

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018144.D
 Acq On : 03 May 2024 15:45
 Operator : SY/MD
 Sample : P2362-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 02:59:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

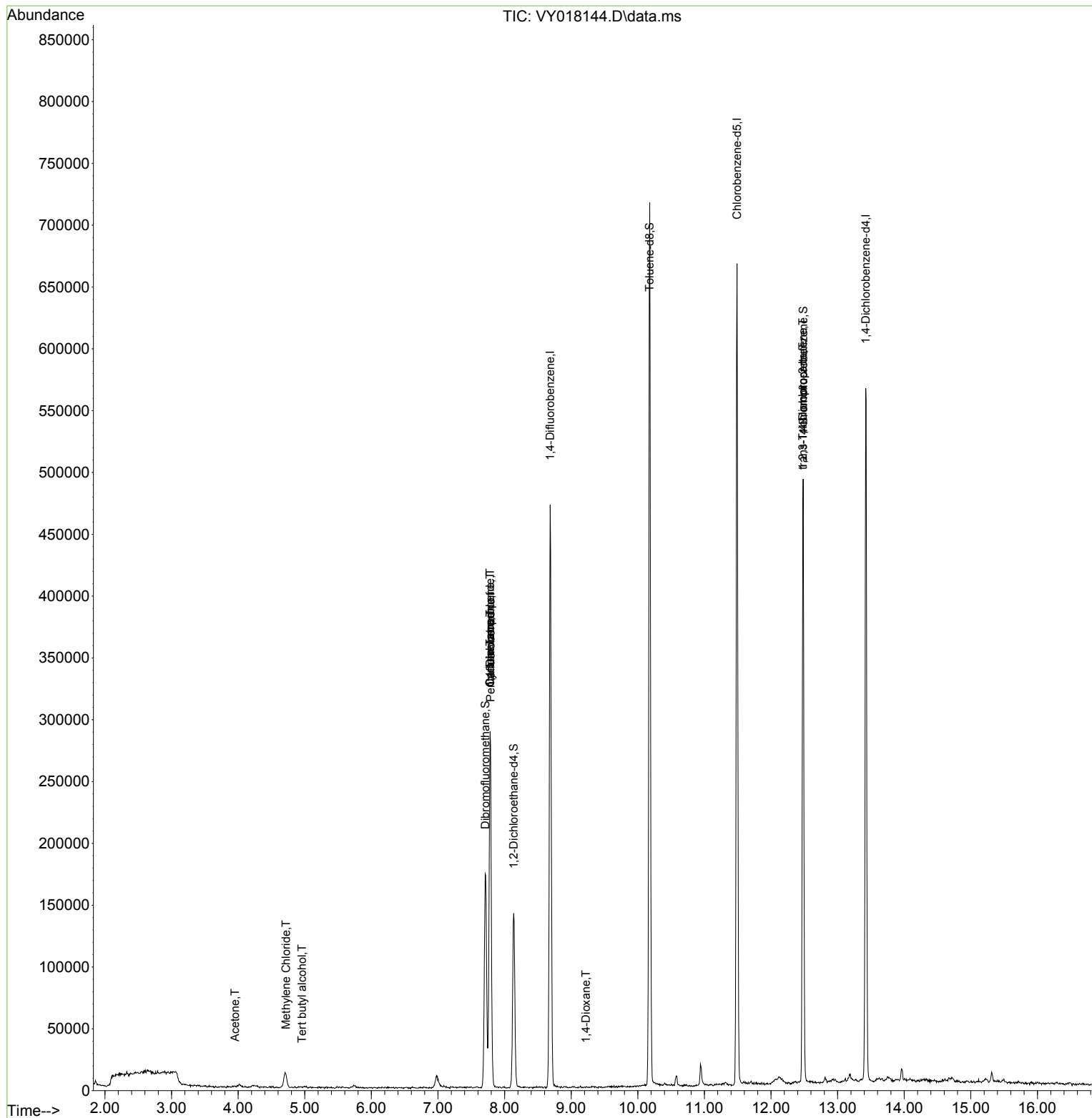
Internal Standards						
1) Pentafluorobenzene	7.789	168	238308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	431584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103796	55.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.520%			
35) Dibromofluoromethane	7.709	113	125415	50.567	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.140%			
50) Toluene-d8	10.178	98	480303	49.605	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.483	95	154361	46.325	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.640%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	359	2.345	ug/l #	88
16) Acetone	3.954	43	1777	4.966	ug/l	90
20) Methylene Chloride	4.716	84	9567	3.815	ug/l #	87
31) Cyclohexane	7.782	56	4527	1.258	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	15890	4.800	ug/l #	50
38) Carbon Tetrachloride	7.782	117	21454	5.709	ug/l #	17
49) 1,4-Dioxane	9.221	88	20	1.277	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	73579	56.675	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73579	103.249	ug/l #	16

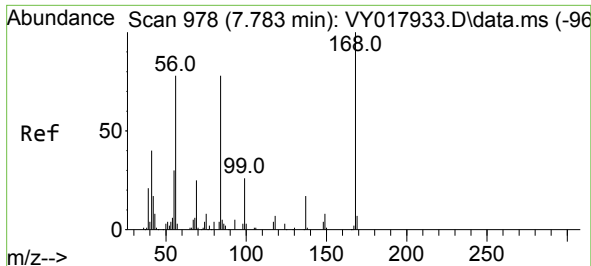
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 06 02:59:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

