

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015579.D
 Acq On : 15 Sep 2023 19:00
 Operator : SY/MD
 Sample : 04423-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 23:00:23 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)

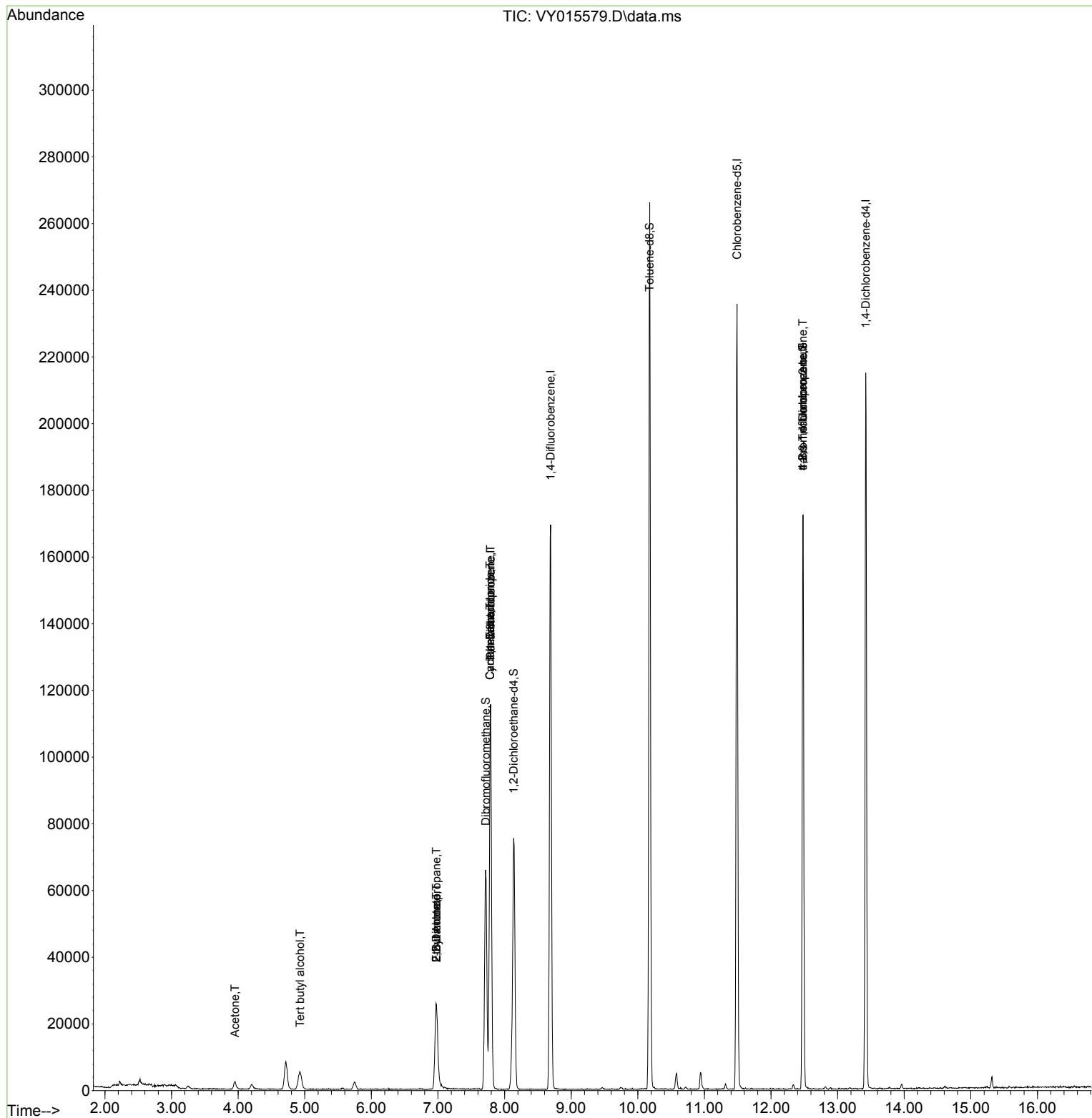
Internal Standards						
1) Pentafluorobenzene	7.789	168	88487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55639	58.656	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.320%			
35) Dibromofluoromethane	7.716	113	47579	56.310	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.620%			
50) Toluene-d8	10.179	98	171044	55.899	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.800%			
62) 4-Bromofluorobenzene	12.477	95	53440	47.045	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.080%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.930	59	5198	8.369	ug/l #	89
16) Acetone	3.954	43	3996	10.093	ug/l	98
20) Methylene Chloride	4.710	84	6284	Below Cal		86
25) 2-Butanone	6.978	43	1327	2.363	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	2057	1.368	ug/l #	54
31) Cyclohexane	7.783	56	1750	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7471	5.036	ug/l #	49
37) Ethyl Acetate	6.978	43	1327	1.160	ug/l #	1
38) Carbon Tetrachloride	7.783	117	8981	5.861	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	27788	38.031	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27788	83.892	ug/l #	11

