

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017925.D
 Acq On : 12 Apr 2024 15:33
 Operator : SY/MD
 Sample : P2091-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 13 00:35:40 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)

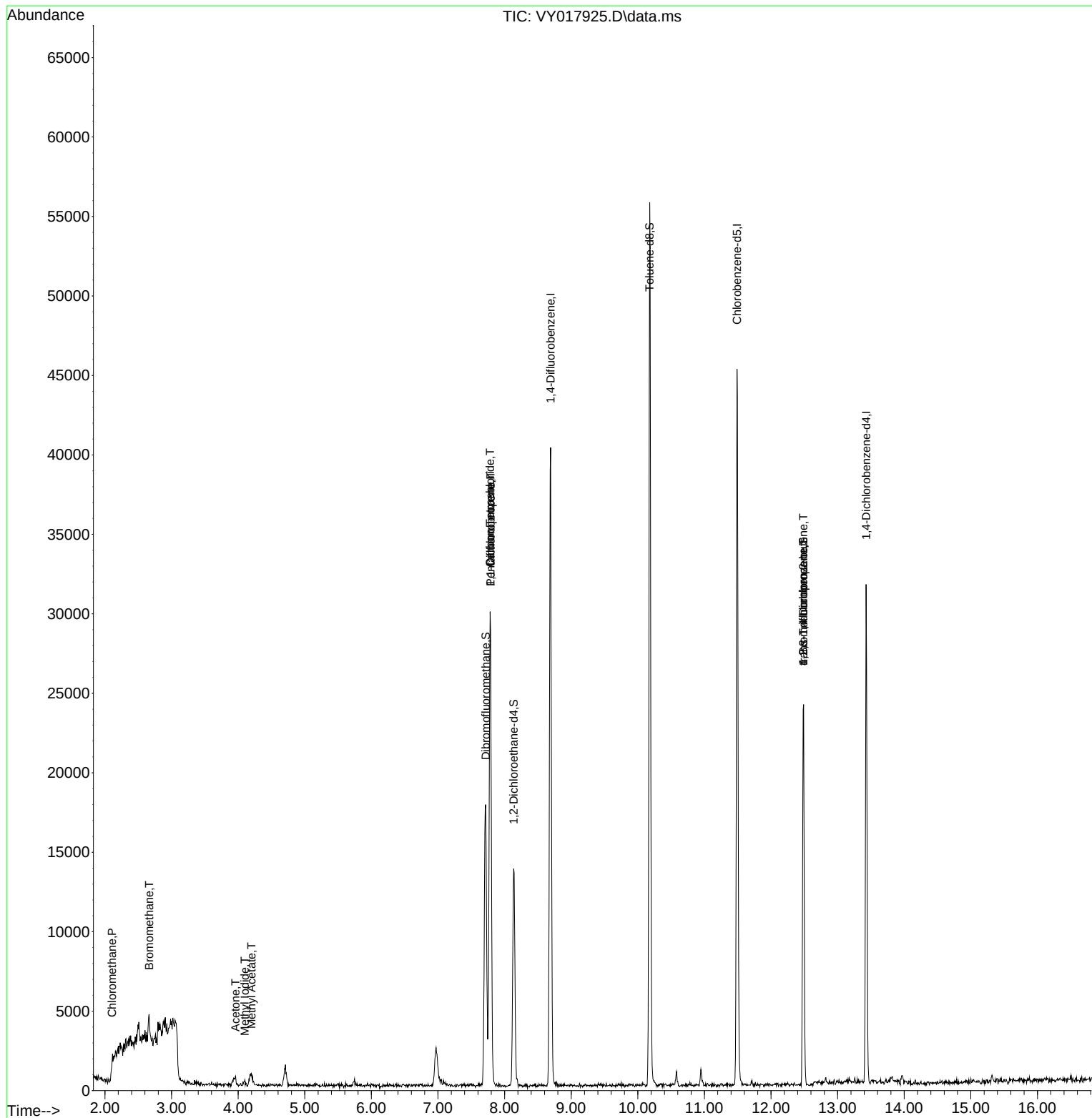
Internal Standards						
1) Pentafluorobenzene	7.789	168	23835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	35728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11022	53.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.88%			
35) Dibromofluoromethane	7.716	113	13159	63.74	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.48%			
50) Toluene-d8	10.179	98	37920	49.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.34%			
62) 4-Bromofluorobenzene	12.483	95	6866	29.26	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 58.52%			
Target Compounds						Qvalue
3) Chloromethane	2.107	50	328	1.05	ug/l #	43
5) Bromomethane	2.662	94	860	2.62	ug/l	88
10) Methyl Iodide	4.100	142	441	1.71	ug/l #	53
16) Acetone	3.960	43	1088	25.52	ug/l	95
18) Methyl Acetate	4.198	43	290	3.07	ug/l #	46
36) 1,1-Dichloropropene	7.789	75	2047	6.80	ug/l #	44
38) Carbon Tetrachloride	7.783	117	2295	7.34	ug/l #	17
51) 4-Methyl-2-Pentanone	10.063	43	89	Below Cal	#	31
74) N-amyl acetate	12.239	43	28	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.483	75	3561	46.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3561	93.59	ug/l #	16