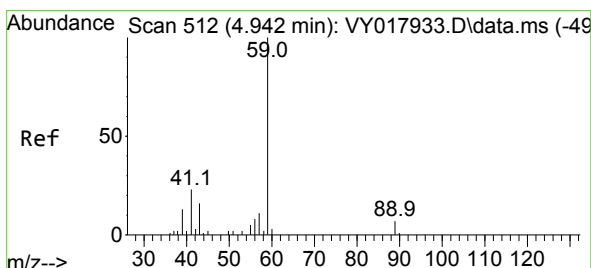
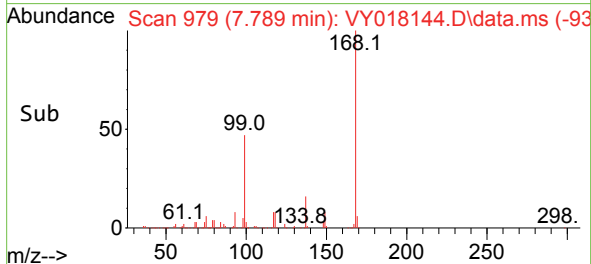
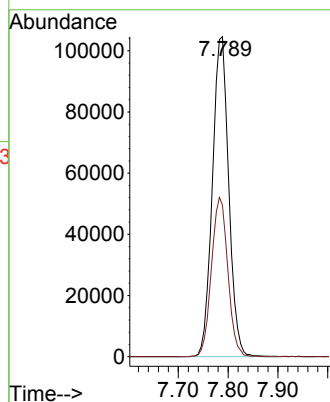
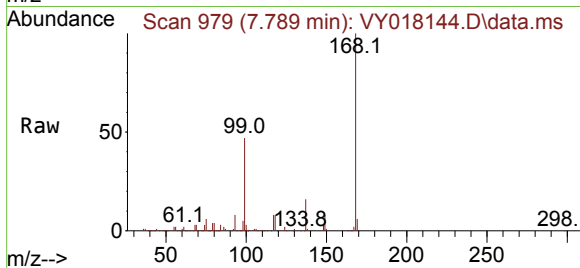




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

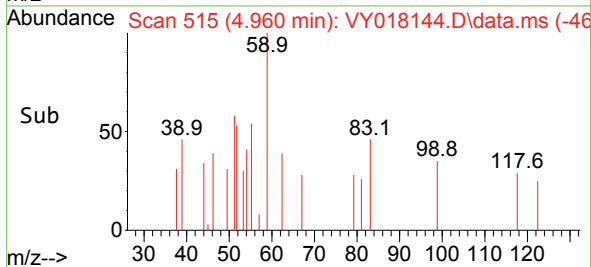
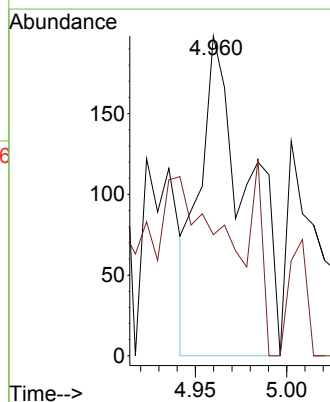
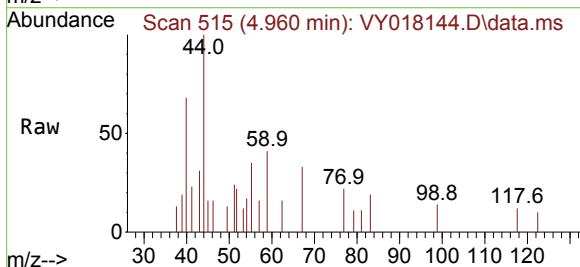
Instrument :
MSVOA_Y
ClientSampleId :

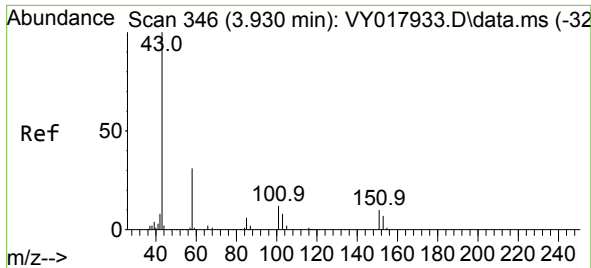
Tgt Ion:168 Resp: 238308
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.345 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

