

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015509.D
 Acq On : 12 Sep 2023 15:47
 Operator : SY/MD
 Sample : 04393-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

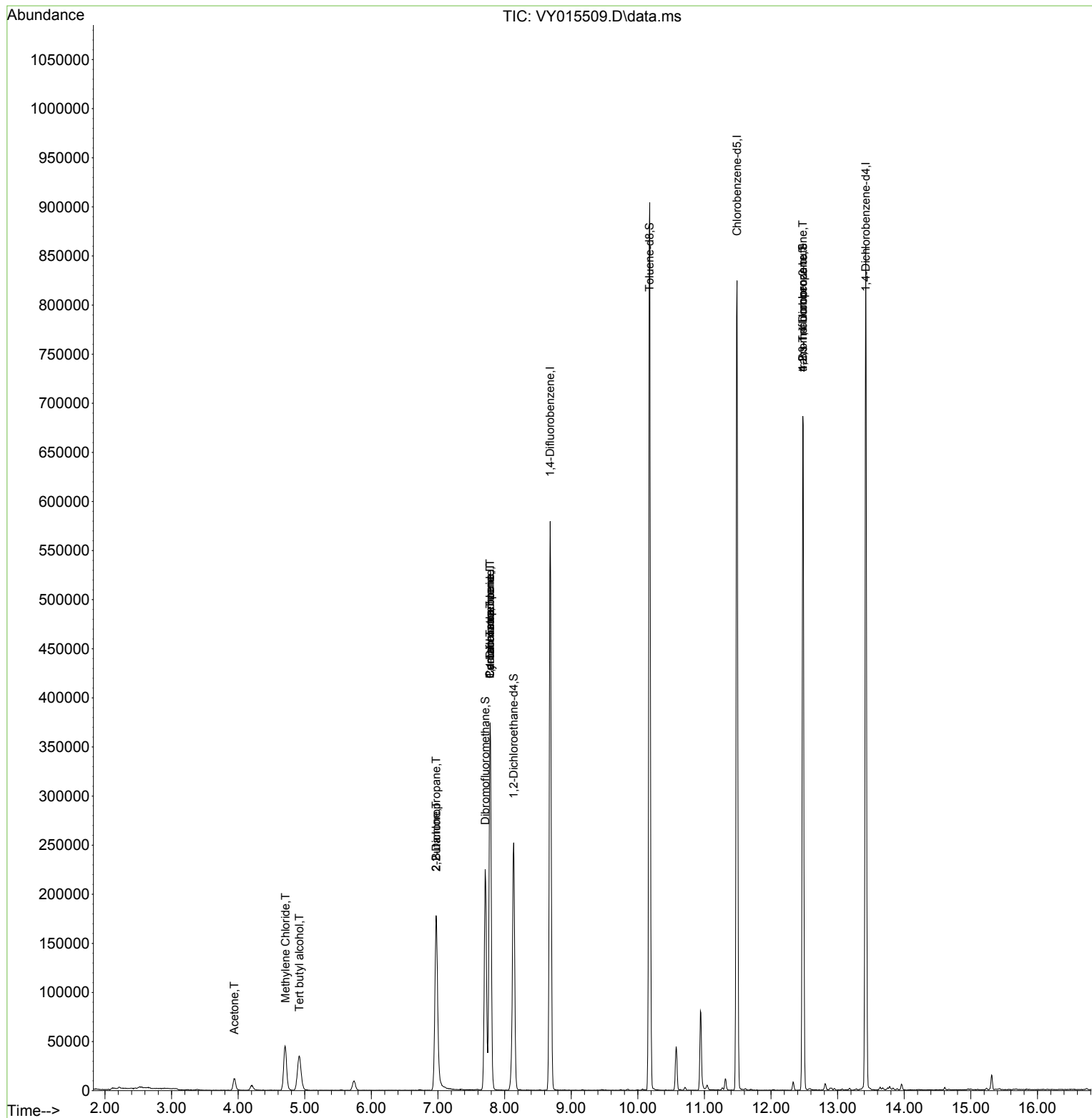
Internal Standards						
1) Pentafluorobenzene	7.783	168	295502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	495823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	453720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	188307	59.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.900%	
35) Dibromofluoromethane	7.710	113	154549	54.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.240%	
50) Toluene-d8	10.179	98	578062	55.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.477	95	202010	52.616	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	35442	34.598	ug/l #	91
16) Acetone	3.942	43	21284	16.097	ug/l	94
20) Methylene Chloride	4.710	84	35334	2.515	ug/l	86
25) 2-Butanone	6.972	43	9172	4.891	ug/l #	73
26) 2,2-Dichloropropane	6.972	77	12722	2.533	ug/l #	54
31) Cyclohexane	7.783	56	6185	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22738	4.534	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28981	5.596	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	109439	38.136	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	109439	84.123	ug/l #	11

