

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017856.D
 Acq On : 04 Apr 2024 17:02
 Operator : SY/MD
 Sample : P1996-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2

Quant Time: Apr 05 00:48:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

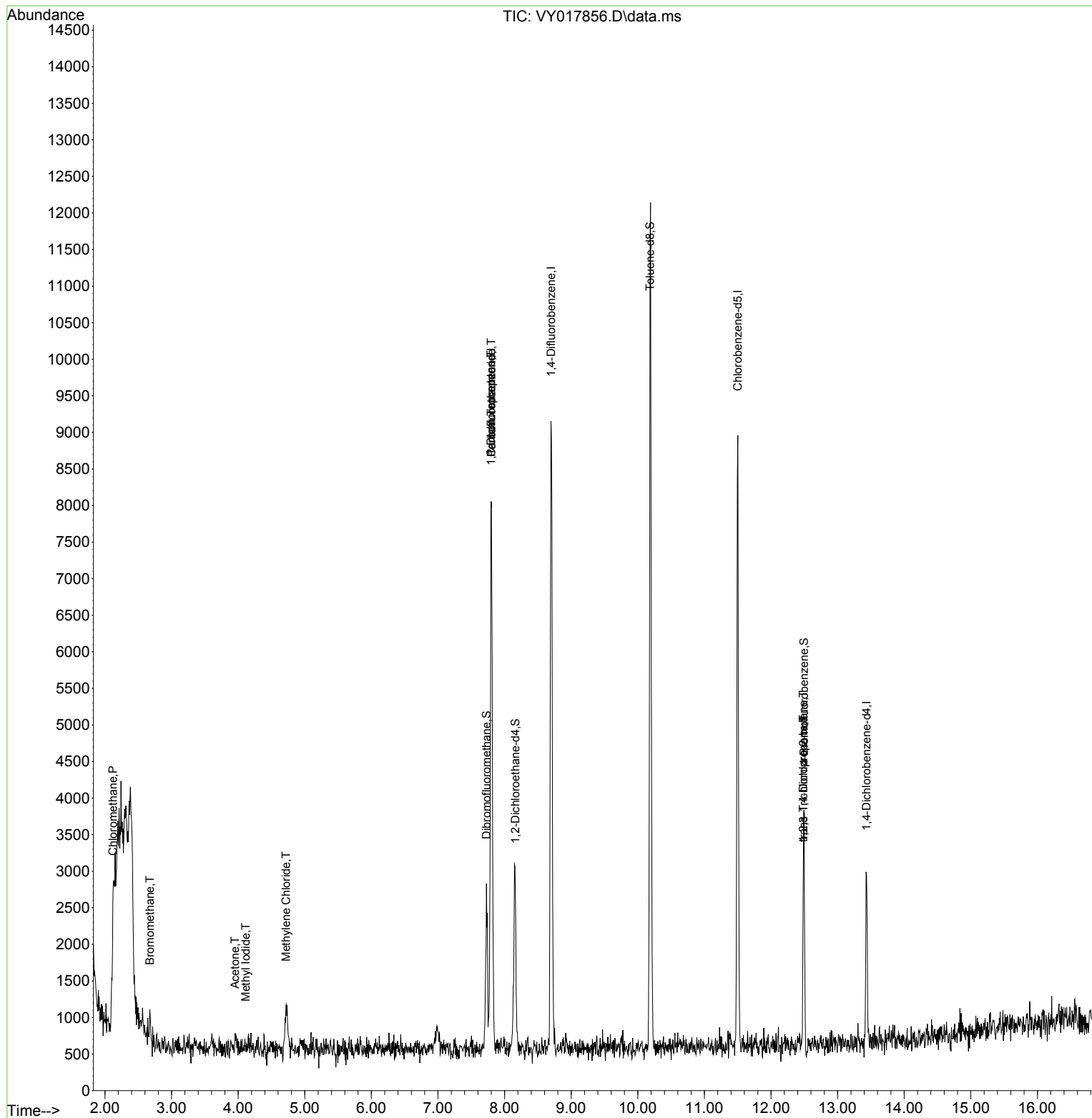
Internal Standards						
1) Pentafluorobenzene	7.801	168	6419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	8401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	5057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	2170	39.067	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.140%
35) Dibromofluoromethane	7.728	113	1510	31.105	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.220%
50) Toluene-d8	10.185	98	8251	45.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.495	95	1067	19.340	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	123	1.468	ug/l #	43
5) Bromomethane	2.674	94	192	2.169	ug/l	81
10) Methyl Iodide	4.113	142	141	2.025	ug/l #	77
16) Acetone	3.954	43	68	5.922	ug/l #	36
20) Methylene Chloride	4.716	84	350	2.449	ug/l #	62
36) 1,1-Dichloropropene	7.795	75	484	6.833	ug/l #	40
38) Carbon Tetrachloride	7.801	117	593	8.065	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	596	75.177	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	596	135.378	ug/l #	16

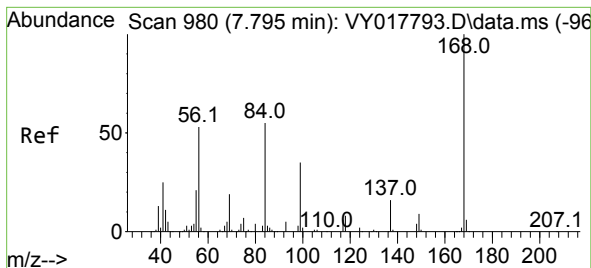
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017856.D

