

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014861.D
 Acq On : 26 Jul 2023 19:49
 Operator : SY/MD
 Sample : 03686-05
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

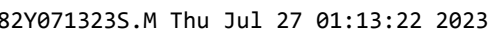
Quant Time: Jul 27 01:13:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

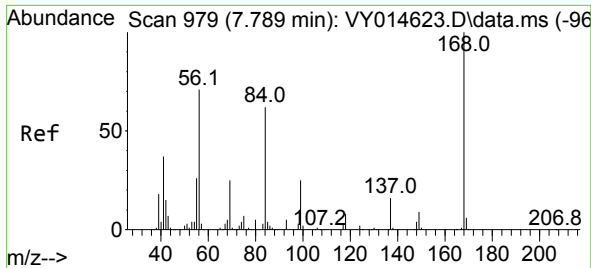
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	151110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	266930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96157	55.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.680%
35) Dibromofluoromethane	7.716	113	84320	49.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.179	98	319064	50.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.477	95	117230	48.803	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.600%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	31	2.387	ug/l #	38
11) Tert butyl alcohol	4.911	59	1130	Below Cal	#	89
16) Acetone	3.954	43	4873	8.930	ug/l	98
20) Methylene Chloride	4.710	84	11349	2.381	ug/l	89
25) 2-Butanone	6.972	43	3180	3.983	ug/l #	70
26) 2,2-Dichloropropane	6.978	77	4077	1.392	ug/l #	54
29) Tetrahydrofuran	7.350	42	531	1.080	ug/l #	69
31) Cyclohexane	7.789	56	3326	1.164	ug/l #	2
36) 1,1-Dichloropropene	7.789	75	12144	4.779	ug/l #	50
37) Ethyl Acetate	6.972	43	3180	1.818	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15393	5.730	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	62475	39.928	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62475	77.308	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

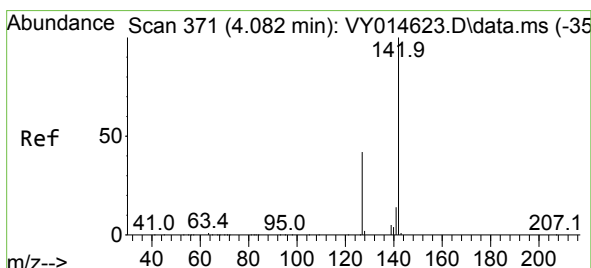
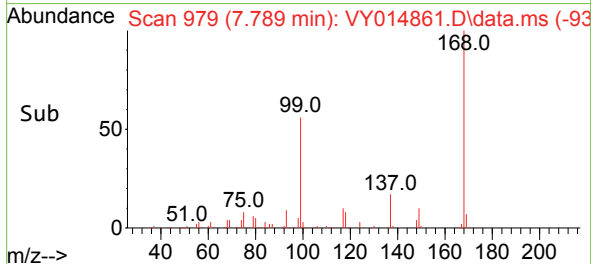
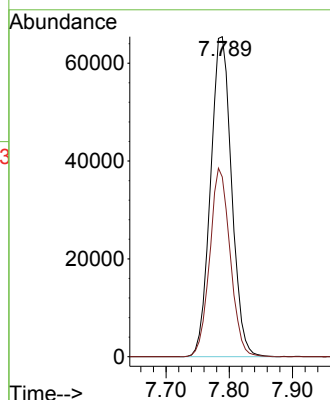
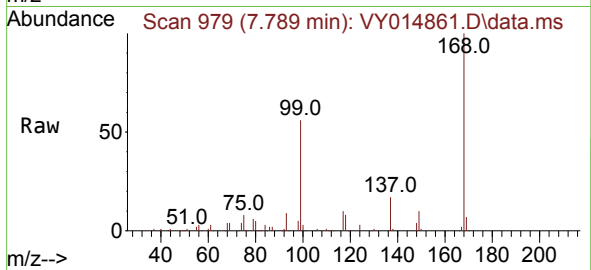




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

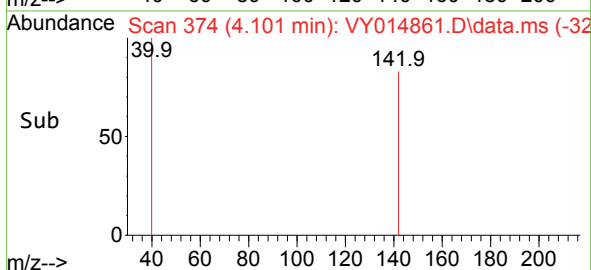
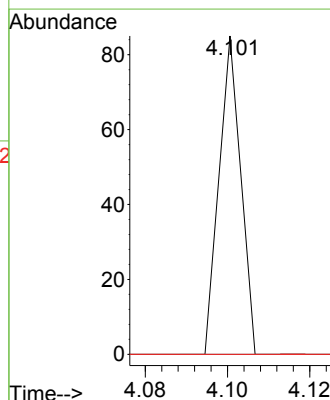
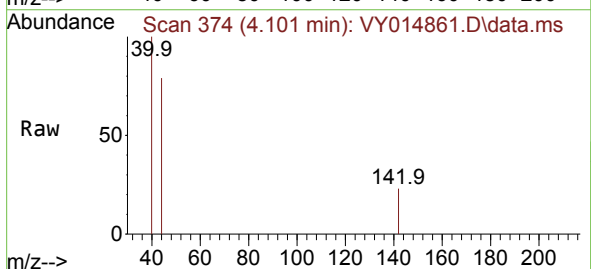
Instrument :
MSVOA_Y
ClientSampleId :