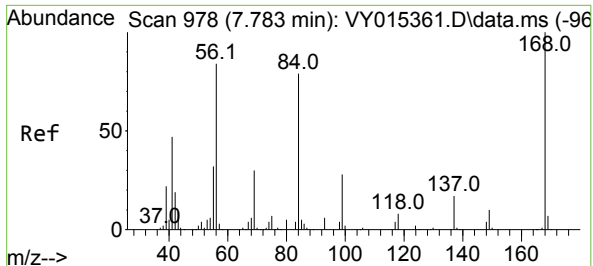
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
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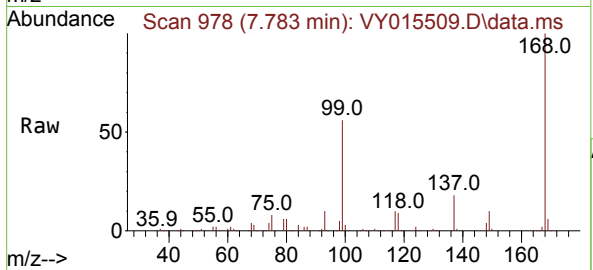
Quant Time: Sep 13 05:54:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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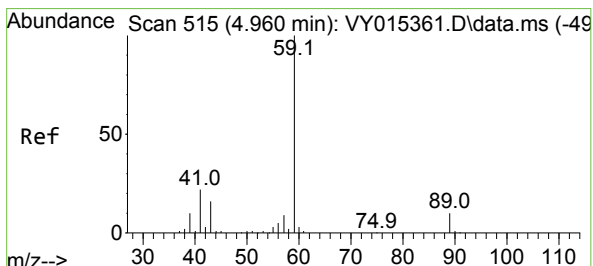
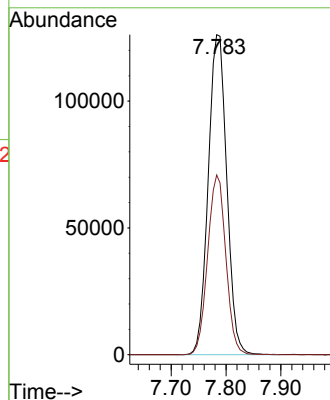
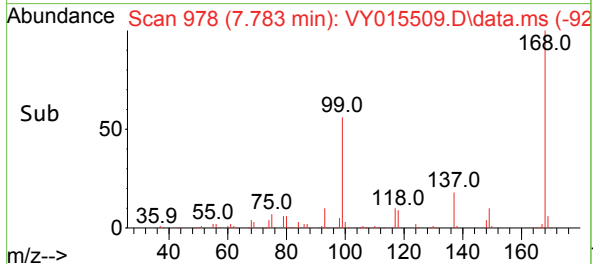


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

Instrument :
MSVOA_Y
ClientSampleId :

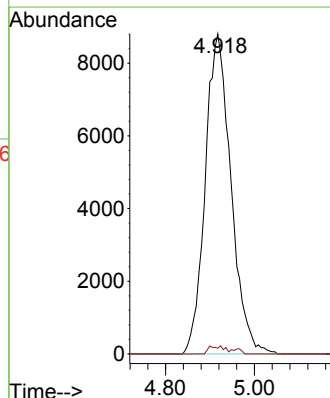
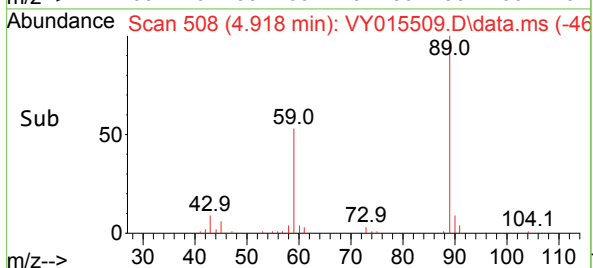
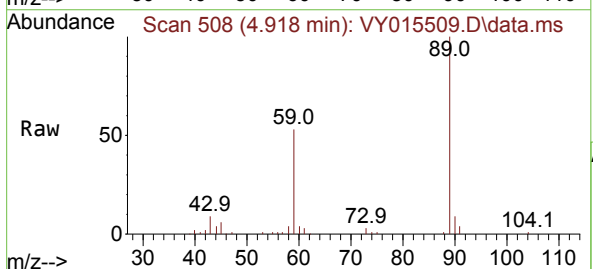


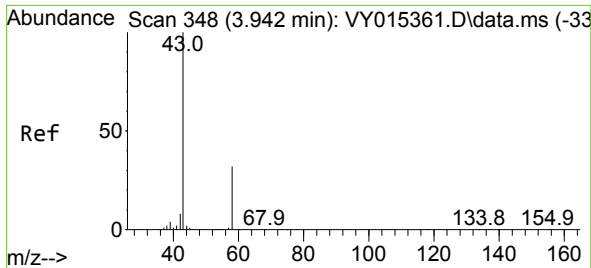
Tgt Ion:168 Resp: 295502
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 34.598 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

Tgt Ion: 59 Resp: 35442
Ion Ratio Lower Upper
59 100
57 0.9 3.0 4.4#





#16

Acetone

Concen: 16.097 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY015509.D

Acq: 12 Sep 2023 15:47

Instrument :

