

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018113.D
 Acq On : 02 May 2024 13:43
 Operator : SY/MD
 Sample : P2326-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:03:24 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)

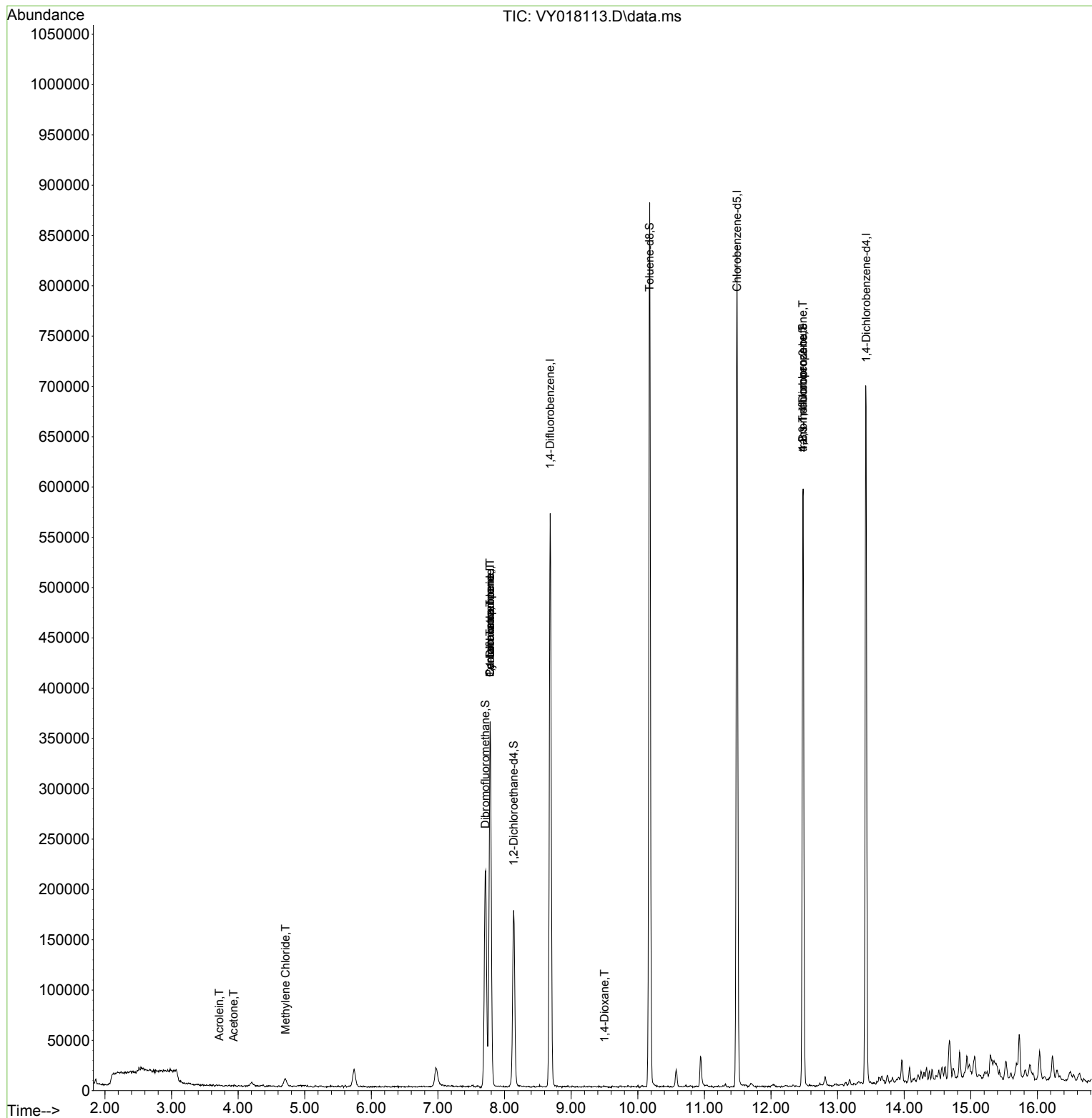
Internal Standards						
1) Pentafluorobenzene	7.783	168	298309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	531671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	474093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	192592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	129479	55.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.710	113	155587	50.923	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.840%
50) Toluene-d8	10.179	98	587837	49.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.477	95	190369	46.376	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.760%
Target Compounds						
					Qvalue	
13) Acrolein	3.717	56	331	1.160	ug/l	94
16) Acetone	3.930	43	469	1.047	ug/l #	36
20) Methylene Chloride	4.710	84	6485	2.066	ug/l #	79
31) Cyclohexane	7.783	56	5935	1.317	ug/l #	23
36) 1,1-Dichloropropene	7.783	75	19478	4.776	ug/l #	51
38) Carbon Tetrachloride	7.783	117	26547	5.735	ug/l #	17
49) 1,4-Dioxane	9.502	88	48	2.489	ug/l #	96
76) 1,2,3-Trichloropropane	12.477	75	91990	56.913	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	91990	103.682	ug/l #	16