Tgt Ion: 59 Resp: 359
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

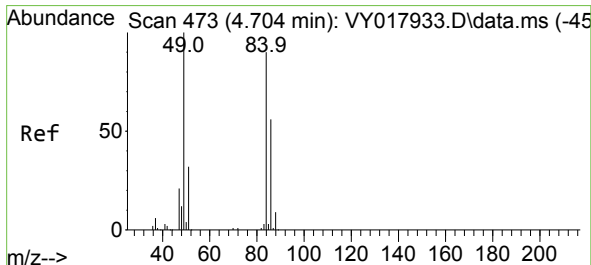
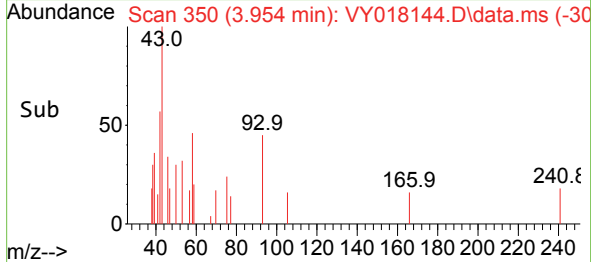
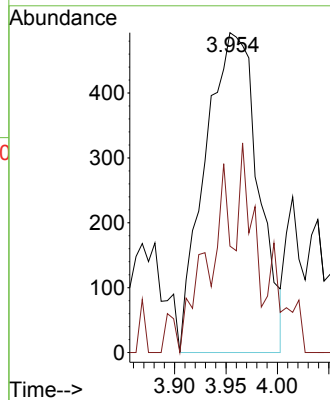
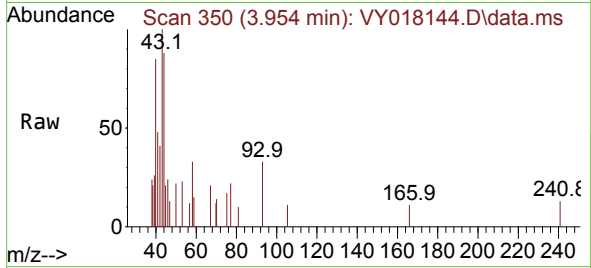




#16
Acetone
Concen: 4.966 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

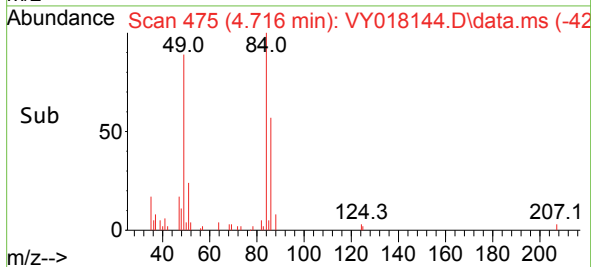
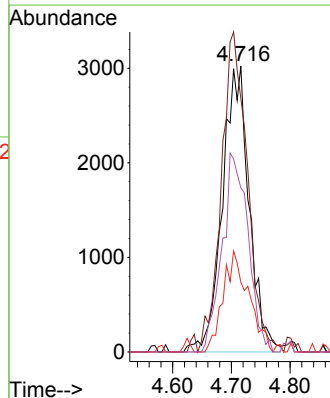
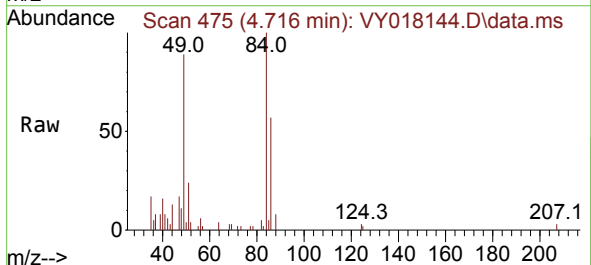
Instrument :
MSVOA_Y
ClientSampleId :

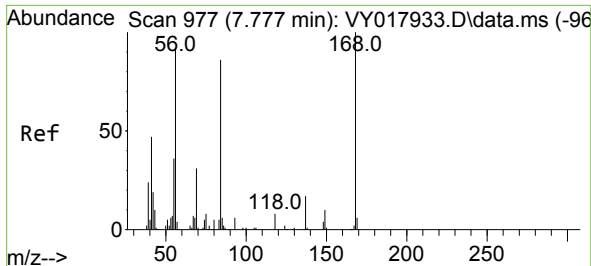
Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
58 33.3 31.7 47.5



#20
Methylene Chloride
Concen: 3.815 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

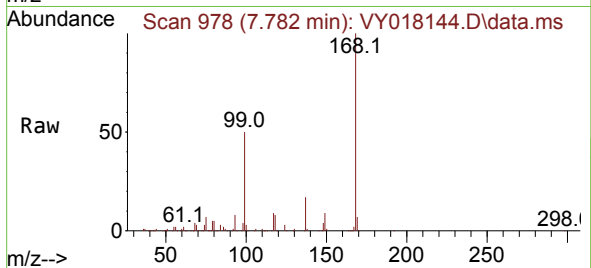
Tgt Ion: 84 Resp: 9567
Ion Ratio Lower Upper
84 100
49 88.7 84.4 126.6
51 24.4 26.0 39.0#
86 57.5 49.5 74.3



