

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015780.D
 Acq On : 02 Oct 2023 16:30
 Operator : SY/MD
 Sample : 04691-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:23:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

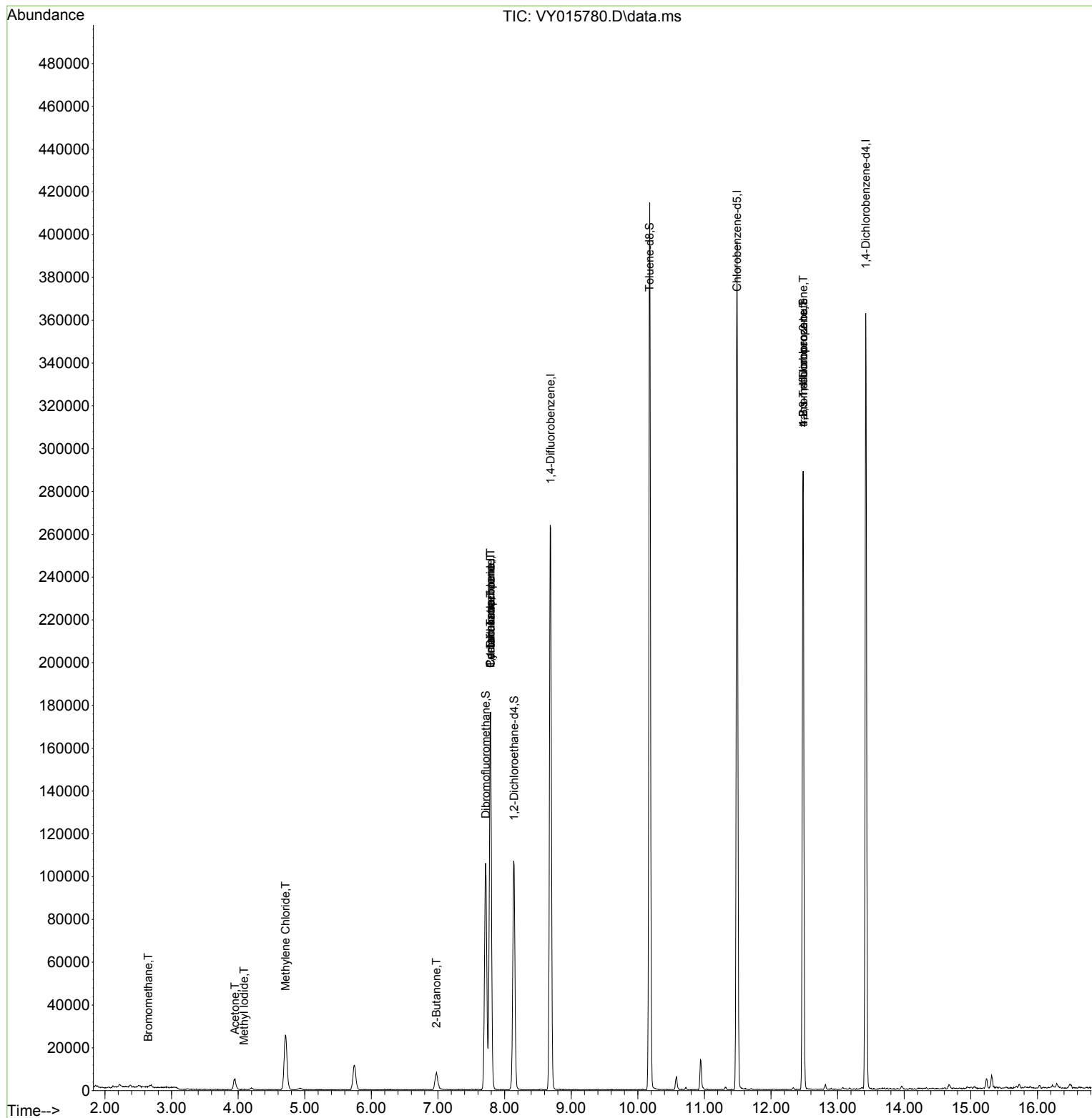
Internal Standards						
1) Pentafluorobenzene	7.789	168	134609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82946	56.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.000%	
35) Dibromofluoromethane	7.716	113	75902	54.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.179	98	275051	57.980	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.960%	
62) 4-Bromofluorobenzene	12.483	95	89684	48.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.340%	
Target Compounds						
						Qvalue
5) Bromomethane	2.650	94	123	2.649	ug/l	82
10) Methyl Iodide	4.088	142	109	2.794	ug/l #	38
11) Tert butyl alcohol	4.936	59	878	Below Cal	#	89
16) Acetone	3.954	43	8801	11.104	ug/l	97
20) Methylene Chloride	4.710	84	19673	7.190	ug/l	91
25) 2-Butanone	6.978	43	1365	1.218	ug/l	96
31) Cyclohexane	7.789	56	2747	1.339	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10446	5.050	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13458	5.993	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47871	31.878	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47871	71.786	ug/l #	11