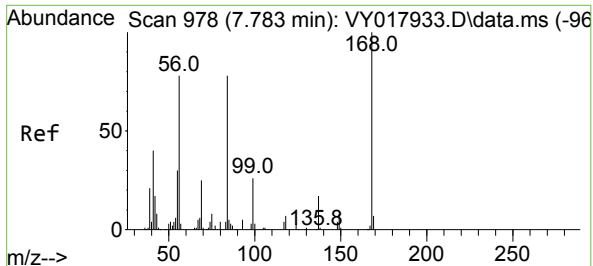
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

Quant Time: May 02 23:03:24 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

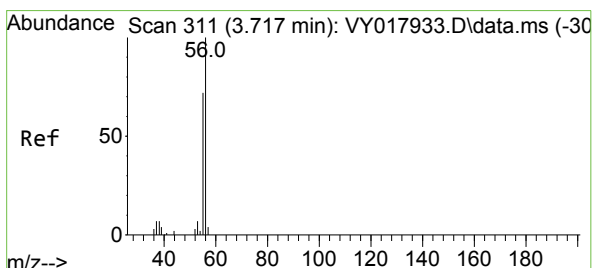
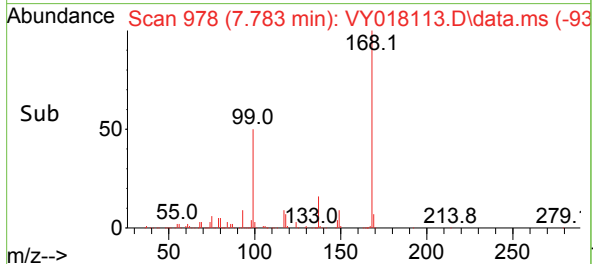
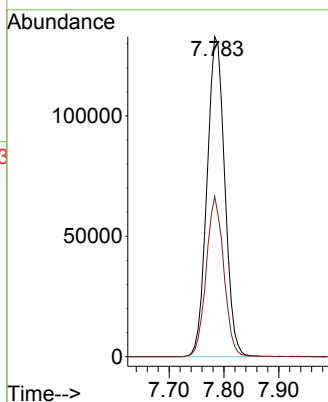
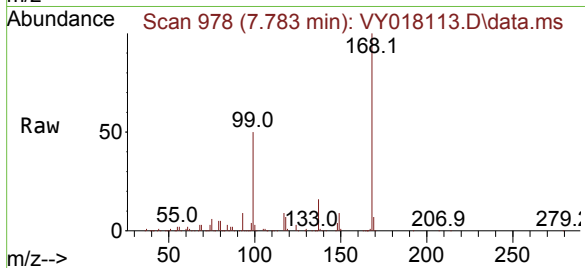




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

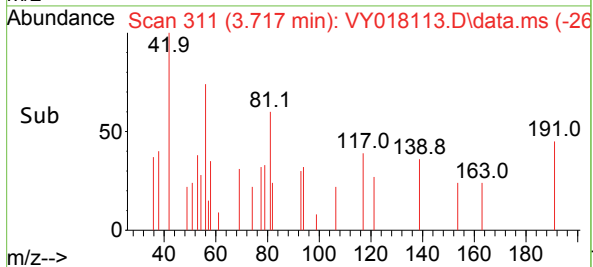
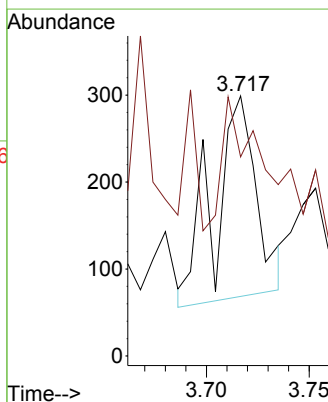
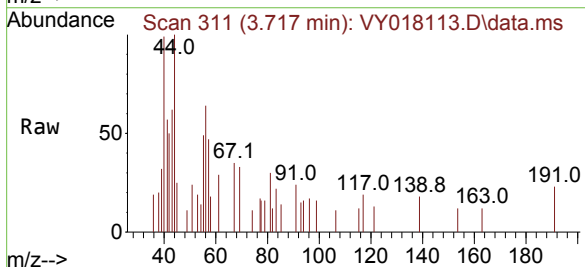
Instrument :
MSVOA_Y
ClientSampleId :

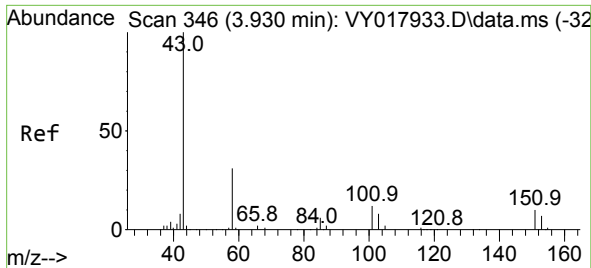
Tgt Ion:168 Resp: 298309
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#13
Acrolein
Concen: 1.160 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