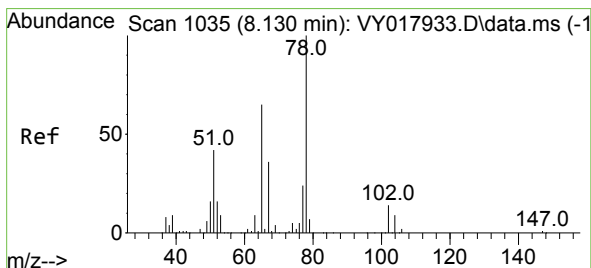
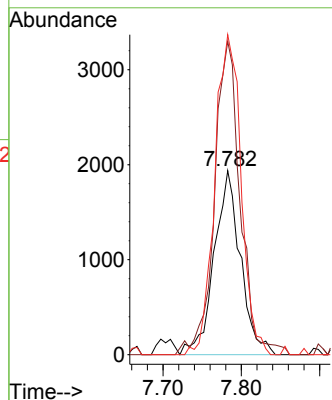
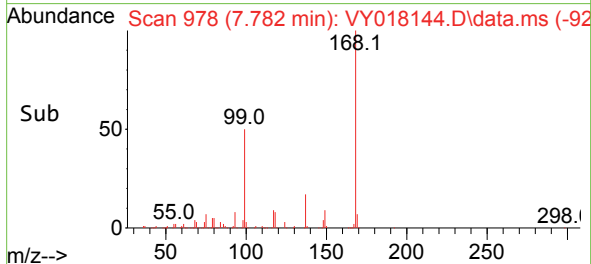


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :

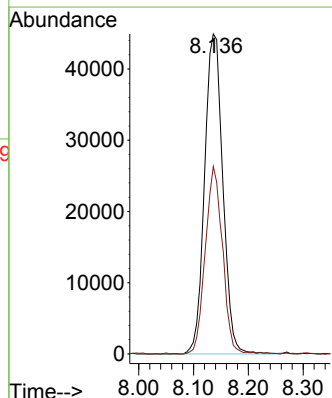
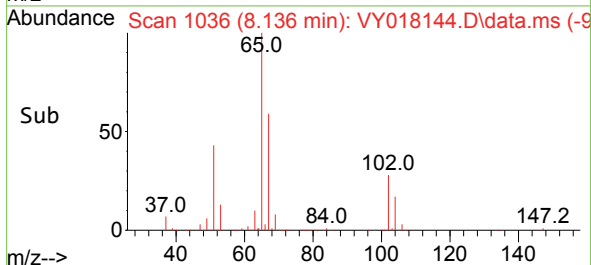
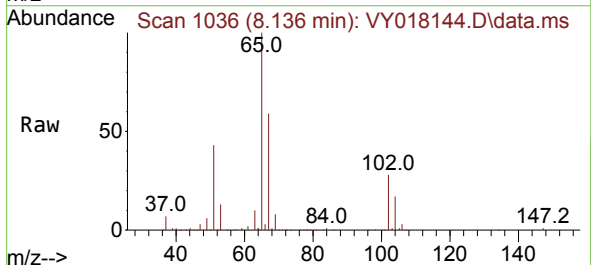


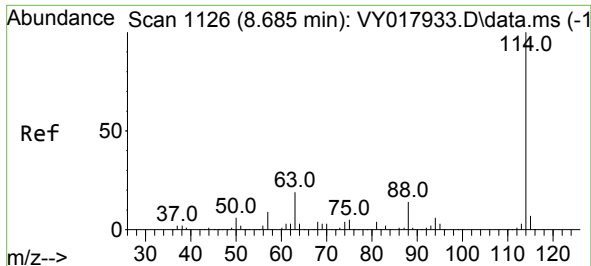
Tgt Ion: 56 Resp: 4527
Ion Ratio Lower Upper
56 100
69 166.6 28.7 43.1#
84 173.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.257 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

Tgt Ion: 65 Resp: 103796
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

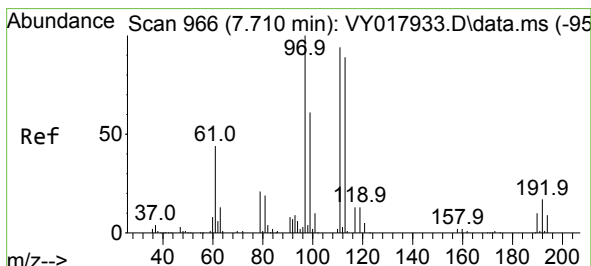
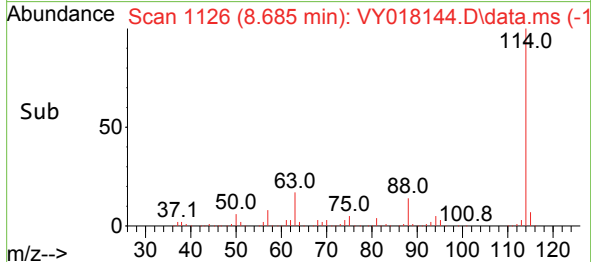
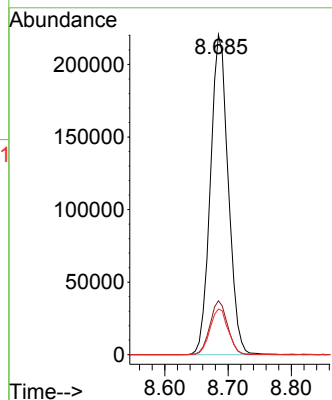
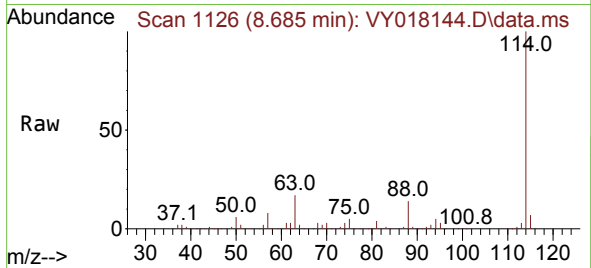




