

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015379.D
 Acq On : 30 Aug 2023 15:51
 Operator : SY/MD
 Sample : 04210-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:01:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

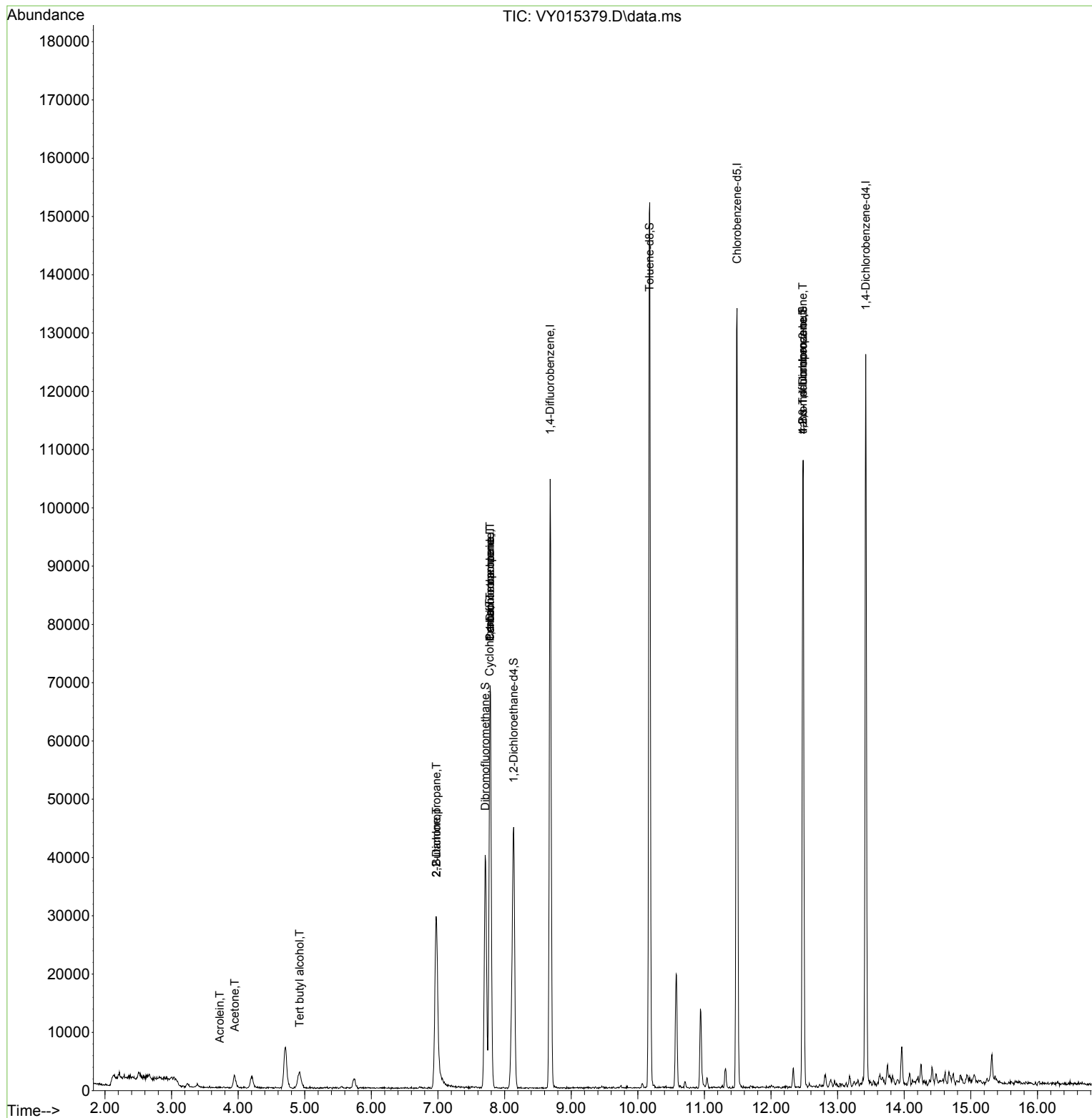
Internal Standards						
1) Pentafluorobenzene	7.783	168	54536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	74852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	31363	53.647	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.300%			
35) Dibromofluoromethane	7.709	113	28138	56.032	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.060%			
50) Toluene-d8	10.178	98	100015	54.996	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.000%			
62) 4-Bromofluorobenzene	12.477	95	29715	44.014	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.020%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.923	59	3336	24.609	ug/l #	89
13) Acrolein	3.722	56	19	11.757	ug/l #	14
16) Acetone	3.948	43	3852	15.786	ug/l	99
25) 2-Butanone	6.978	43	1691	4.886	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	2372	2.559	ug/l #	54
31) Cyclohexane	7.776	56	1104	1.063	ug/l #	32
36) 1,1-Dichloropropene	7.783	75	4725	5.359	ug/l #	50
38) Carbon Tetrachloride	7.783	117	5338	5.861	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	16226	39.477	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16226	86.723	ug/l #	10