MSVOA_Y

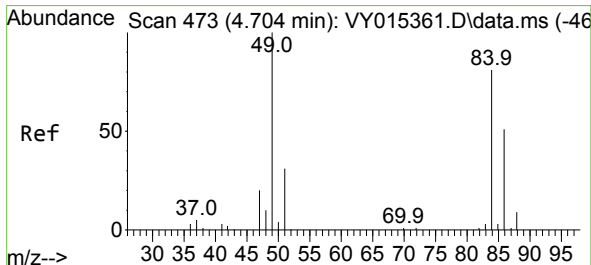
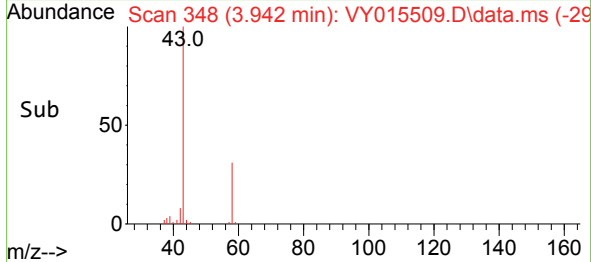
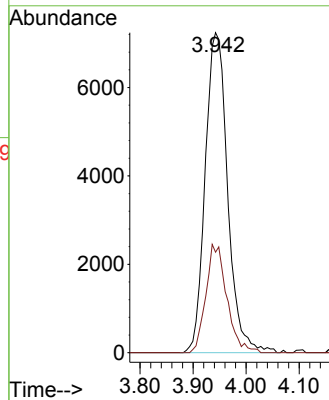
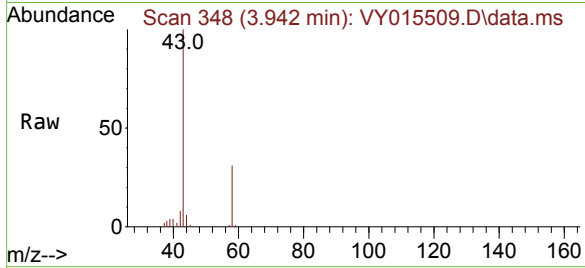
ClientSampleId :

Tgt Ion: 43 Resp: 21284

Ion Ratio Lower Upper

43 100

58 31.4 22.7 34.1



#20

Methylene Chloride

Concen: 2.515 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015509.D

Acq: 12 Sep 2023 15:47

Tgt Ion: 84 Resp: 35334

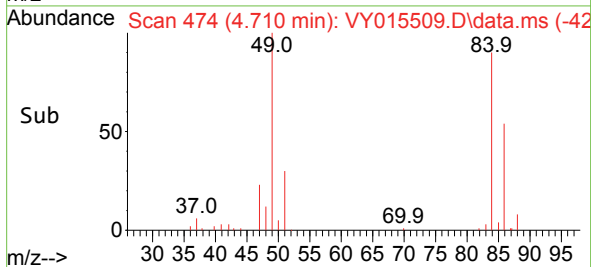
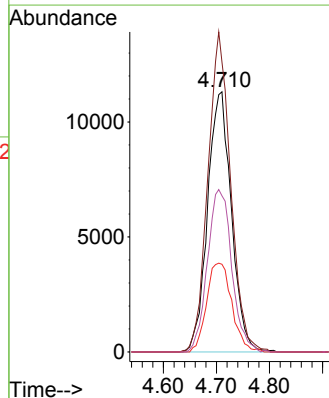
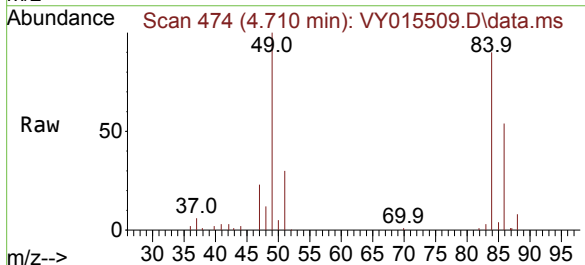
Ion Ratio Lower Upper

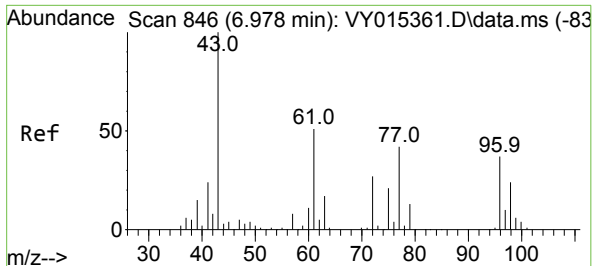
84 100

49 111.4 106.9 160.3

51 33.7 33.2 49.8

86 60.0 51.0 76.6





#25

2-Butanone

Concen: 4.891 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY015509.D

Acq: 12 Sep 2023 15:47

Instrument :

MSVOA_Y

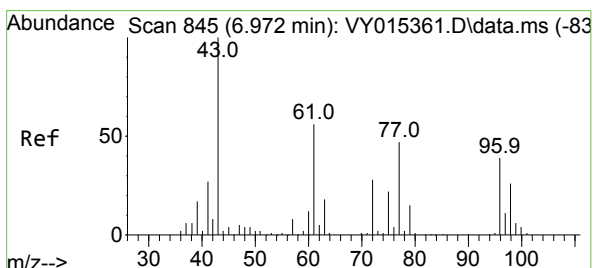
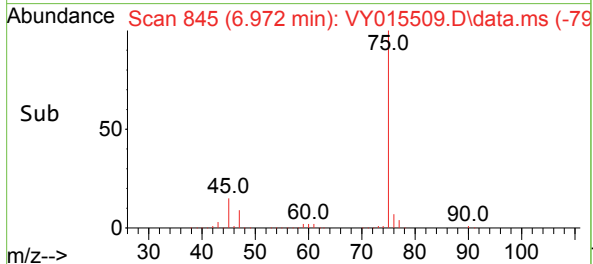
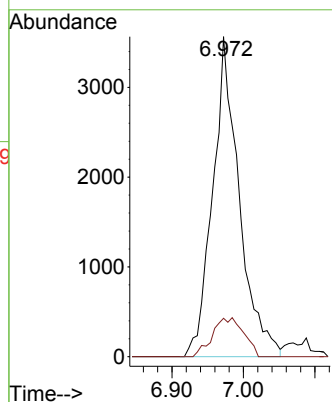
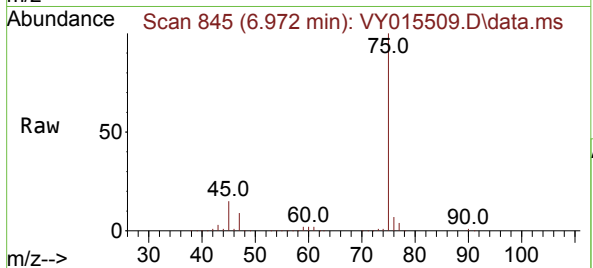
ClientSampleId :