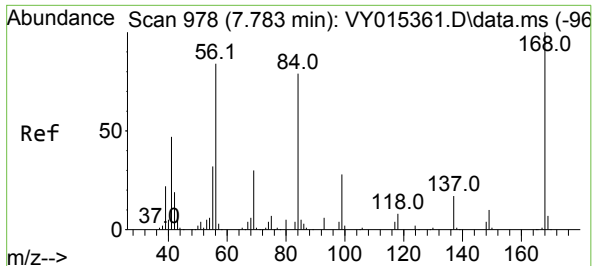
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
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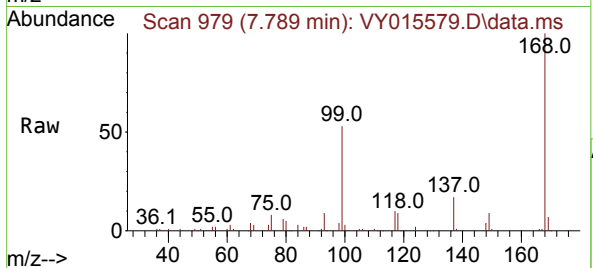
Quant Time: Sep 15 23:00:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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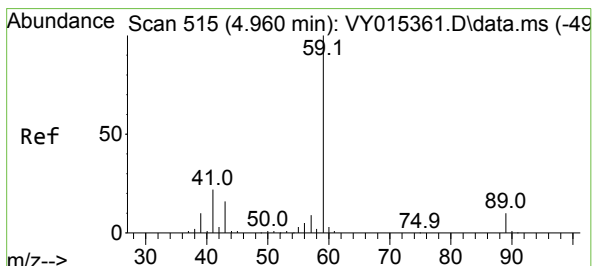
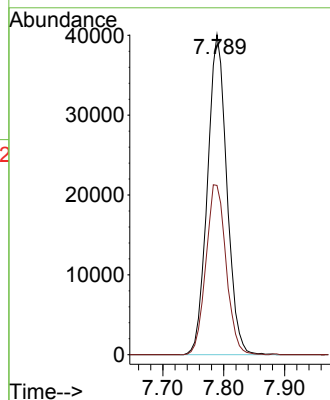
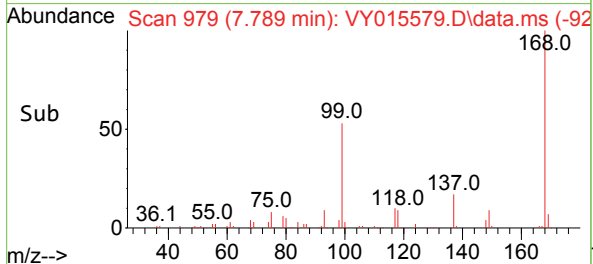


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

Instrument :
MSVOA_Y
ClientSampleId :

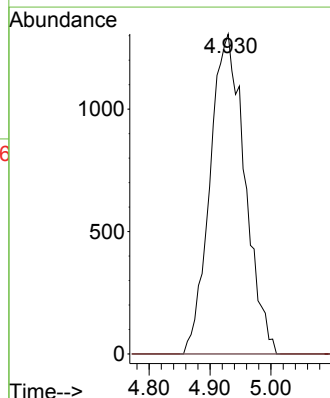
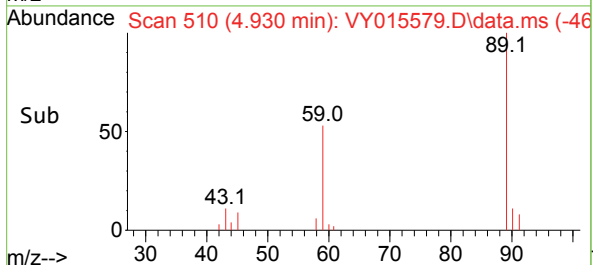
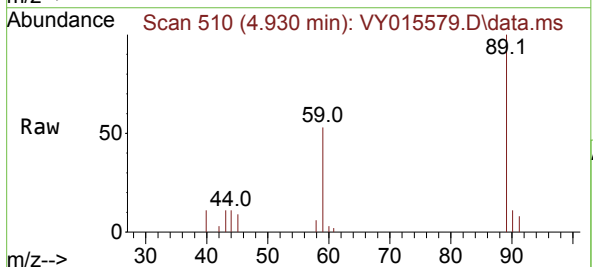


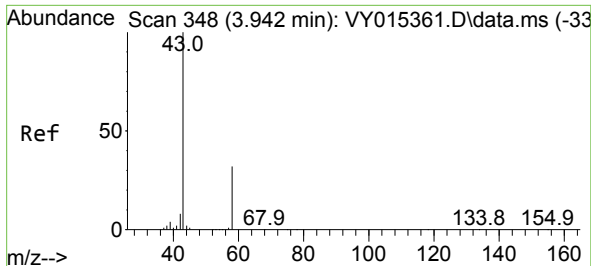
Tgt Ion:168 Resp: 88487
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.369 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