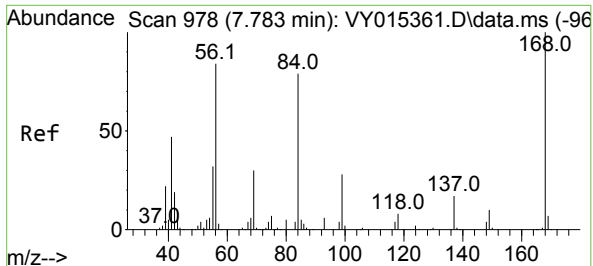
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
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MSVOA_Y
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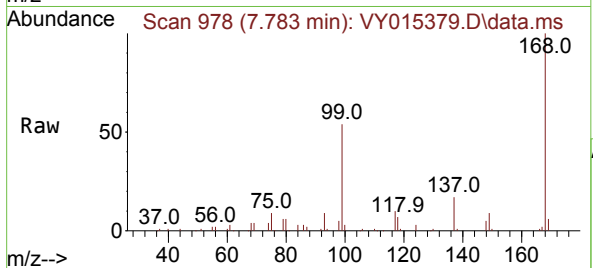
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration



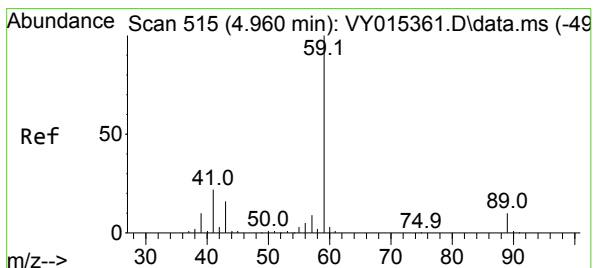
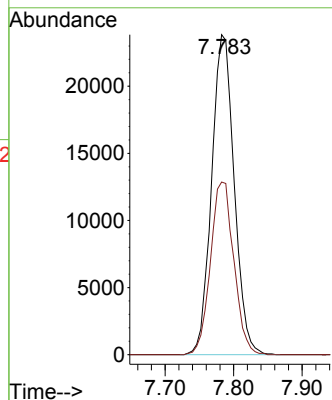
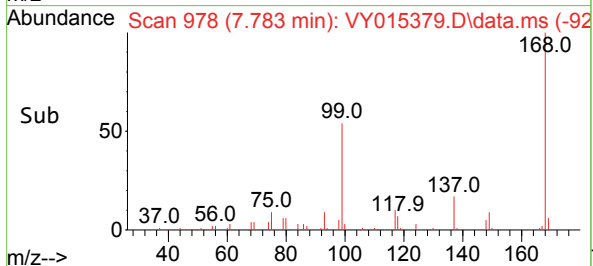


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :

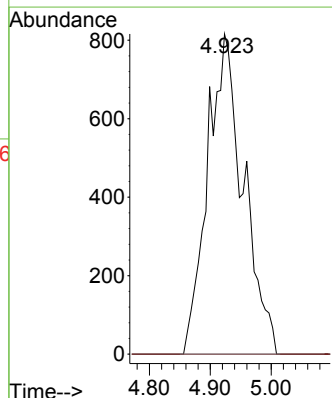
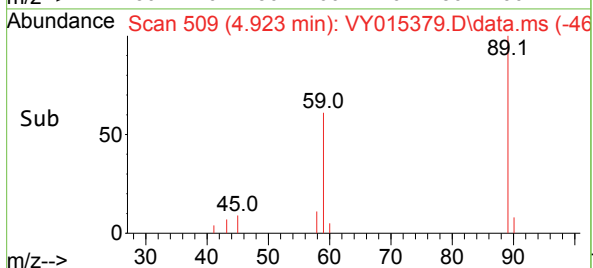
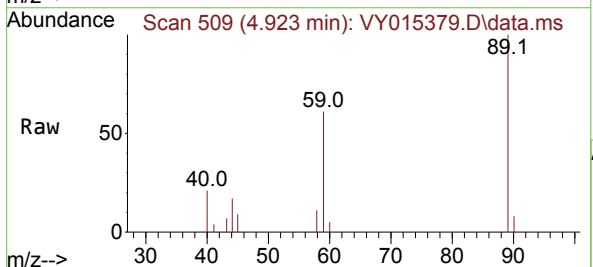


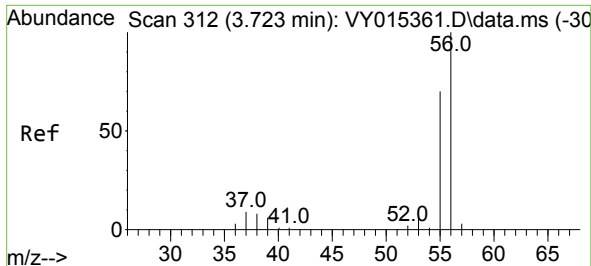
Tgt Ion:168 Resp: 54536
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 24.609 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

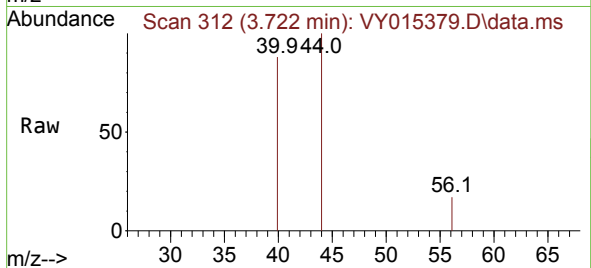
Tgt Ion: 59 Resp: 3336
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



