

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015418.D
 Acq On : 01 Sep 2023 16:18
 Operator : SY/MD
 Sample : 04256-07
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-4-6

Quant Time: Sep 01 23:42:57 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)

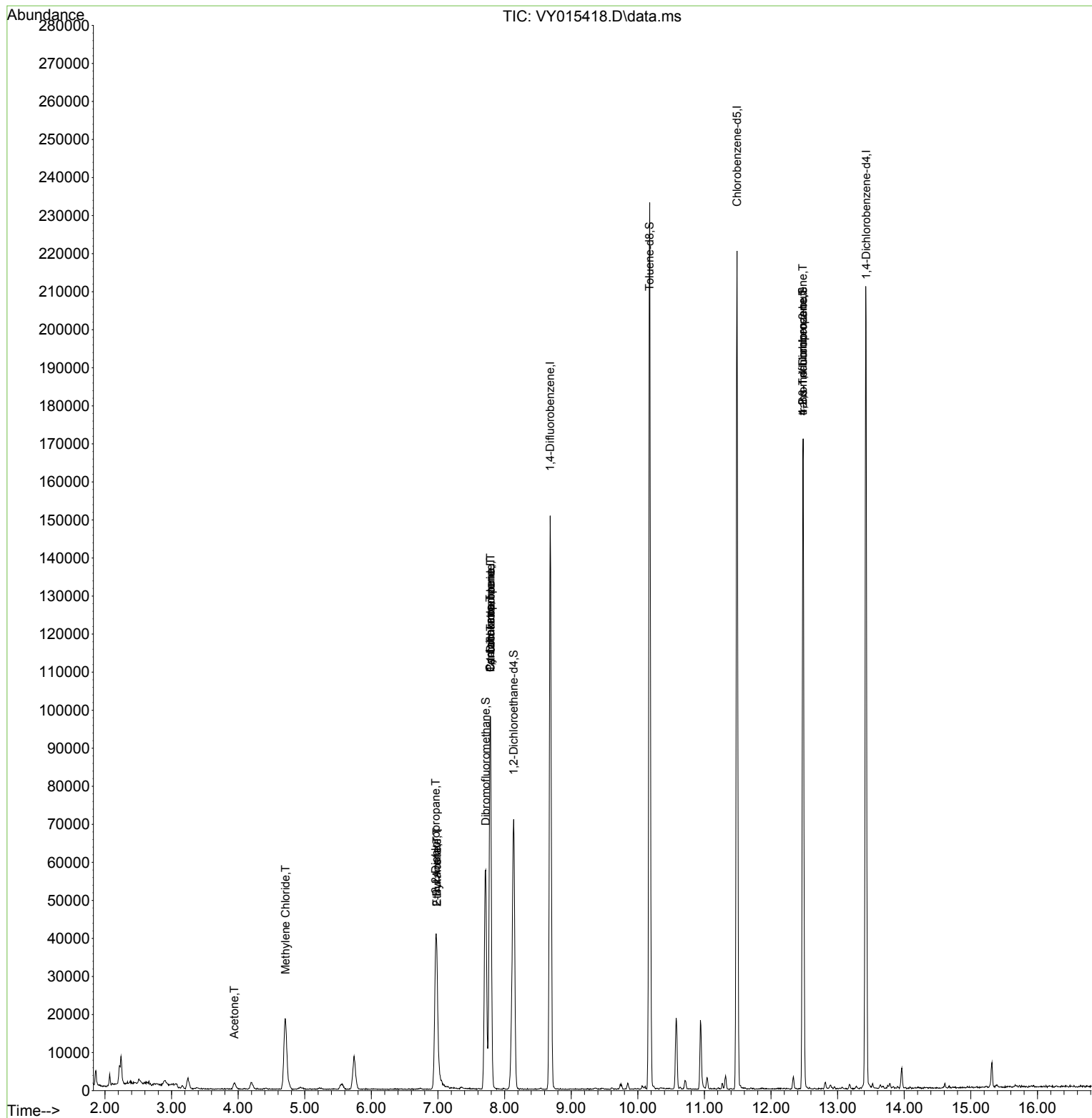
Internal Standards						
1) Pentafluorobenzene	7.789	168	77519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	127696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	115750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50826	61.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.320%	
35) Dibromofluoromethane	7.715	113	41237	56.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.140%	
50) Toluene-d8	10.178	98	149153	55.998	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.000%	
62) 4-Bromofluorobenzene	12.477	95	48088	48.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	850	Below Cal	#	89
16) Acetone	3.942	43	3051	8.796	ug/l	91
20) Methylene Chloride	4.710	84	13857	7.002	ug/l	95
25) 2-Butanone	6.984	43	2907	5.909	ug/l #	71
26) 2,2-Dichloropropane	6.966	77	3197	2.427	ug/l #	54
31) Cyclohexane	7.782	56	1744	1.181	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	6327	4.899	ug/l #	52
37) Ethyl Acetate	6.984	43	2907	2.919	ug/l #	10
38) Carbon Tetrachloride	7.789	117	8047	6.033	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	26589	36.836	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26589	81.257	ug/l #	10