Tgt Ion: 43 Resp: 9172

Ion Ratio Lower Upper

43 100

72 12.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 2.533 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015509.D

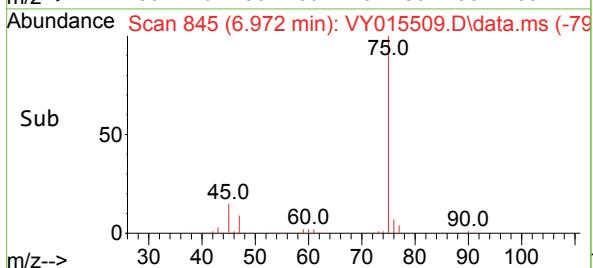
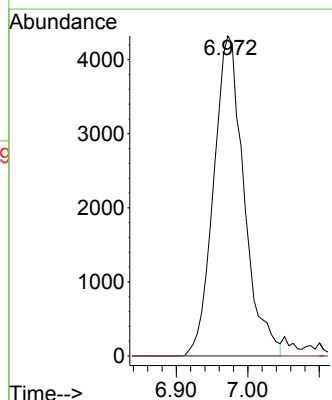
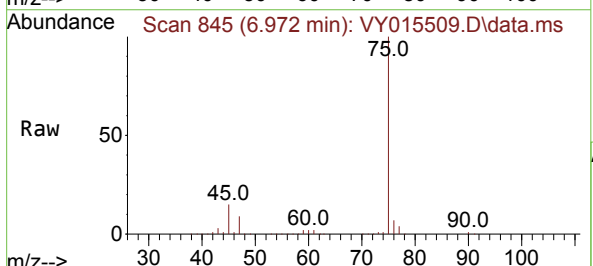
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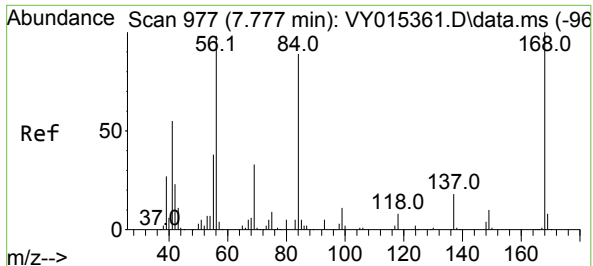
Tgt Ion: 77 Resp: 12722

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

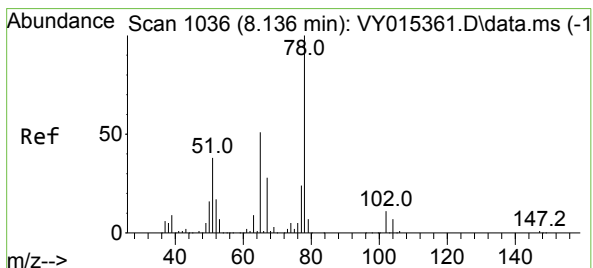
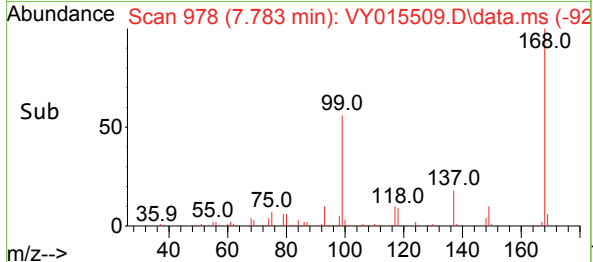
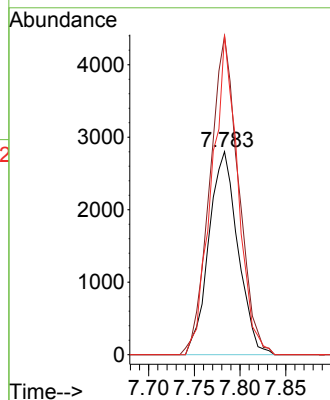
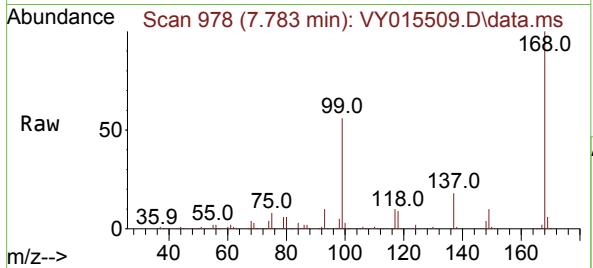