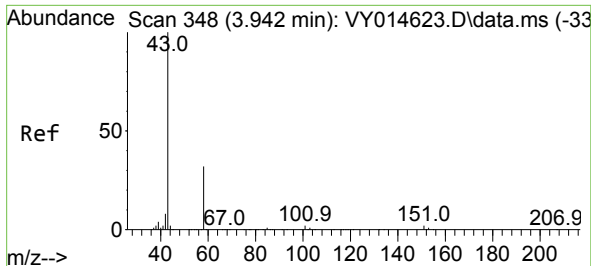
Tgt Ion:168 Resp: 151110
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#10
Methyl Iodide
Concen: 2.387 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 8.930 ug/l

RT: 3.954 min Scan# 348

Delta R.T. 0.012 min

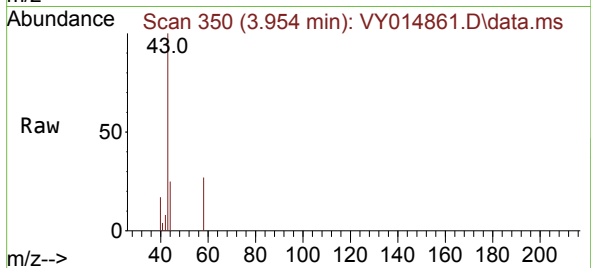
Lab File: VY014861.D

Acq: 26 Jul 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

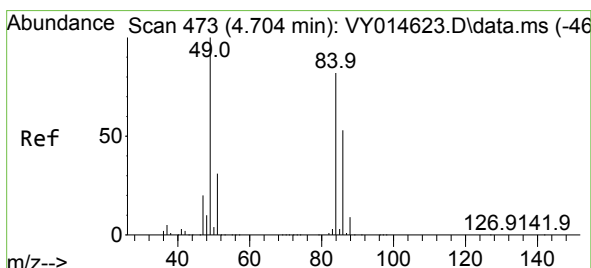
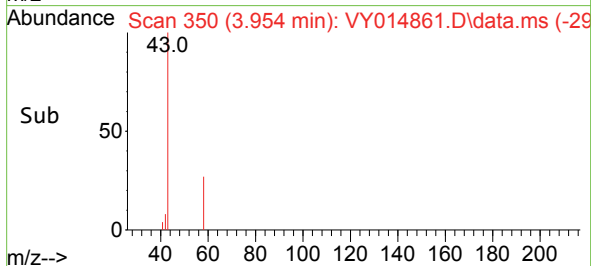
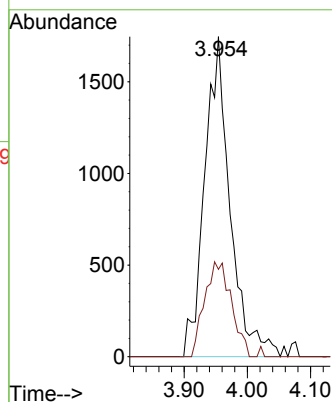


Tgt Ion: 43 Resp: 4873

Ion Ratio Lower Upper

43 100

58 27.3 22.7 34.1



#20

Methylene Chloride

Concen: 2.381 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY014861.D

Acq: 26 Jul 2023 19:49

Tgt Ion: 84 Resp: 11349

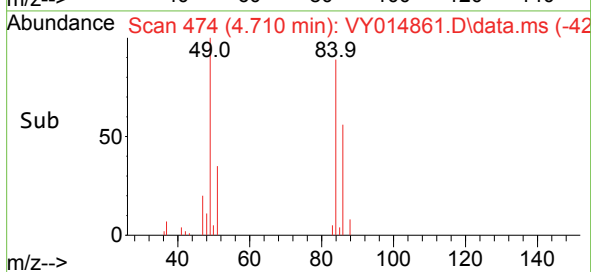
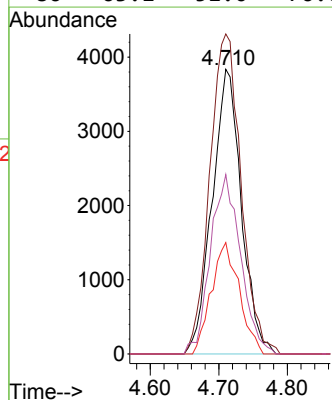
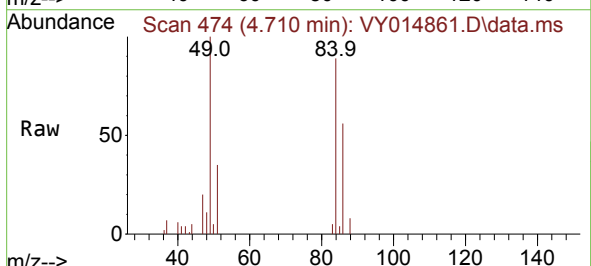
Ion Ratio Lower Upper