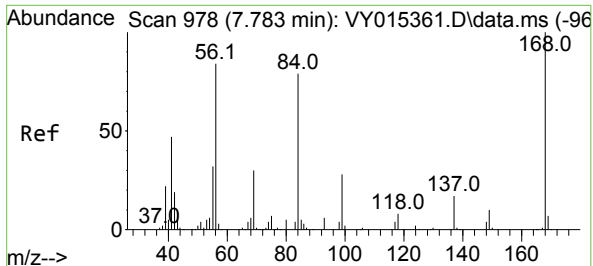
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
Data File : VY015418.D
Acq On : 01 Sep 2023 16:18
Operator : SY/MD
Sample : 04256-07
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-4-6

Quant Time: Sep 01 23:42:57 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

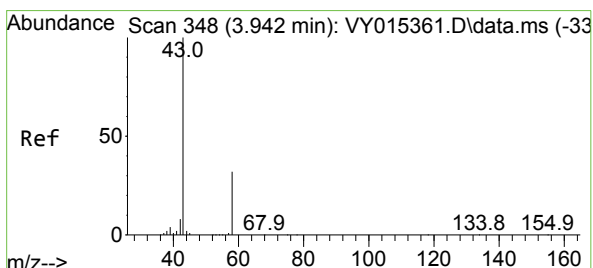
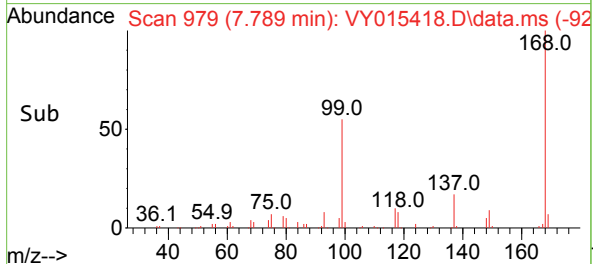
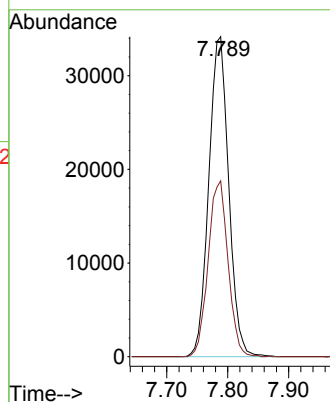
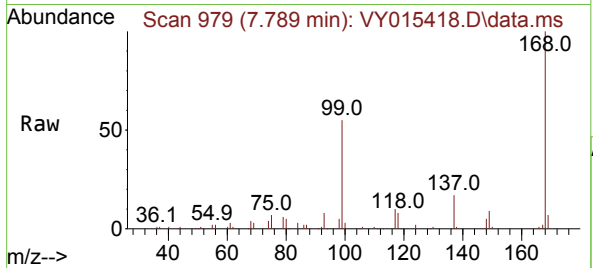




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

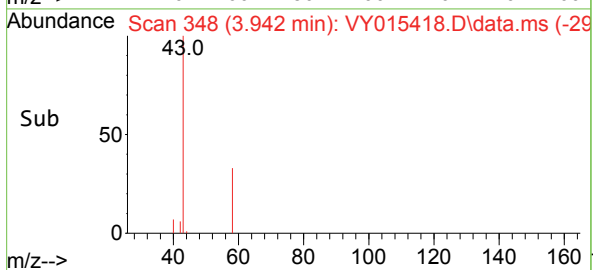
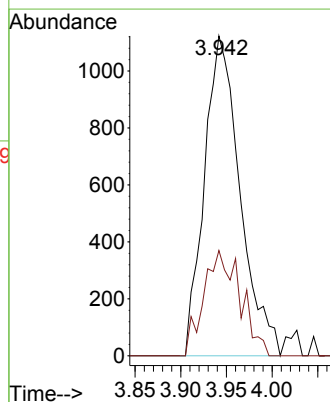
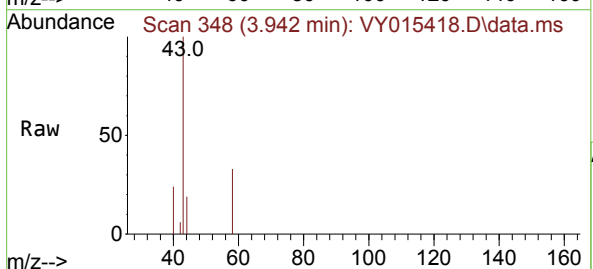
Instrument :
MSVOA_Y
ClientSampleId :
MW-4-6

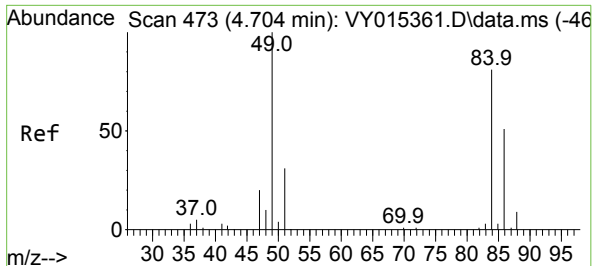
Tgt Ion:168 Resp: 77519
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#16
Acetone
Concen: 8.796 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