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

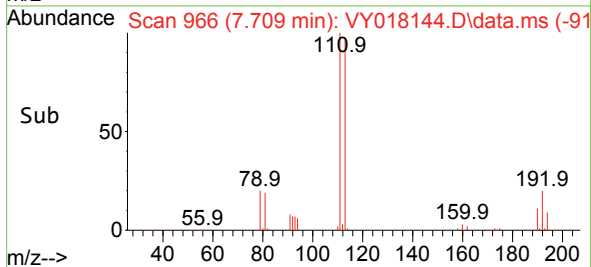
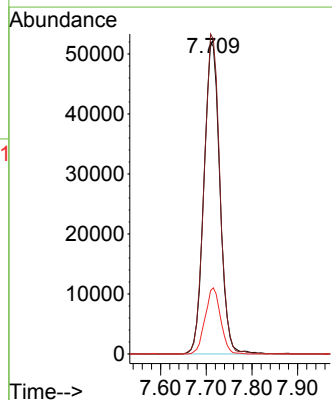
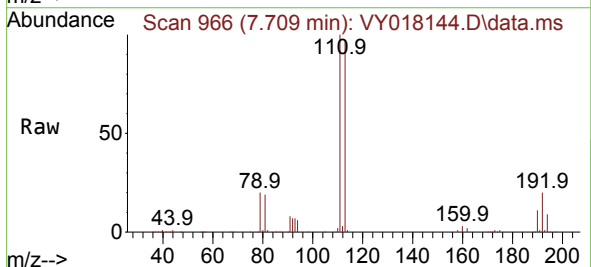
Instrument :
MSVOA_Y
ClientSampleId :

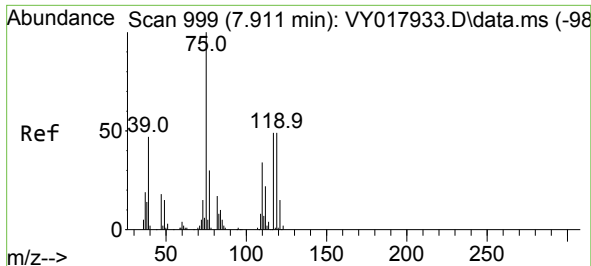
Tgt Ion:114 Resp: 431584
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.567 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.013 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

Tgt Ion:113 Resp: 125415
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 20.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.800 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.135 min

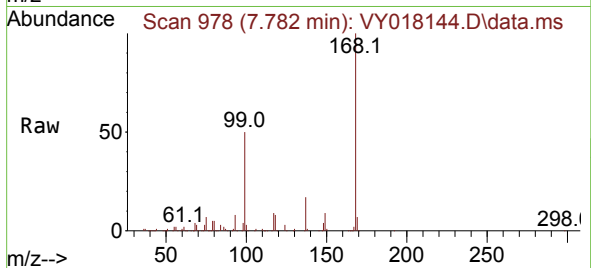
Lab File: VY018144.D

Acq: 03 May 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :



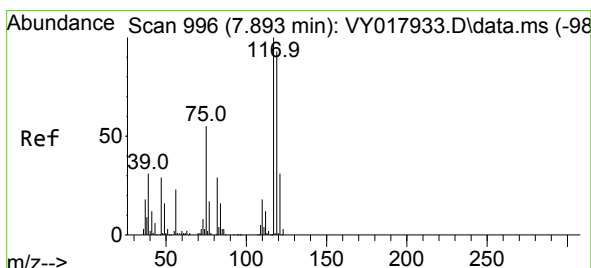
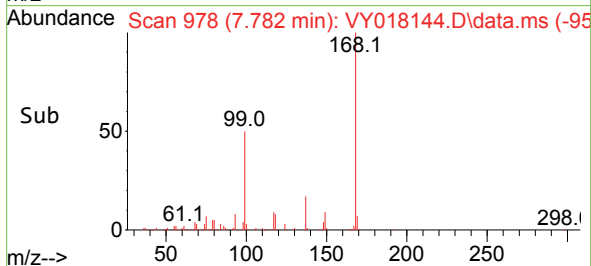
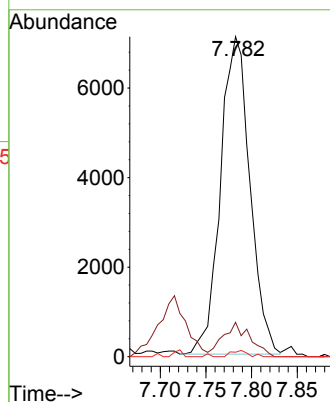
Tgt Ion: 75 Resp: 15890

Ion Ratio Lower Upper

75 100

110 9.9 19.0 57.0#

77 1.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.709 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.123 min