Acq: 04 Apr 2024 17:02

Instrument :

MSVOA_Y

ClientSampleId :

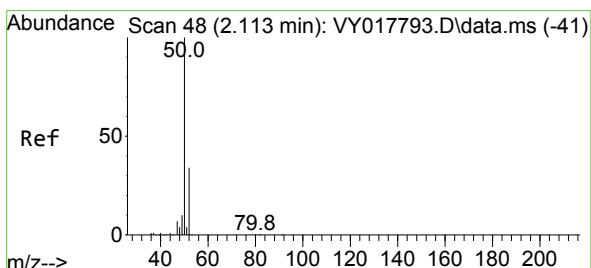
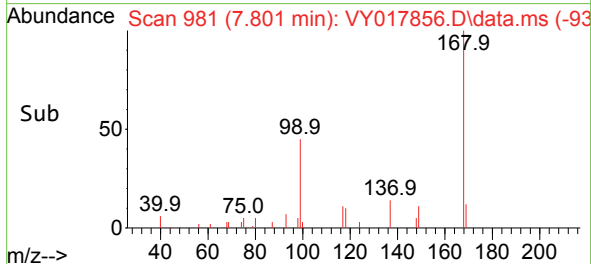
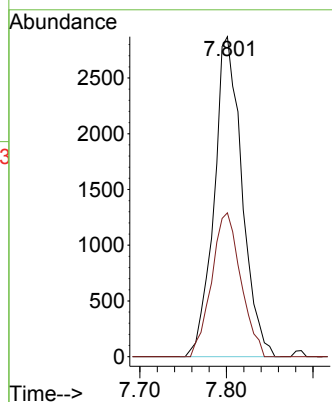
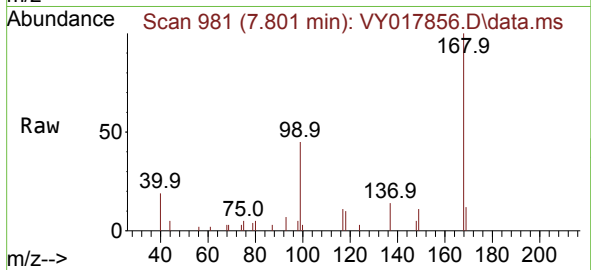
TP2

Tgt Ion:168 Resp: 6419

Ion Ratio Lower Upper

168 100

99 45.0 39.1 58.7



#3

Chloromethane

Concen: 1.468 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY017856.D

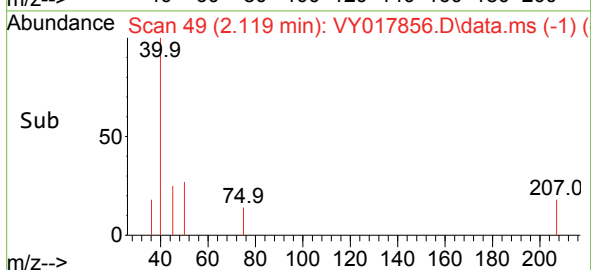
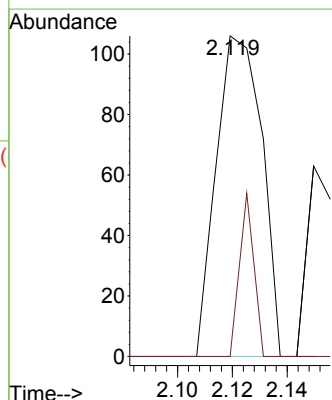
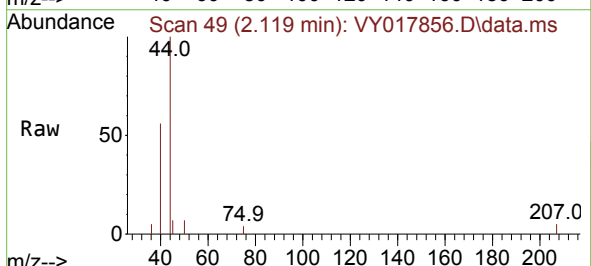
Acq: 04 Apr 2024 17:02