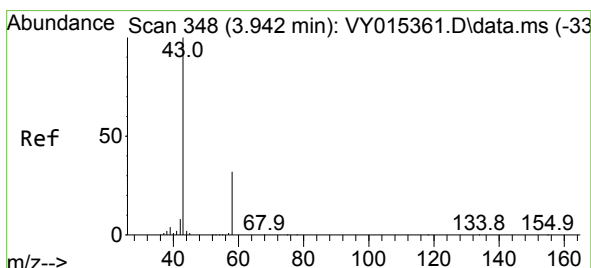
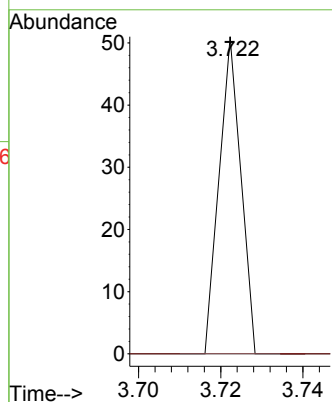
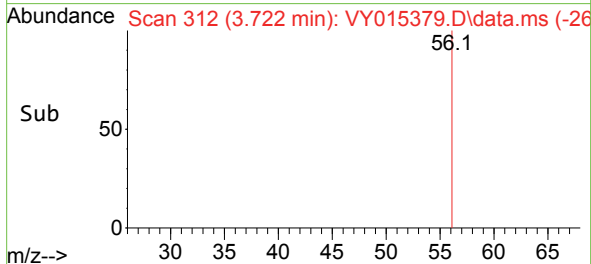


#13
Acrolein
Concen: 11.757 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

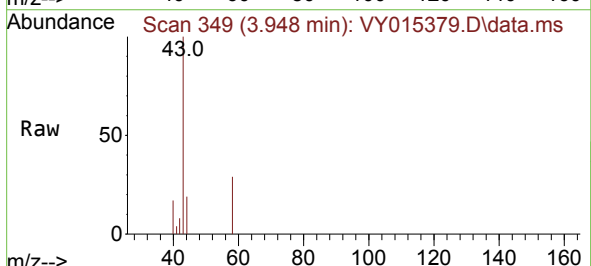
Instrument :
MSVOA_Y
ClientSampleId :



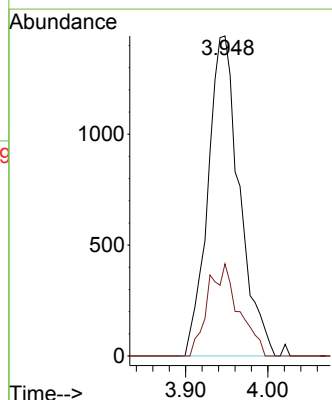
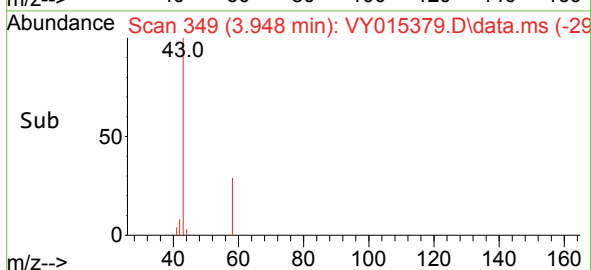
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

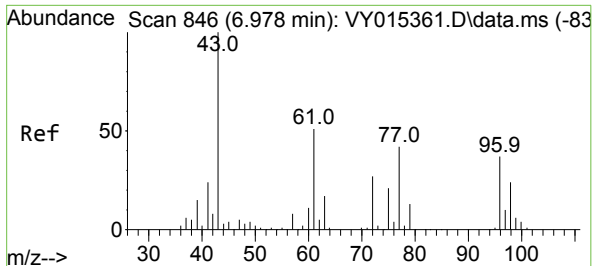


#16
Acetone
Concen: 15.786 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51



Tgt Ion: 43 Resp: 3852
Ion Ratio Lower Upper
43 100
58 28.8 22.7 34.1





#25

2-Butanone

Concen: 4.886 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015379.D

Acq: 30 Aug 2023 15:51

Instrument :

MSVOA_Y

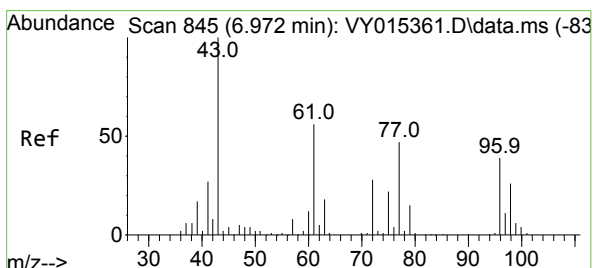
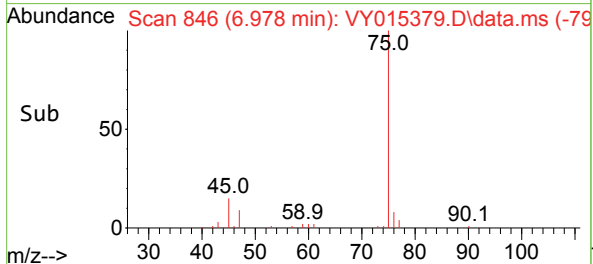
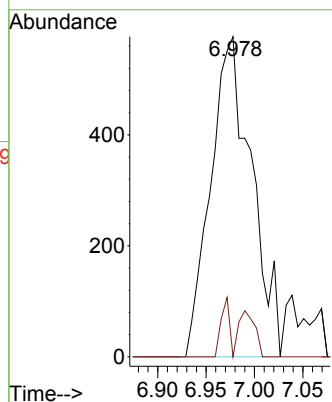
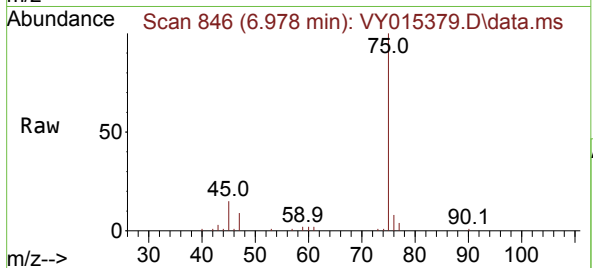
ClientSampleId :