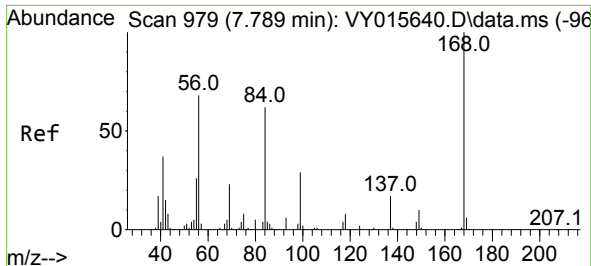
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 20 01:39:40 2023
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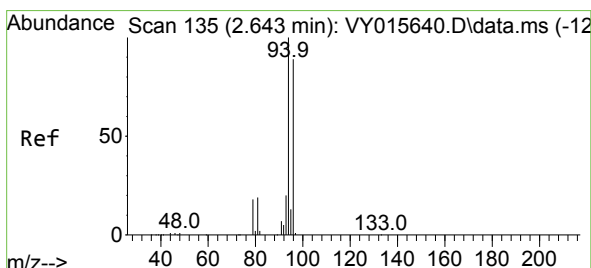
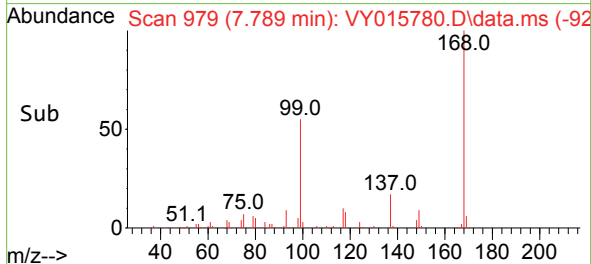
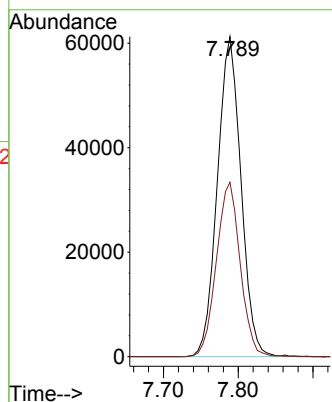
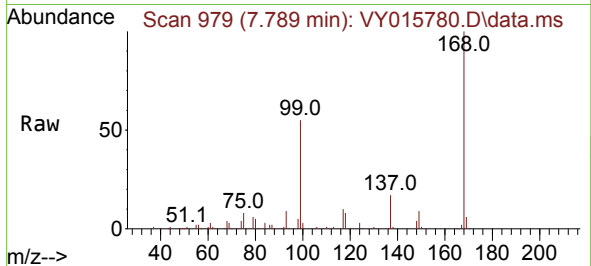




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

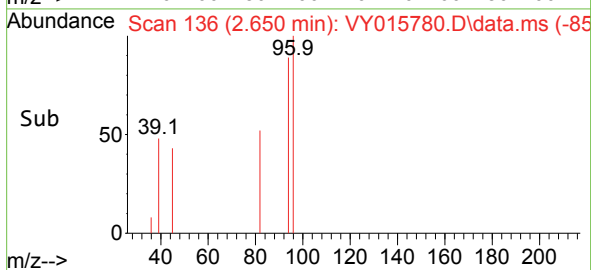
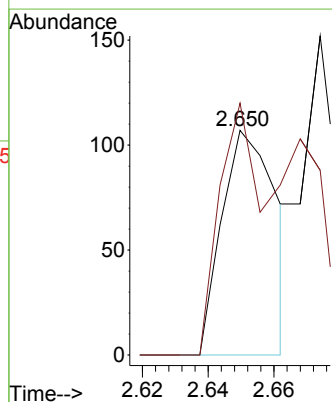
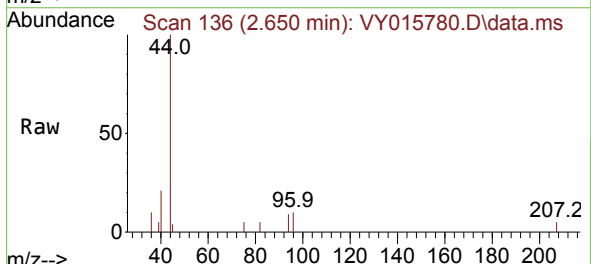
Instrument :
MSVOA_Y
ClientSampleId :

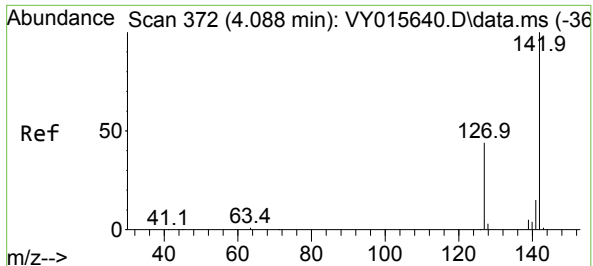
Tgt Ion:168 Resp: 134609
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#5
Bromomethane
Concen: 2.649 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

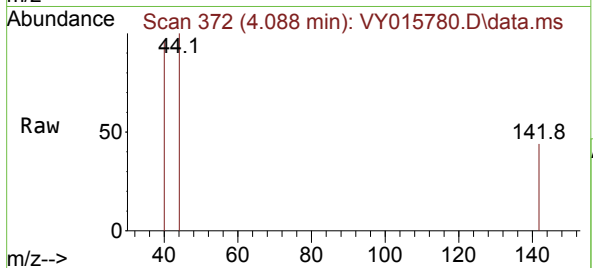
Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 112.1 75.8 113.6



