

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014910.D
 Acq On : 28 Jul 2023 15:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 29 03:07:09 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)

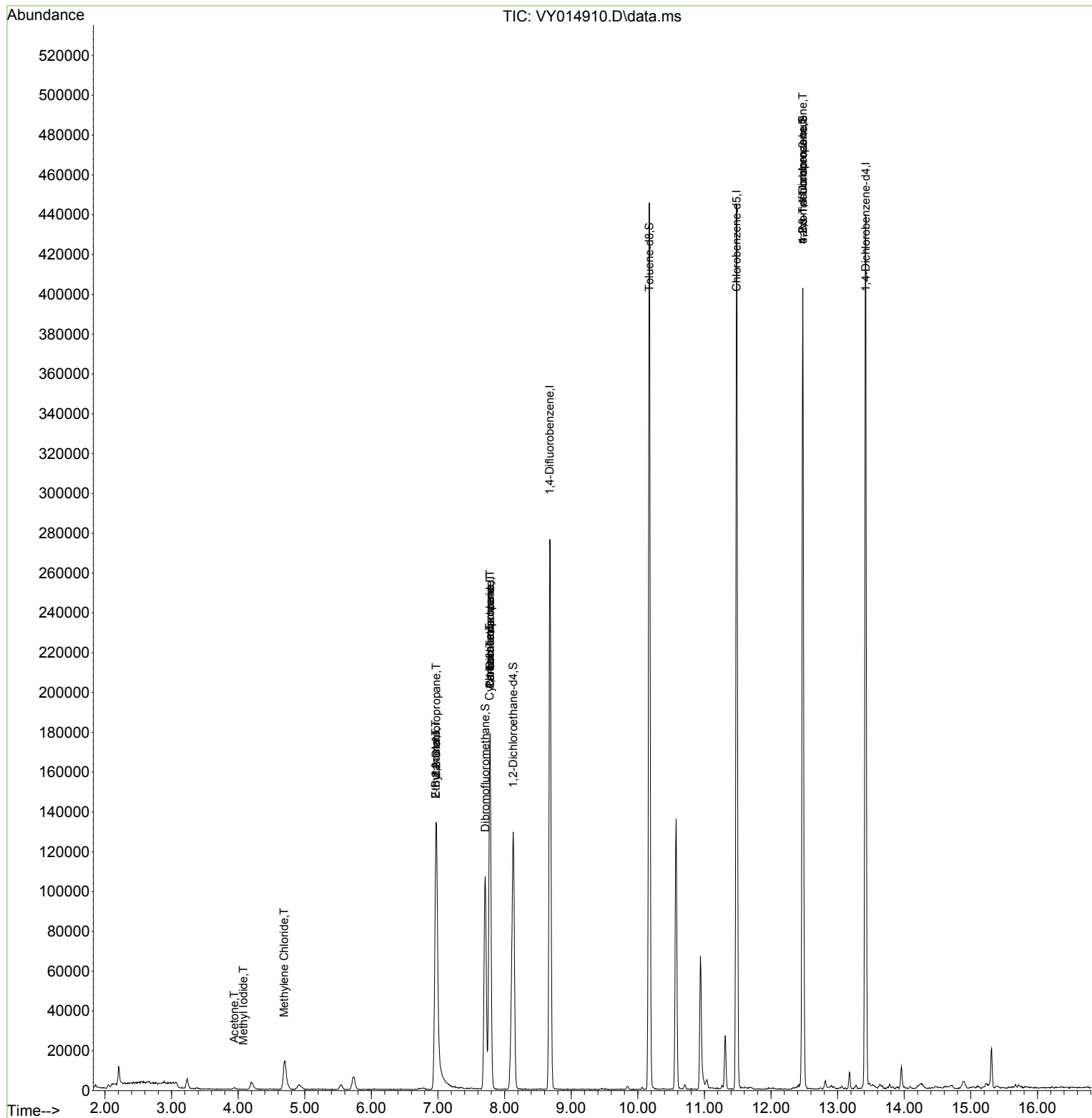
Internal Standards						
1) Pentafluorobenzene	7.783	168	137701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	241205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	236318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87606	55.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.710	113	76053	49.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.173	98	288722	51.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.477	95	107953	49.734	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.460%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.076	142	69	2.412	ug/l #	38
11) Tert butyl alcohol	4.918	59	3602	Below Cal	#	89
16) Acetone	3.942	43	1432	2.880	ug/l	92
20) Methylene Chloride	4.692	84	10887	2.749	ug/l	87
25) 2-Butanone	6.966	43	7347	10.099	ug/l #	75
26) 2,2-Dichloropropane	6.972	77	10546	3.951	ug/l #	54
31) Cyclohexane	7.777	56	2894	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10582	4.608	ug/l #	49
37) Ethyl Acetate	6.966	43	7347	4.647	ug/l #	1
38) Carbon Tetrachloride	7.783	117	14144	5.827	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	58772	41.270	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58772	79.905	ug/l #	11