Tgt Ion: 43 Resp: 1691

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 2.559 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015379.D

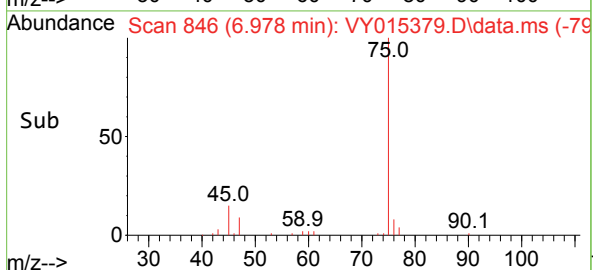
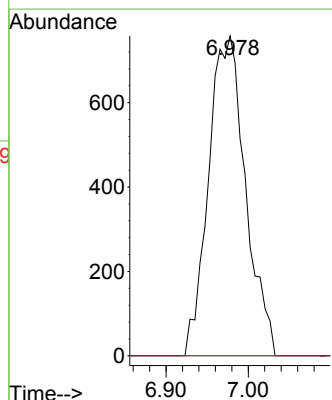
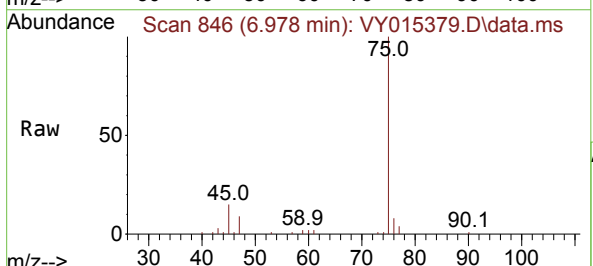
Acq: 30 Aug 2023 15:51

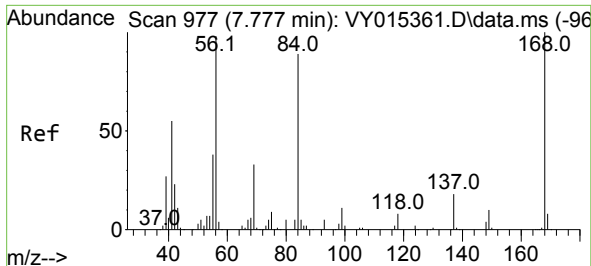
Tgt Ion: 77 Resp: 2372

Ion Ratio Lower Upper

77 100

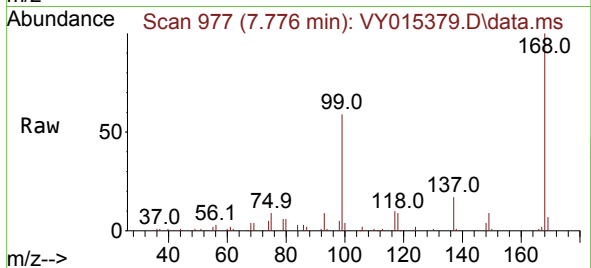
97 0.0 10.9 32.9#



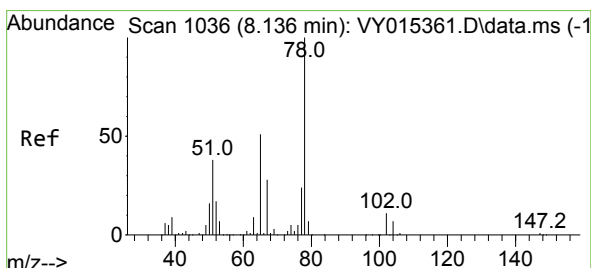
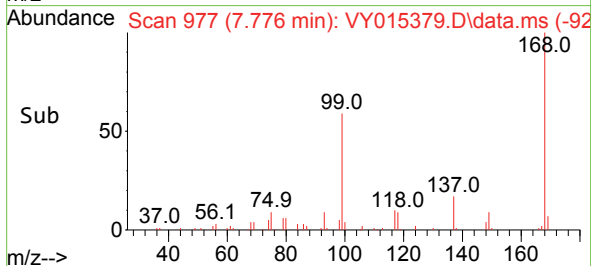
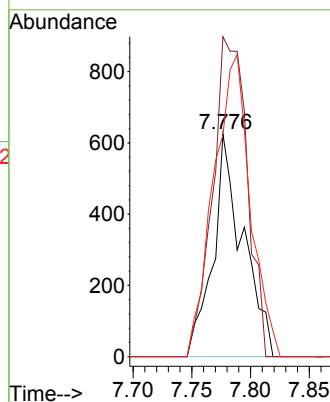


#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :