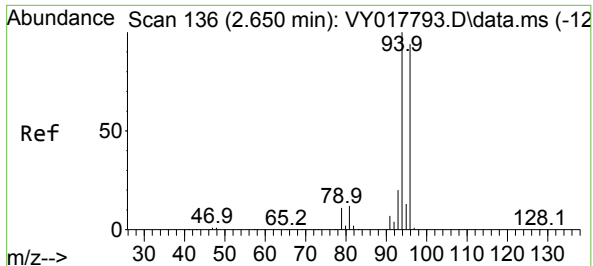
Tgt Ion: 50 Resp: 123

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#

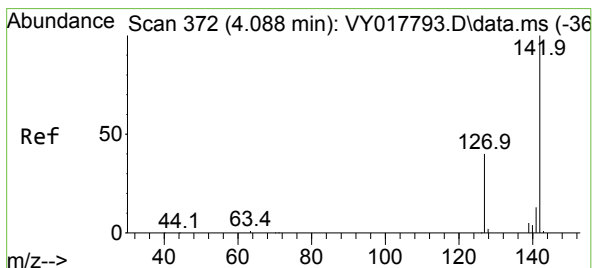
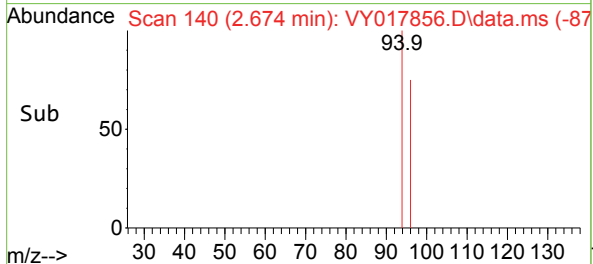
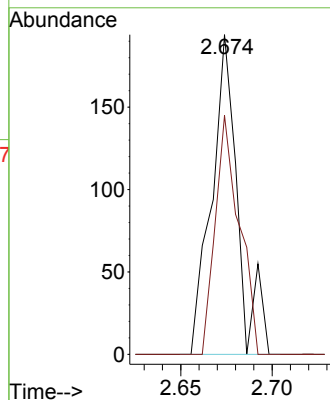
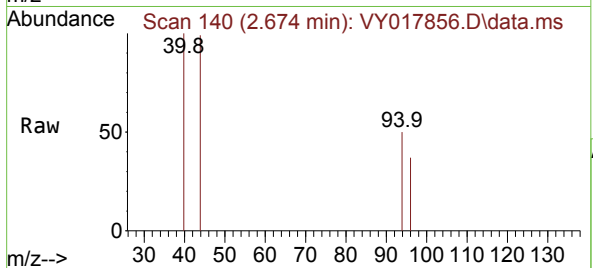




#5
Bromomethane
Concen: 2.169 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY017856.D
Acq: 04 Apr 2024 17:02

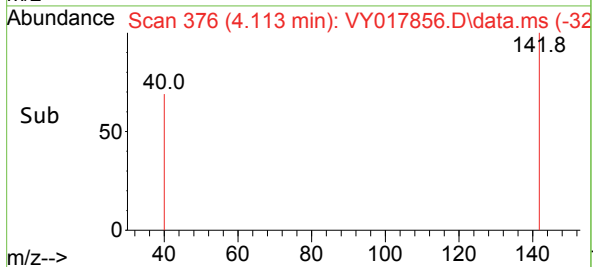
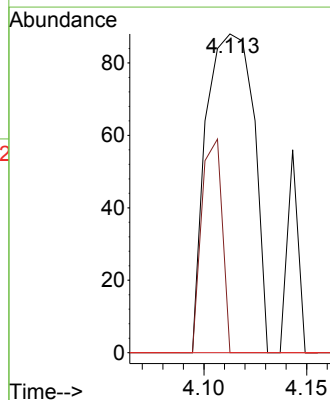
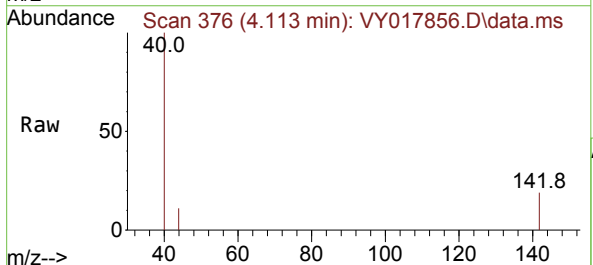
Instrument :
MSVOA_Y
ClientSampleId :
TP2

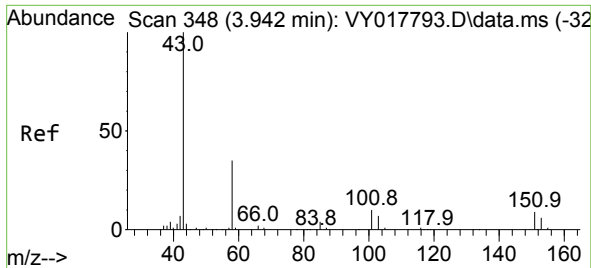
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 74.7 74.1 111.1



#10
Methyl Iodide
Concen: 2.025 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY017856.D
Acq: 04 Apr 2024 17:02

Tgt Ion: 142 Resp: 141
Ion Ratio Lower Upper
142 100
127 29.1 32.8 49.2#
141 0.0 11.4 17.2#





#16

Acetone

Concen: 5.922 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY017856.D

Acq: 04 Apr 2024 17:02

Instrument :

MSVOA_Y

ClientSampleId :

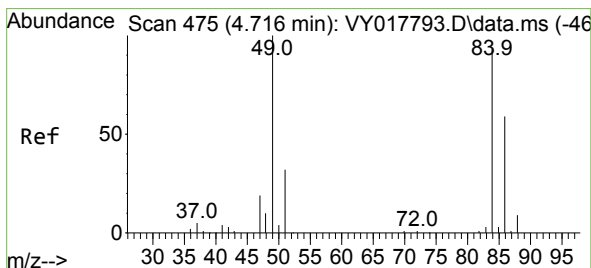
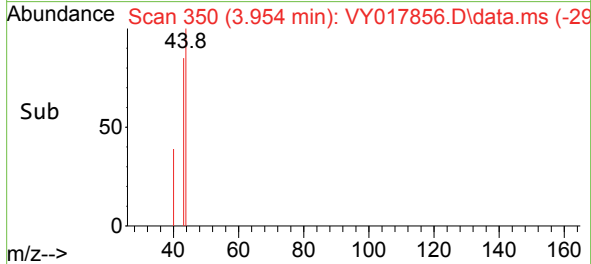
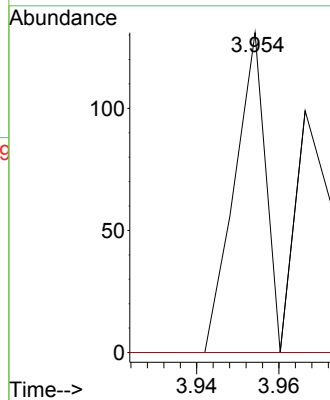
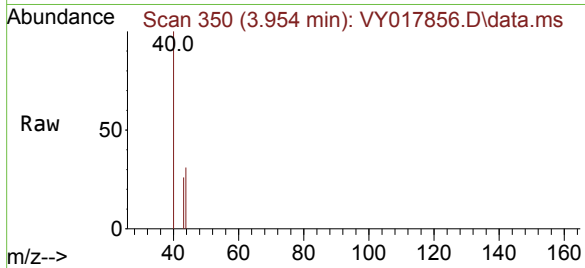
TP2