Tgt Ion: 56 Resp: 331
Ion Ratio Lower Upper
56 100
55 64.7 55.7 83.5

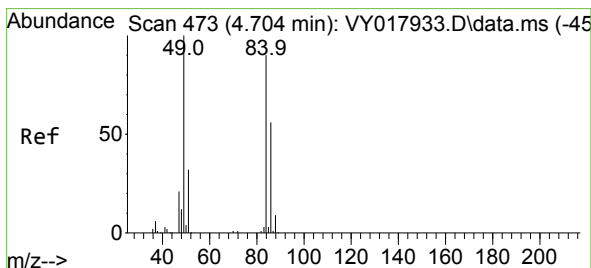
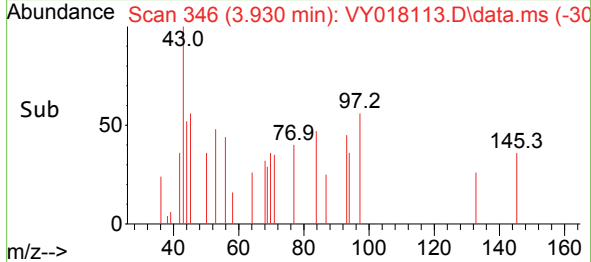
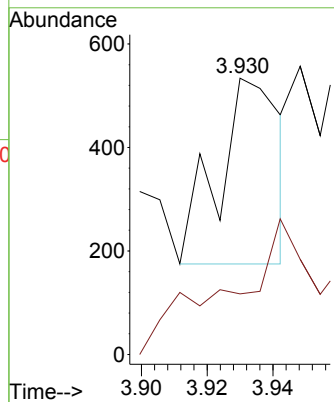
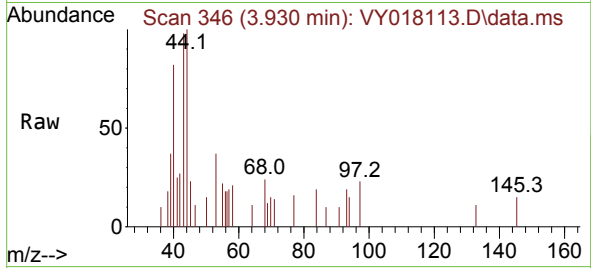




#16
Acetone
Concen: 1.047 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.018 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

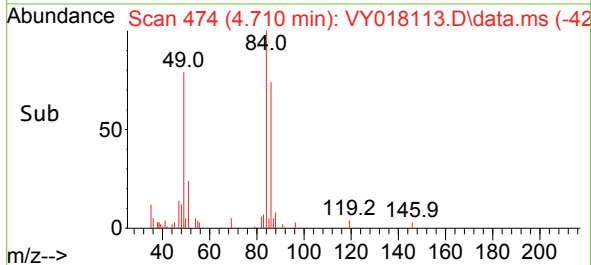
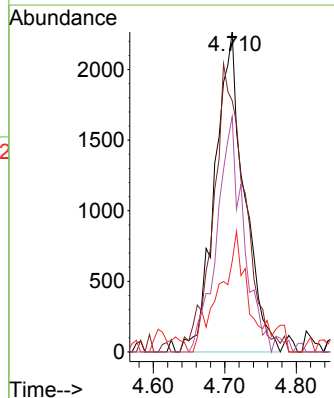
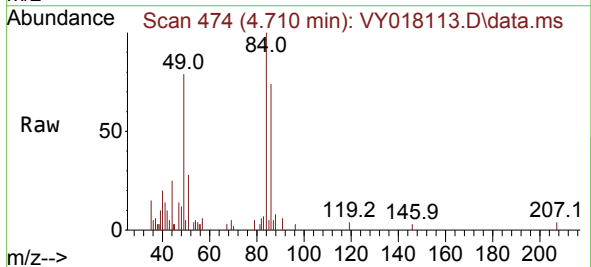
Instrument :
MSVOA_Y
ClientSampleId :

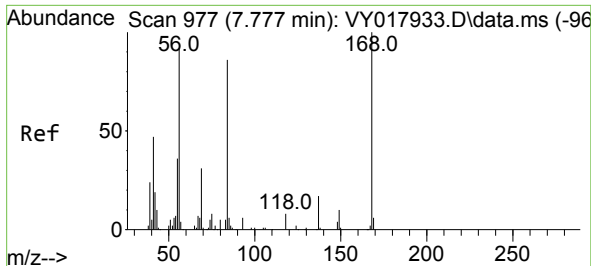
Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 2.066 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

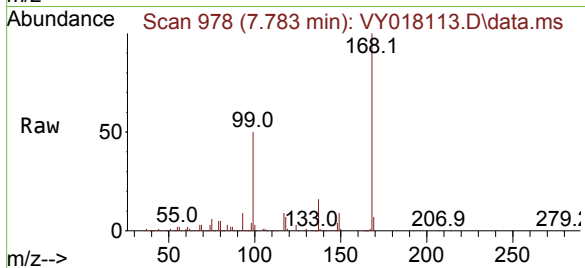
Tgt Ion: 84 Resp: 6485
Ion Ratio Lower Upper
84 100
49 78.6 84.4 126.6#
51 24.8 26.0 39.0#
86 73.6 49.5 74.3