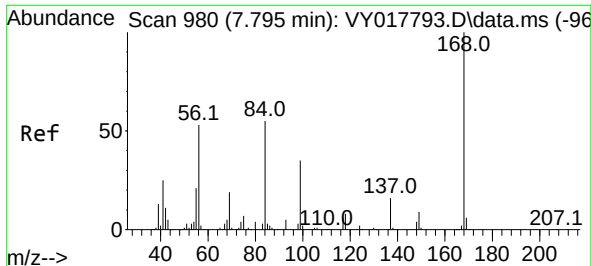
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
Data File : VY017925.D
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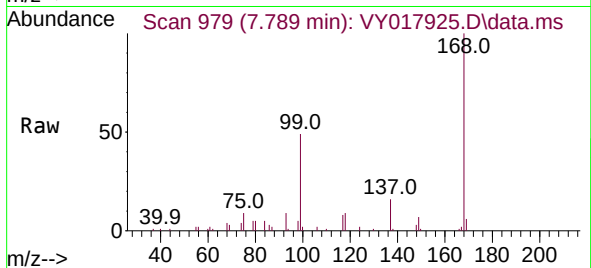
Quant Time: Apr 13 00:35:40 2024
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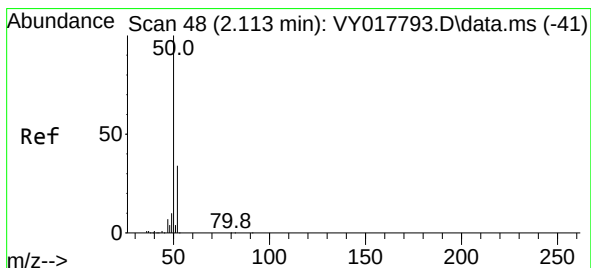
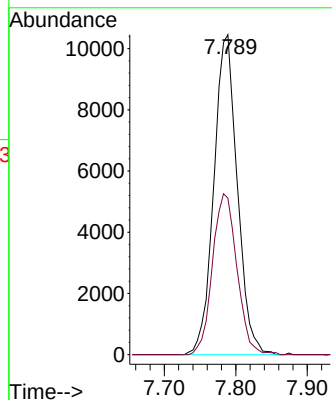
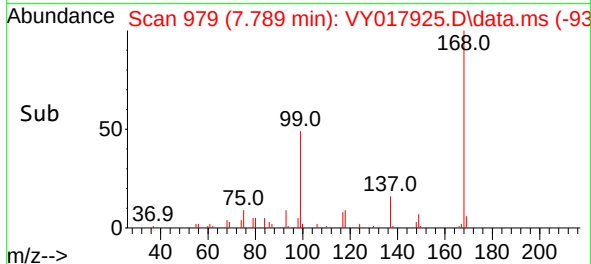