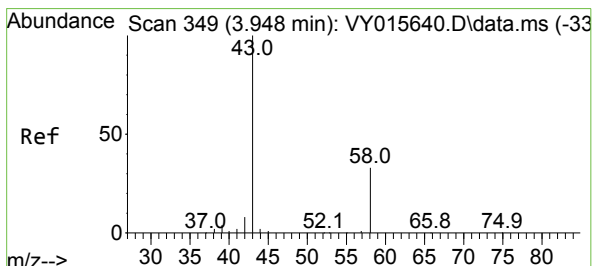
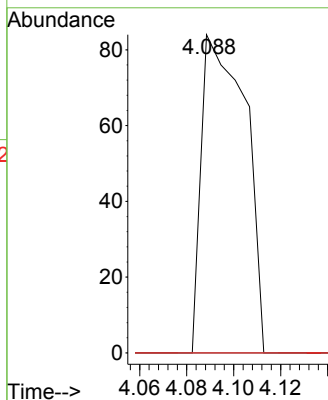
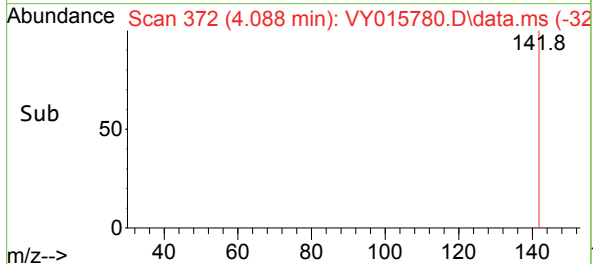


#10
Methyl Iodide
Concen: 2.794 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :

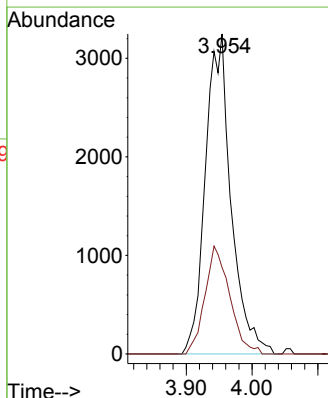
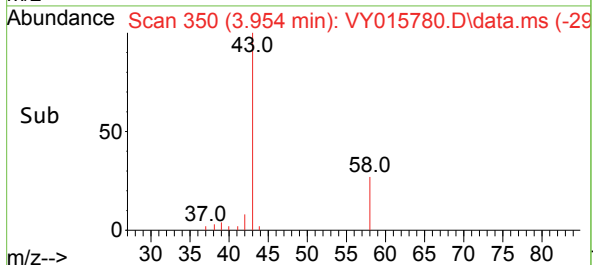
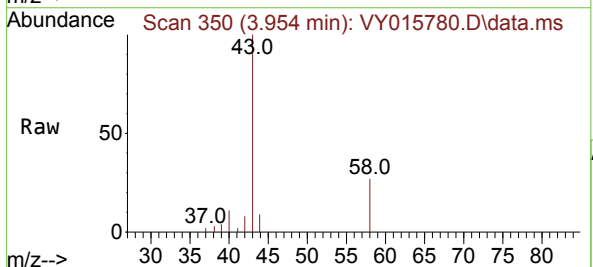


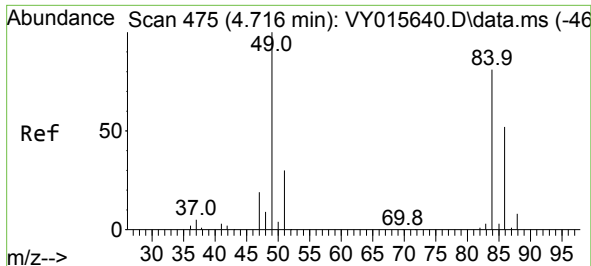
Tgt Ion:142 Resp: 109
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 11.104 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

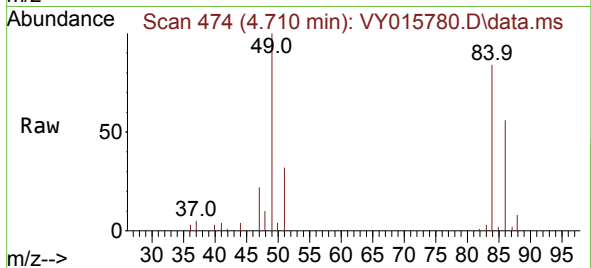
Tgt Ion: 43 Resp: 8801
Ion Ratio Lower Upper
43 100
58 27.1 22.7 34.1



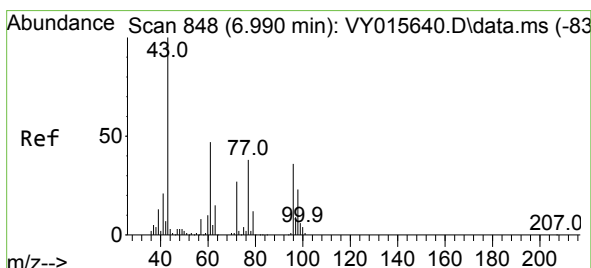
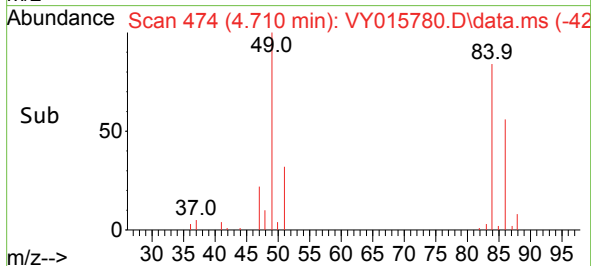
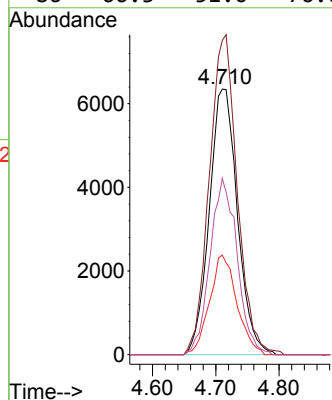


