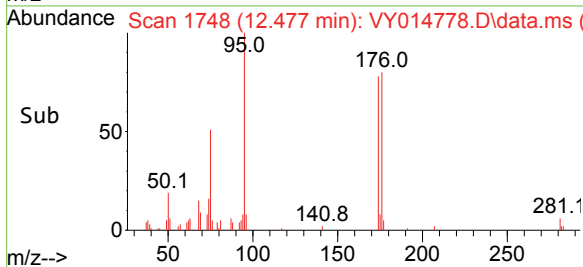
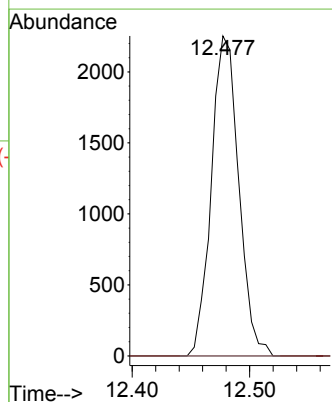
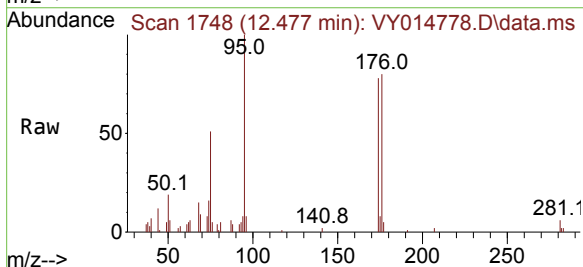
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P11B

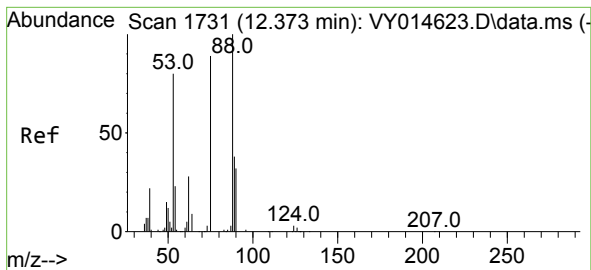
Tgt Ion:152 Resp: 6332
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.8 86.5
 150 161.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 45.754 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014778.D
 Acq: 24 Jul 2023 17:29

Tgt Ion: 75 Resp: 3659
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 88.588 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014778.D
Acq: 24 Jul 2023 17:29

Instrument :
MSVOA_Y
ClientSampleId :
B-P11B

Tgt Ion: 75 Resp: 3659
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