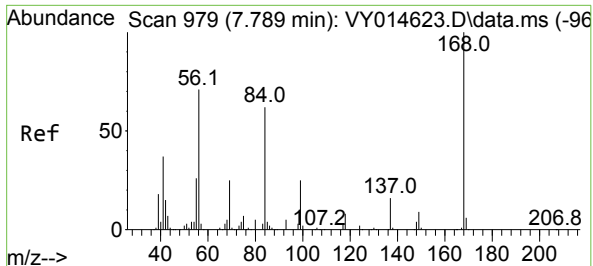
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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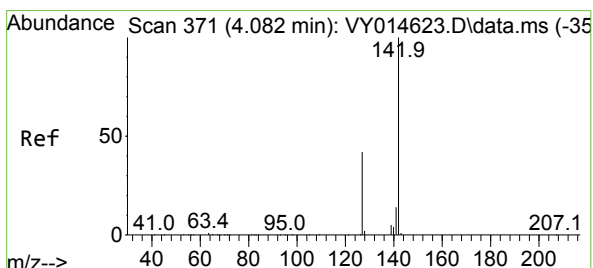
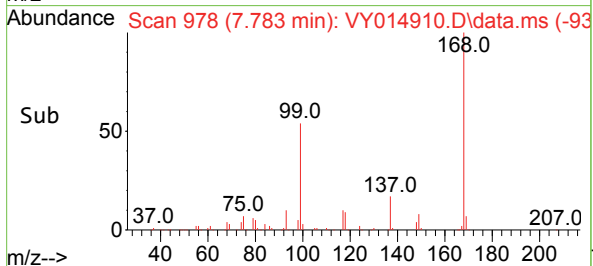
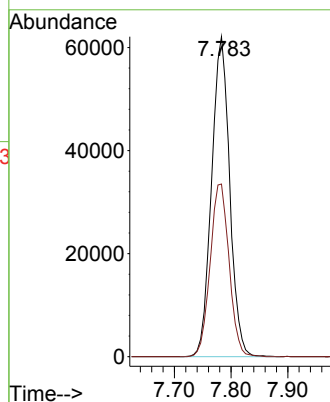
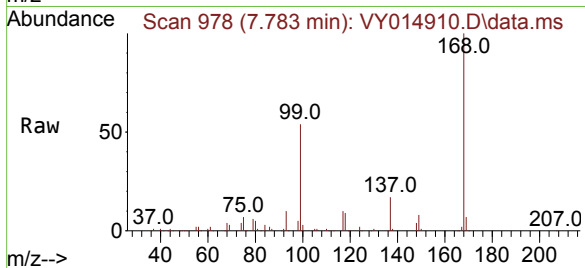




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

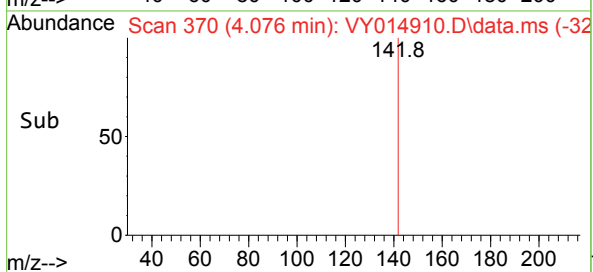
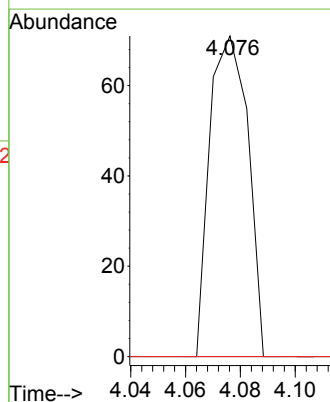
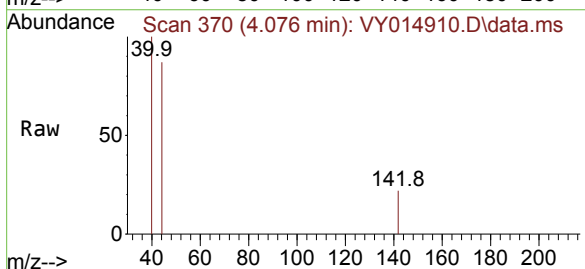
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 137701
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.412 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

Tgt Ion:142 Resp: 69
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

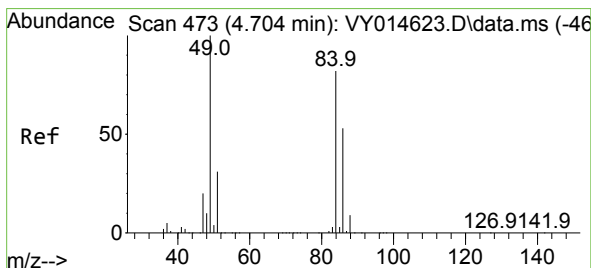
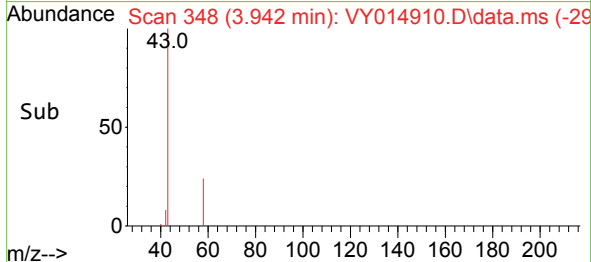
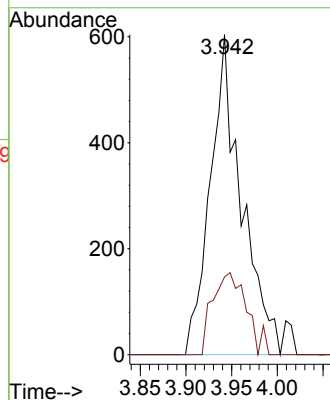
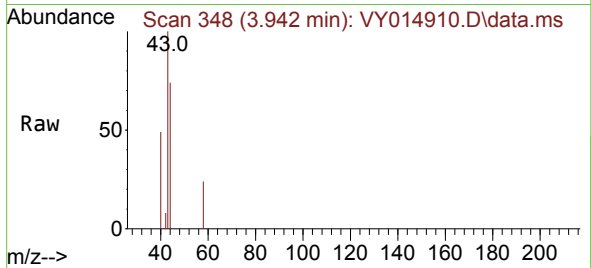