#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

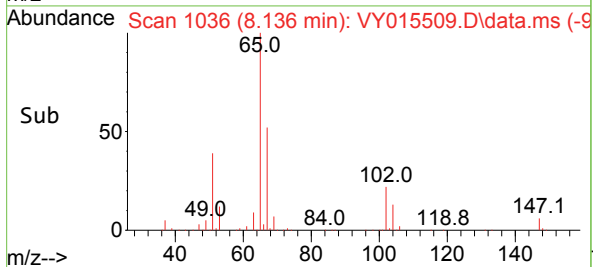
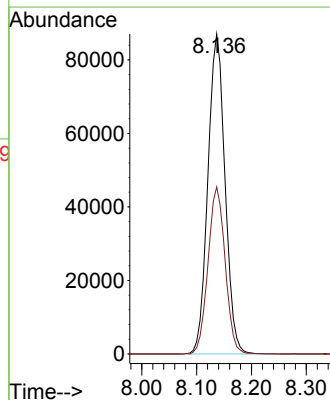
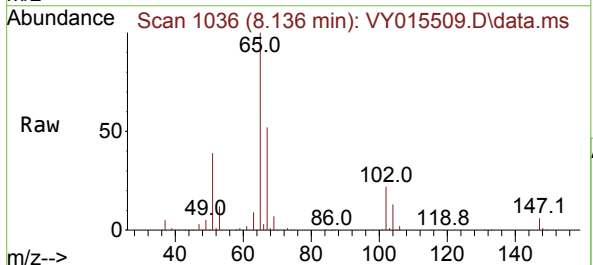
Instrument :
MSVOA_Y
ClientSampleId :

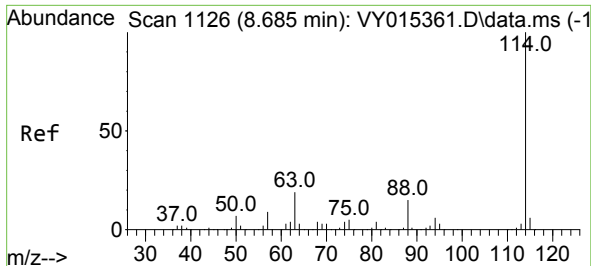
Tgt Ion: 56 Resp: 6185
Ion Ratio Lower Upper
56 100
69 156.9 27.8 41.6#
84 157.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.445 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

Tgt Ion: 65 Resp: 188307
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8

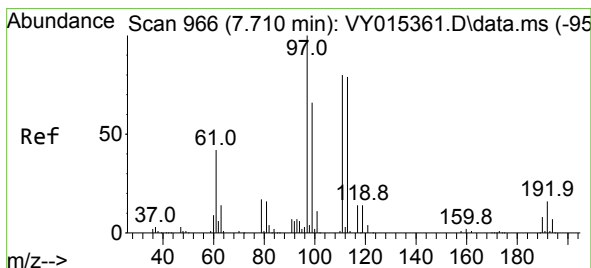
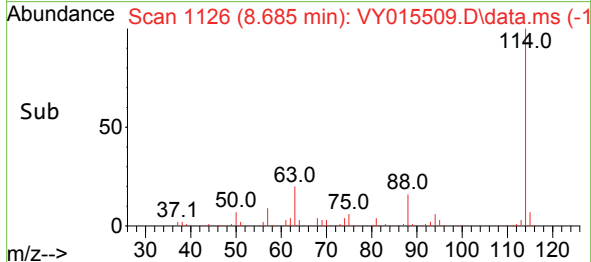
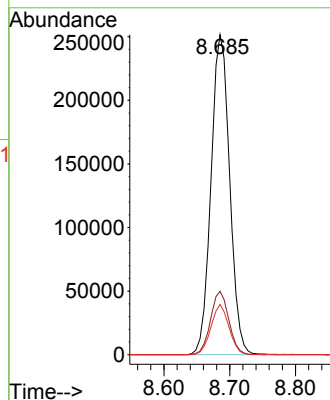
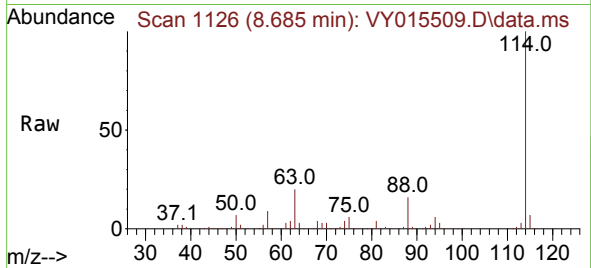




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

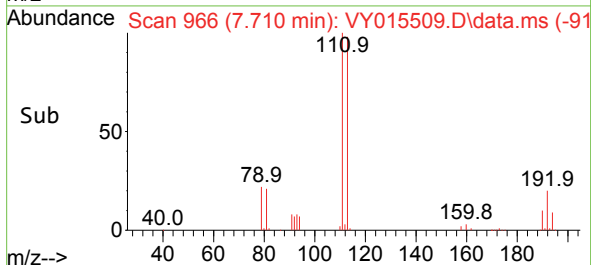
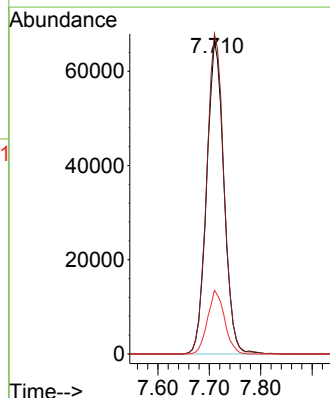
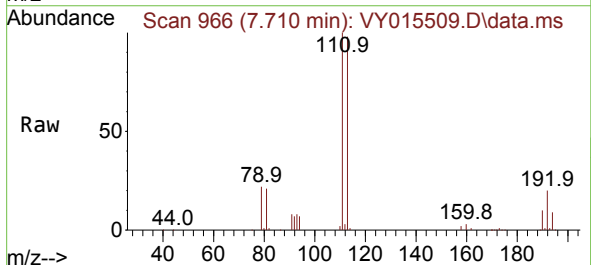
Instrument :
MSVOA_Y
ClientSampleId :