Lab File: VY018144.D

Acq: 03 May 2024 15:45

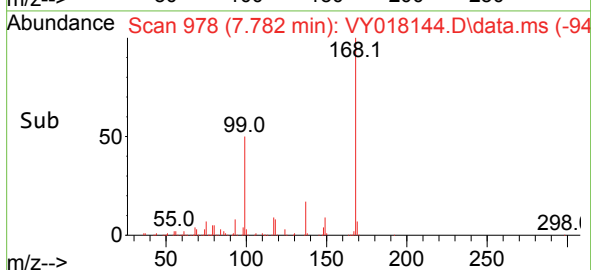
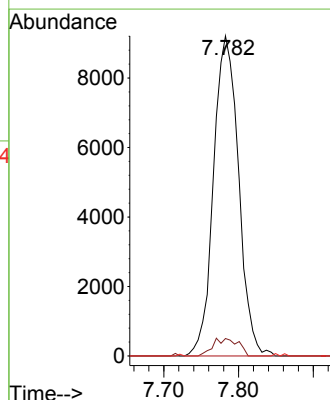
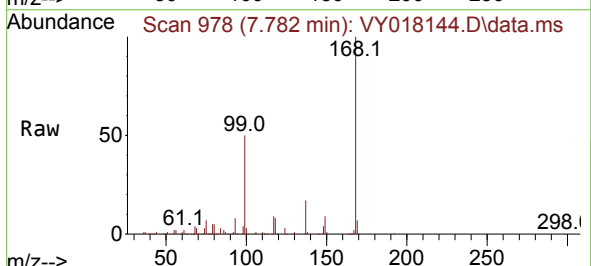
Tgt Ion: 117 Resp: 21454

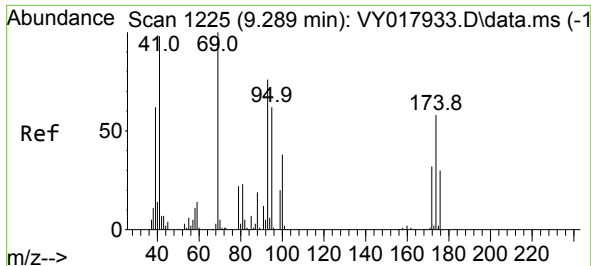
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.277 ug/l

RT: 9.221 min Scan# 1

Delta R.T. -0.080 min

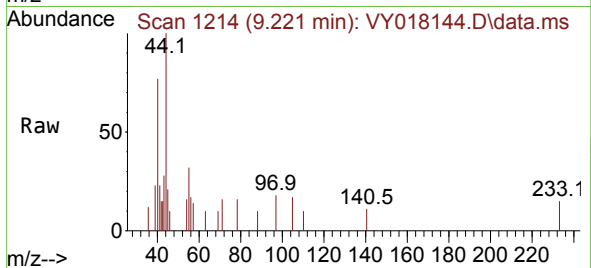
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Acq: 03 May 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :



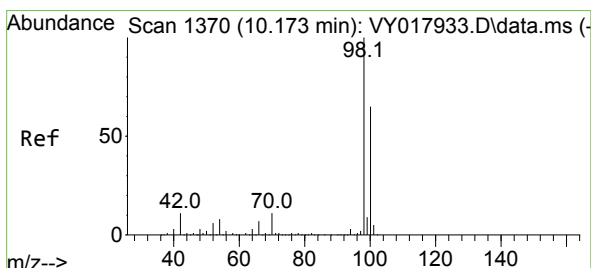
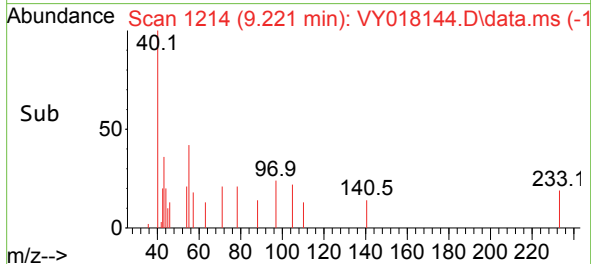
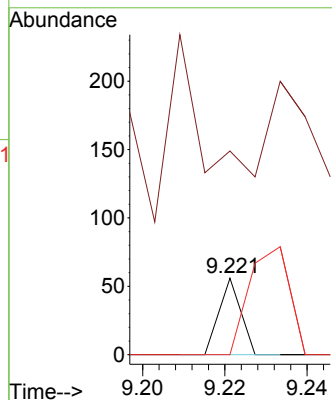
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 510.0 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.605 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY018144.D

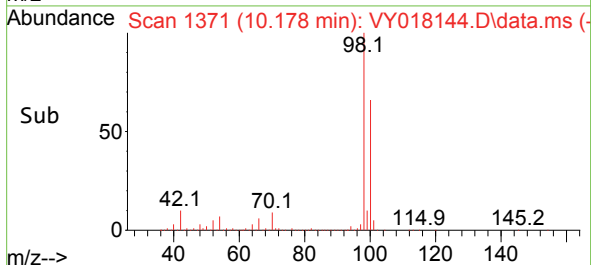
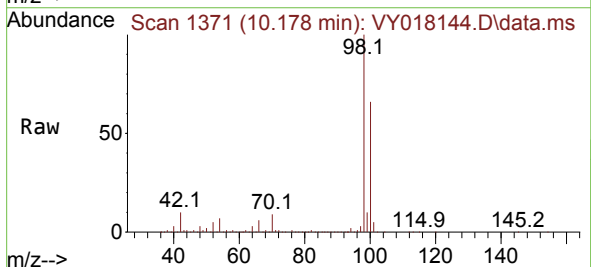
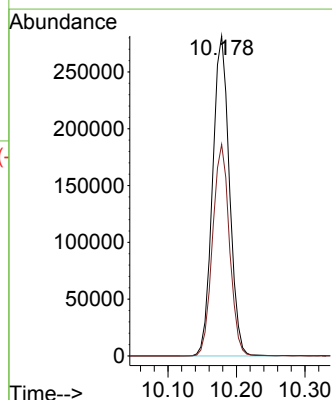
Acq: 03 May 2024 15:45