Tgt Ion: 59 Resp: 5198
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

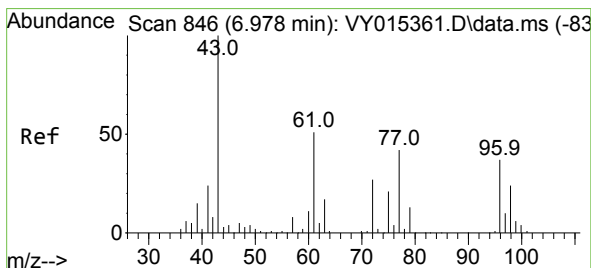
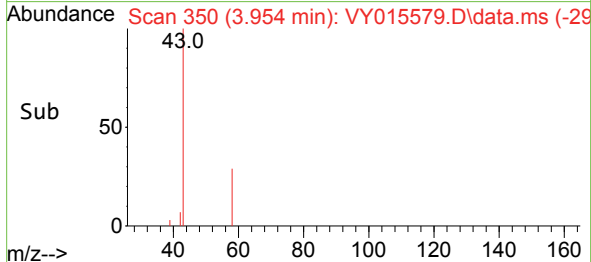
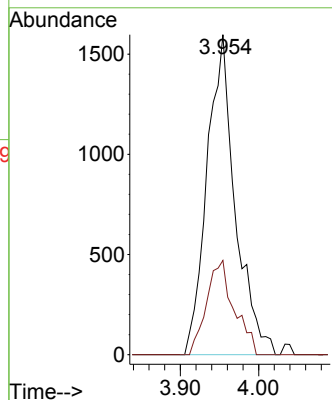
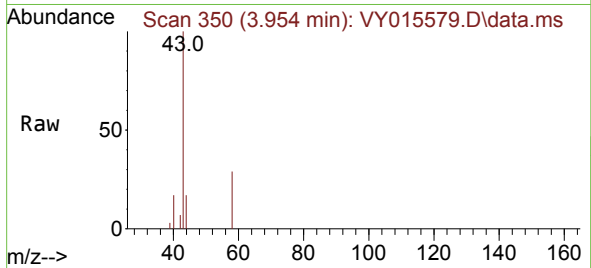




#16
Acetone
Concen: 10.093 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

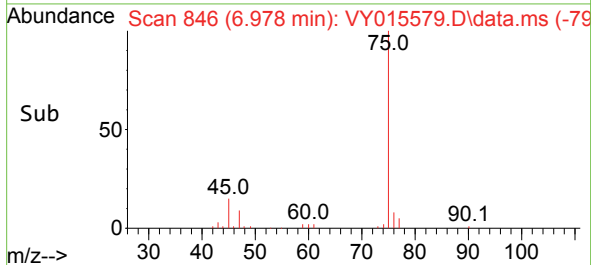
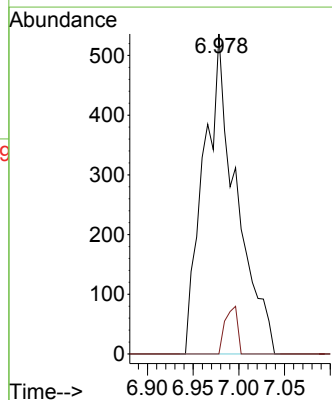
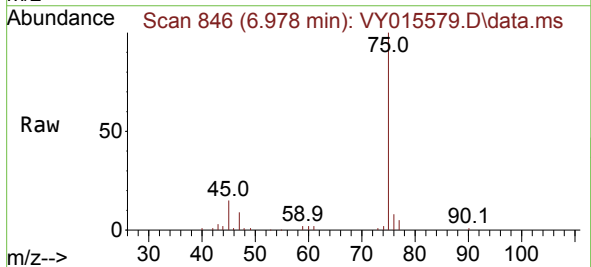
Instrument :
MSVOA_Y
ClientSampleId :

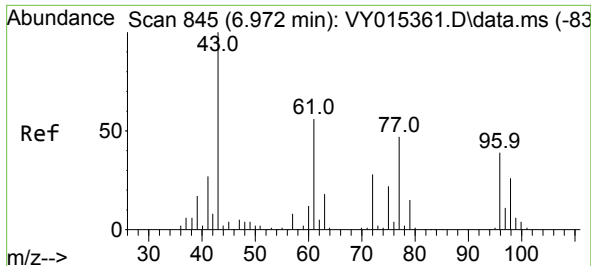
Tgt Ion: 43 Resp: 3996
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1



#25
2-Butanone
Concen: 2.363 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

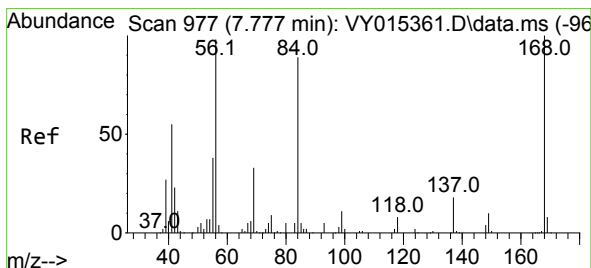
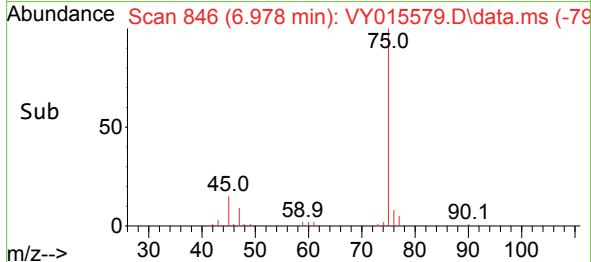
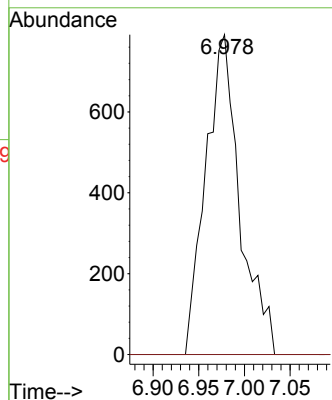
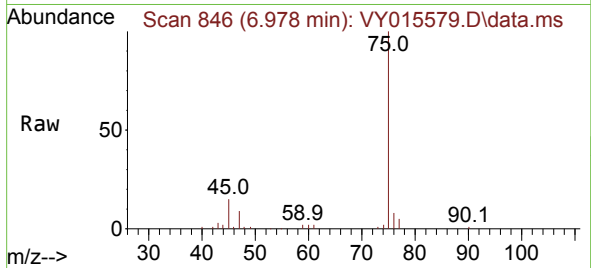