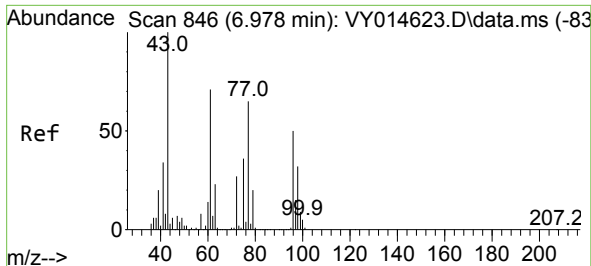
84 100

49 112.4 106.9 160.3

51 39.1 33.2 49.8

86 63.1 51.0 76.6

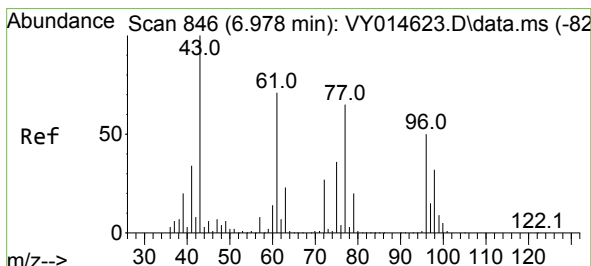
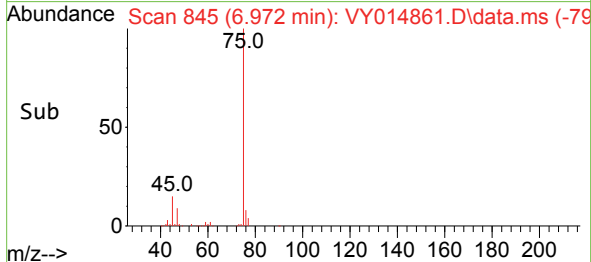
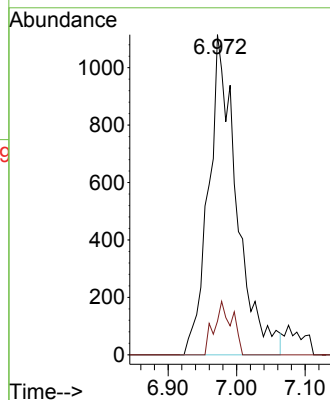
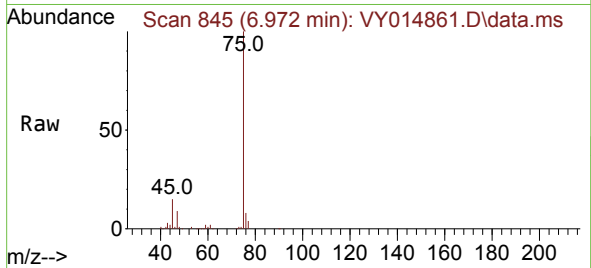




#25
2-Butanone
Concen: 3.983 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

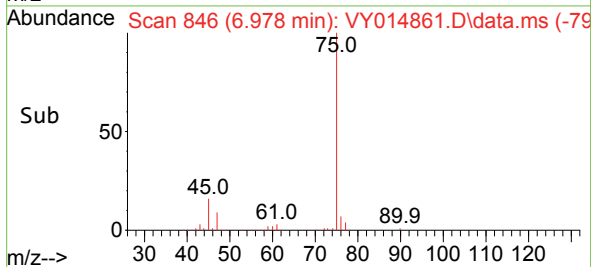
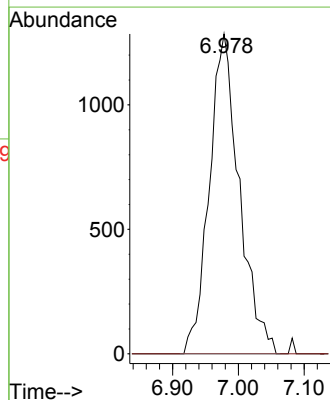
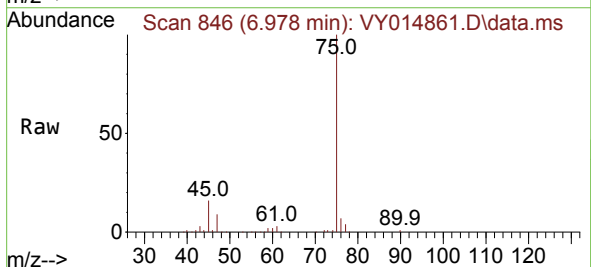
Instrument :
MSVOA_Y
ClientSampleId :

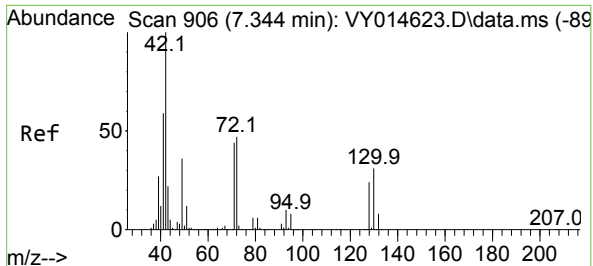
Tgt Ion: 43 Resp: 3180
Ion Ratio Lower Upper
43 100
72 10.5 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.392 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Tgt Ion: 77 Resp: 4077
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#