Tgt Ion: 43 Resp: 68

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 2.449 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY017856.D

Acq: 04 Apr 2024 17:02

Tgt Ion: 84 Resp: 350

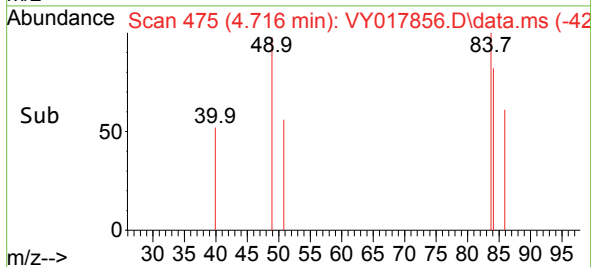
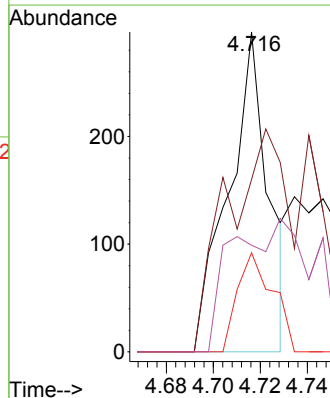
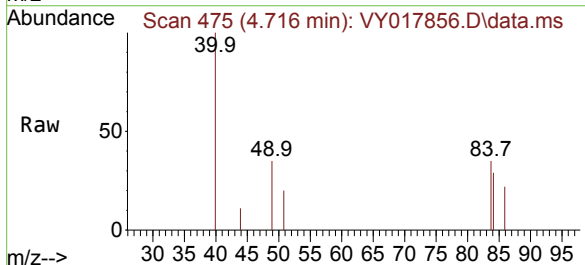
Ion Ratio Lower Upper

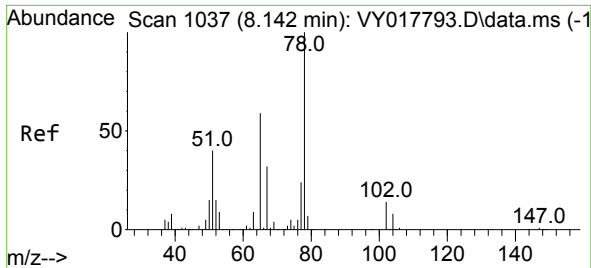
84 100

49 53.9 84.4 126.6#

51 31.0 26.0 39.0

86 33.3 49.5 74.3#

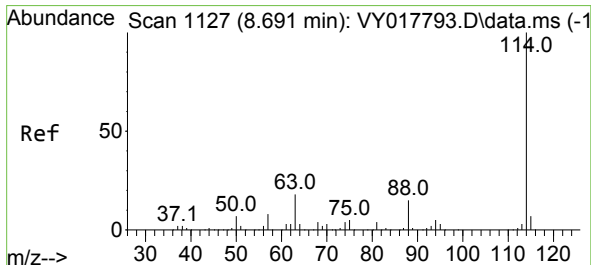
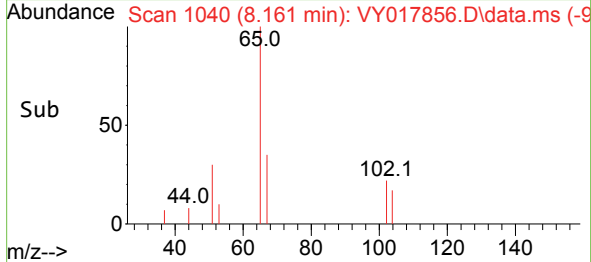
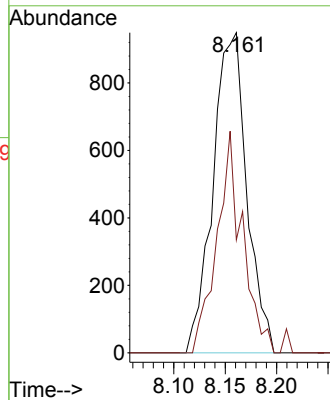
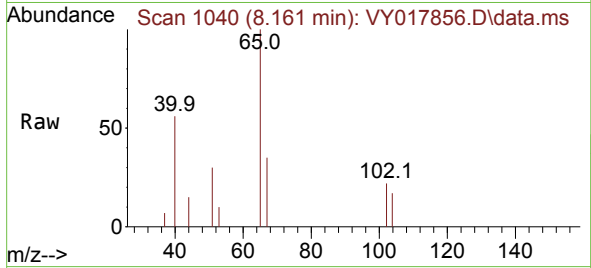