#26
2,2-Dichloropropane
Concen: 1.368 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

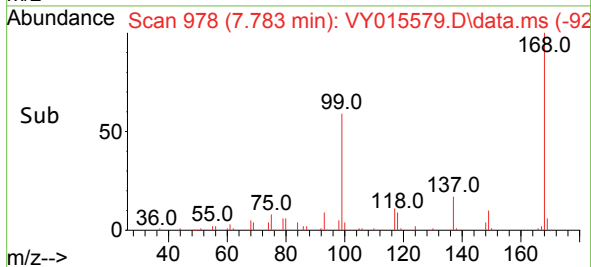
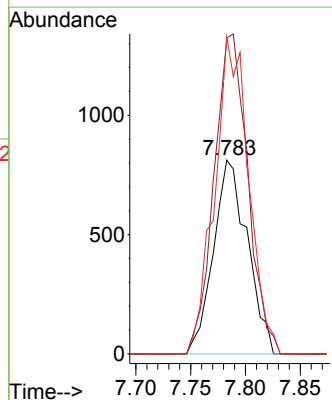
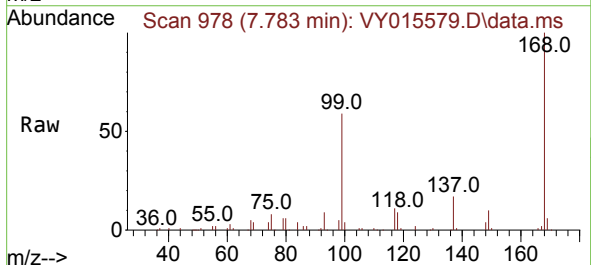
Instrument :
MSVOA_Y
ClientSampleId :

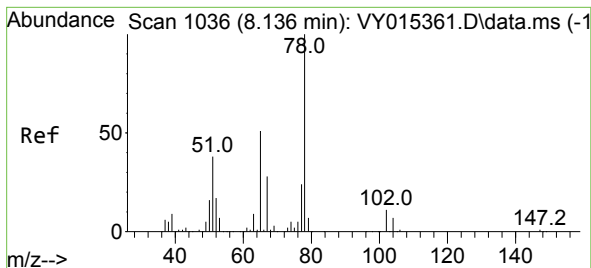
Tgt Ion: 77 Resp: 2057
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

Tgt Ion: 56 Resp: 1750
Ion Ratio Lower Upper
56 100
69 163.2 27.8 41.6#
84 163.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.656 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015579.D

Acq: 15 Sep 2023 19:00

Instrument :

MSVOA_Y

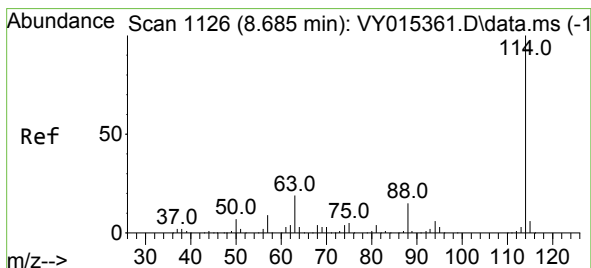
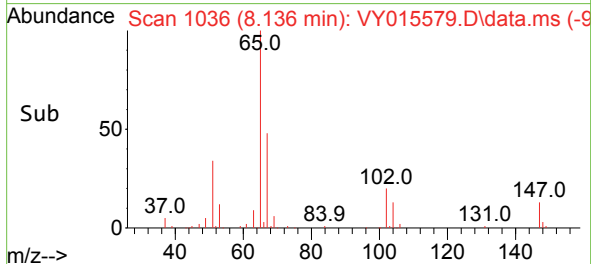
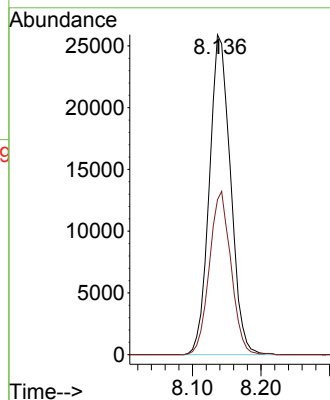
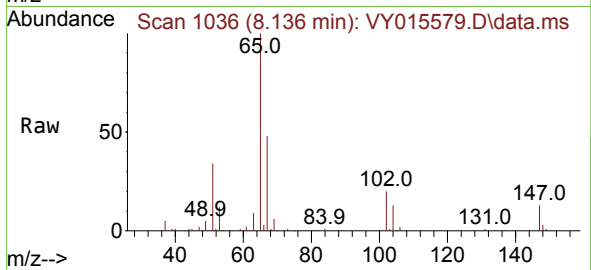
ClientSampleId :