#29

Tetrahydrofuran

Concen: 1.080 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

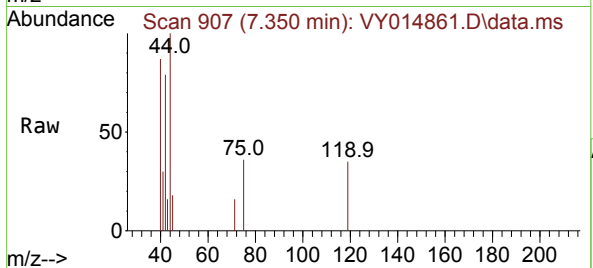
Lab File: VY014861.D

Acq: 26 Jul 2023 19:49

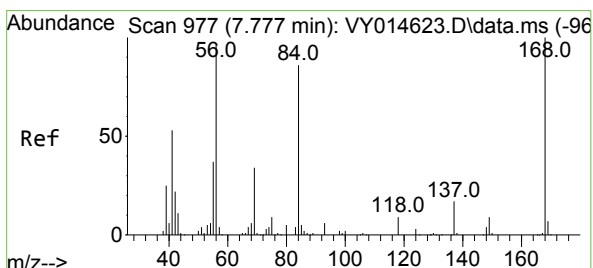
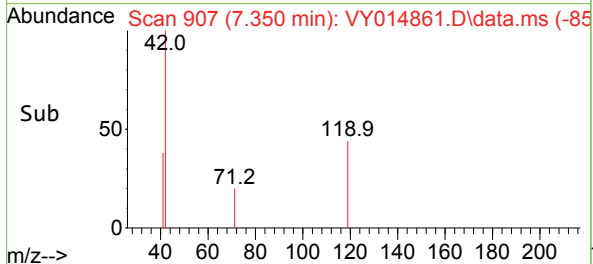
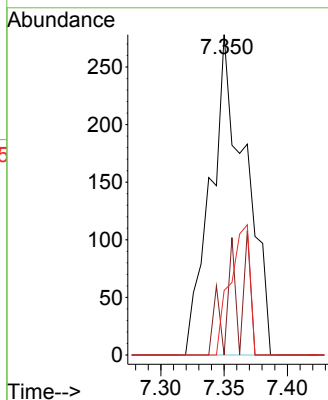
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	531
Ion	Ratio	Lower	Upper
42	100		
72	18.6	32.8	49.2#
71	23.2	31.0	46.4#



#31

Cyclohexane

Concen: 1.164 ug/l

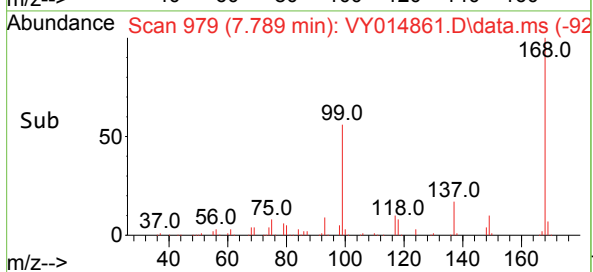
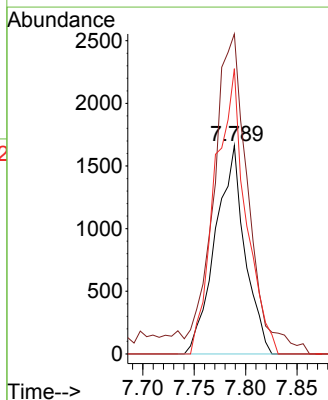
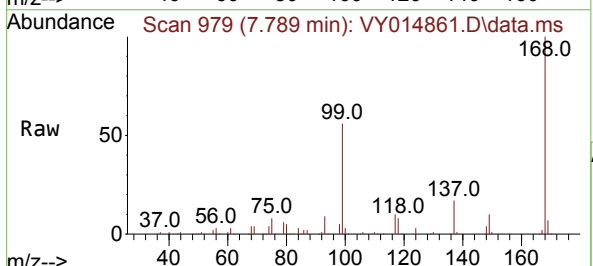
RT: 7.789 min Scan# 979

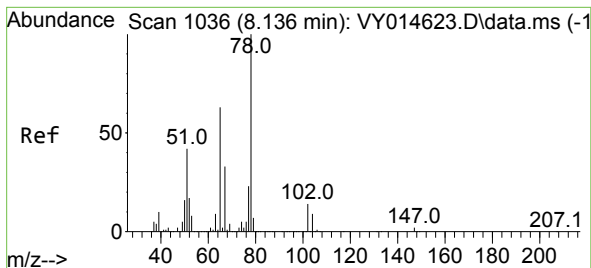
Delta R.T. 0.012 min

Lab File: VY014861.D

Acq: 26 Jul 2023 19:49

Tgt Ion:	56	Resp:	3326
Ion	Ratio	Lower	Upper
56	100		
69	143.6	27.8	41.6#
84	136.9	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.842 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014861.D

Acq: 26 Jul 2023 19:49

Instrument :

MSVOA_Y

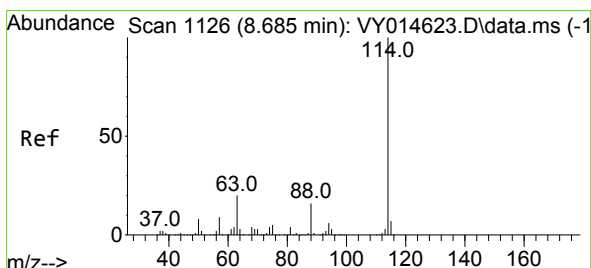
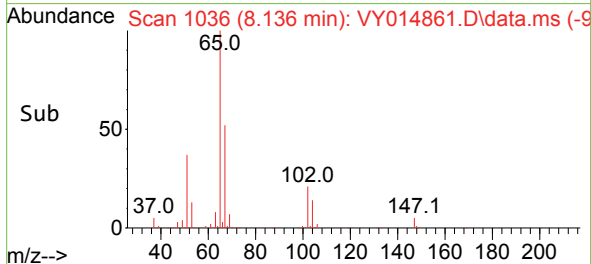
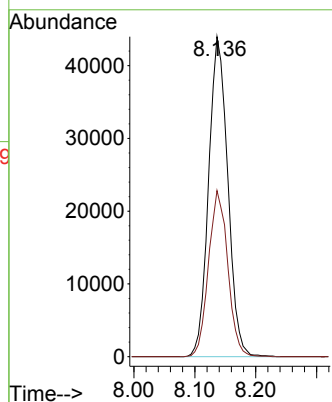
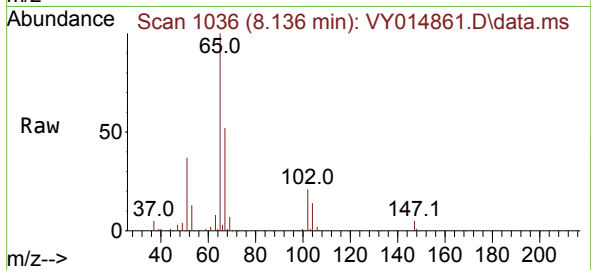
ClientSampleId :