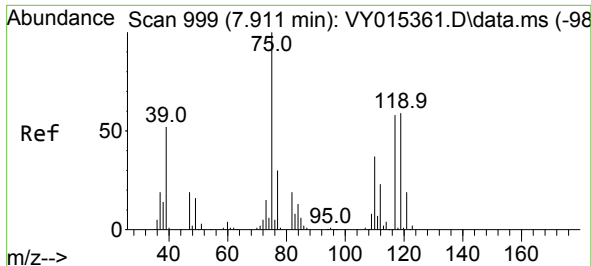
Tgt Ion:114 Resp: 495823
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.117 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

Tgt Ion:113 Resp: 154549
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.0 16.9 25.3

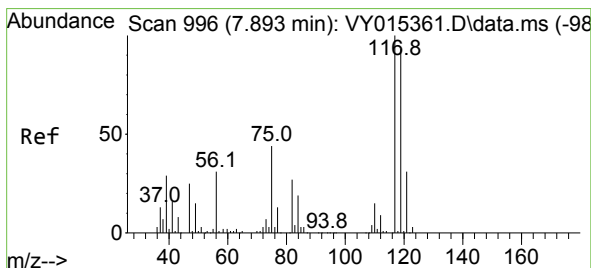
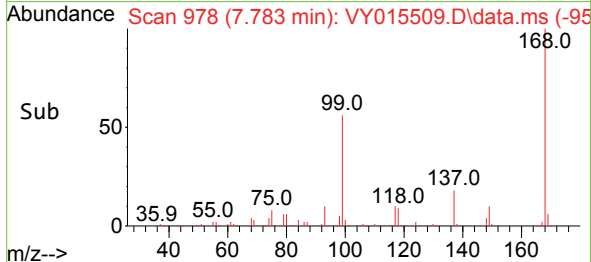
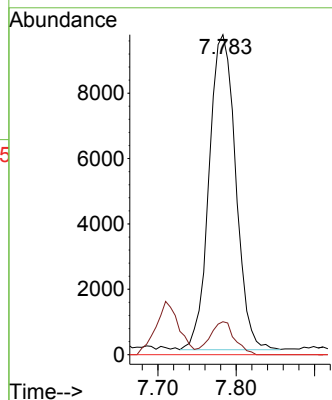
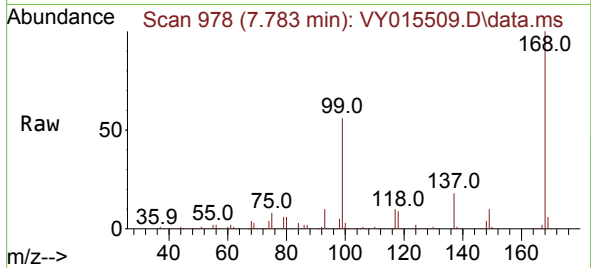




#36
1,1-Dichloropropene
Concen: 4.534 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

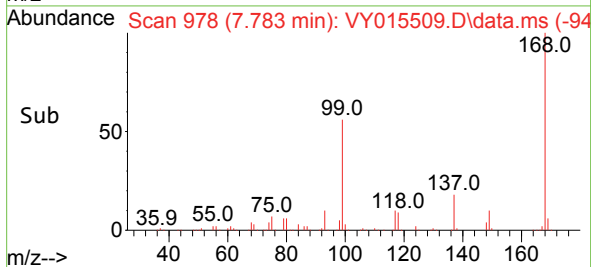
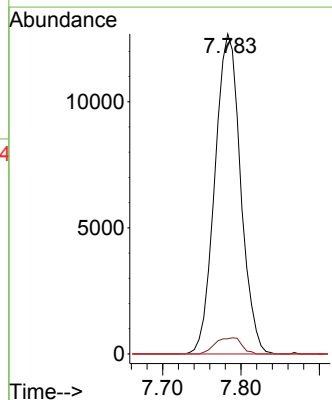
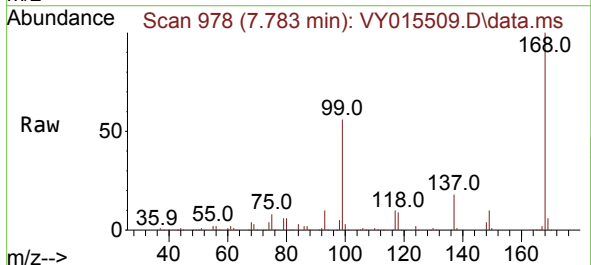
Instrument :
MSVOA_Y
ClientSampleId :

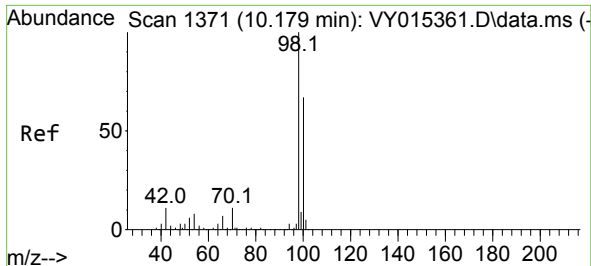
Tgt Ion: 75 Resp: 22738
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.596 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