Tgt Ion: 65 Resp: 55639

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015579.D

Acq: 15 Sep 2023 19:00

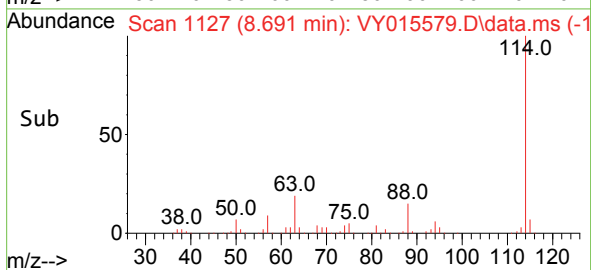
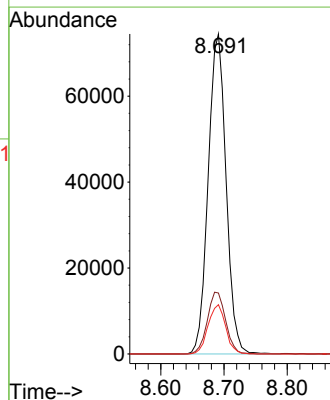
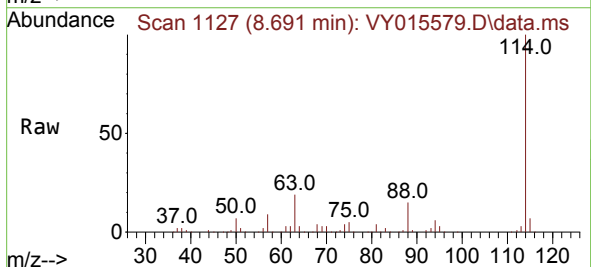
Tgt Ion: 114 Resp: 146698

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.4 0.0 30.6

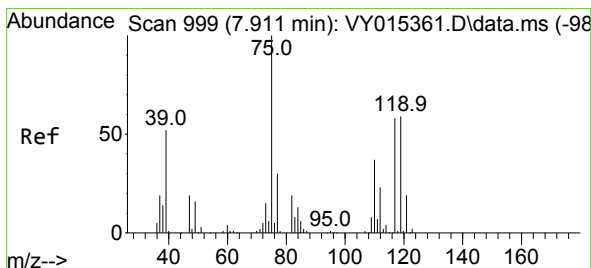
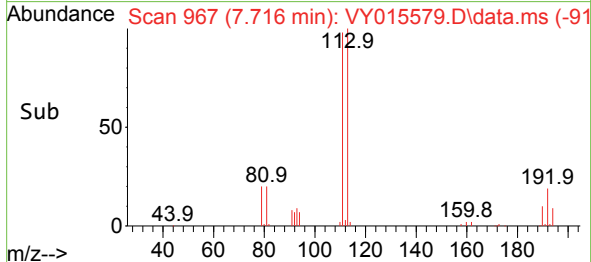
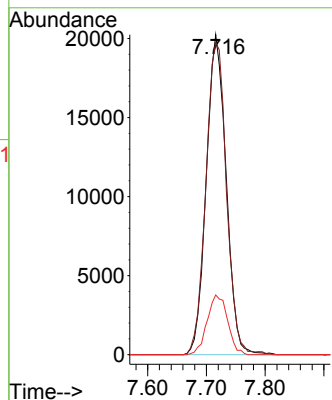
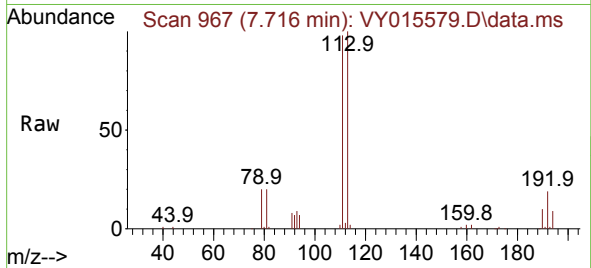




#35
Dibromofluoromethane
Concen: 56.310 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

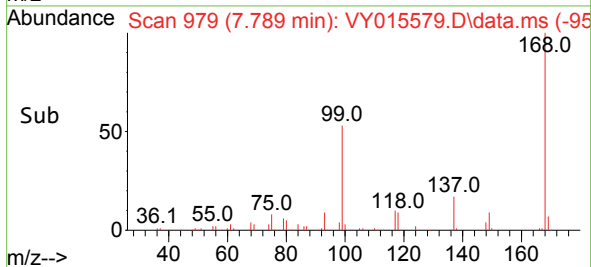
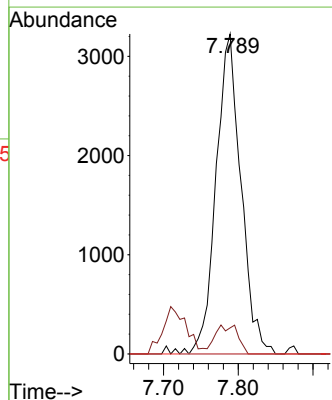
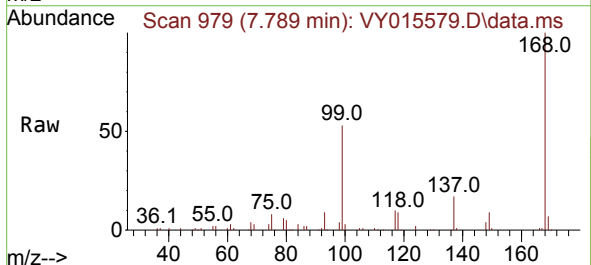
Instrument :
MSVOA_Y
ClientSampleId :