Tgt Ion: 43 Resp: 3051
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1





#20

Methylene Chloride

Concen: 7.002 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

MW-4-6

Tgt Ion: 84 Resp: 13857

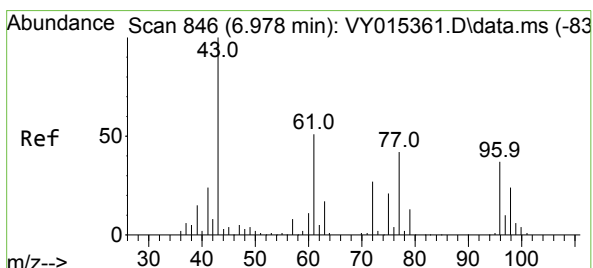
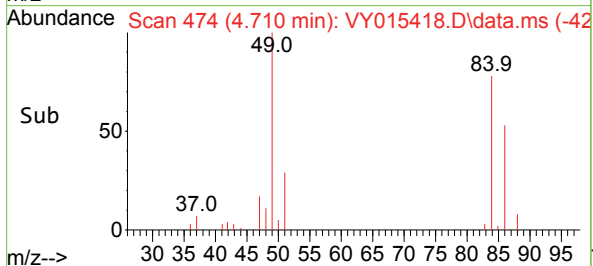
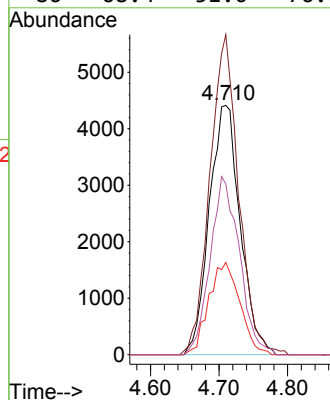
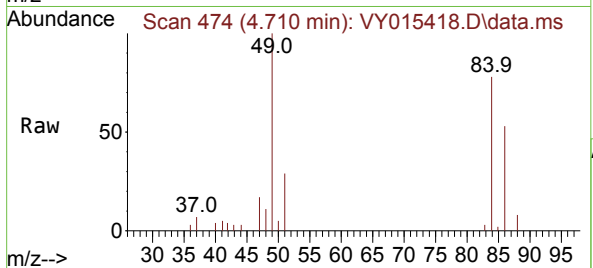
Ion Ratio Lower Upper

84 100

49 128.3 106.9 160.3

51 37.0 33.2 49.8

86 68.4 51.0 76.6



#25

2-Butanone

Concen: 5.909 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015418.D

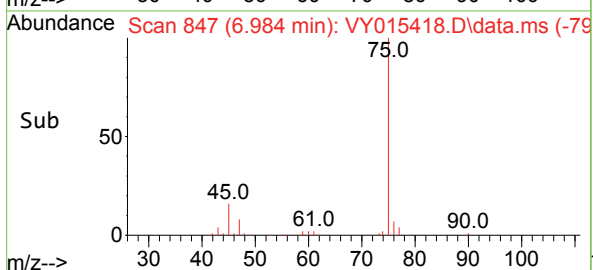
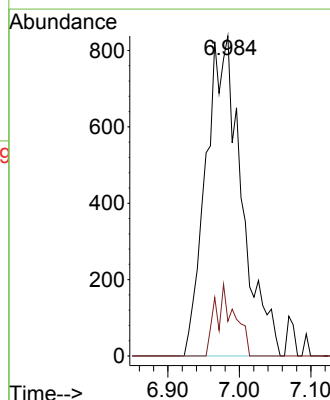
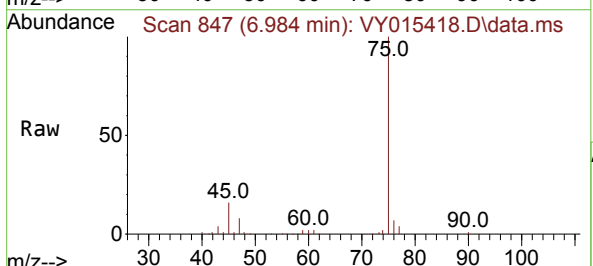
Acq: 01 Sep 2023 16:18

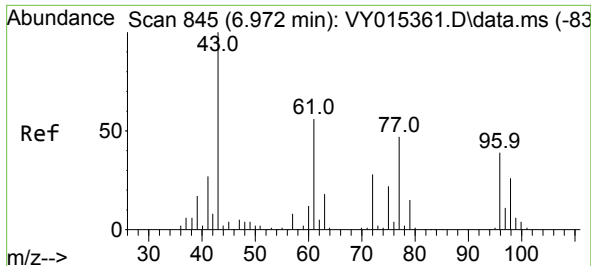
Tgt Ion: 43 Resp: 2907

Ion Ratio Lower Upper

43 100

72 10.9 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 2.427 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