Tgt Ion: 65 Resp: 96157

Ion Ratio Lower Upper

65 100

67 52.1 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: VY014861.D

Acq: 26 Jul 2023 19:49

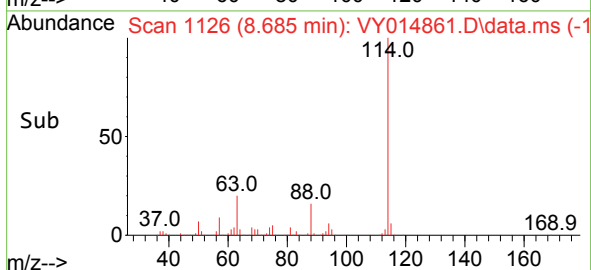
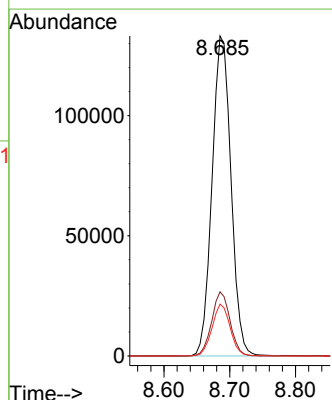
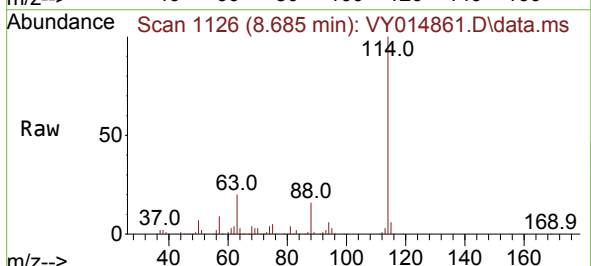
Tgt Ion: 114 Resp: 266930

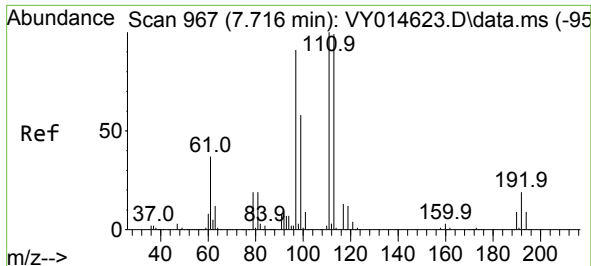
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 16.2 0.0 30.6

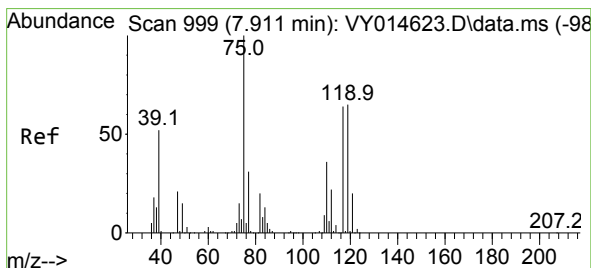
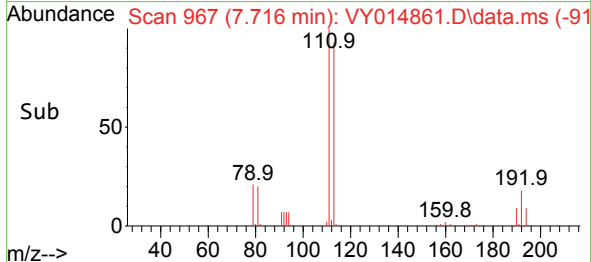
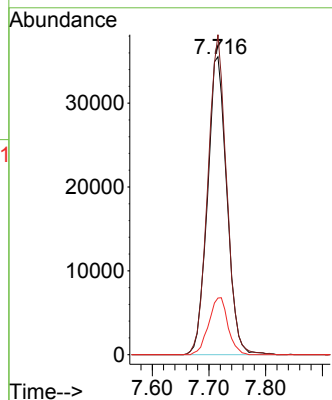
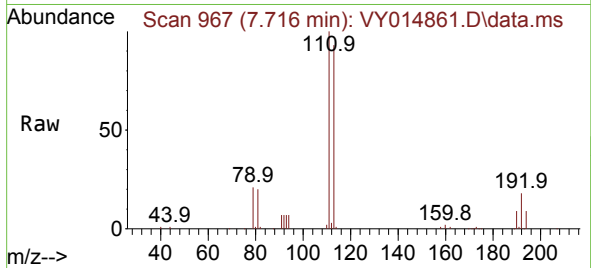




#35
Dibromofluoromethane
Concen: 49.623 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

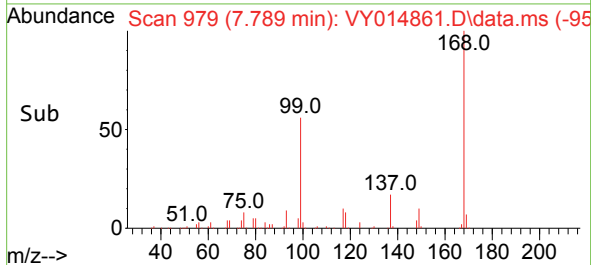
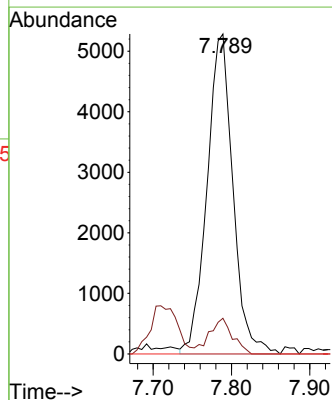
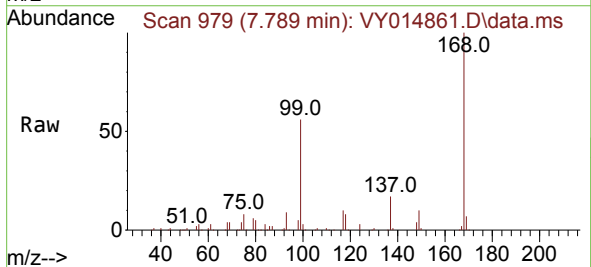
Instrument :
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ClientSampleId :