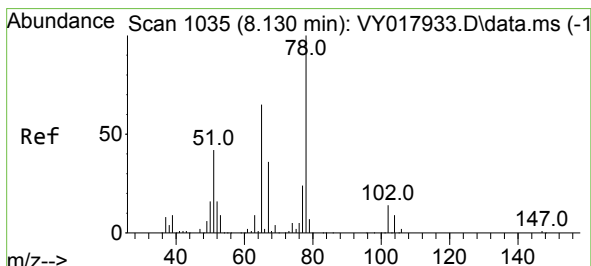
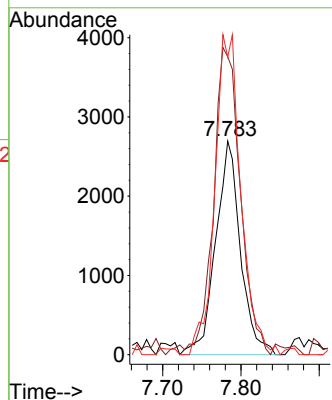
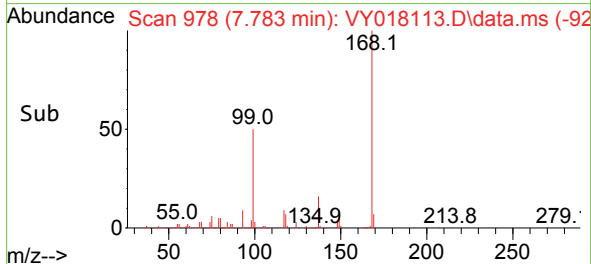


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :

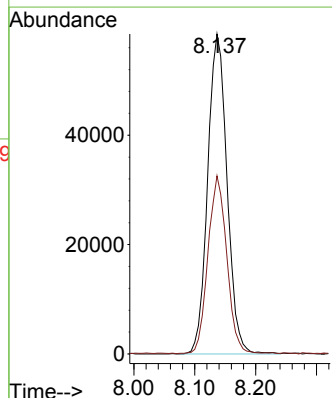
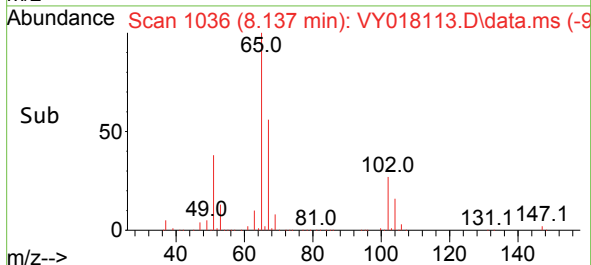
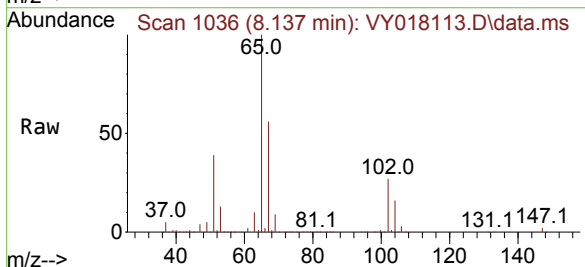


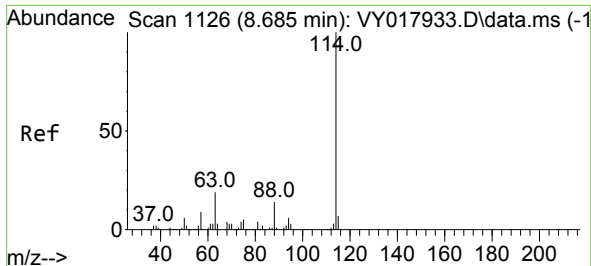
Tgt Ion: 56 Resp: 5935
Ion Ratio Lower Upper
56 100
69 135.7 28.7 43.1#
84 139.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.065 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

Tgt Ion: 65 Resp: 129479
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

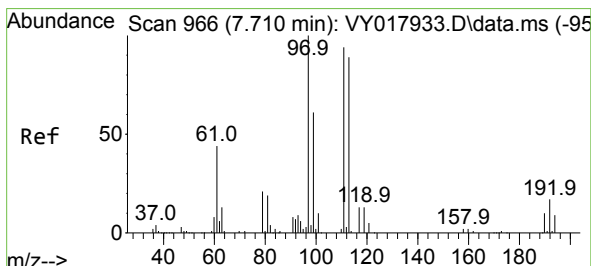
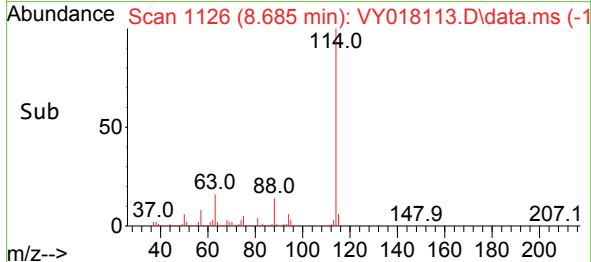
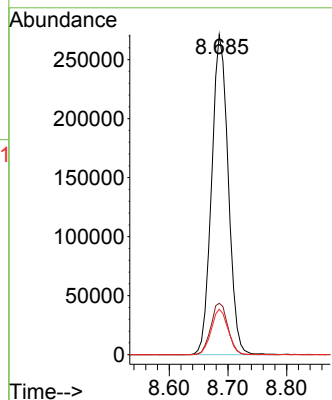
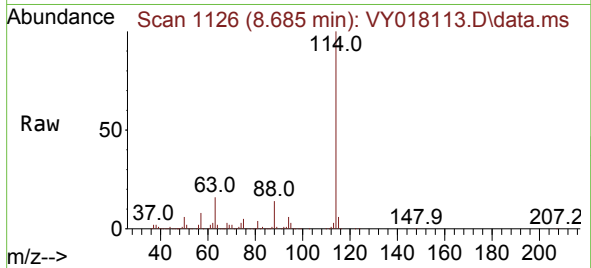