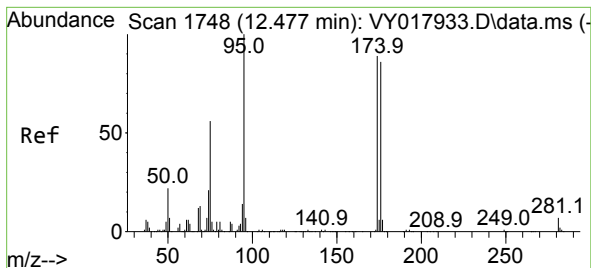
Tgt Ion: 98 Resp: 480303

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.325 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018144.D

Acq: 03 May 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

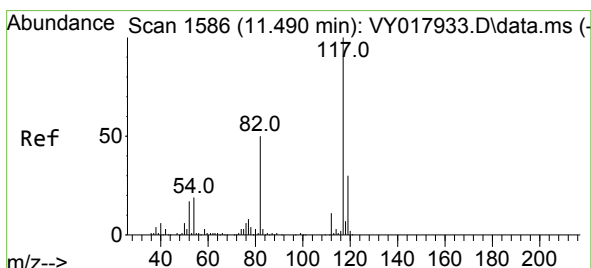
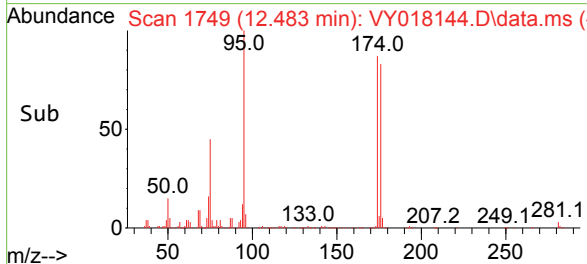
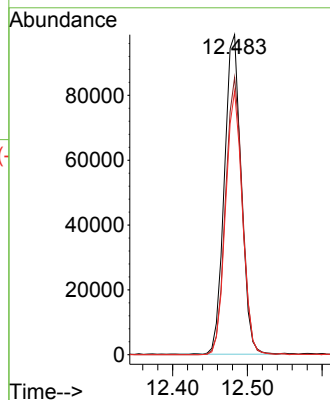
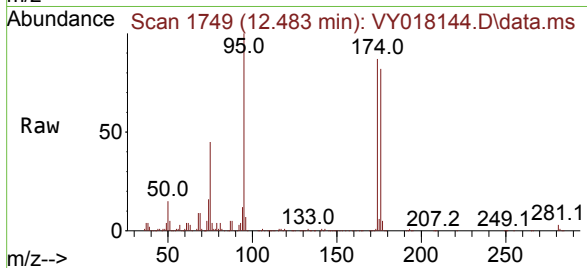
Tgt Ion: 95 Resp: 154361

Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 82.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY018144.D

Acq: 03 May 2024 15:45

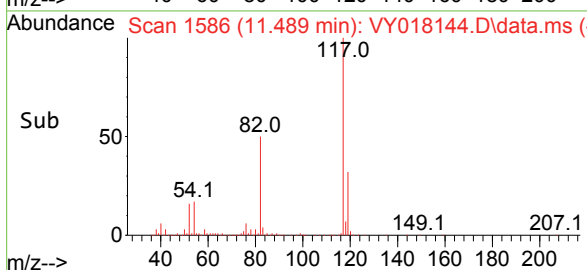
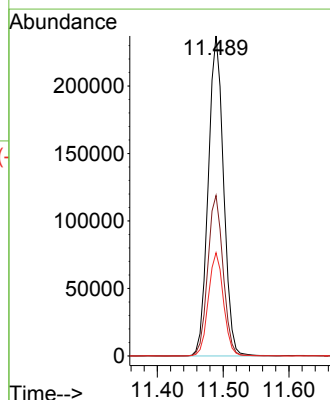
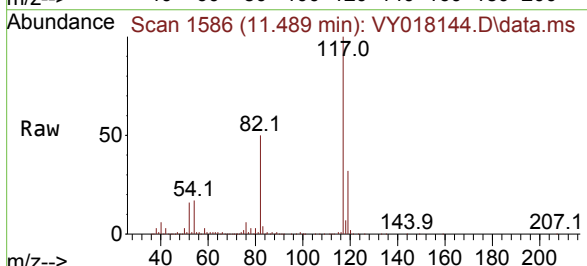
Tgt Ion: 117 Resp: 384740

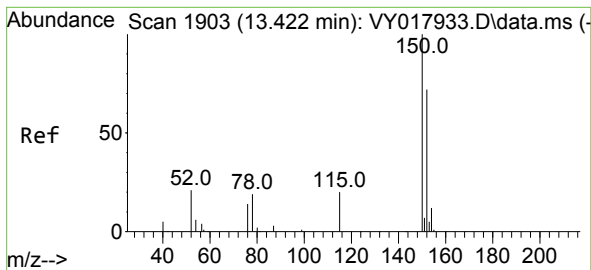
Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