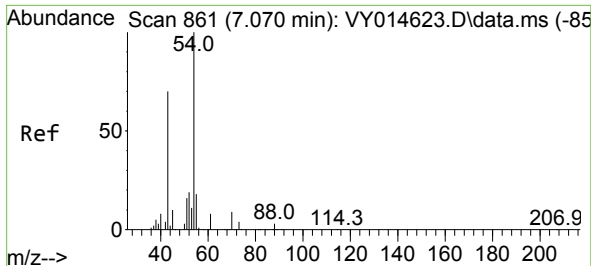
Tgt Ion:113 Resp: 84320
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Tgt Ion: 75 Resp: 12144
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.818 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

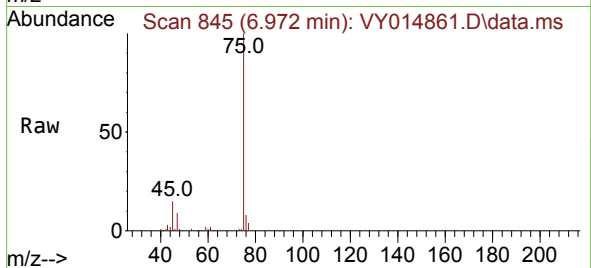
Lab File: VY014861.D

Acq: 26 Jul 2023 19:49

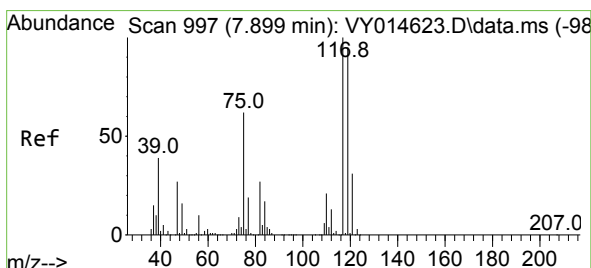
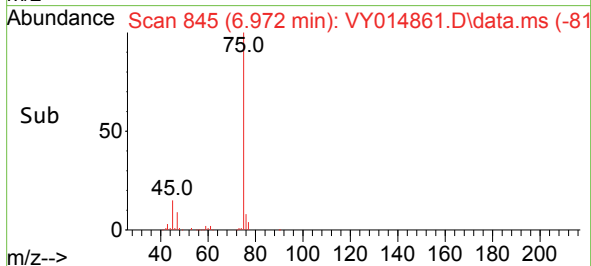
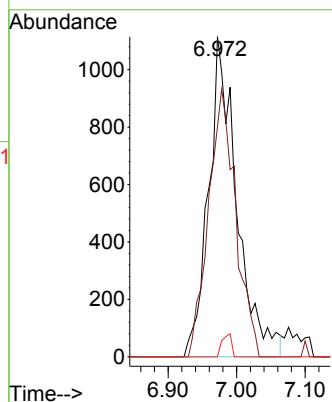
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 3180
Ion Ratio	Lower Upper
43	100
61	80.6 10.1 15.1#
70	2.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.730 ug/l

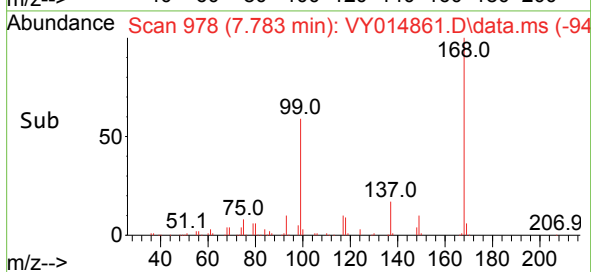
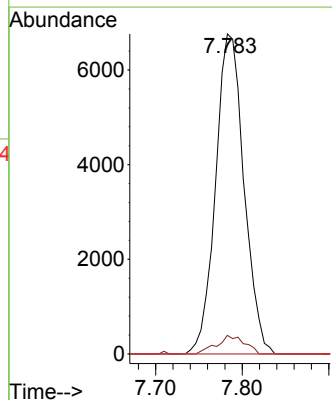
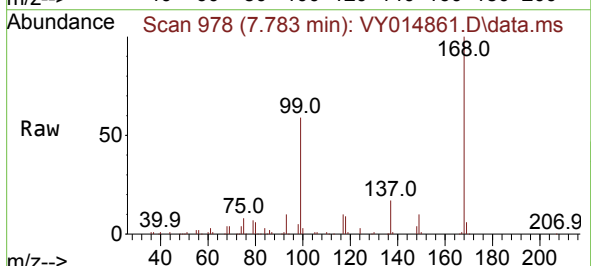
RT: 7.783 min Scan# 978

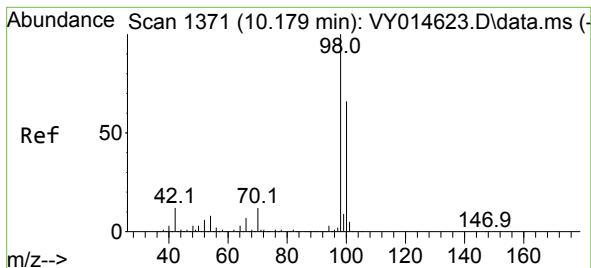
Delta R.T. -0.116 min

Lab File: VY014861.D

Acq: 26 Jul 2023 19:49

Tgt Ion: 117	Resp: 15393
Ion Ratio	Lower Upper
117	100
119	5.8 76.4 114.6#
121	0.0 25.8 38.6#