#33
 1,2-Dichloroethane-d4
 Concen: 39.067 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. 0.018 min
 Lab File: VY017856.D
 Acq: 04 Apr 2024 17:02

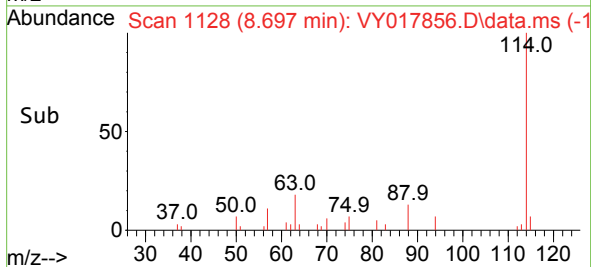
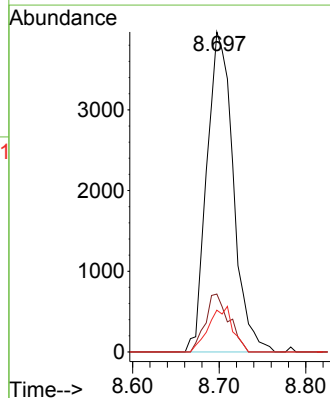
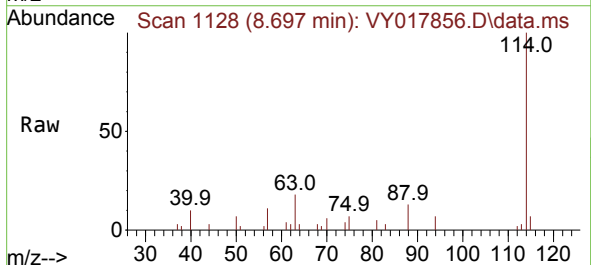
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2

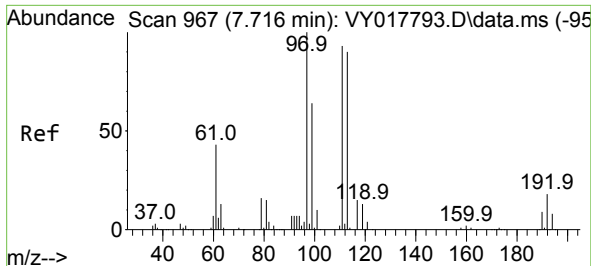
Tgt Ion: 65 Resp: 2170
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY017856.D
 Acq: 04 Apr 2024 17:02

Tgt Ion: 114 Resp: 8401
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.0
 88 13.1 0.0 27.2

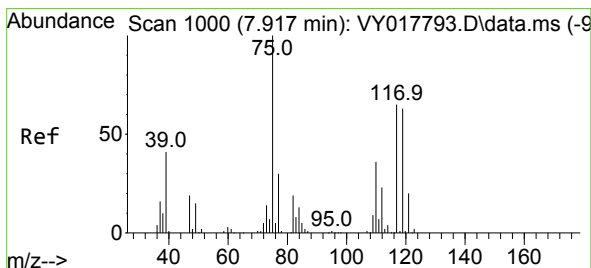
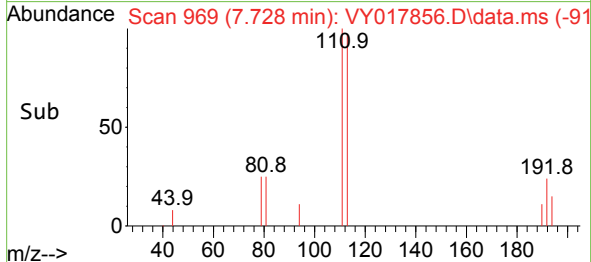
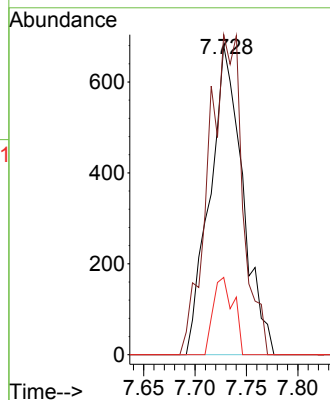
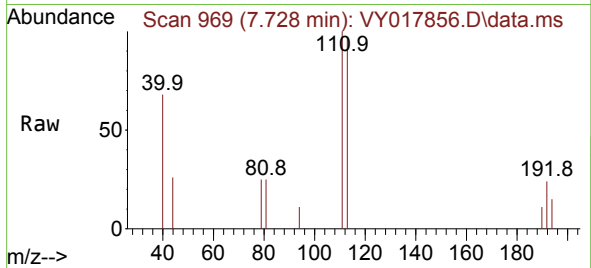




#35
Dibromofluoromethane
Concen: 31.105 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY017856.D
Acq: 04 Apr 2024 17:02