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

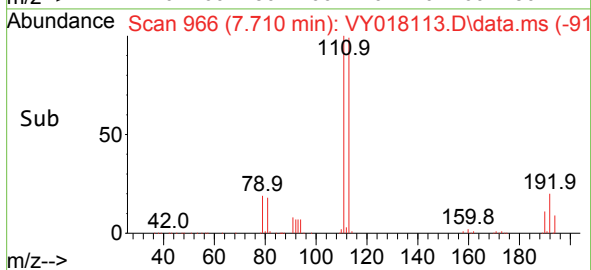
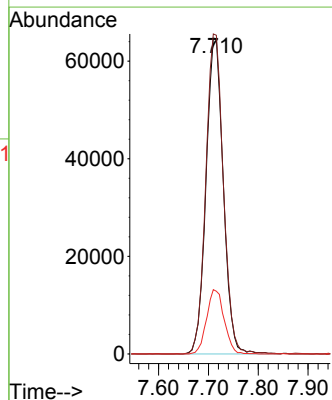
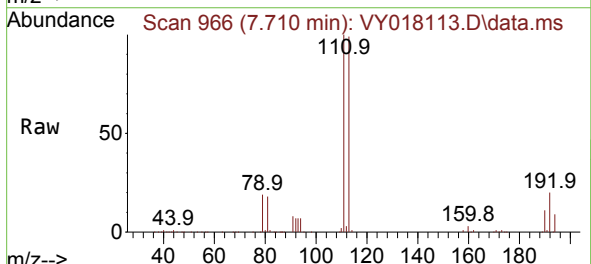
Instrument :
MSVOA_Y
ClientSampleId :

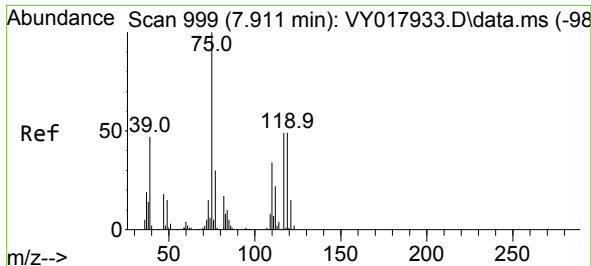
Tgt Ion:114 Resp: 531671
Ion Ratio Lower Upper
114 100
63 16.1 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.923 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

Tgt Ion:113 Resp: 155587
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 20.7 15.9 23.9

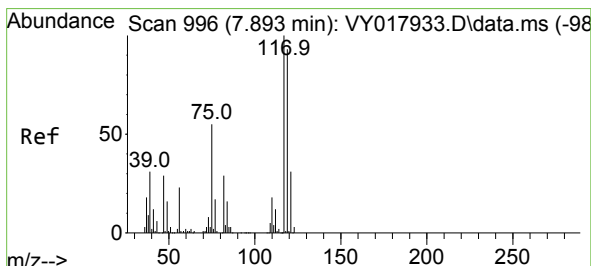
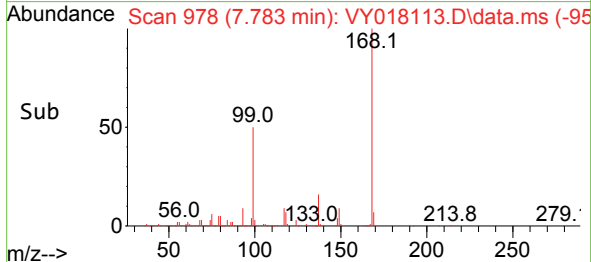
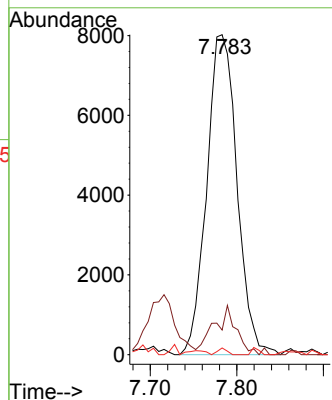
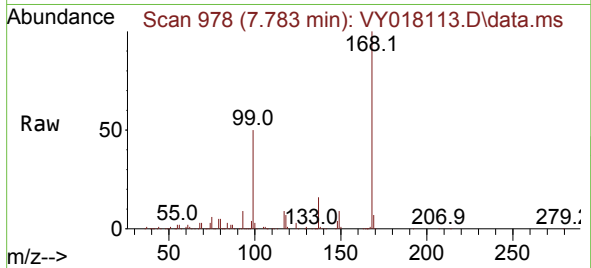