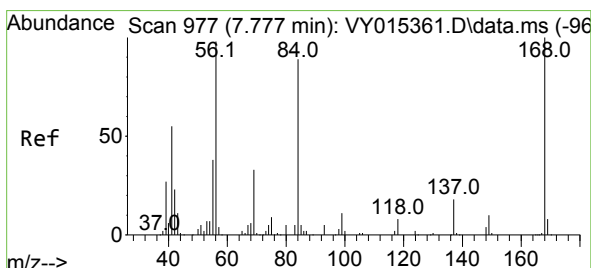
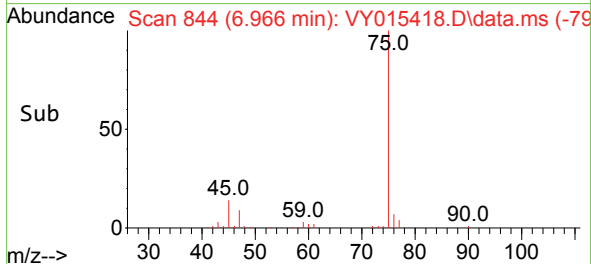
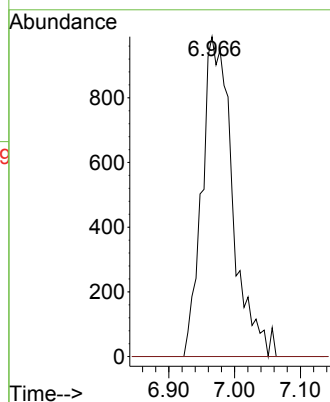
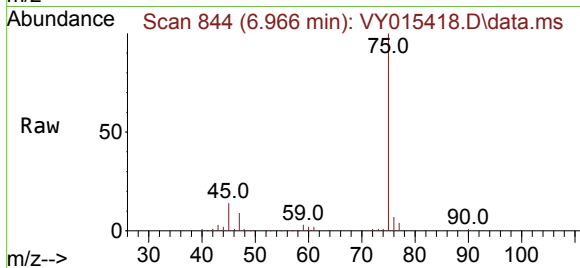
MW-4-6

Tgt Ion: 77 Resp: 3197

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.181 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

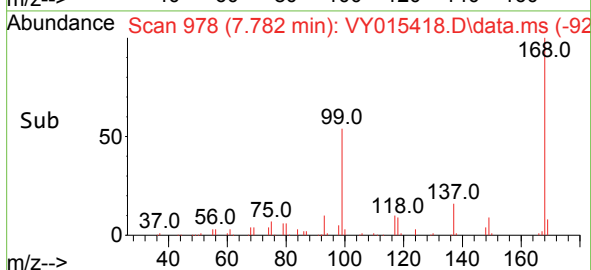
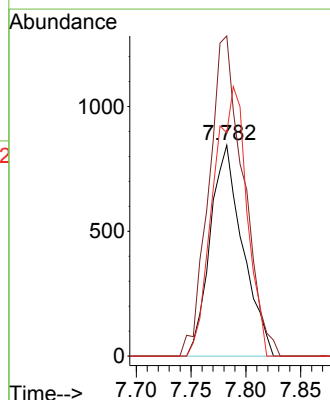
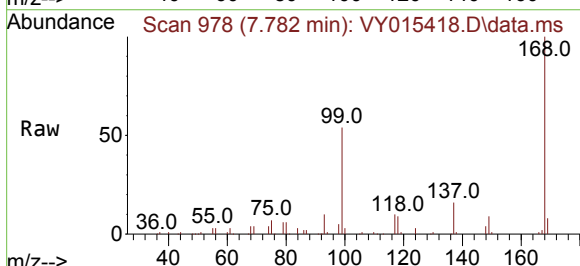
Tgt Ion: 56 Resp: 1744

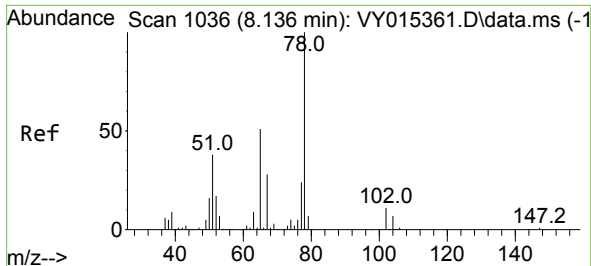
Ion Ratio Lower Upper

56 100

69 151.8 27.8 41.6#

84 105.9 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 61.163 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

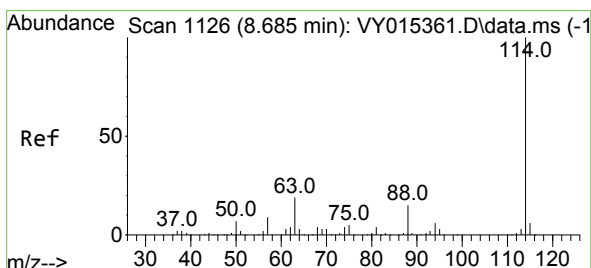
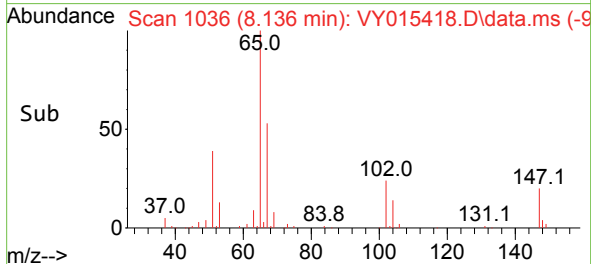
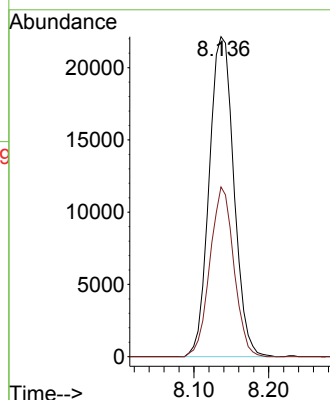
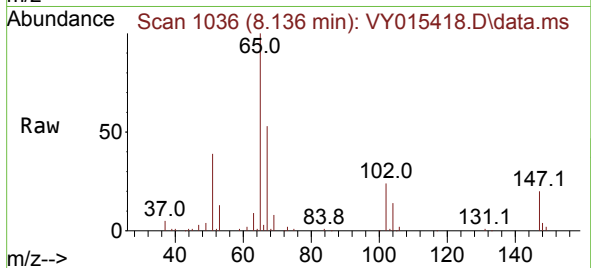
MW-4-6