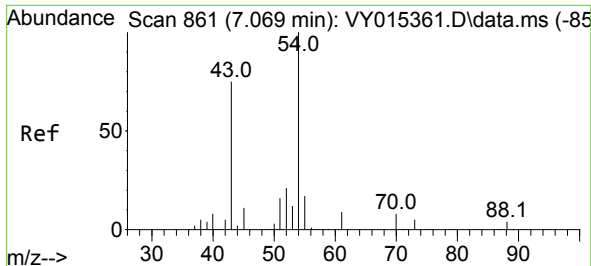
Tgt Ion:113 Resp: 47579
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.036 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

Tgt Ion: 75 Resp: 7471
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.5#
77 0.0 24.4 36.6#

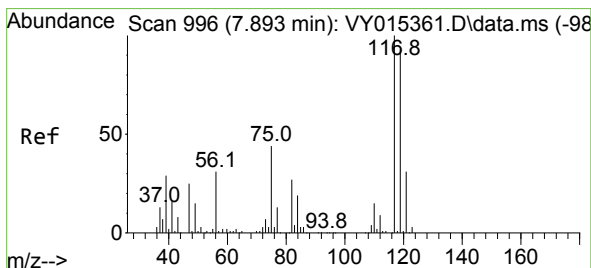
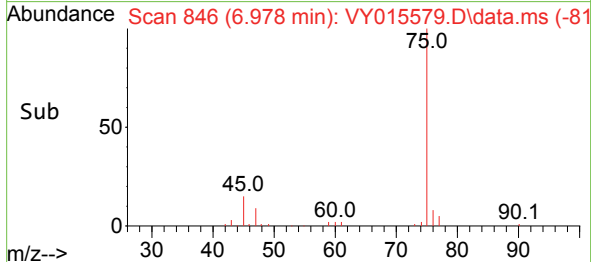
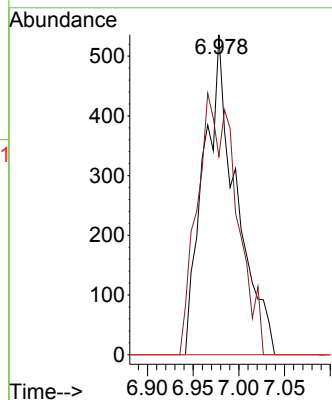
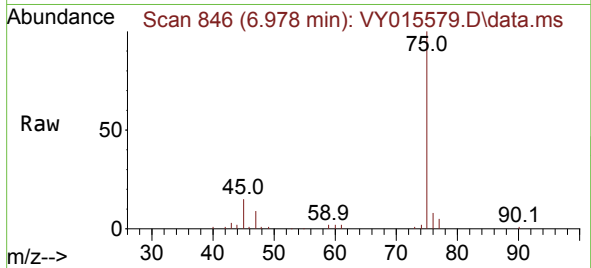




#37
Ethyl Acetate
Concen: 1.160 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.085 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

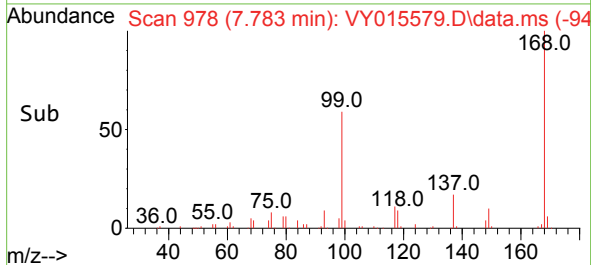
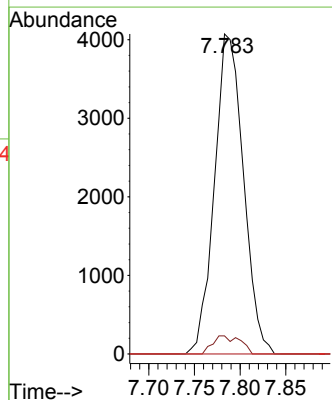
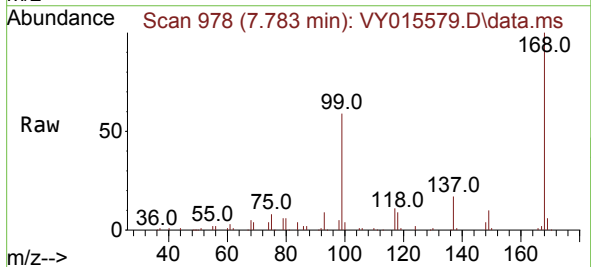
Instrument :
MSVOA_Y
ClientSampleId :

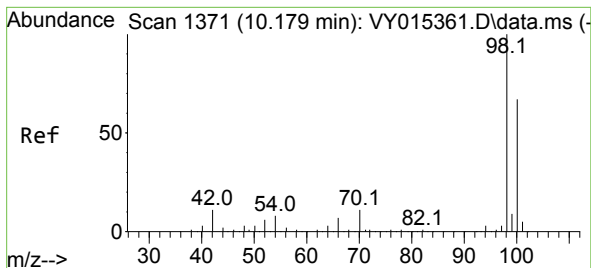
Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
61 98.0 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.861 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015579.D
Acq: 15 Sep 2023 19:00

Tgt Ion: 117 Resp: 8981
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 55.899 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015579.D

Acq: 15 Sep 2023 19:00

Instrument :