#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

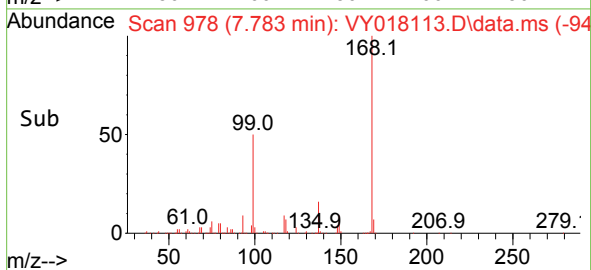
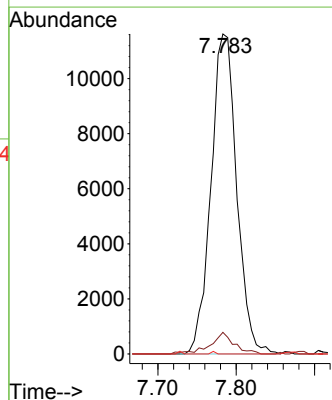
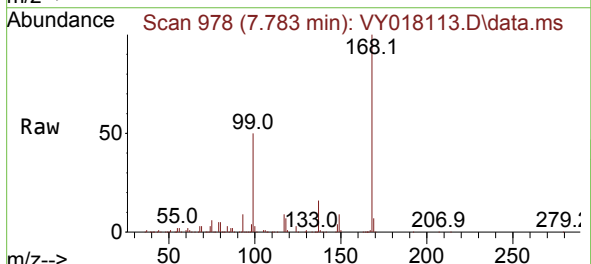
Instrument :
MSVOA_Y
ClientSampleId :

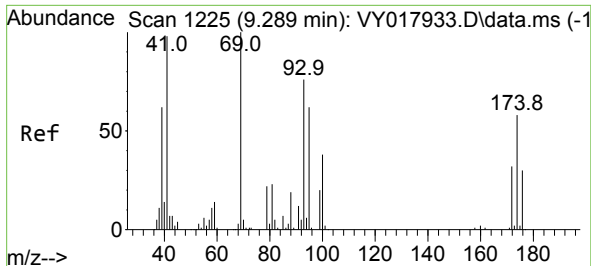
Tgt Ion: 75 Resp: 19478
Ion Ratio Lower Upper
75 100
110 11.4 19.0 57.0#
77 0.6 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.735 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

Tgt Ion: 117 Resp: 26547
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.489 ug/l

RT: 9.502 min Scan# 11

Delta R.T. 0.201 min

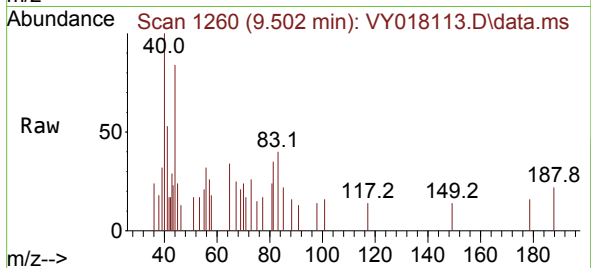
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Acq: 02 May 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :



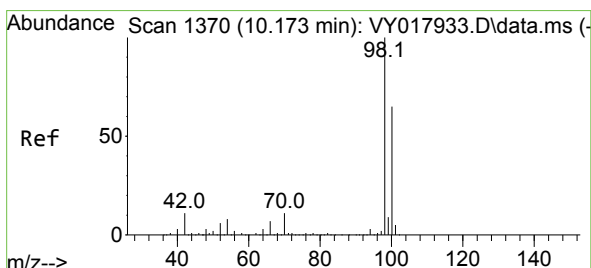
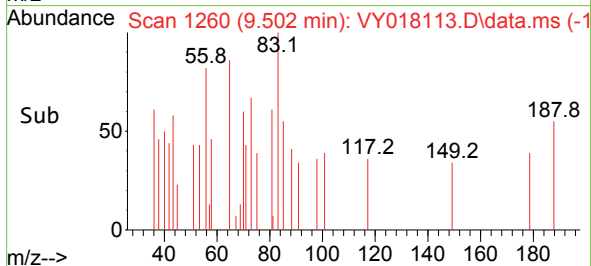
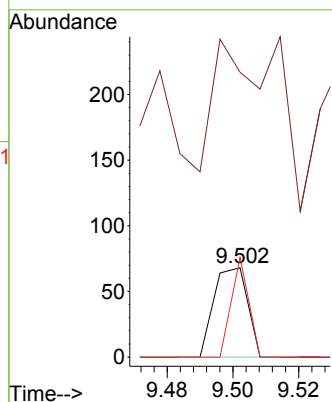
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

43 418.8 0.0 0.0#

58 58.3 49.3 73.9



#50

Toluene-d8

Concen: 49.283 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018113.D

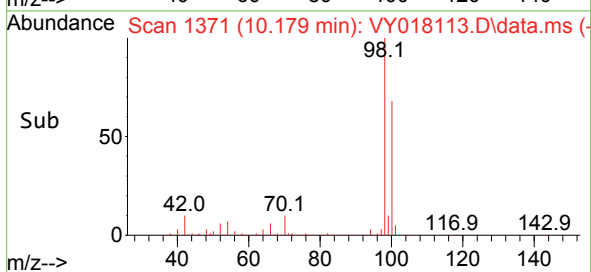
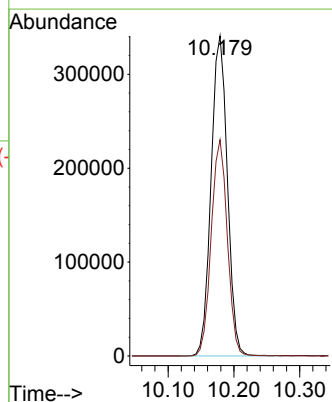
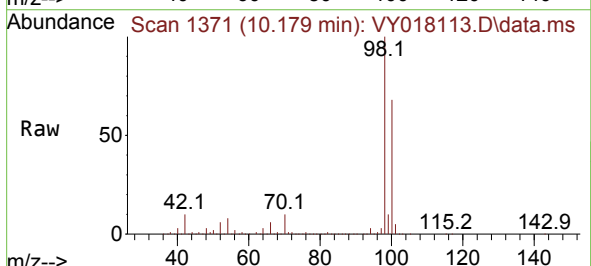
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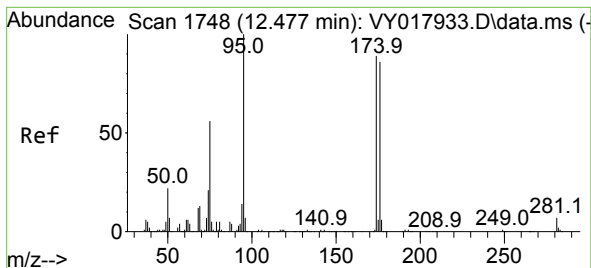
Tgt Ion: 98 Resp: 587837