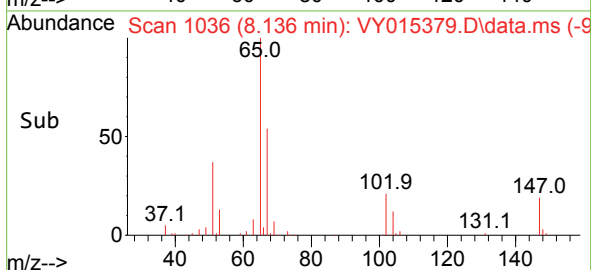
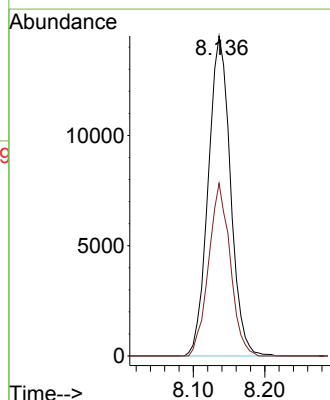
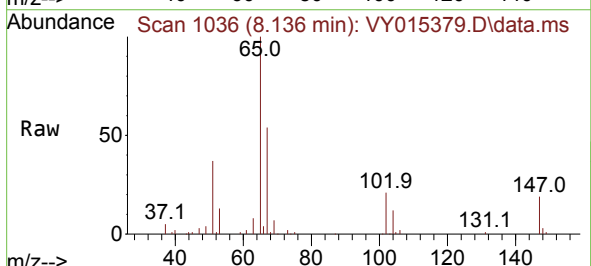


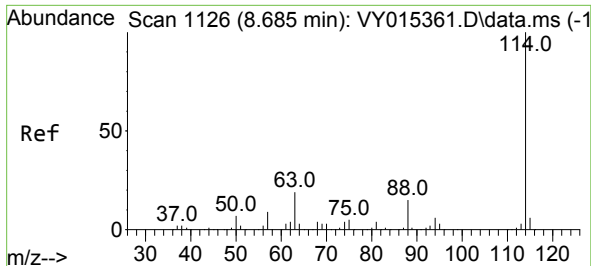
Tgt Ion: 56 Resp: 1104
Ion Ratio Lower Upper
56 100
69 143.7 27.8 41.6#
84 99.5 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 53.647 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Tgt Ion: 65 Resp: 31363
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

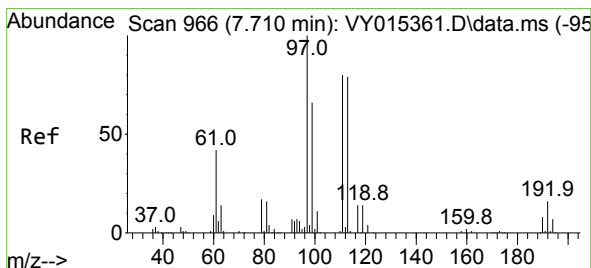
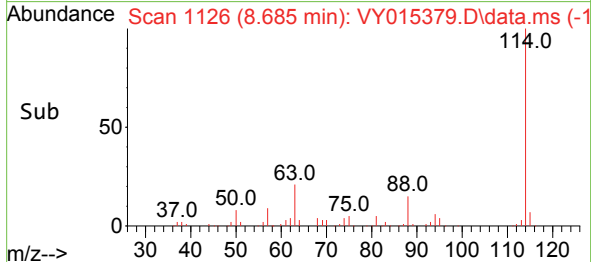
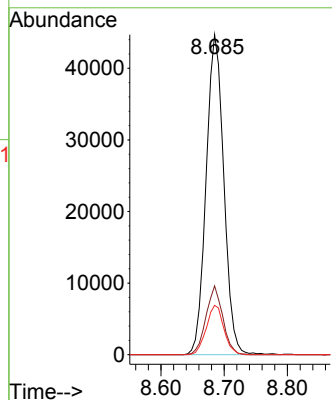
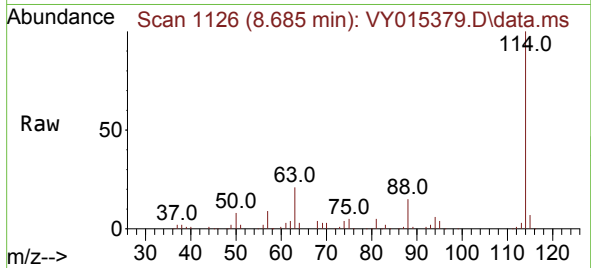




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

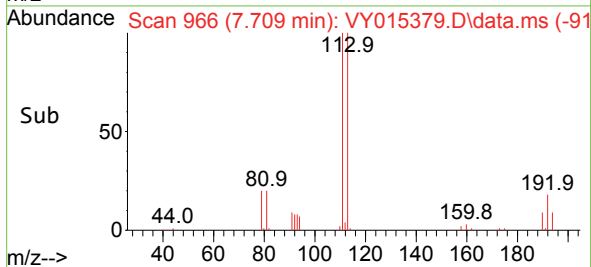
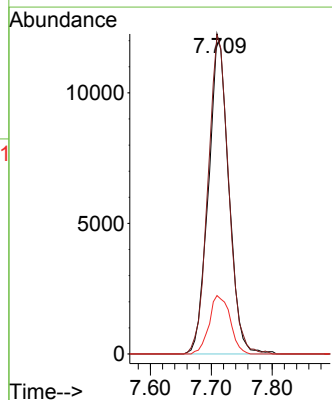
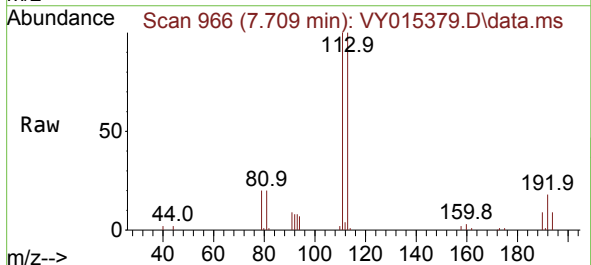
Instrument :
MSVOA_Y
ClientSampleId :