Tgt Ion: 65 Resp: 50826

Ion Ratio Lower Upper

65 100

67 51.4 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: VY015418.D

Acq: 01 Sep 2023 16:18

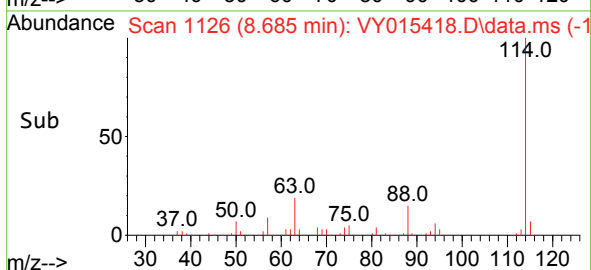
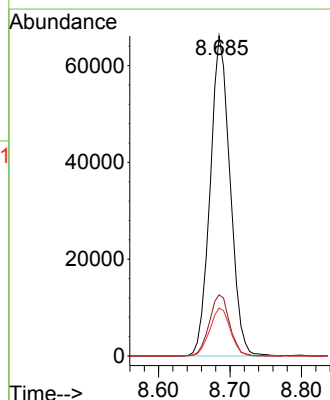
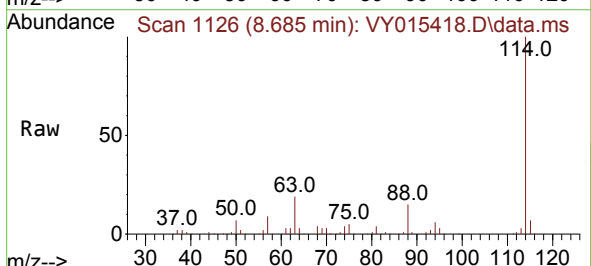
Tgt Ion: 114 Resp: 127696

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.0 0.0 30.6

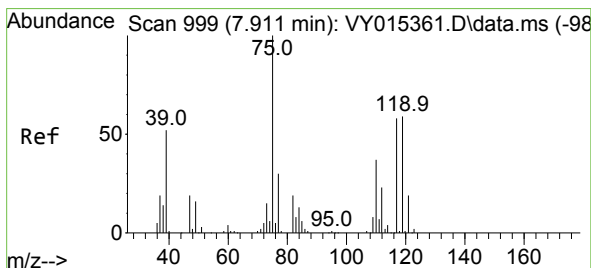
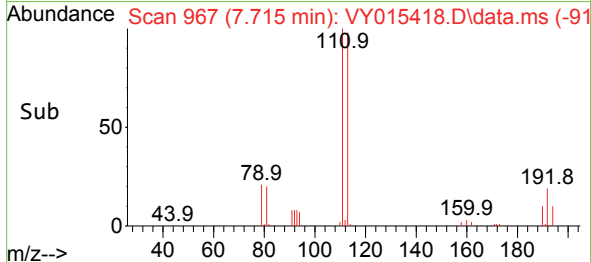
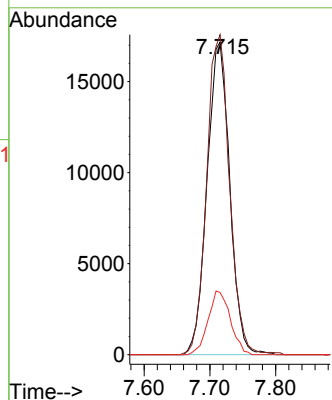
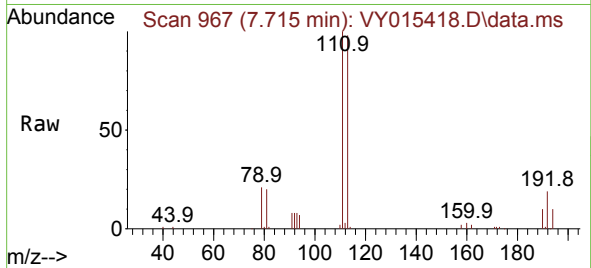




#35
Dibromofluoromethane
Concen: 56.066 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

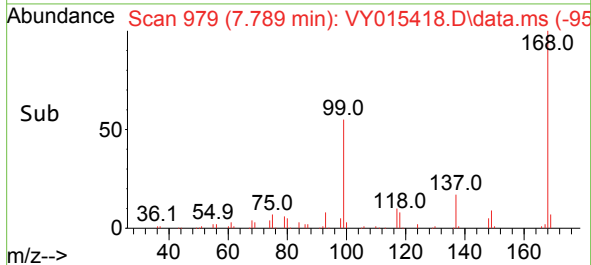
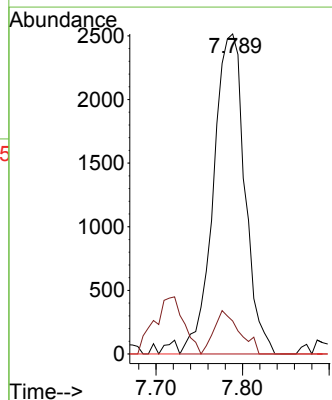
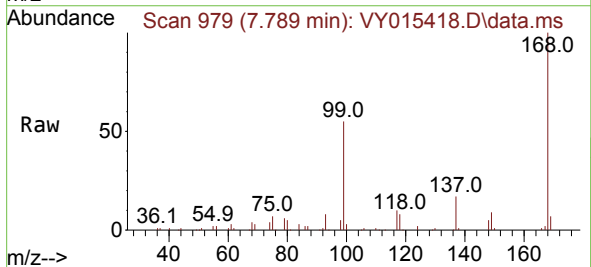
Instrument :
MSVOA_Y
ClientSampleId :
MW-4-6