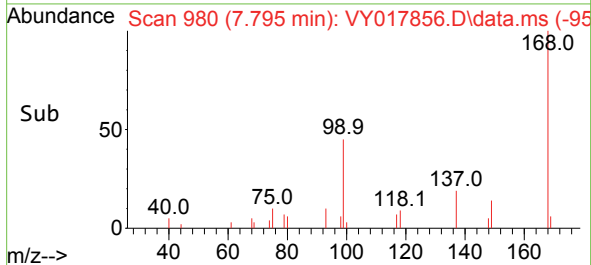
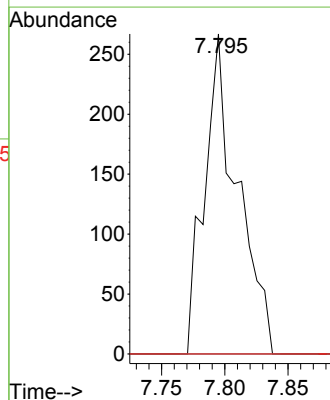
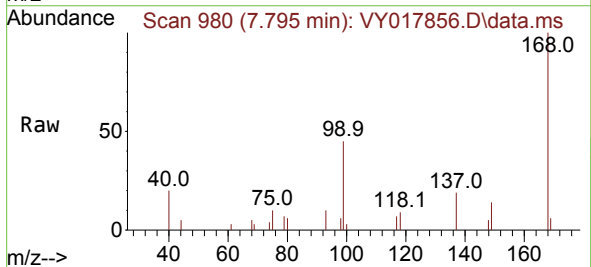
Instrument :
MSVOA_Y
ClientSampleId :
TP2

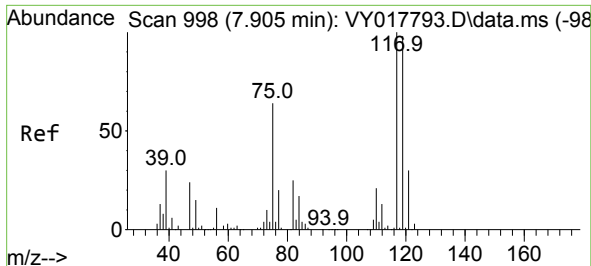
Tgt Ion:113 Resp: 1510
Ion Ratio Lower Upper
113 100
111 108.6 82.2 123.4
192 15.4 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 6.833 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017856.D
Acq: 04 Apr 2024 17:02

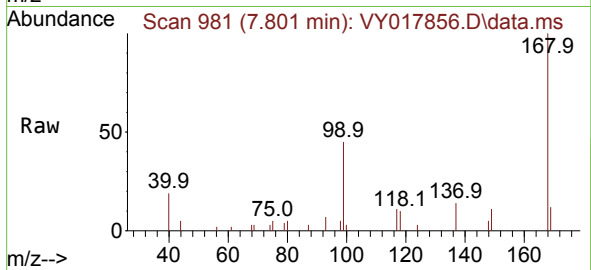
Tgt Ion: 75 Resp: 484
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



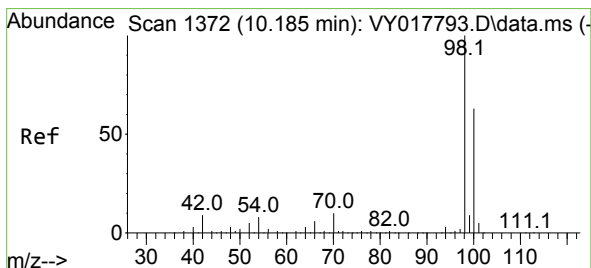
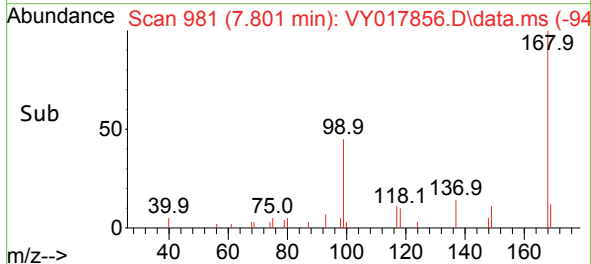
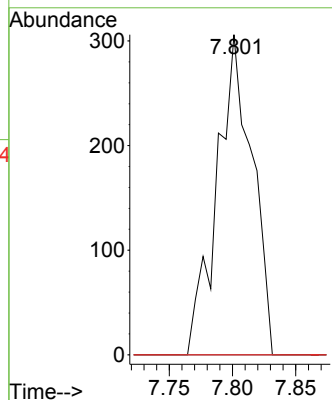


#38
Carbon Tetrachloride
Concen: 8.065 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017856.D
Acq: 04 Apr 2024 17:02

Instrument :
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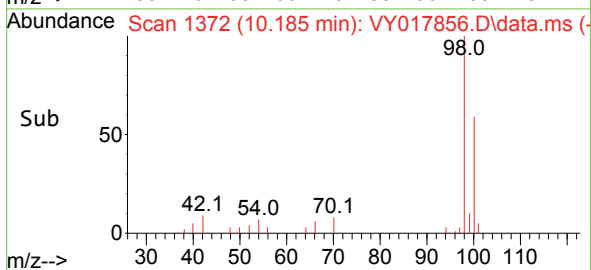
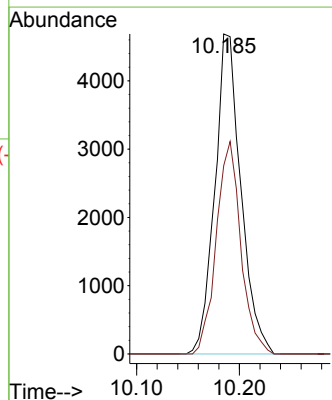
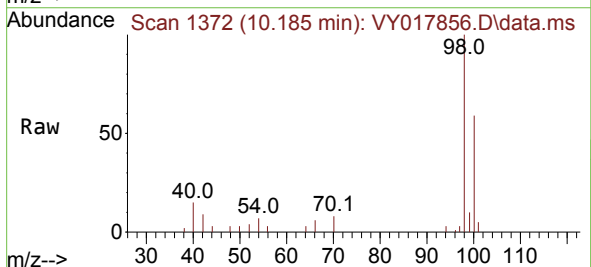