#20
Methylene Chloride
Concen: 7.190 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :

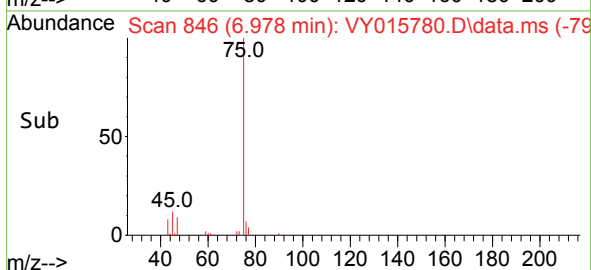
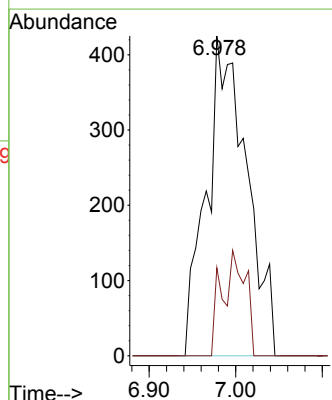
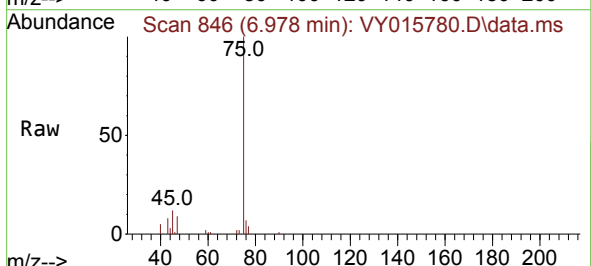


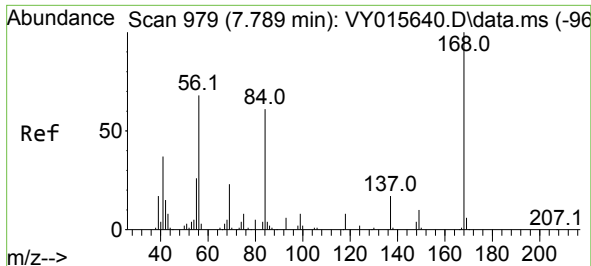
Tgt Ion:	84	Resp:	19673
Ion	Ratio	Lower	Upper
84	100		
49	118.4	106.9	160.3
51	37.5	33.2	49.8
86	66.3	51.0	76.6



#25
2-Butanone
Concen: 1.218 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

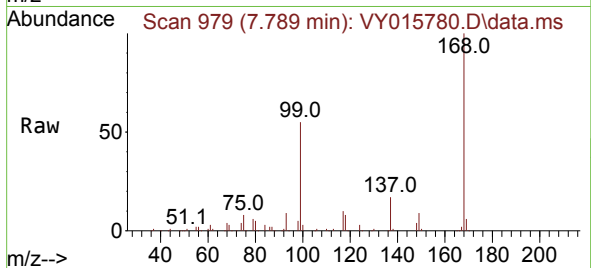
Tgt Ion:	43	Resp:	1365
Ion	Ratio	Lower	Upper
43	100		
72	27.5	20.5	30.7



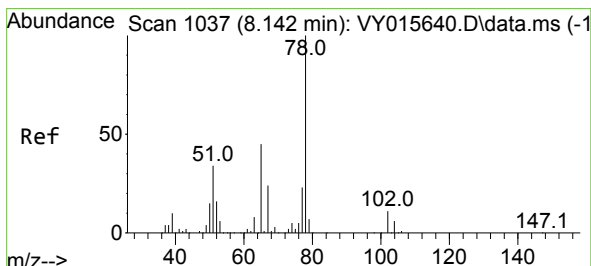
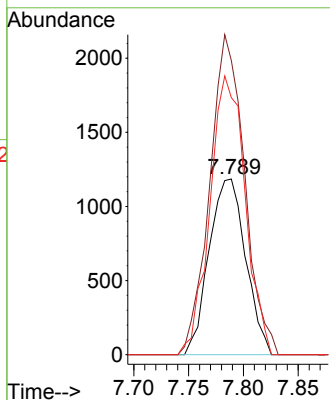
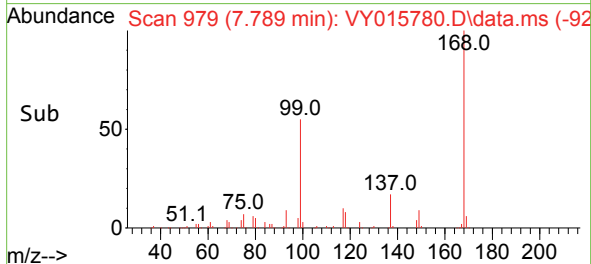


#31
Cyclohexane
Concen: 1.339 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :