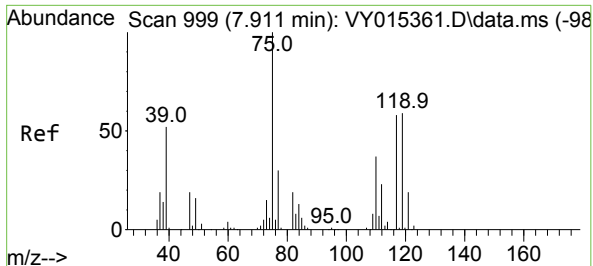
Tgt Ion:114 Resp: 87187
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.032 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Tgt Ion:113 Resp: 28138
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.359 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY015379.D

Acq: 30 Aug 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

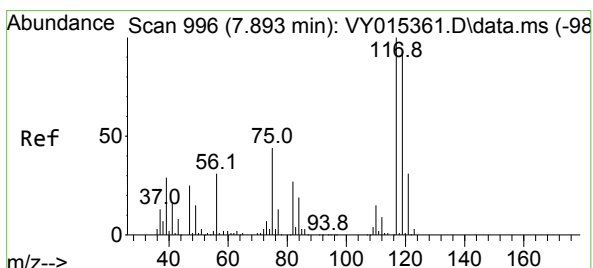
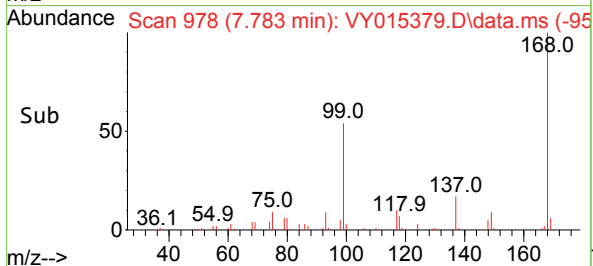
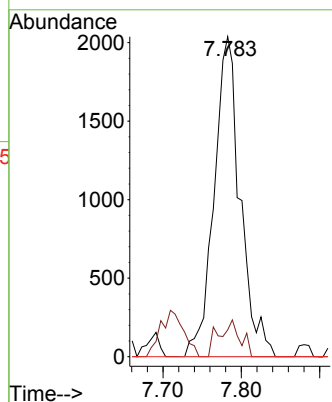
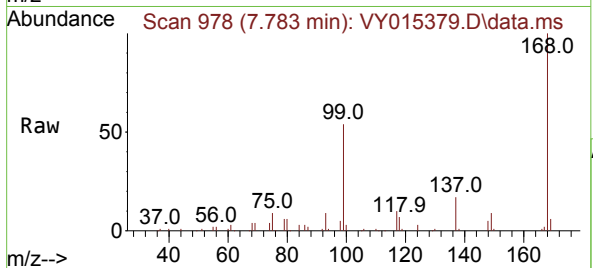
Tgt Ion: 75 Resp: 4725

Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.861 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY015379.D

Acq: 30 Aug 2023 15:51

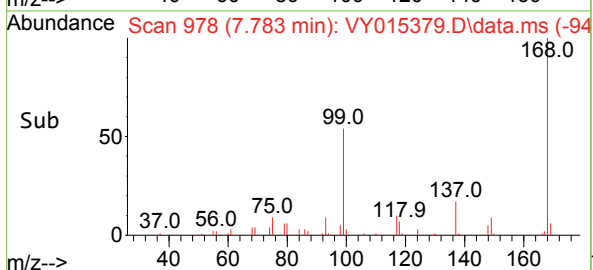
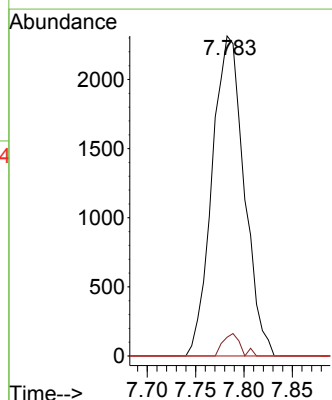
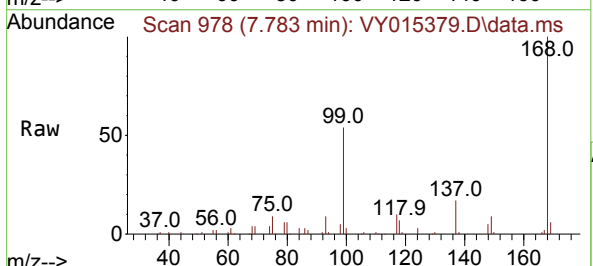
Tgt Ion: 117 Resp: 5338