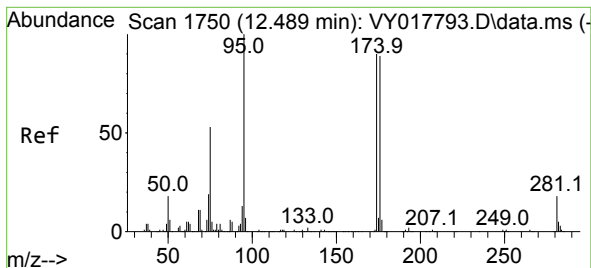
Tgt Ion:117 Resp: 593
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.501 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017856.D
Acq: 04 Apr 2024 17:02

Tgt Ion: 98 Resp: 8251
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 19.340 ug/l

RT: 12.495 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017856.D

Acq: 04 Apr 2024 17:02

Instrument :

MSVOA_Y

ClientSampleId :

TP2

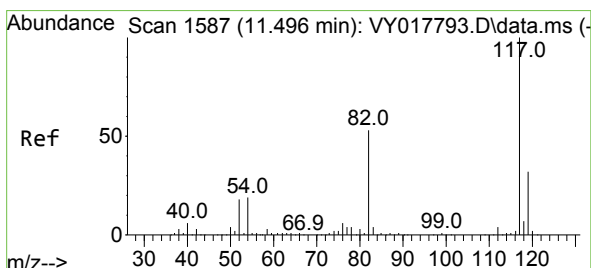
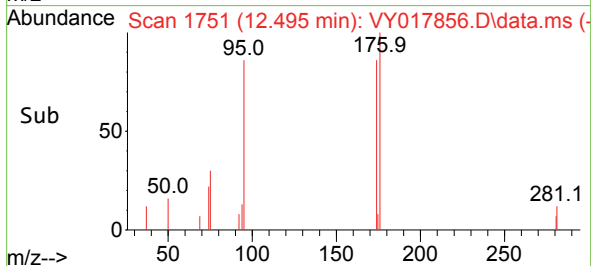
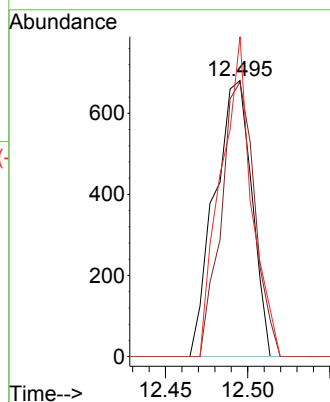
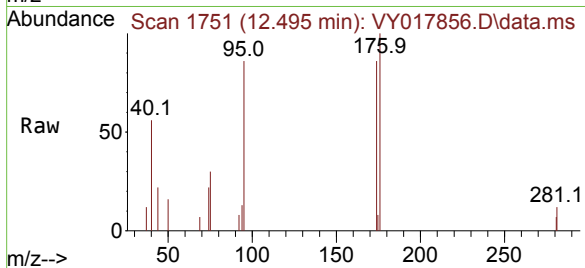
Tgt Ion: 95 Resp: 1067

Ion Ratio Lower Upper

95 100

174 90.0 0.0 175.6

176 96.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. 0.006 min

Lab File: VY017856.D

Acq: 04 Apr 2024 17:02

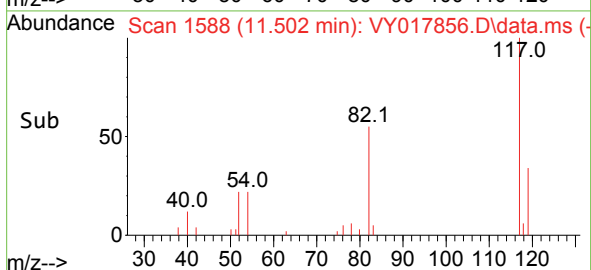
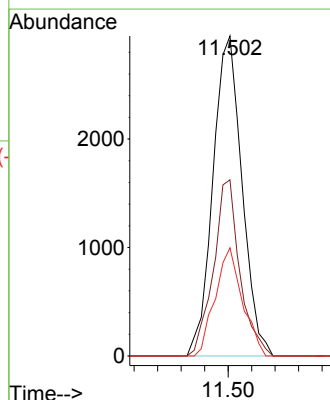
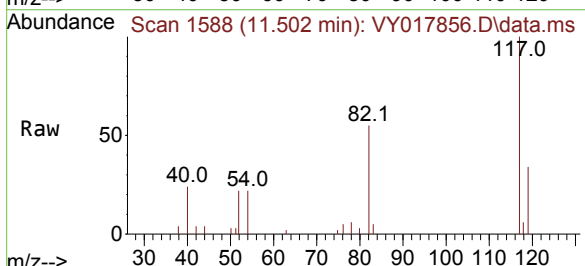
Tgt Ion: 117 Resp: 5057