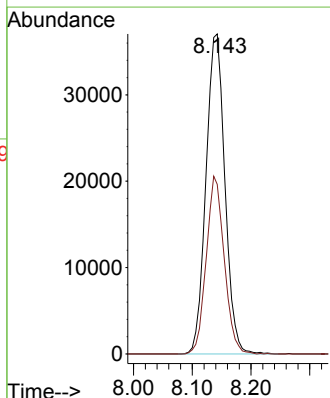
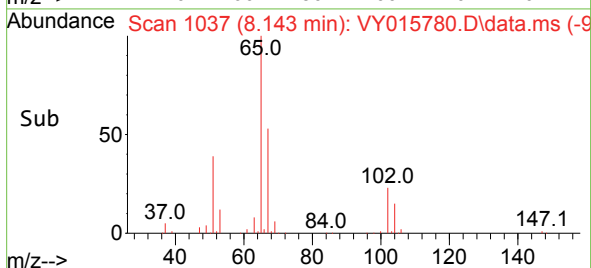
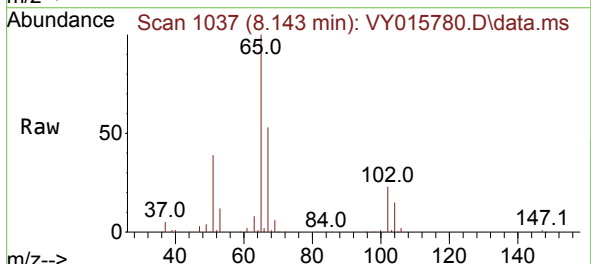


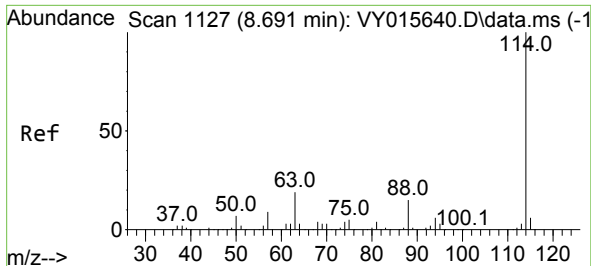
Tgt Ion: 56 Resp: 2747
Ion Ratio Lower Upper
56 100
69 167.5 27.8 41.6#
84 146.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.004 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

Tgt Ion: 65 Resp: 82946
Ion Ratio Lower Upper
65 100
67 52.9 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: VY015780.D

Acq: 02 Oct 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

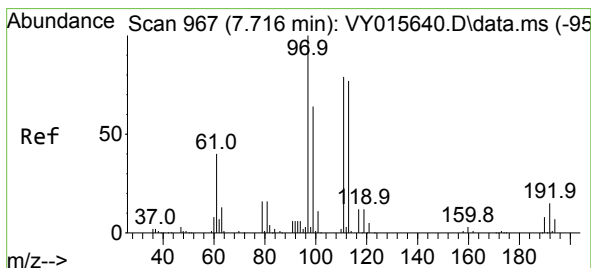
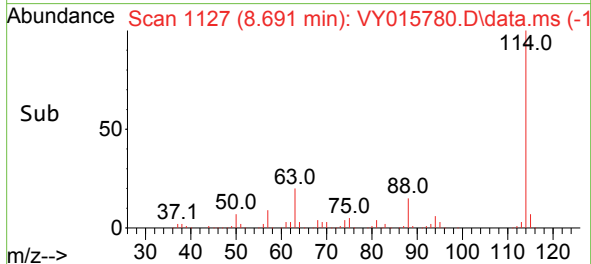
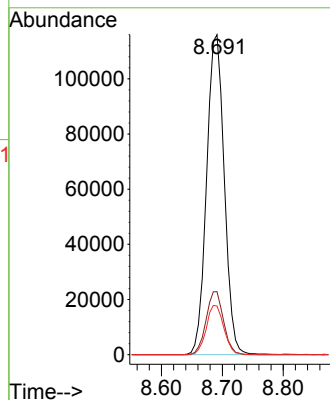
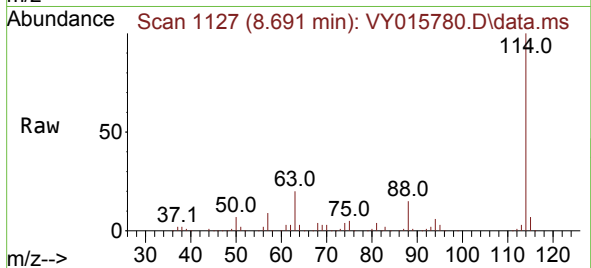
Tgt Ion:114 Resp: 233758

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.250 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015780.D

Acq: 02 Oct 2023 16:30

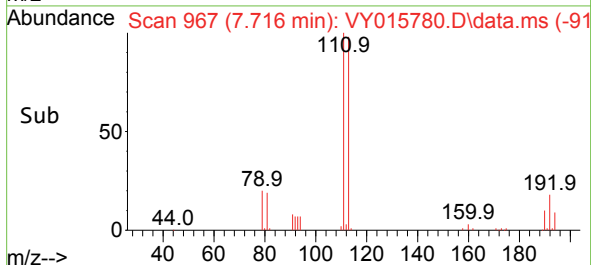
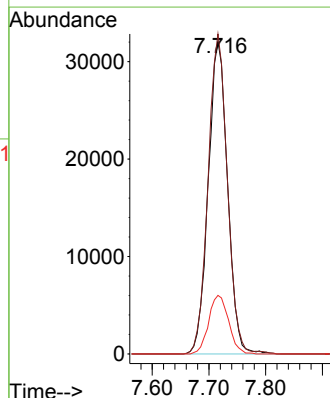
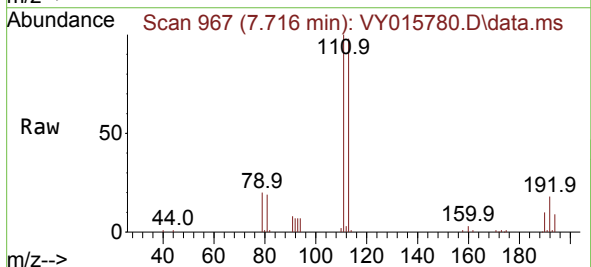
Tgt Ion:113 Resp: 75902