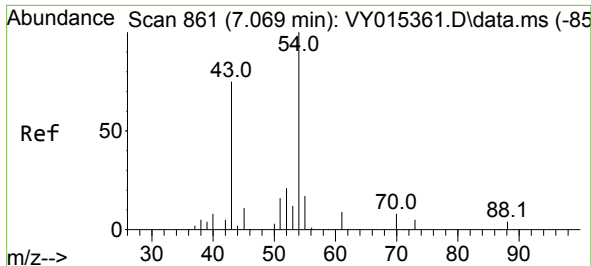
Tgt Ion:113 Resp: 41237
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

Tgt Ion: 75 Resp: 6327
Ion Ratio Lower Upper
75 100
110 11.0 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.919 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.080 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

MW-4-6

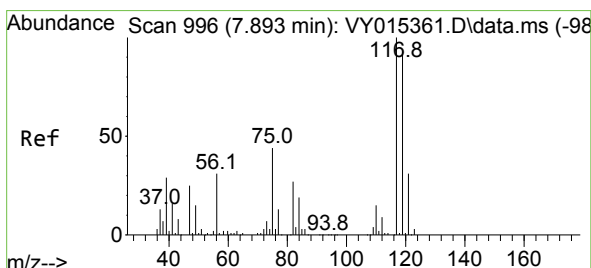
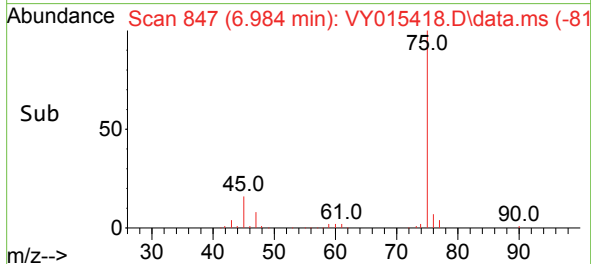
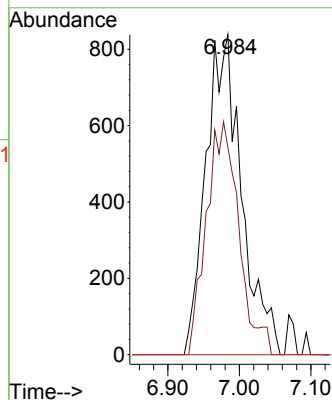
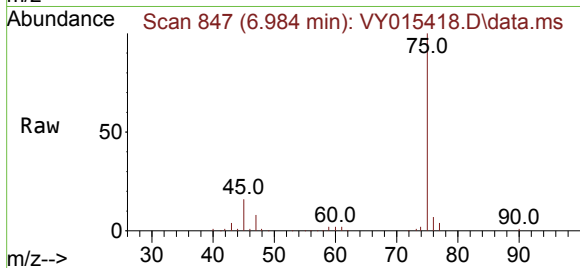
Tgt Ion: 43 Resp: 2907

Ion Ratio Lower Upper

43 100

61 66.1 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.033 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

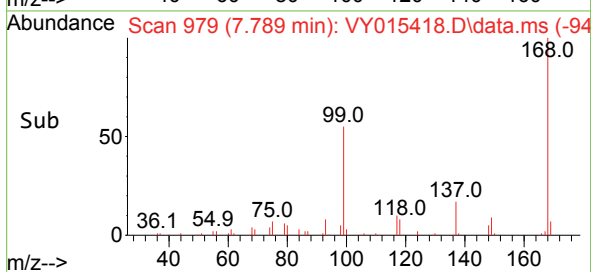
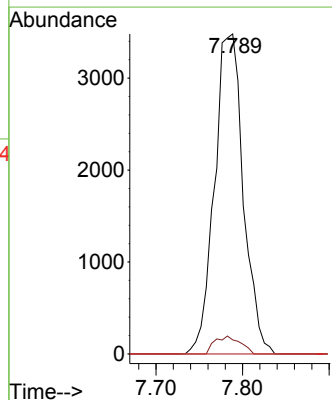
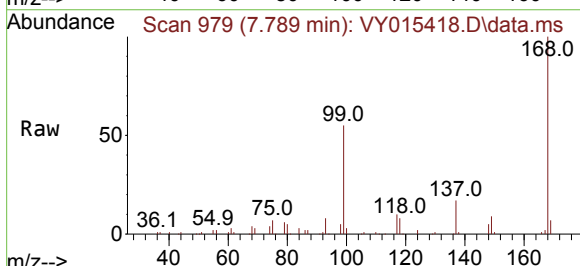
Tgt Ion: 117 Resp: 8047