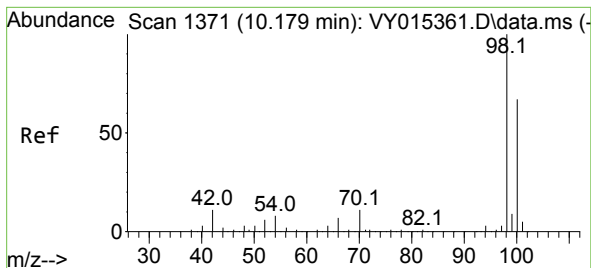
Ion Ratio Lower Upper

117 100

119 5.9 76.4 114.6#

121 0.0 25.8 38.6#

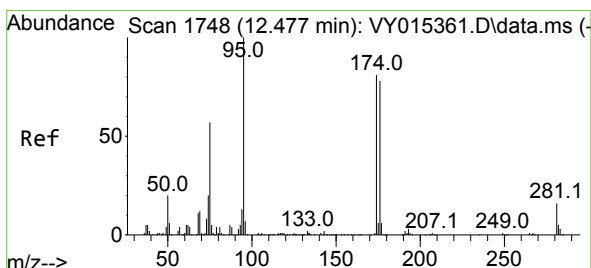
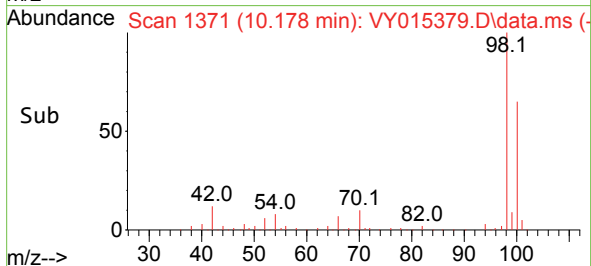
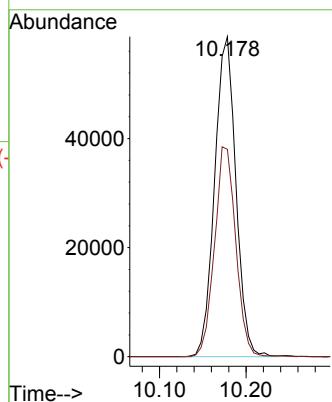
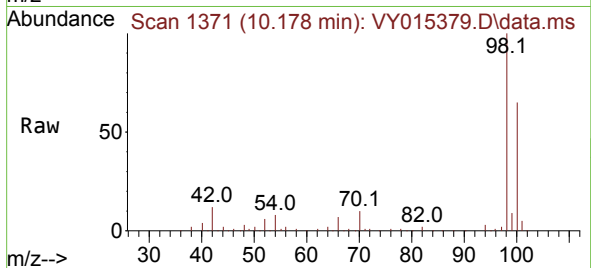




#50
Toluene-d8
Concen: 54.996 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

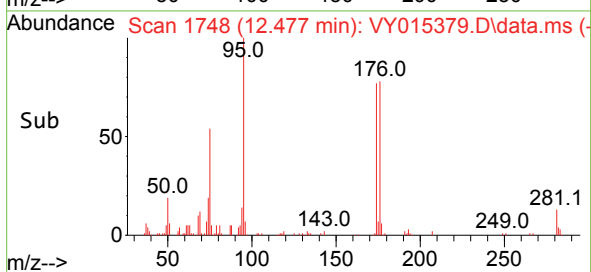
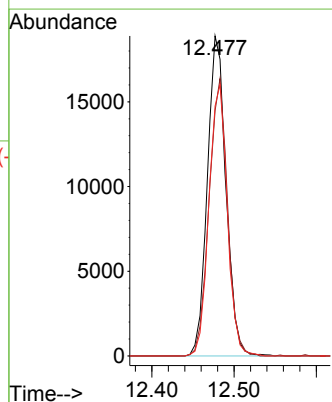
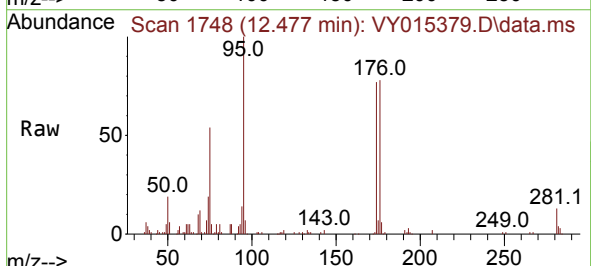
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 100015
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.014 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Tgt Ion: 95 Resp: 29715
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

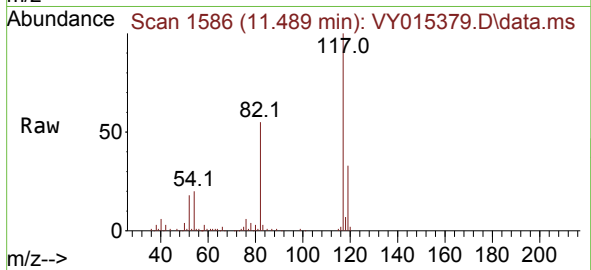
Lab File: VY015379.D

Acq: 30 Aug 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :