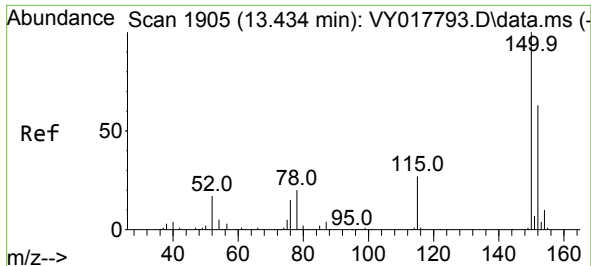
Ion Ratio Lower Upper

117 100

82 55.1 42.4 63.6

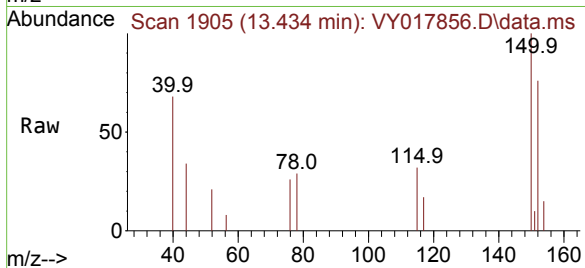
119 33.8 25.9 38.9



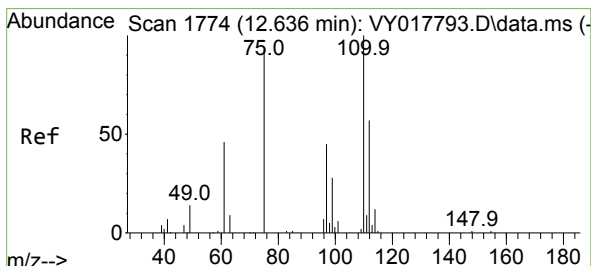
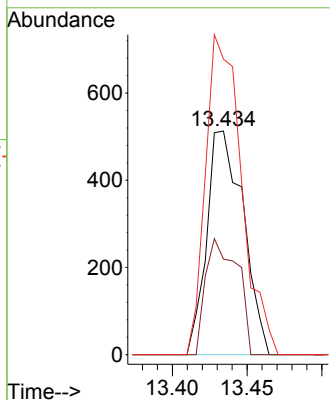
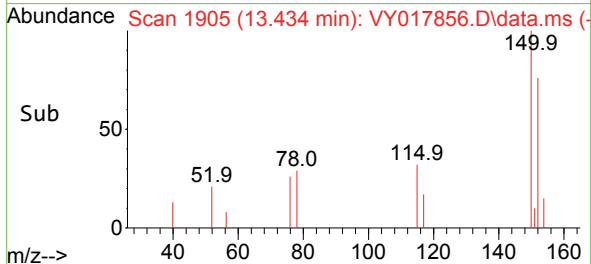


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017856.D
Acq: 04 Apr 2024 17:02

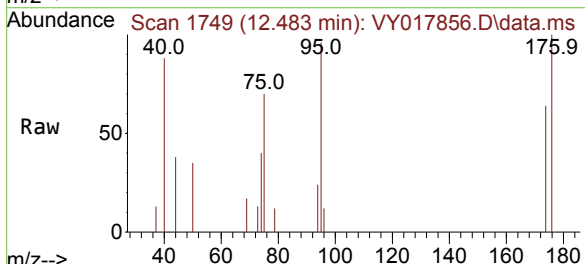
Instrument :
MSVOA_Y
ClientSampleId :
TP2



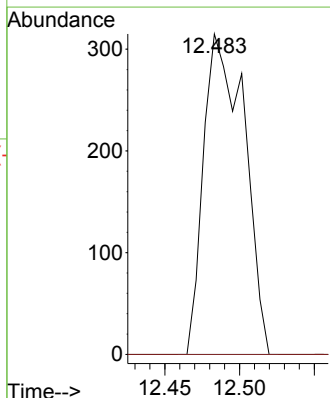
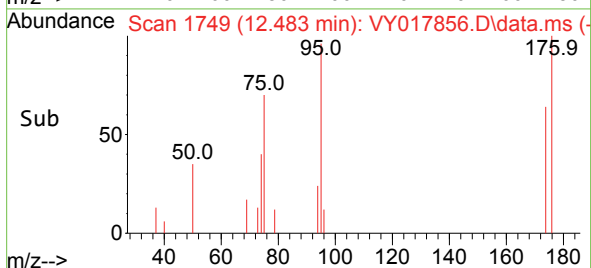
Tgt Ion:152 Resp: 870
Ion Ratio Lower Upper
152 100
115 45.4 28.2 84.7
150 140.6 0.0 345.6

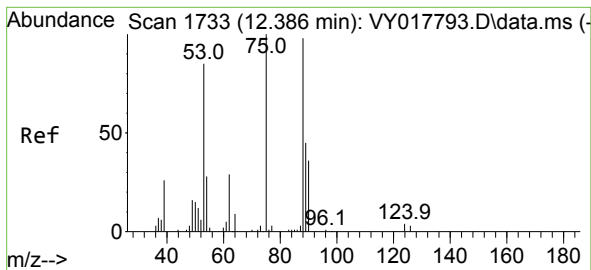


#76
1,2,3-Trichloropropane
Concen: 75.177 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017856.D
Acq: 04 Apr 2024 17:02



Tgt Ion: 75 Resp: 596
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.378 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017856.D
 Acq: 04 Apr 2024 17:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2

Tgt Ion: 75 Resp: 596
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