#16
Acetone
Concen: 2.880 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

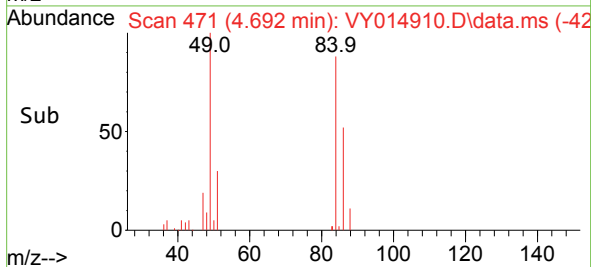
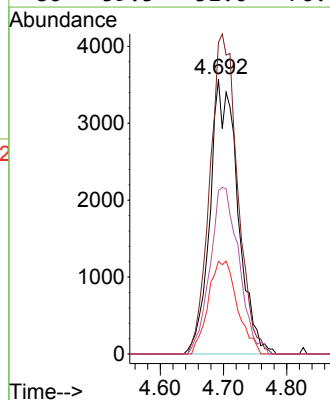
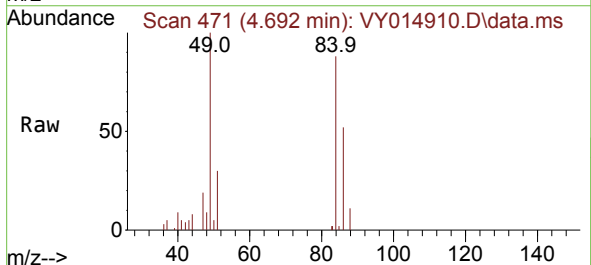
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
58 24.3 22.7 34.1



#20
Methylene Chloride
Concen: 2.749 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.012 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

Tgt Ion: 84 Resp: 10887
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 33.7 33.2 49.8
86 59.5 51.0 76.6

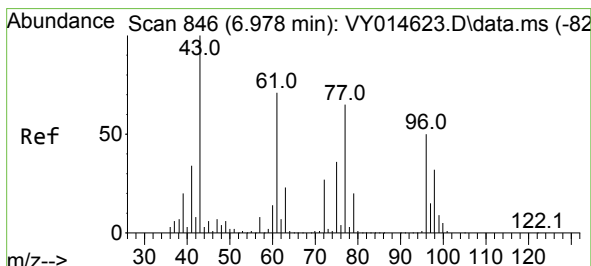
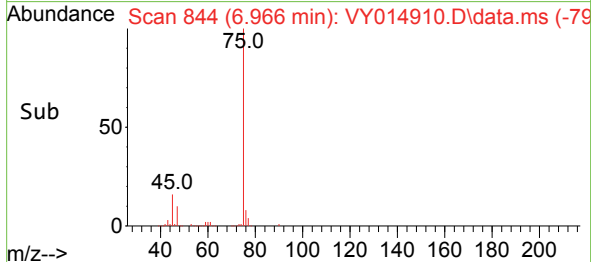
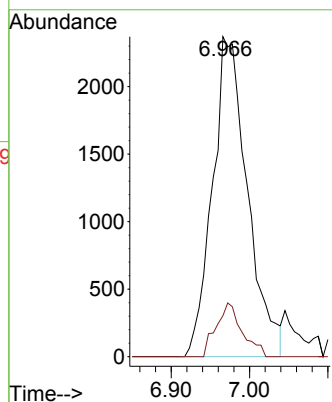
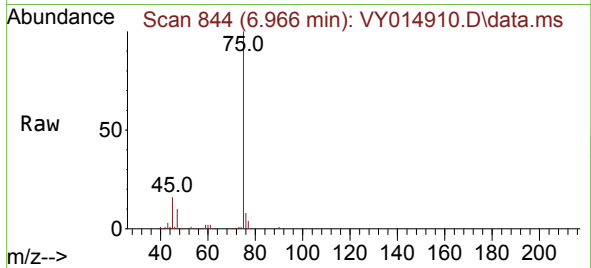




#25
2-Butanone
Concen: 10.099 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

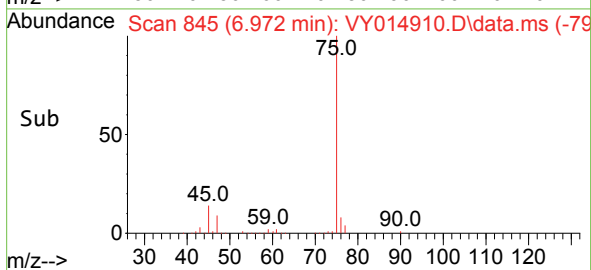
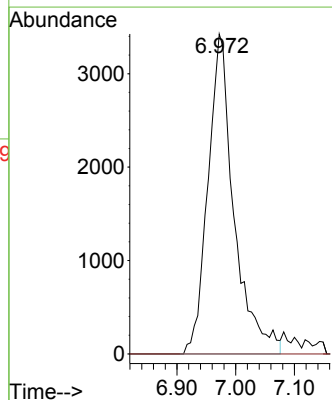
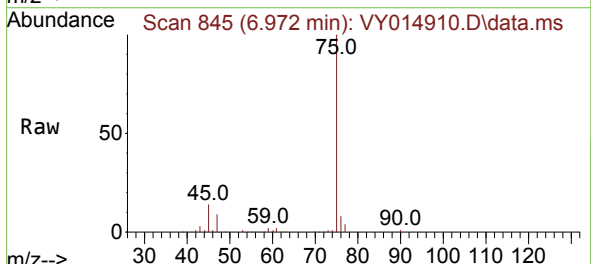
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