Tgt Ion: 117 Resp: 28981
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#

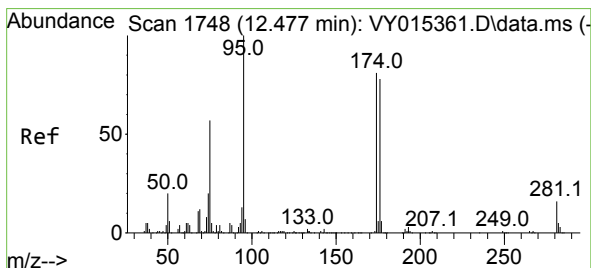
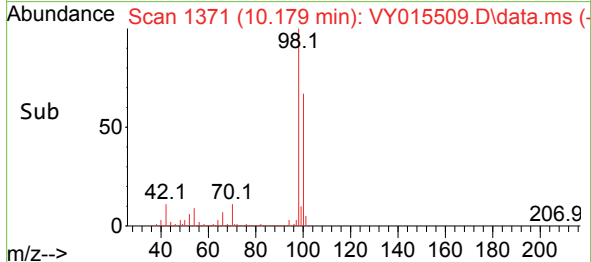
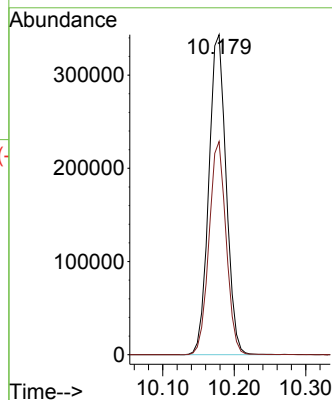
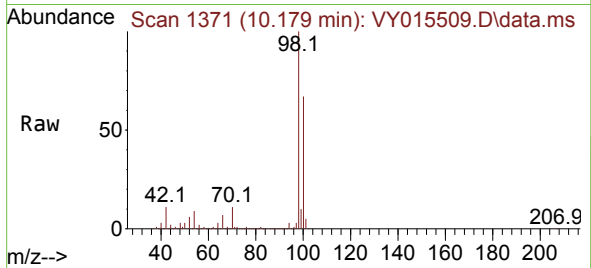




#50
Toluene-d8
Concen: 55.894 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

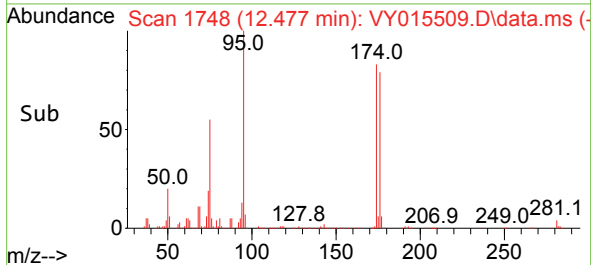
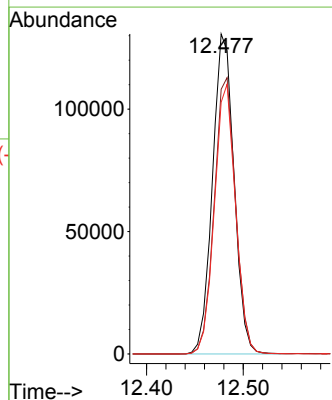
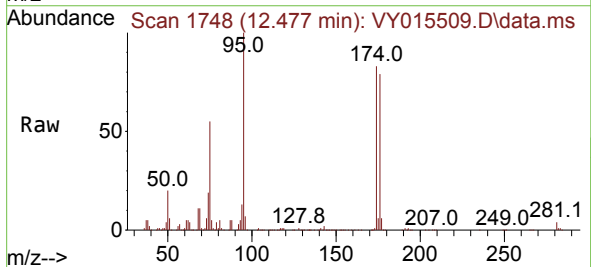
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 578062
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.616 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

Tgt Ion: 95 Resp: 202010
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

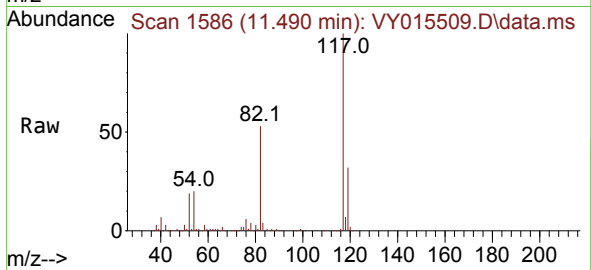
Lab File: VY015509.D

Acq: 12 Sep 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :



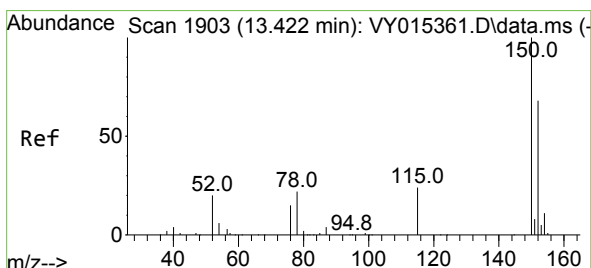
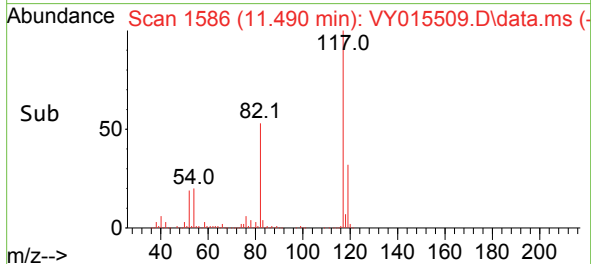
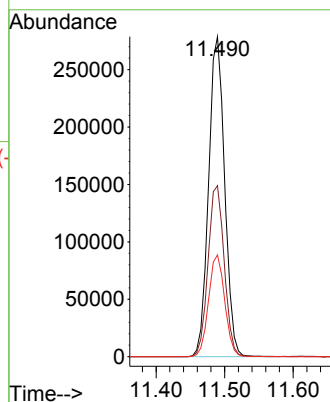
Tgt Ion:117 Resp: 453720