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0

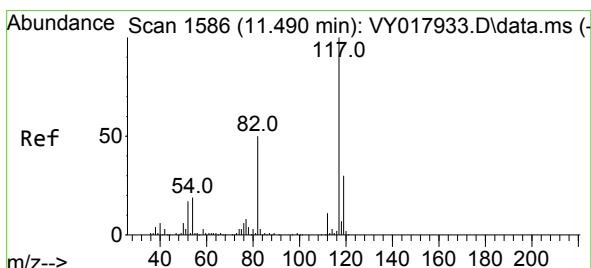
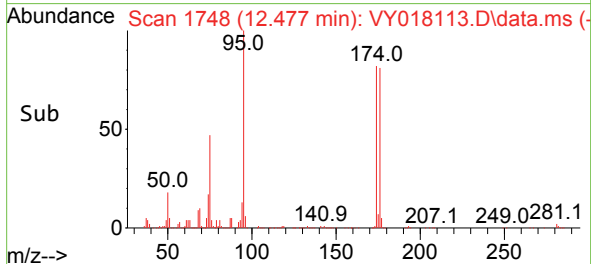
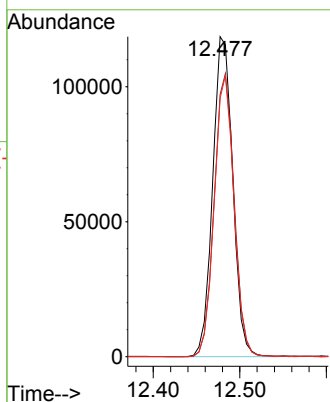
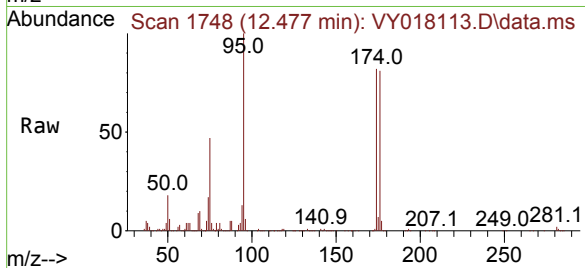




#62
4-Bromofluorobenzene
Concen: 46.376 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

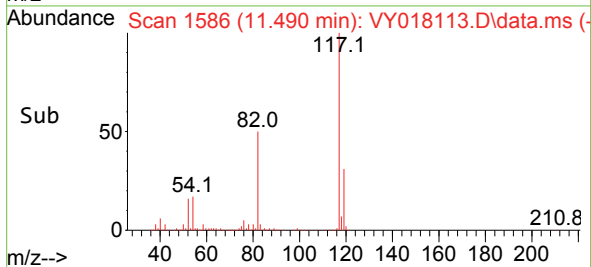
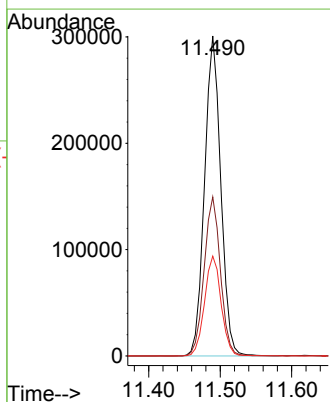
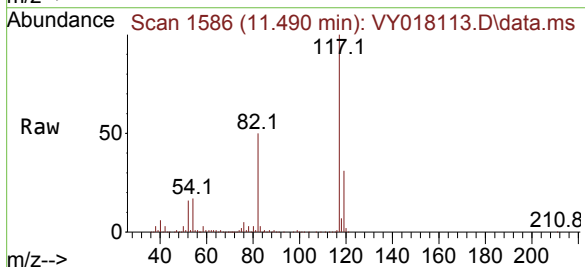
Instrument :
MSVOA_Y
ClientSampleId :

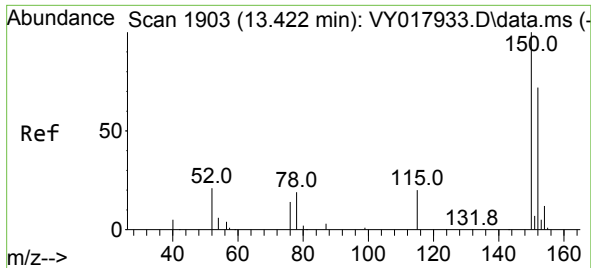
Tgt Ion: 95 Resp: 190369
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.6
176 86.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