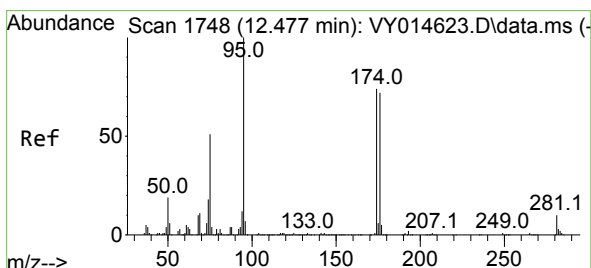
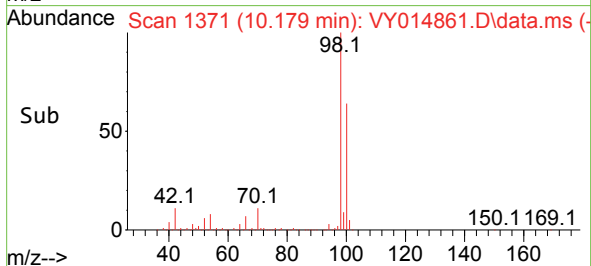
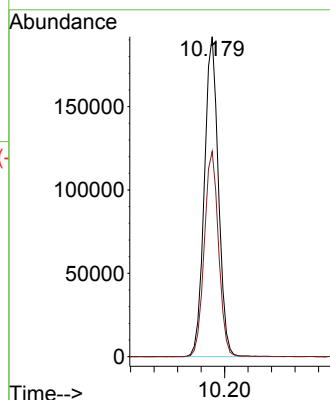
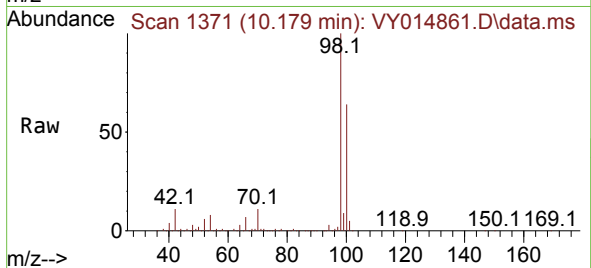




#50
Toluene-d8
Concen: 50.931 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

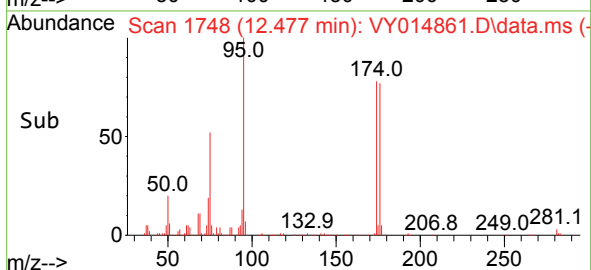
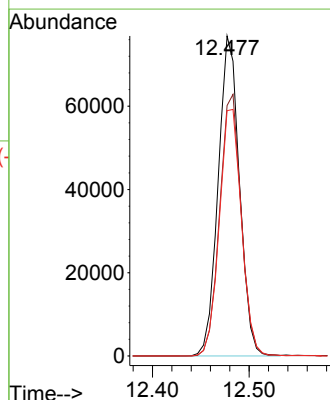
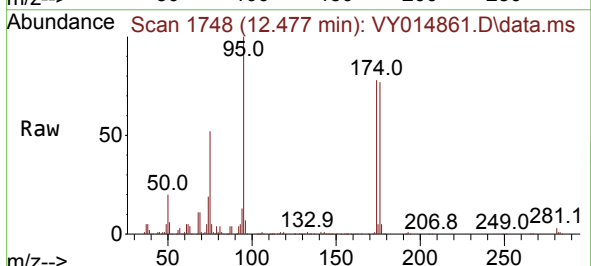
Instrument :
MSVOA_Y
ClientSampleId :

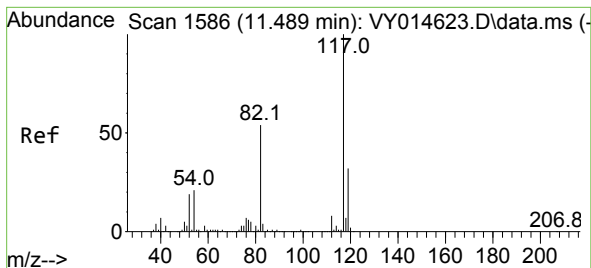
Tgt Ion: 98 Resp: 319064
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.803 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Tgt Ion: 95 Resp: 117230
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 80.4 0.0 173.8