MSVOA_Y

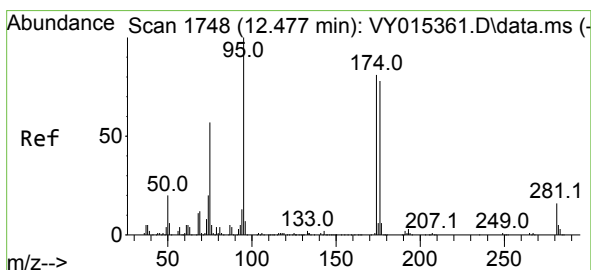
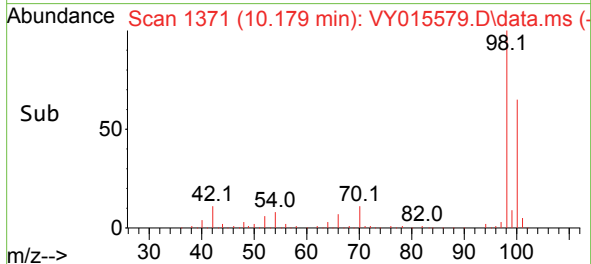
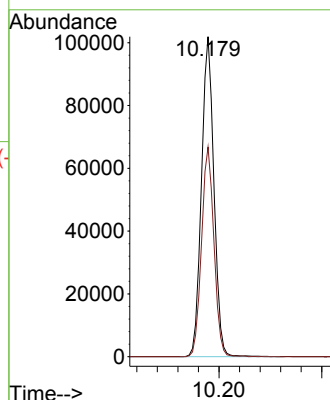
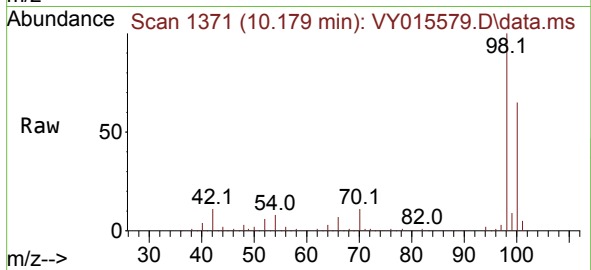
ClientSampleId :

Tgt Ion: 98 Resp: 171044

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 47.045 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015579.D

Acq: 15 Sep 2023 19:00

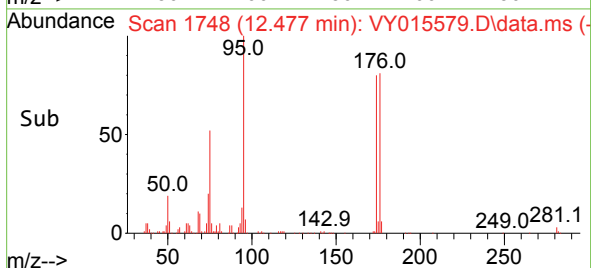
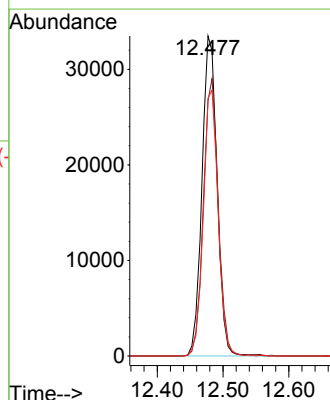
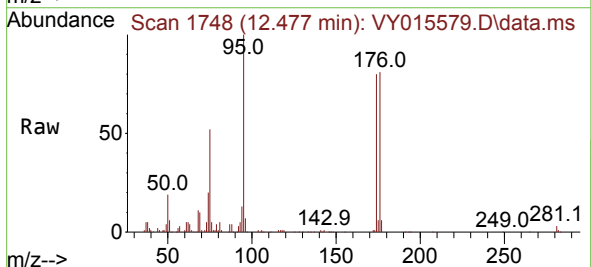
Tgt Ion: 95 Resp: 53440

Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

176 81.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

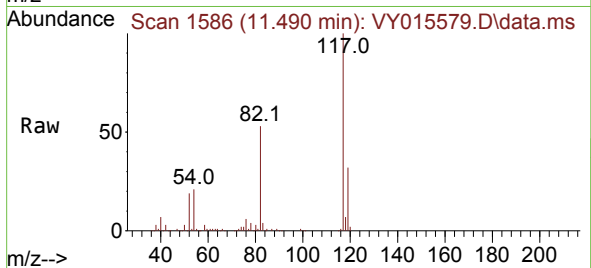
Lab File: VY015579.D

Acq: 15 Sep 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :



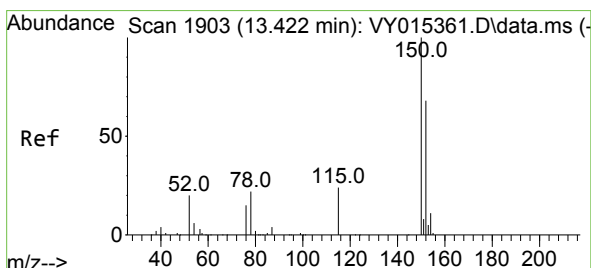
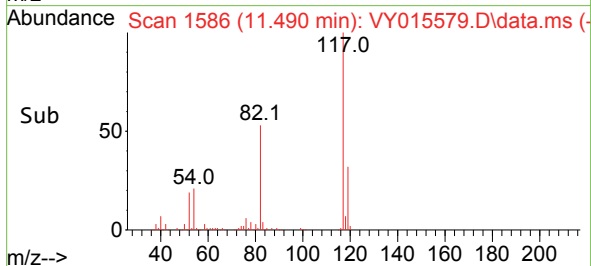
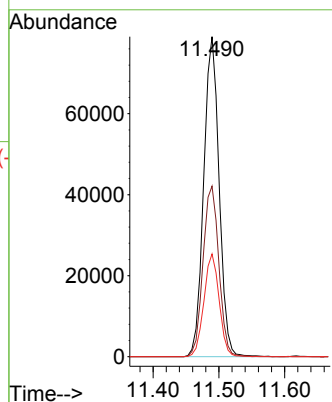
Tgt Ion:117 Resp: 128734