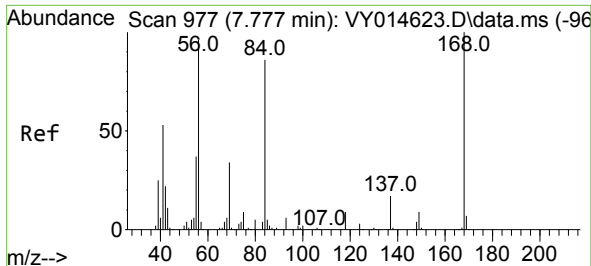
Tgt Ion: 43 Resp: 7347
Ion Ratio Lower Upper
43 100
72 12.8 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 3.951 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

Tgt Ion: 77 Resp: 10546
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

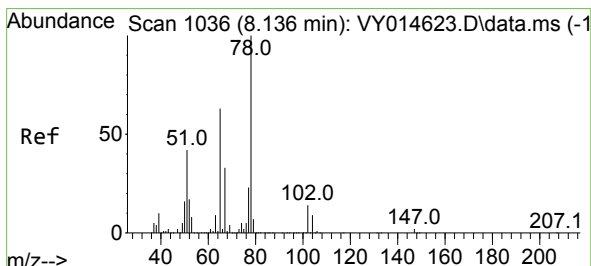
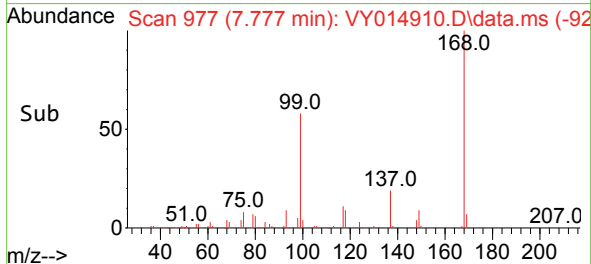
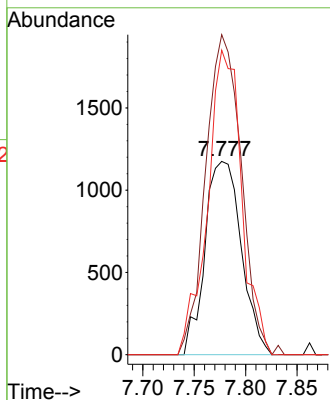
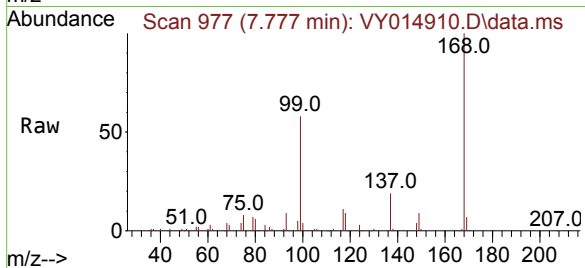




#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

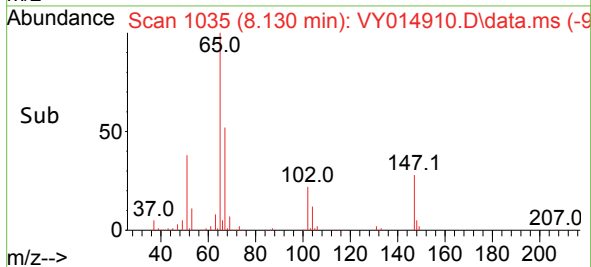
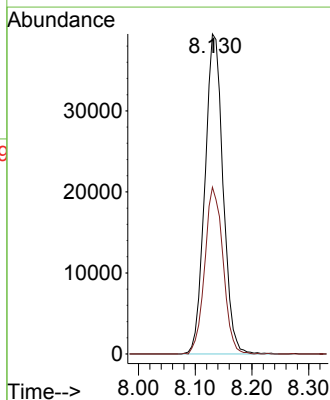
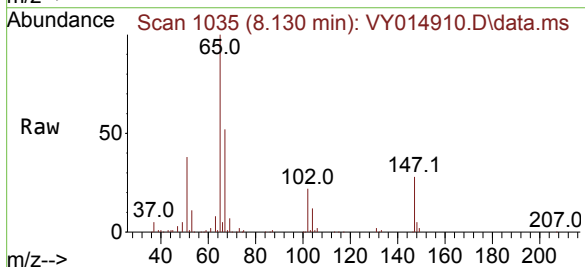
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

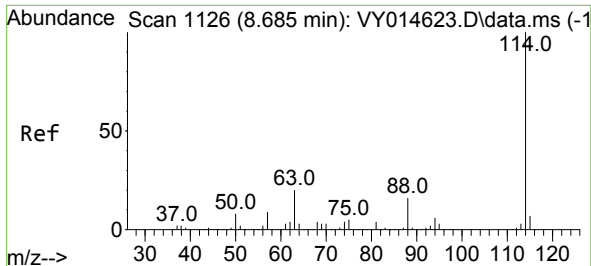
Tgt Ion: 56 Resp: 2894
Ion Ratio Lower Upper
56 100
69 165.5 27.8 41.6#
84 165.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.830 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