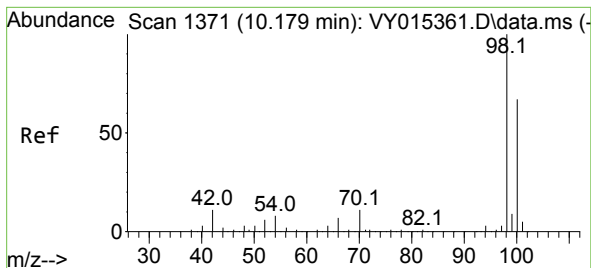
Ion Ratio Lower Upper

117 100

119 4.4 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 55.998 ug/l

RT: 10.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

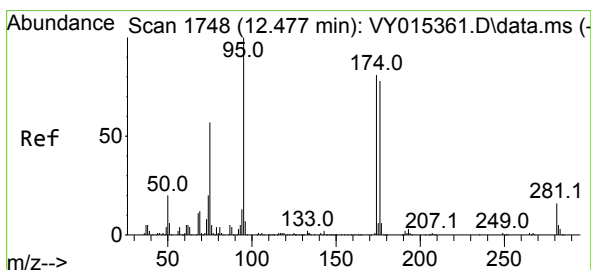
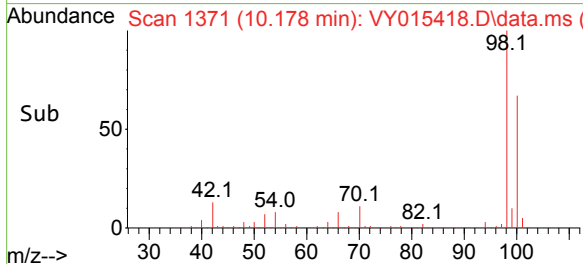
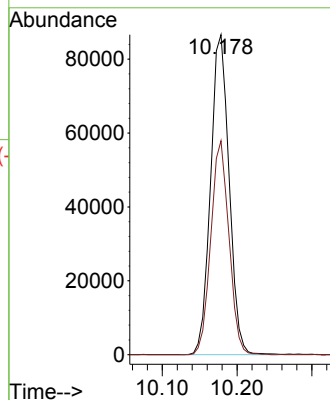
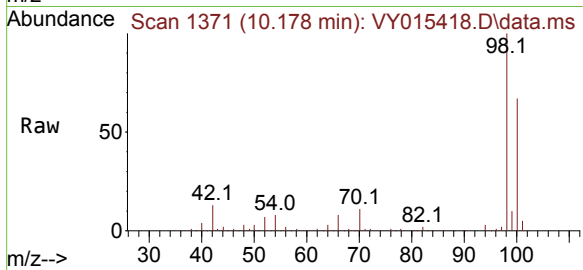
MW-4-6

Tgt Ion: 98 Resp: 149153

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.633 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

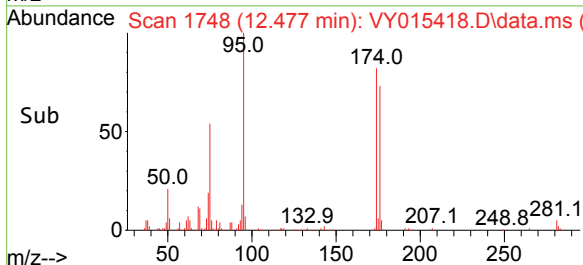
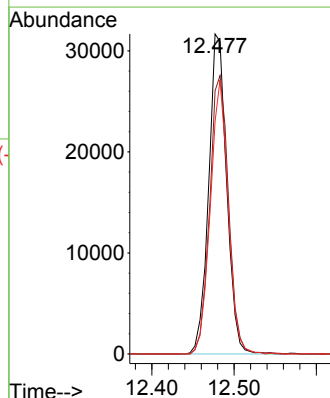
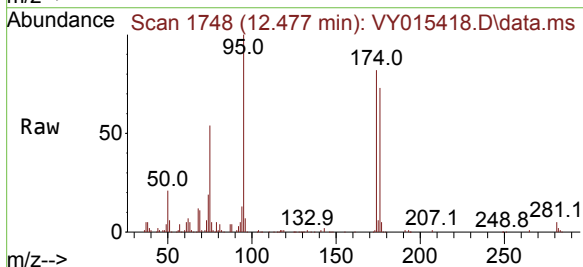
Tgt Ion: 95 Resp: 48088

Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.2

176 85.3 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: VY015418.D

Acq: 01 Sep 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

MW-4-6

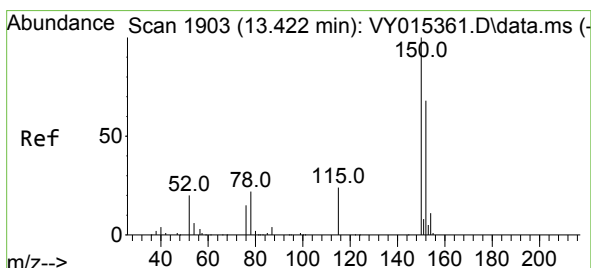
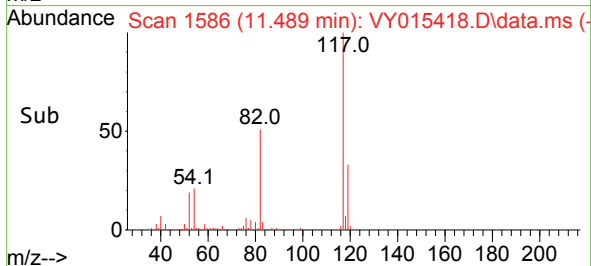
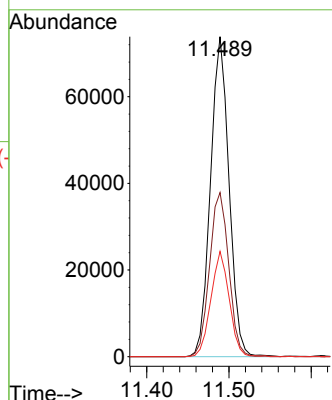
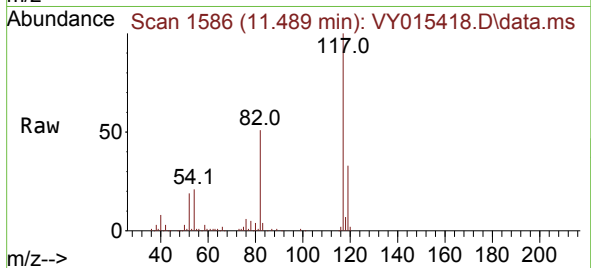
Tgt Ion:117 Resp: 115750