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 32.1 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: VY015579.D

Acq: 15 Sep 2023 19:00

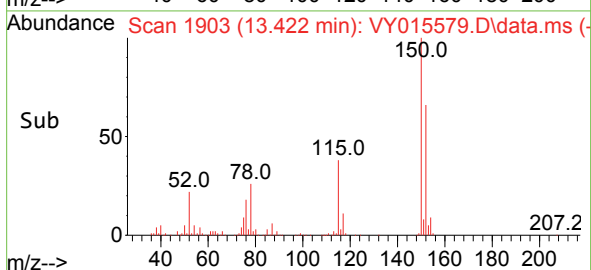
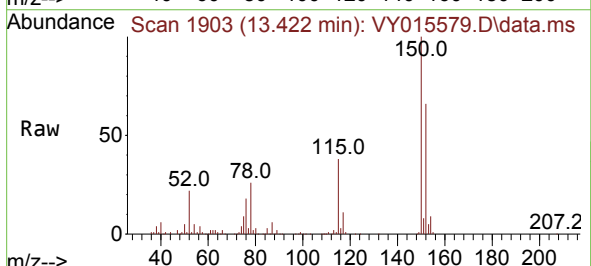
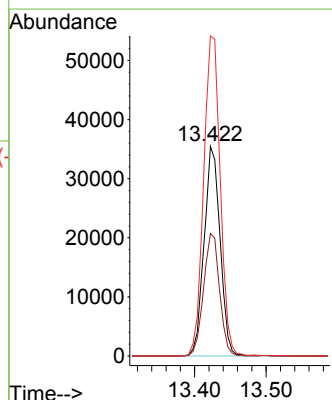
Tgt Ion:152 Resp: 55099

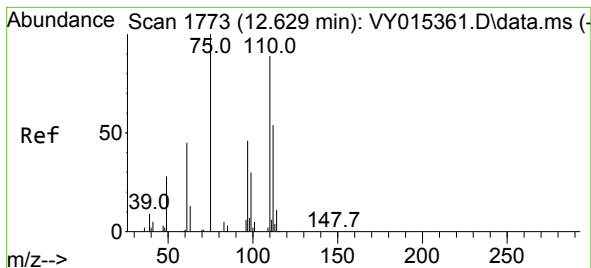
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 158.5 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 38.031 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015579.D

Acq: 15 Sep 2023 19:00

Instrument :

MSVOA_Y

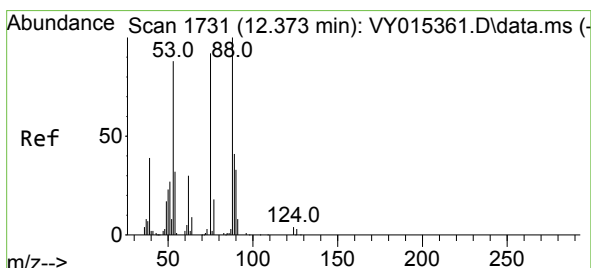
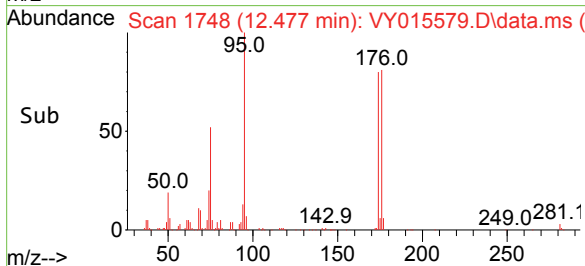
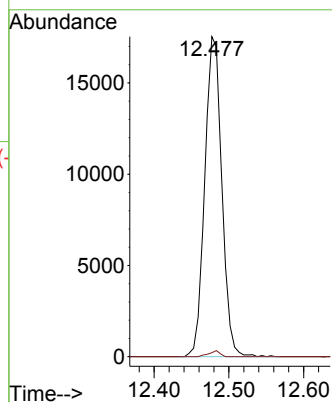
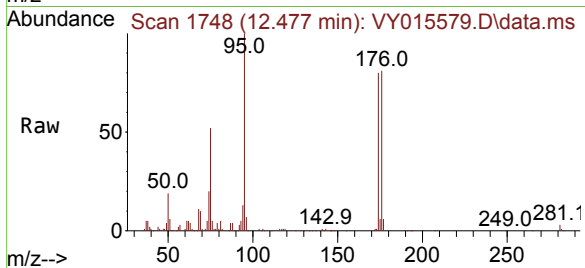
ClientSampleId :

Tgt Ion: 75 Resp: 27788

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.892 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY015579.D

Acq: 15 Sep 2023 19:00

Tgt Ion: 75 Resp: 27788

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