Tgt Ion: 65 Resp: 87606
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY014910.D

Acq: 28 Jul 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

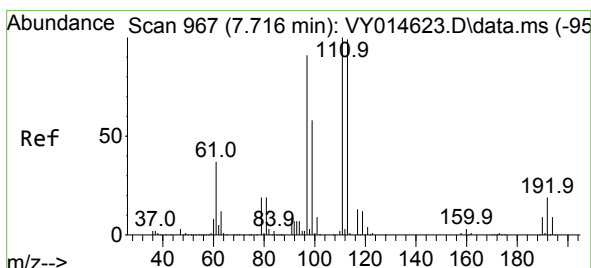
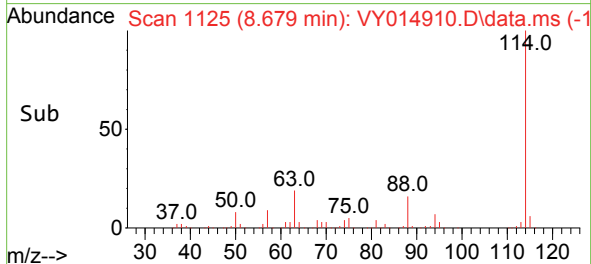
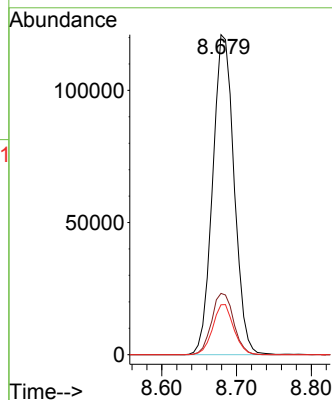
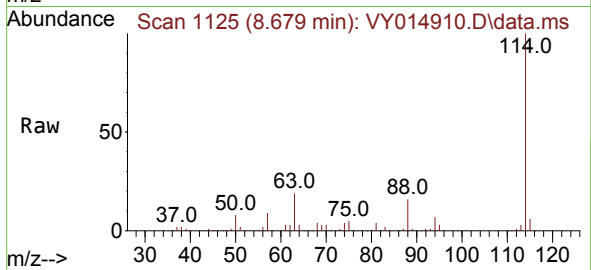
Tgt Ion:114 Resp: 241205

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.531 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014910.D

Acq: 28 Jul 2023 15:43

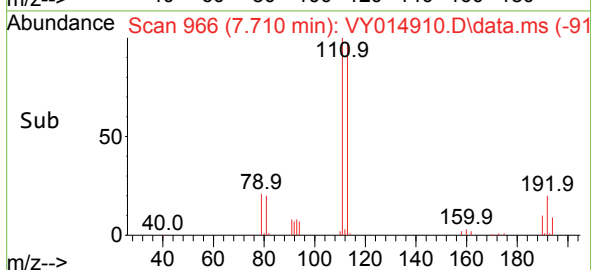
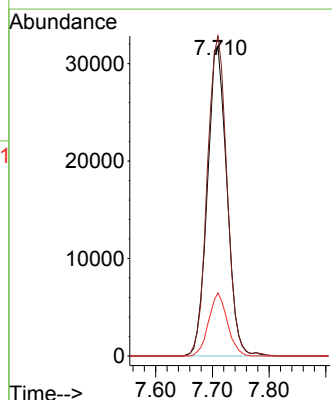
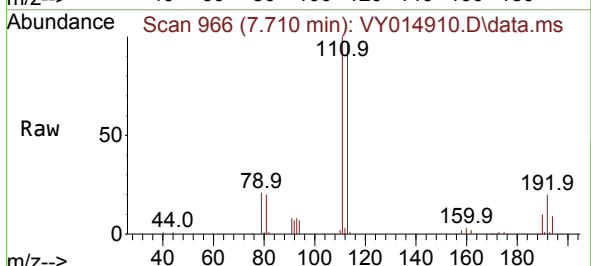
Tgt Ion:113 Resp: 76053

Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 19.5 16.9 25.3

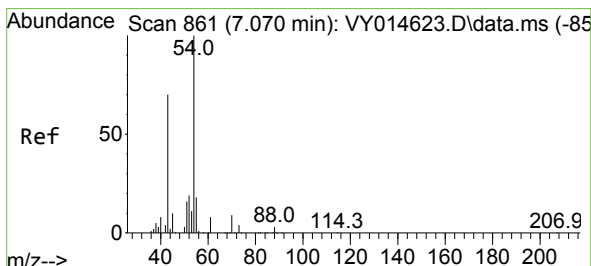
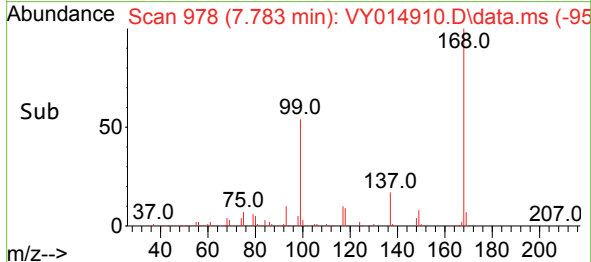
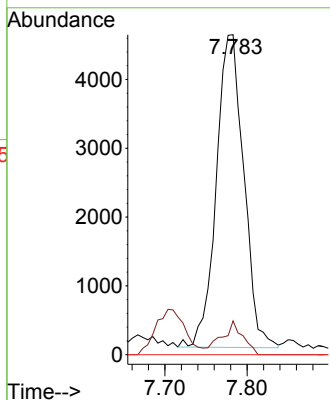
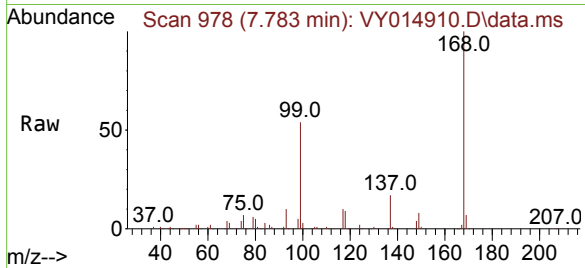