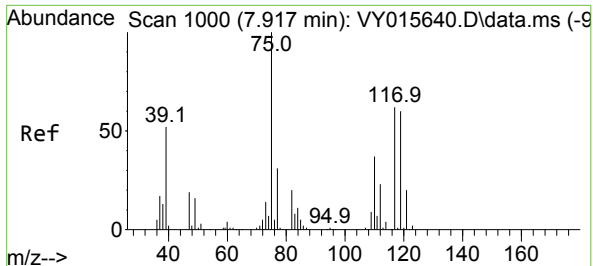
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.050 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

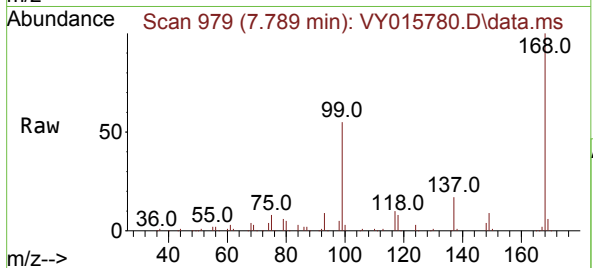
Lab File: VY015780.D

Acq: 02 Oct 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :



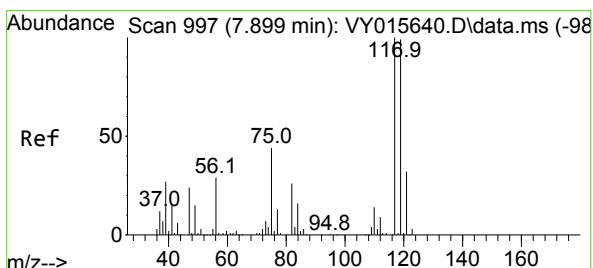
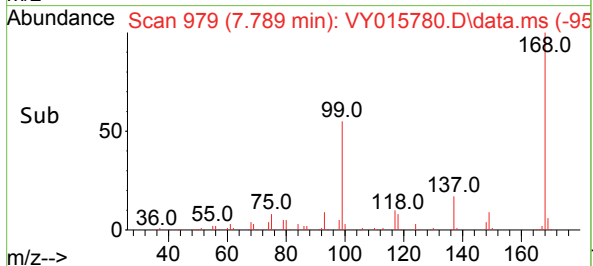
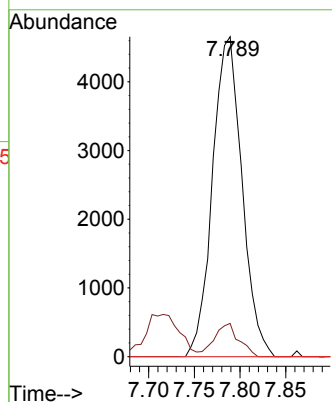
Tgt Ion: 75 Resp: 10446

Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.993 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY015780.D

Acq: 02 Oct 2023 16:30

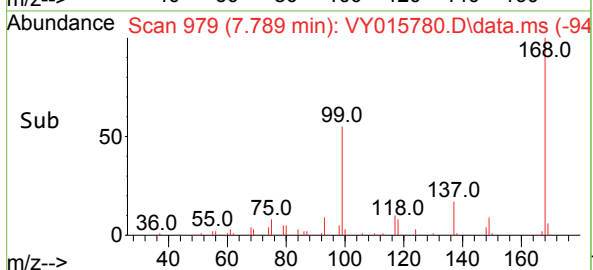
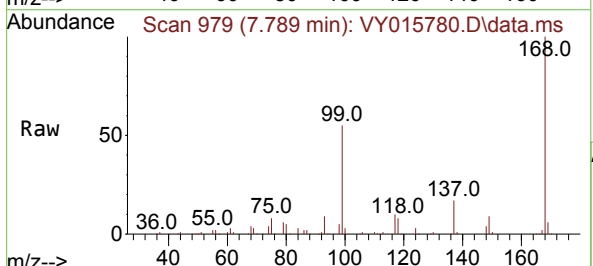
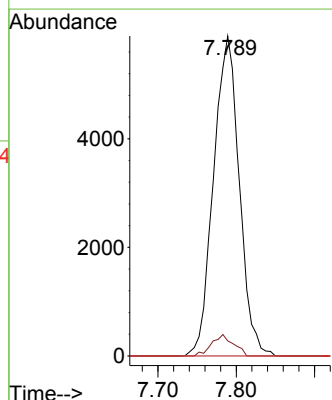
Tgt Ion: 117 Resp: 13458