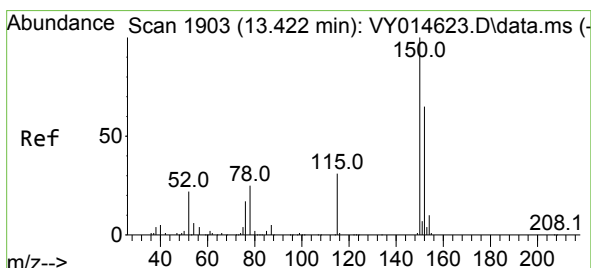
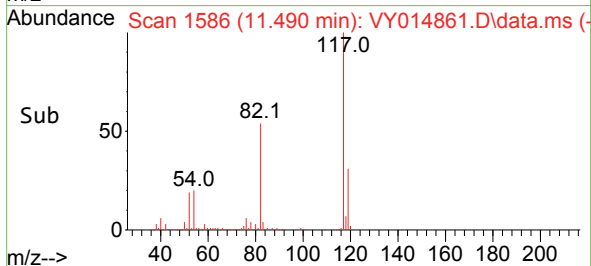
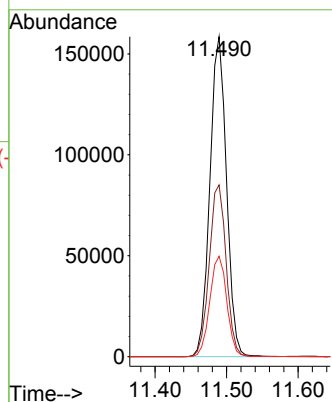
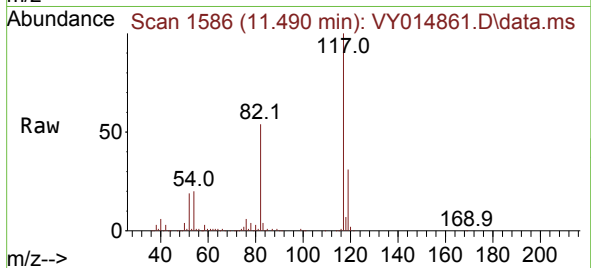




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

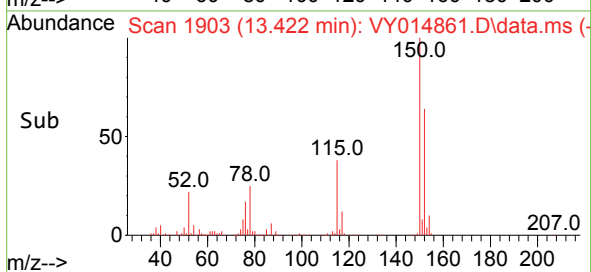
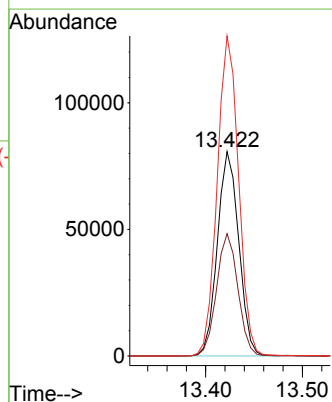
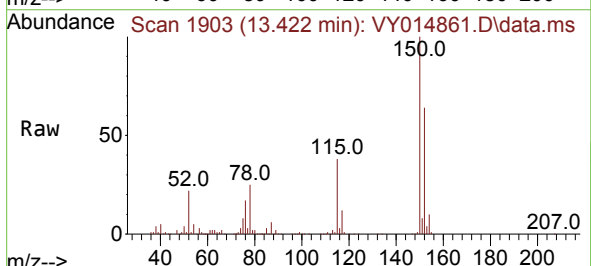
Instrument :
MSVOA_Y
ClientSampleId :

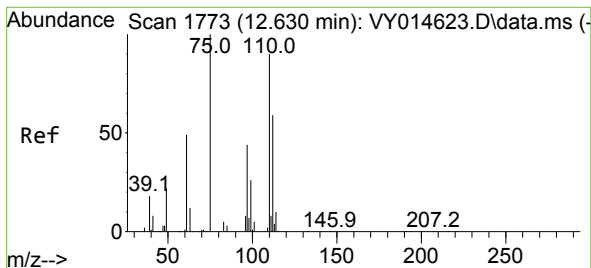
Tgt Ion:117 Resp: 255749
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Tgt Ion:152 Resp: 123889
Ion Ratio Lower Upper
152 100
115 59.8 28.8 86.5
150 156.5 0.0 348.8

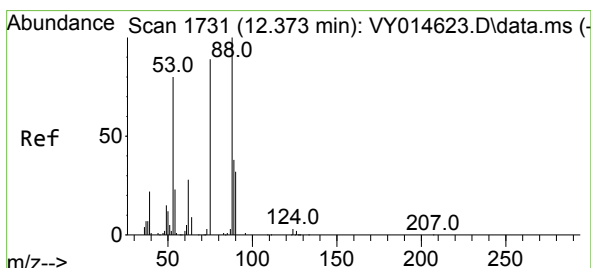
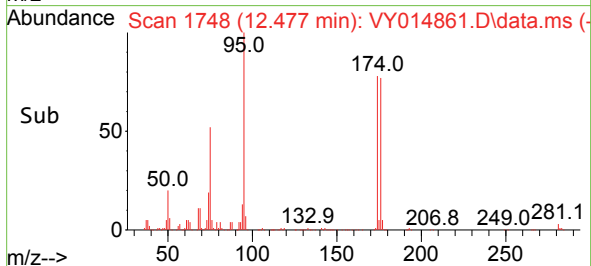
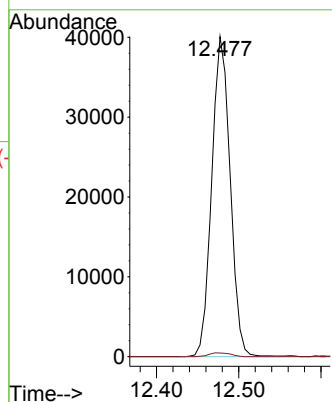
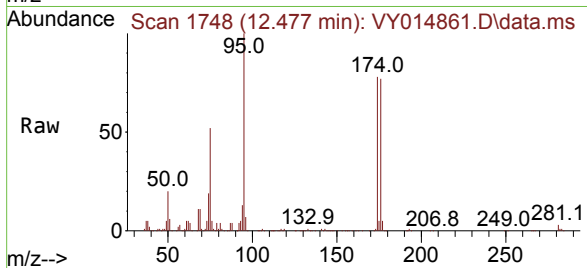




#76
1,2,3-Trichloropropane
Concen: 39.928 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62475
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.308 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Tgt Ion: 75 Resp: 62475
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