#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

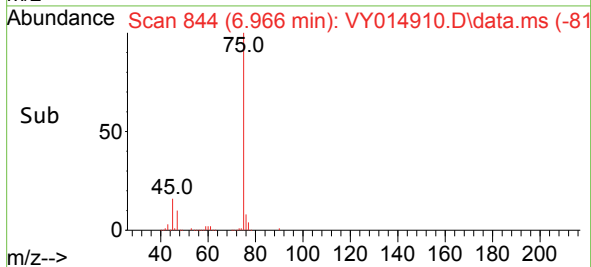
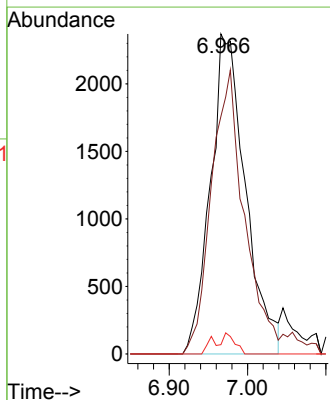
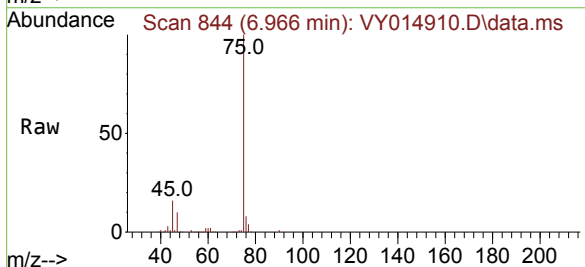
Instrument :
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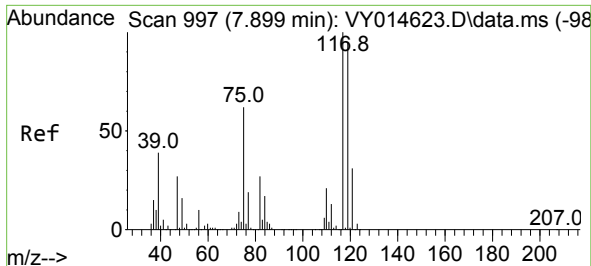
Tgt Ion: 75 Resp: 10582
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.647 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.104 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

Tgt Ion: 43 Resp: 7347
Ion Ratio Lower Upper
43 100
61 84.9 10.1 15.1#
70 2.4 7.1 10.7#

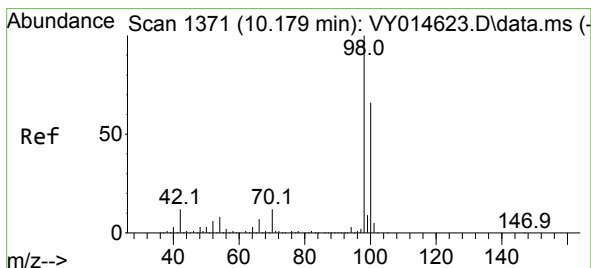
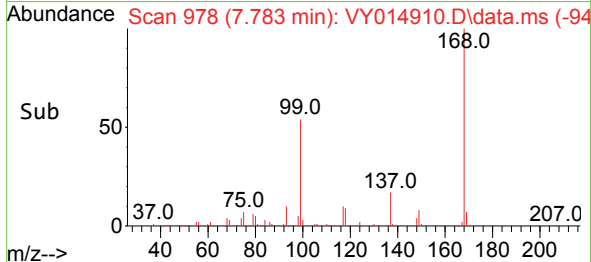
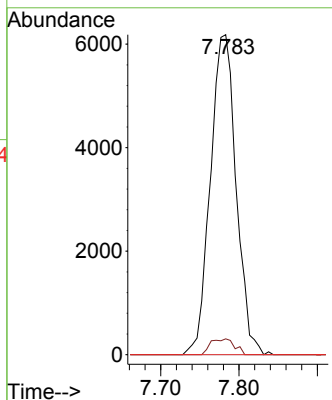
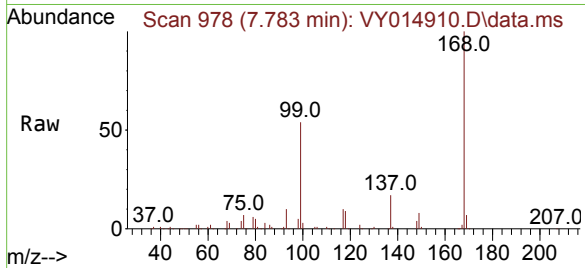




#38
Carbon Tetrachloride
Concen: 5.827 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