119 32.2 25.9 38.9

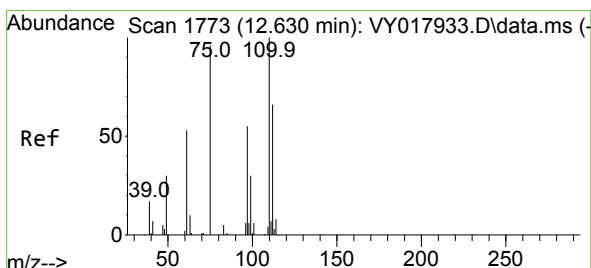
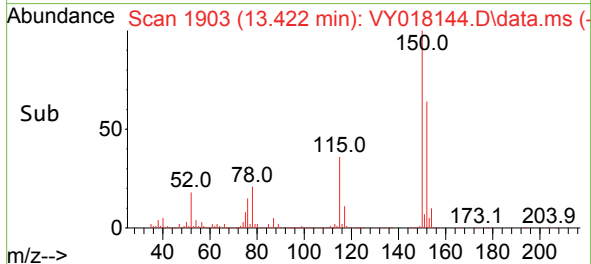
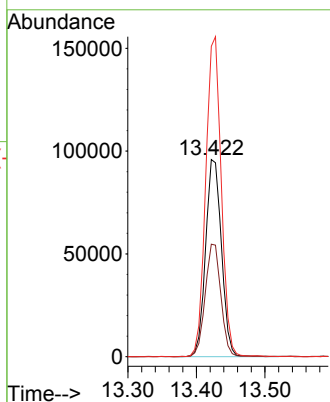
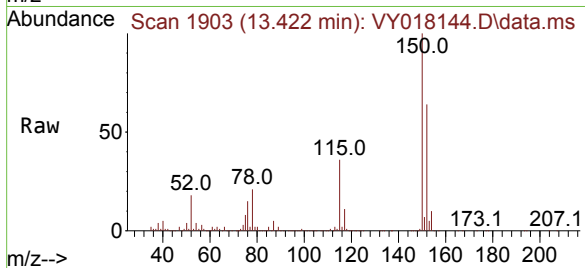




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

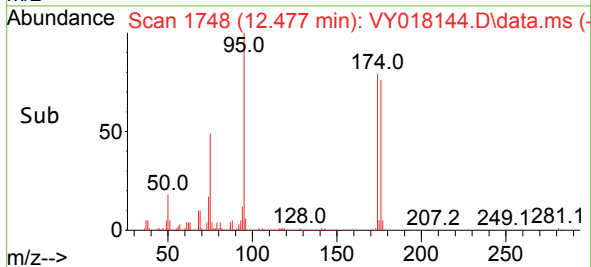
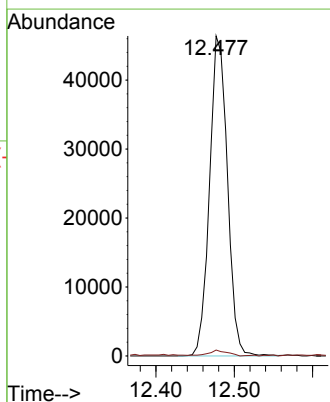
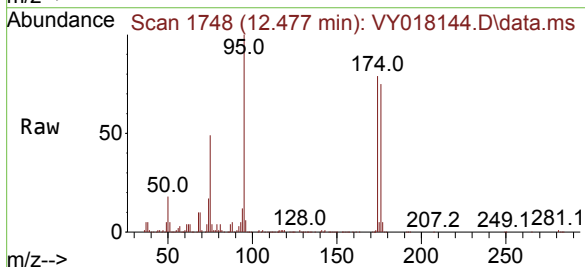
Instrument :
MSVOA_Y
ClientSampleId :

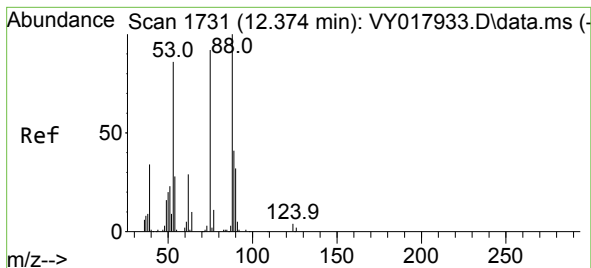
Tgt Ion:	152	Resp:	154692
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	158.2	0.0	345.6



#76
1,2,3-Trichloropropane
Concen: 56.675 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

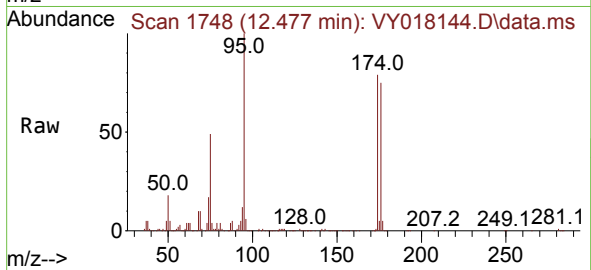
Tgt Ion:	75	Resp:	73579
Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 103.249 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	66.8	100.2#
89	0.1	35.8	53.6#