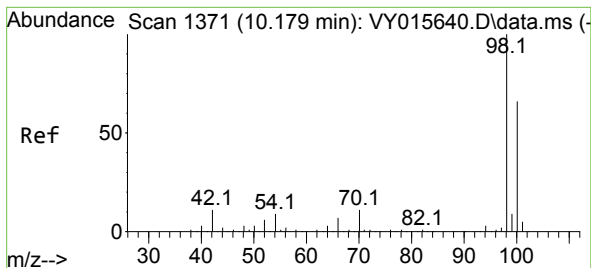
Ion Ratio Lower Upper

117 100

119 4.7 76.4 114.6#

121 0.0 25.8 38.6#

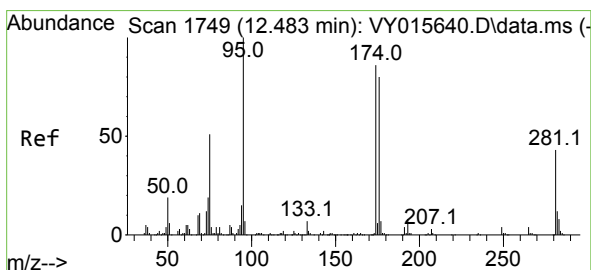
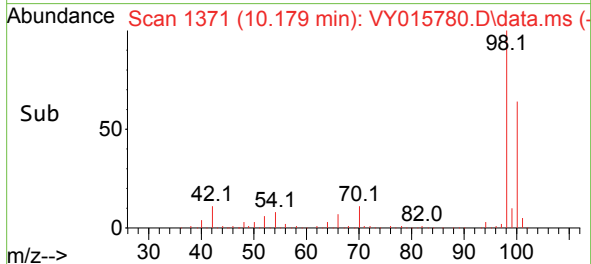
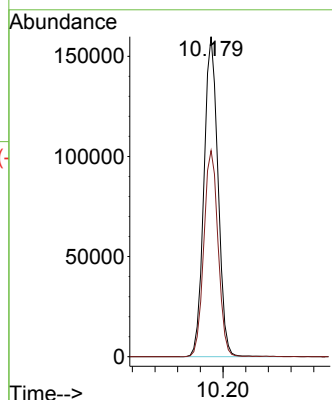
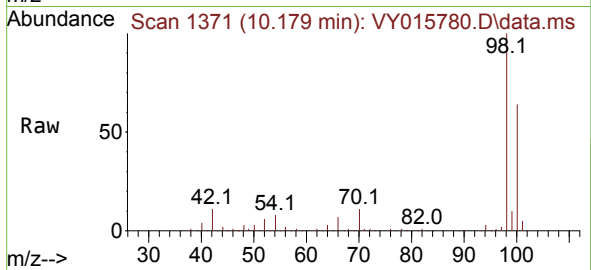




#50
Toluene-d8
Concen: 57.980 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

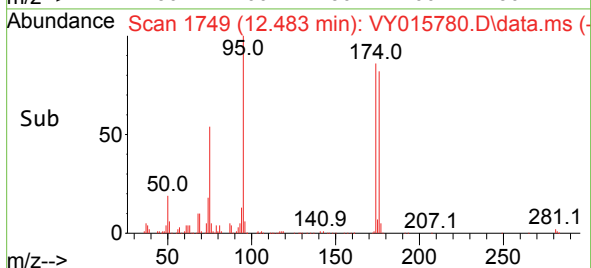
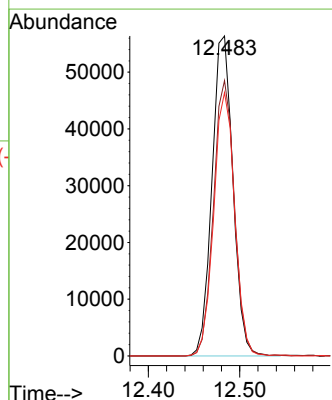
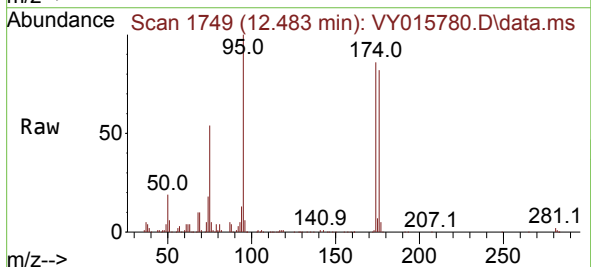
Instrument :
MSVOA_Y
ClientSampleId :

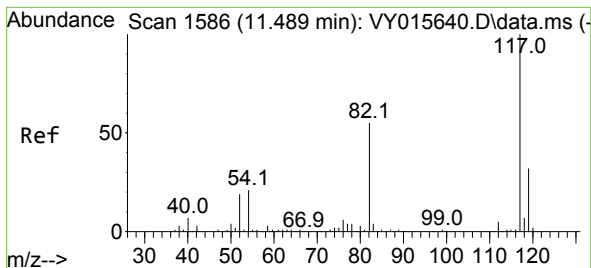
Tgt Ion: 98 Resp: 275051
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

Tgt Ion: 95 Resp: 89684
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015780.D

Acq: 02 Oct 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

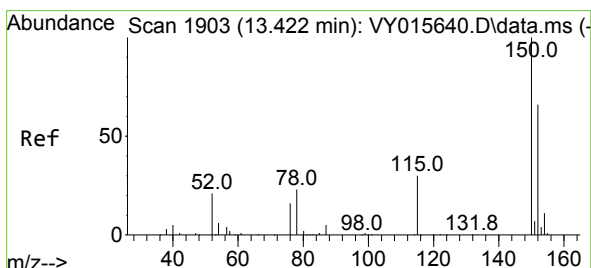
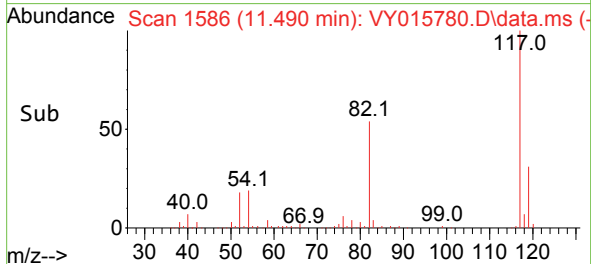
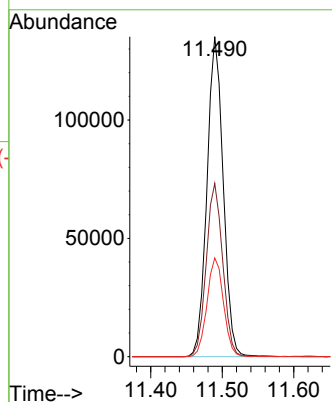
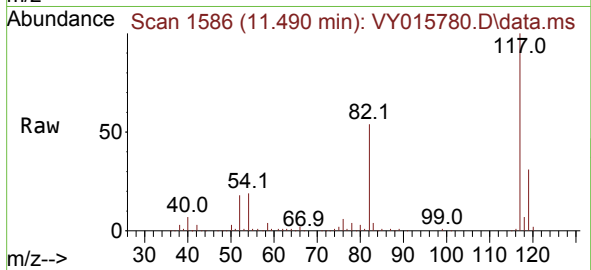
Tgt Ion:117 Resp: 213104