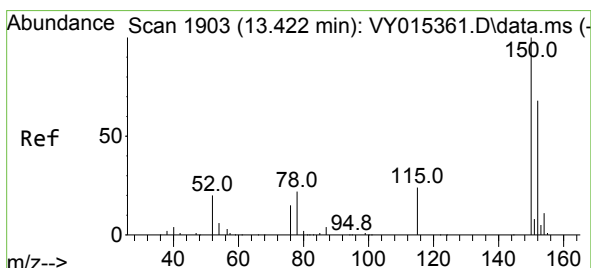
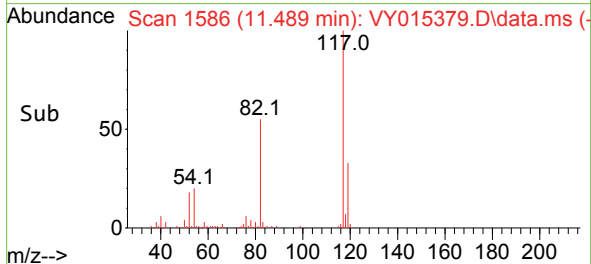
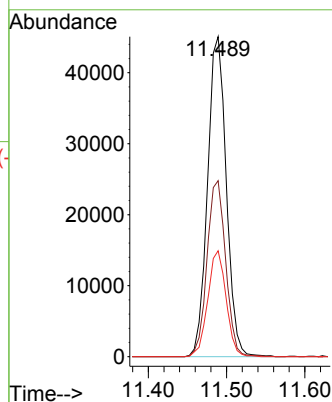
Tgt Ion:117 Resp: 74852

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 33.1 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: VY015379.D

Acq: 30 Aug 2023 15:51

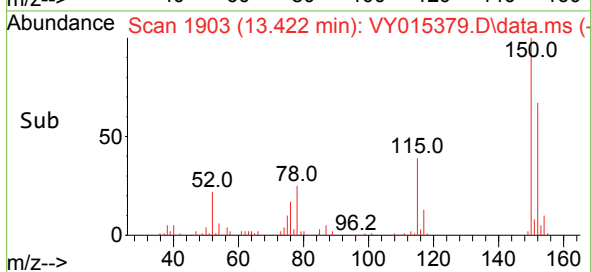
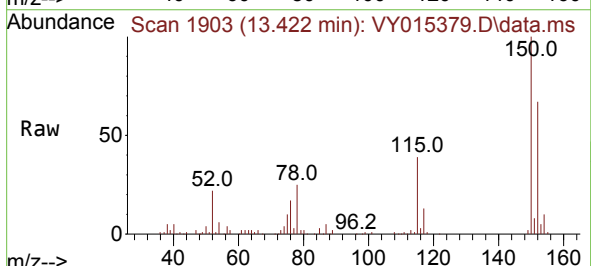
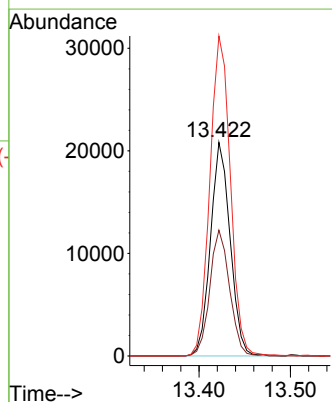
Tgt Ion:152 Resp: 31123

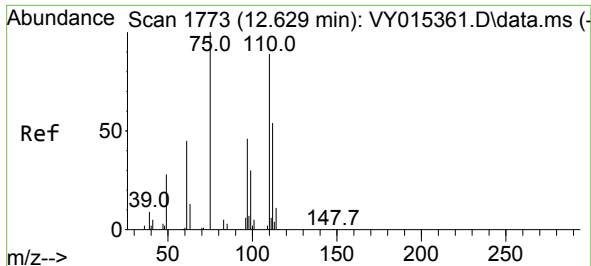
Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 156.1 0.0 348.8

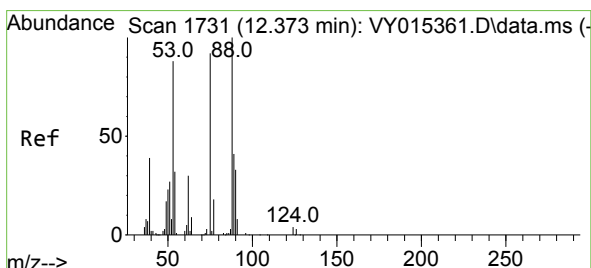
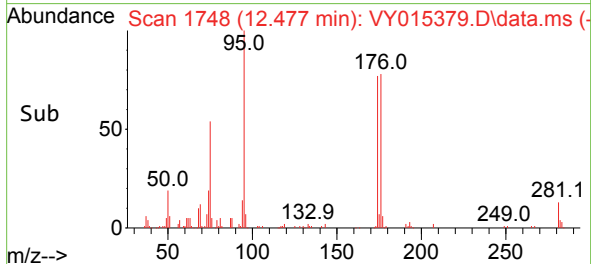
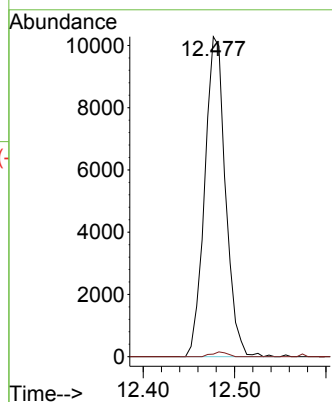
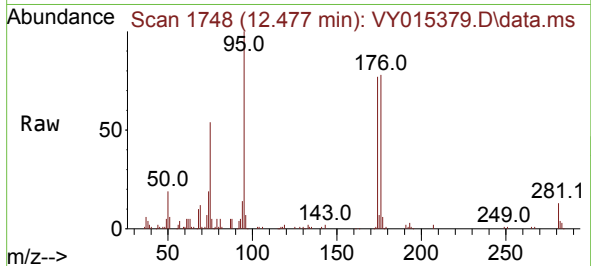




#76
1,2,3-Trichloropropane
Concen: 39.477 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 16226
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.723 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Tgt Ion: 75 Resp: 16226
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