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 31.8 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: VY015509.D

Acq: 12 Sep 2023 15:47

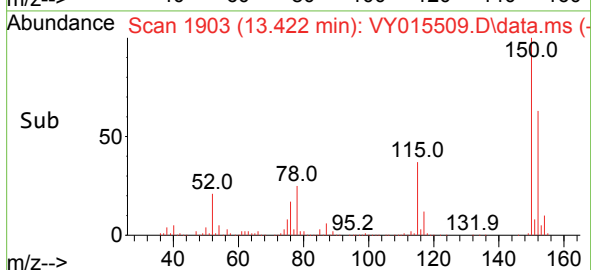
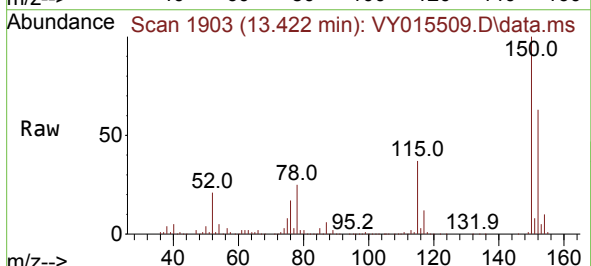
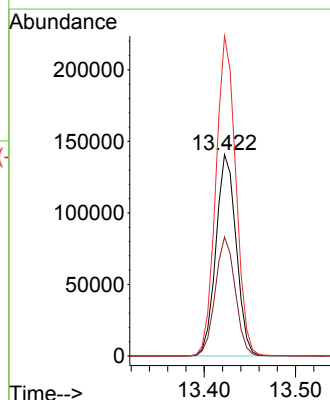
Tgt Ion:152 Resp: 216403

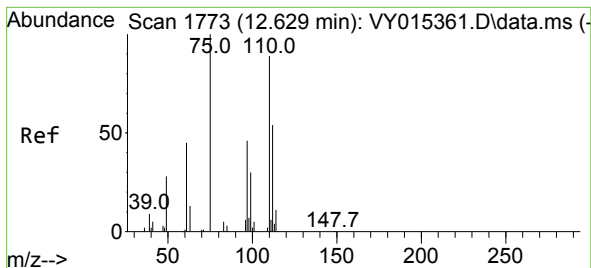
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.1 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 38.136 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015509.D

Acq: 12 Sep 2023 15:47

Instrument :

MSVOA_Y

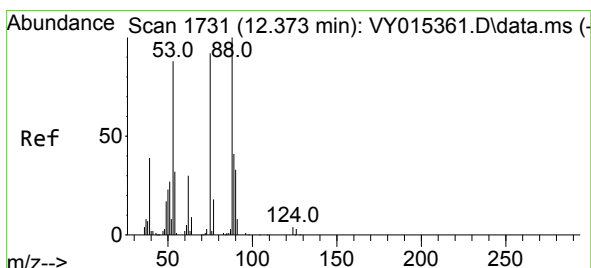
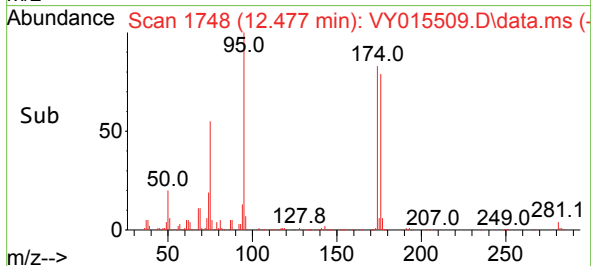
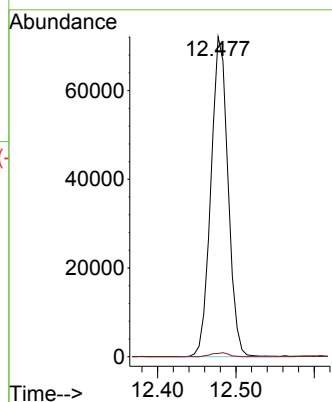
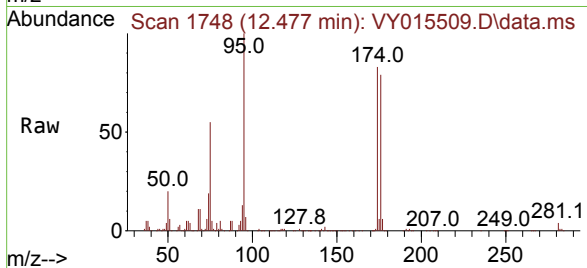
ClientSampleId :

Tgt Ion: 75 Resp: 109439

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.123 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY015509.D

Acq: 12 Sep 2023 15:47

Tgt Ion: 75 Resp: 109439

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