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 30.9 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: VY015780.D

Acq: 02 Oct 2023 16:30

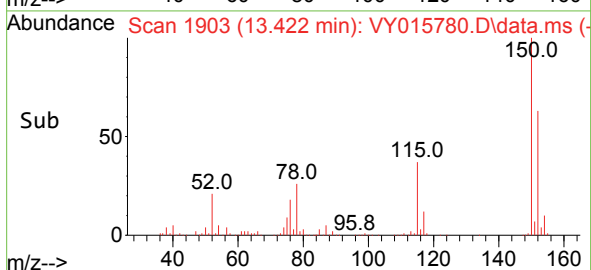
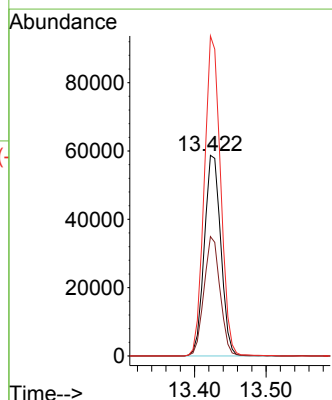
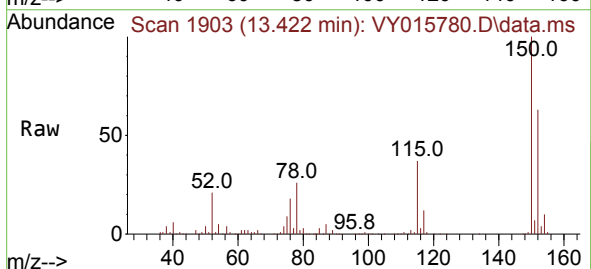
Tgt Ion:152 Resp: 94130

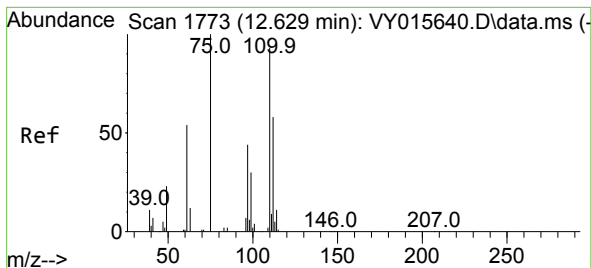
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.5 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 31.878 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015780.D

Acq: 02 Oct 2023 16:30

Instrument :

MSVOA_Y

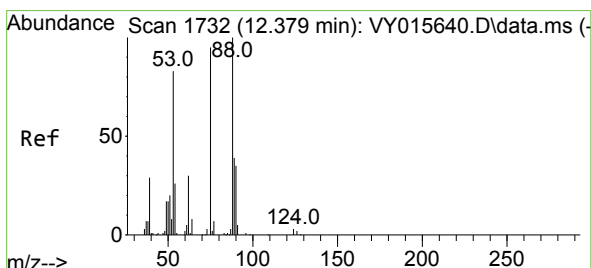
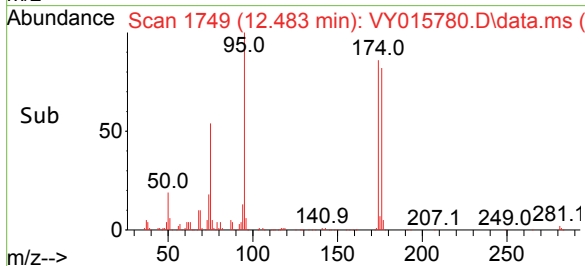
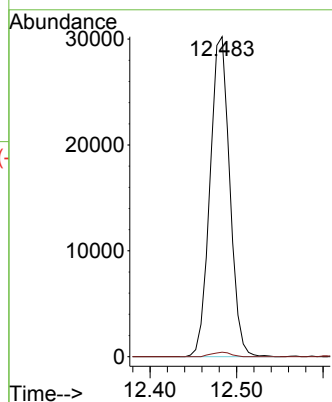
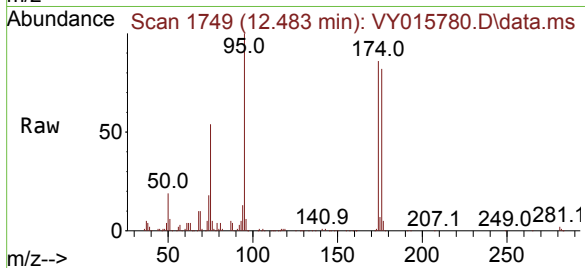
ClientSampleId :

Tgt Ion: 75 Resp: 47871

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.786 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY015780.D

Acq: 02 Oct 2023 16:30

Tgt Ion: 75 Resp: 47871

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