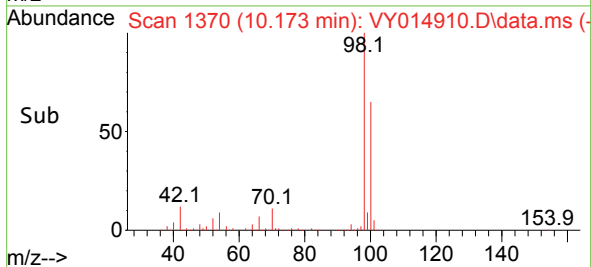
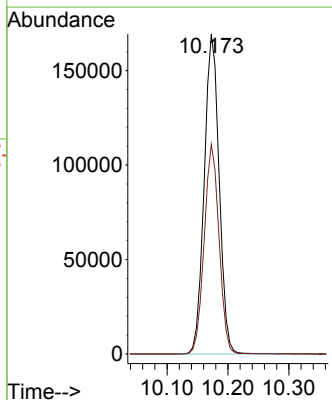
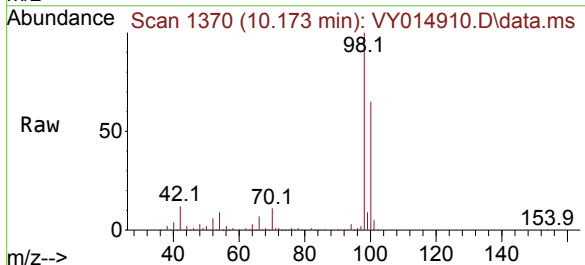
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

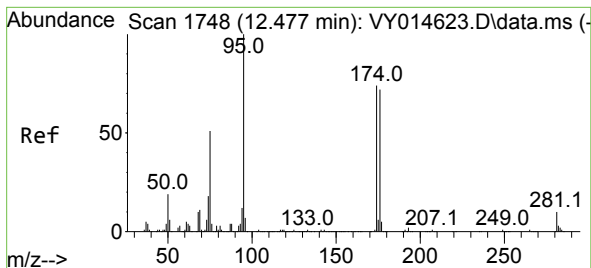
Tgt Ion:117 Resp: 14144
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.003 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

Tgt Ion: 98 Resp: 288722
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

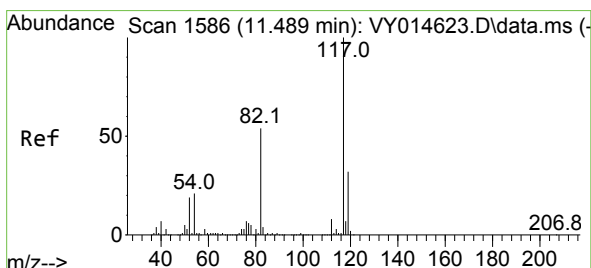
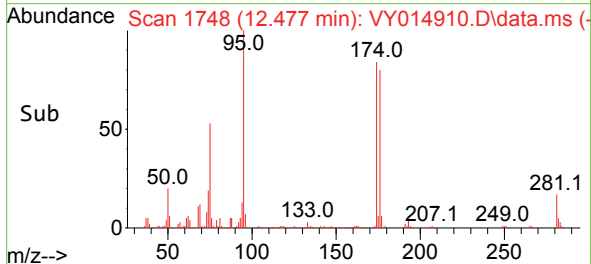
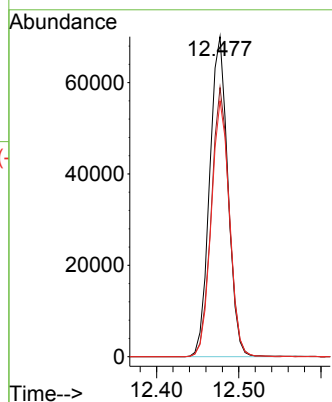
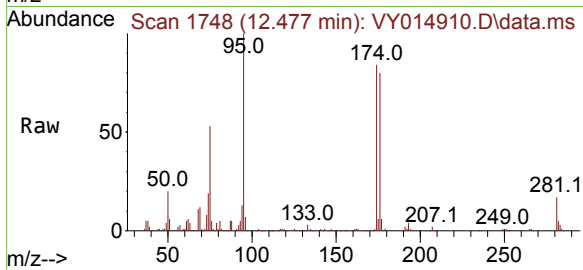




#62
4-Bromofluorobenzene
Concen: 49.734 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

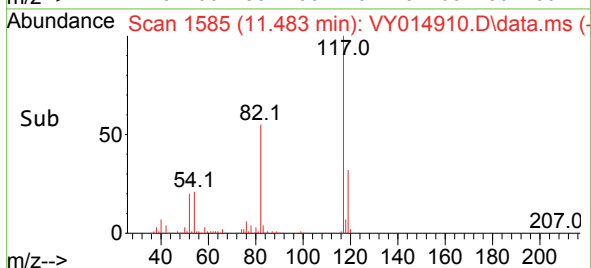
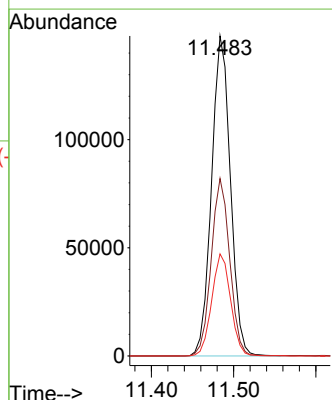
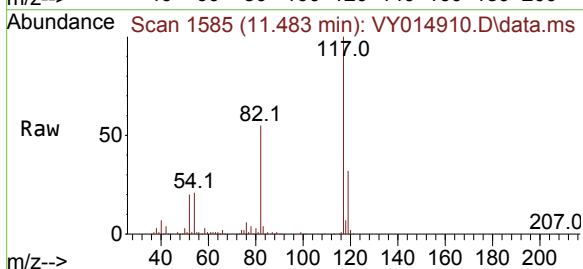
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MSVOA_Y
ClientSampleId :
VIBLK