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.0

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

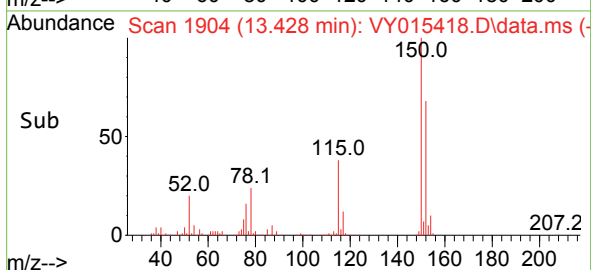
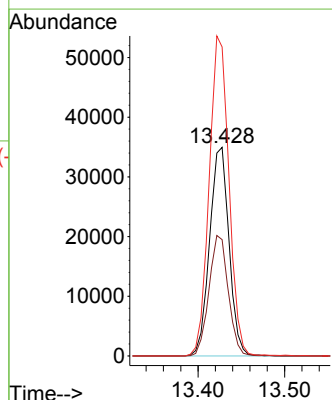
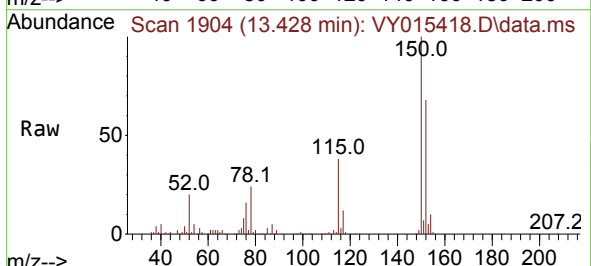
Tgt Ion:152 Resp: 54431

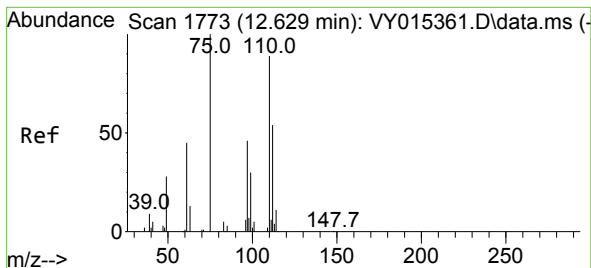
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.0 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 36.836 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

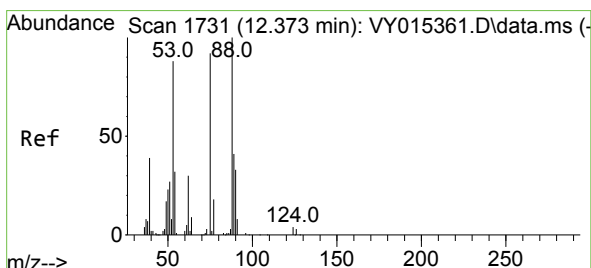
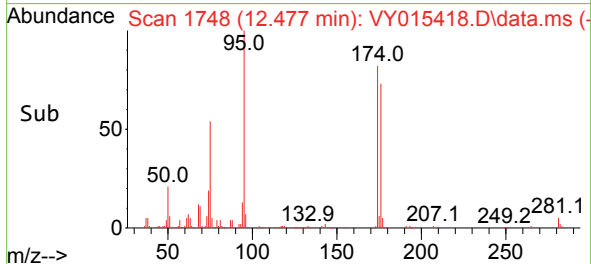
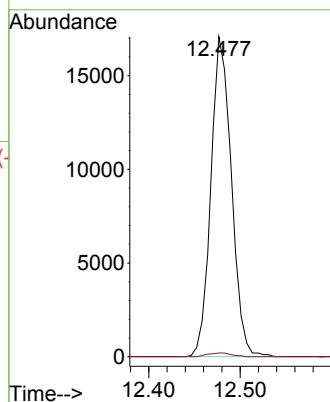
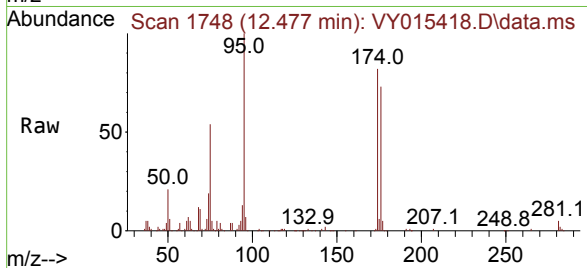
MW-4-6

Tgt Ion: 75 Resp: 26589

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.257 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

Tgt Ion: 75 Resp: 26589

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