Tgt Ion: 117 Resp: 474093
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 31.2 25.9 38.9

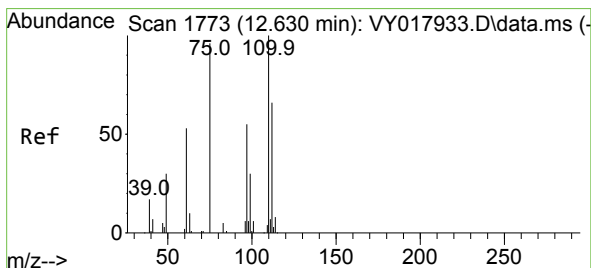
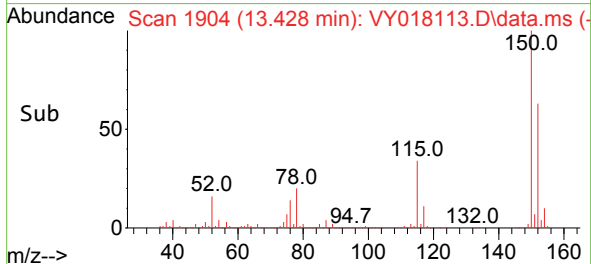
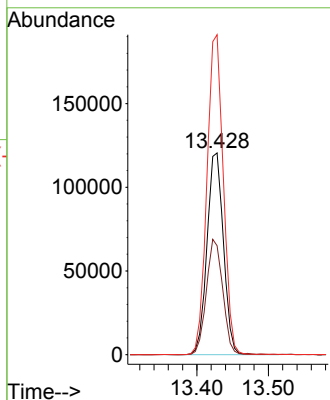
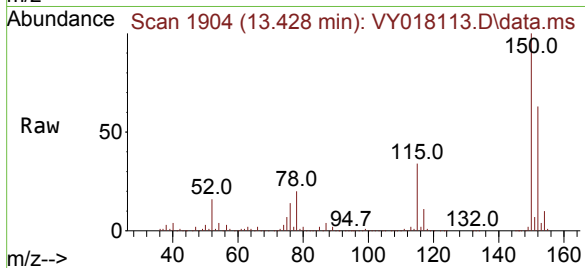




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018113.D
 Acq: 02 May 2024 13:43

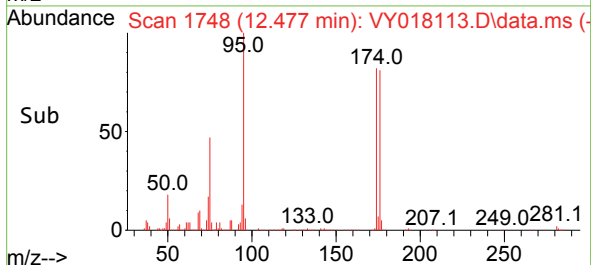
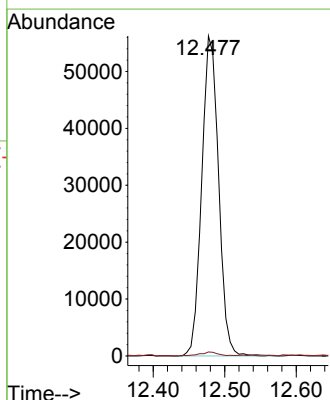
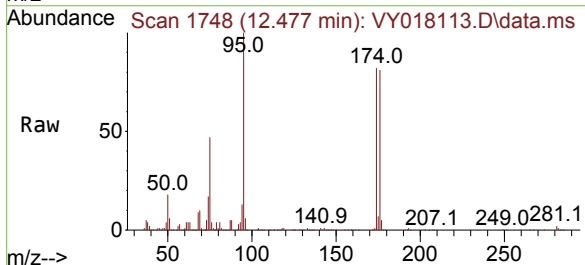
Instrument :
 MSVOA_Y
 ClientSampleId :

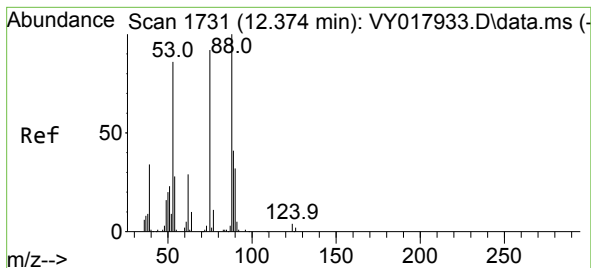
Tgt Ion:152 Resp: 192592
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 157.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 56.913 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY018113.D
 Acq: 02 May 2024 13:43

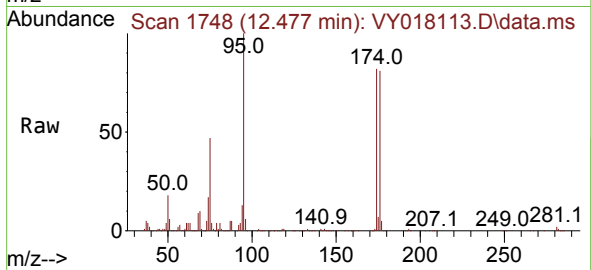
Tgt Ion: 75 Resp: 91990
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.682 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018113.D
 Acq: 02 May 2024 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.1	35.8	53.6#