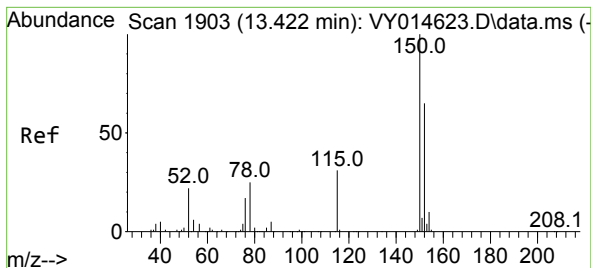
Tgt Ion: 95 Resp: 107953
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 80.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

Tgt Ion: 117 Resp: 236318
Ion Ratio Lower Upper
117 100
82 55.4 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: VY014910.D

Acq: 28 Jul 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

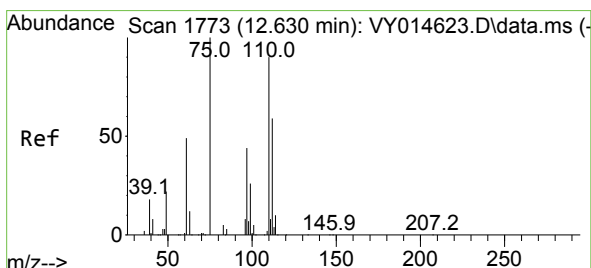
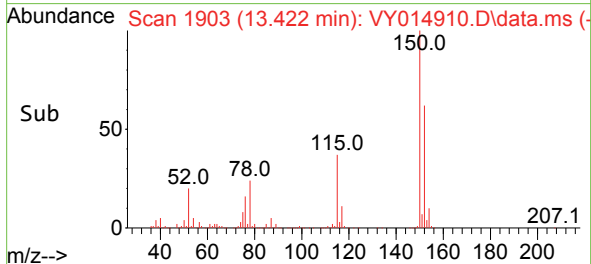
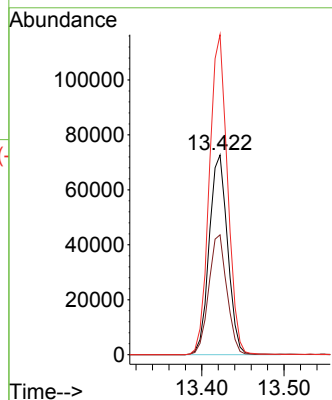
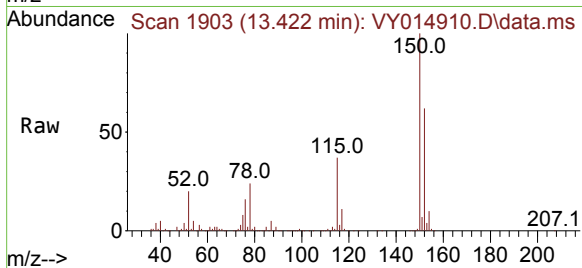
Tgt Ion:152 Resp: 112758

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 158.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.270 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014910.D

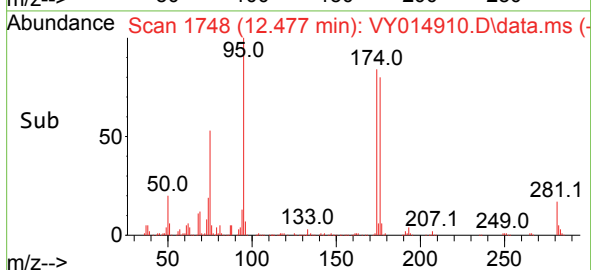
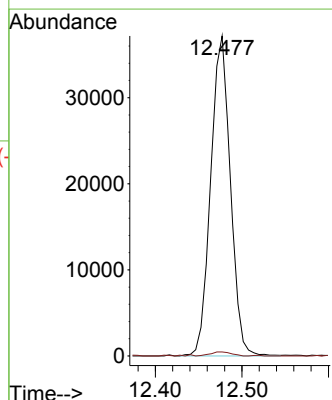
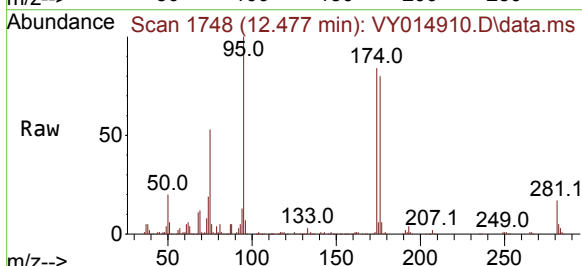
Acq: 28 Jul 2023 15:43

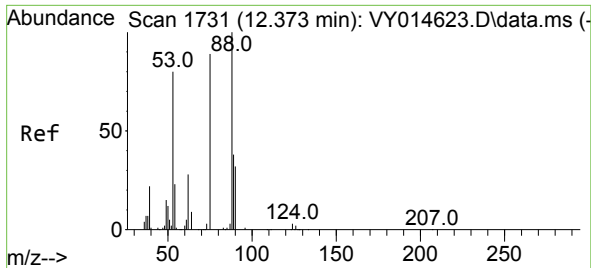
Tgt Ion: 75 Resp: 58772

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.905 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014910.D
 Acq: 28 Jul 2023 15:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 58772
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