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

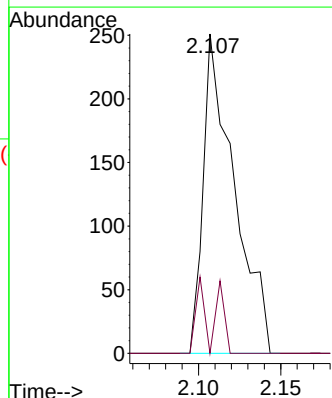
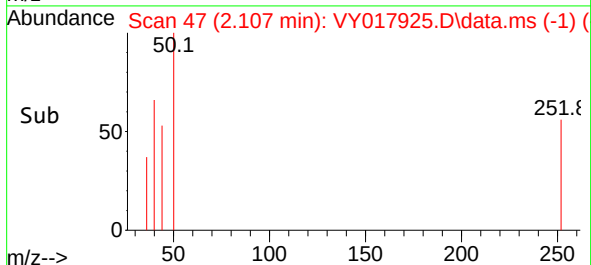
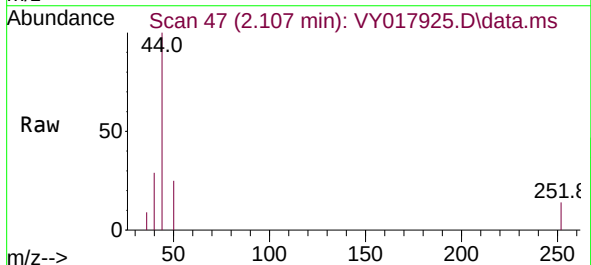


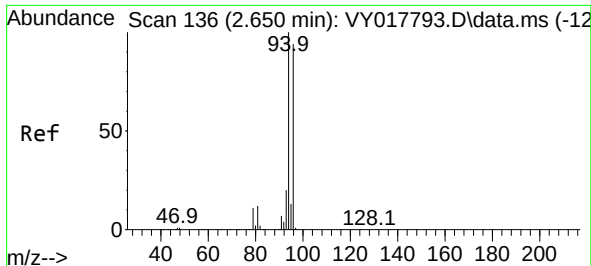
Tgt Ion:168 Resp: 23835
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#3
Chloromethane
Concen: 1.05 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

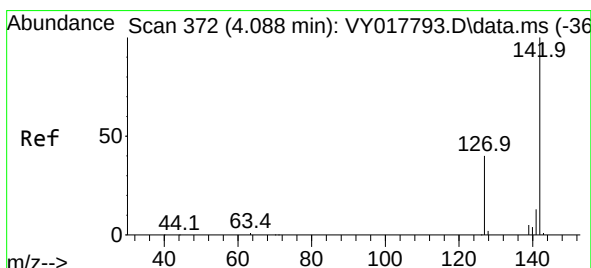
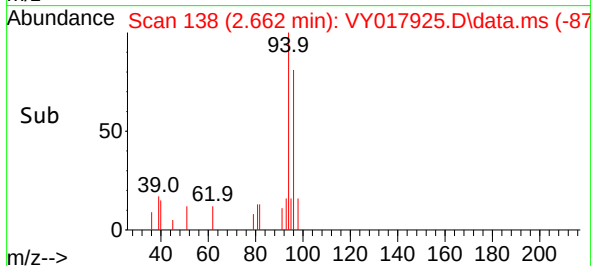
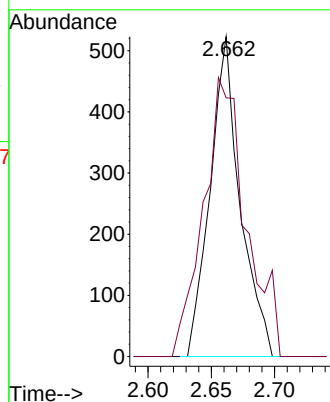
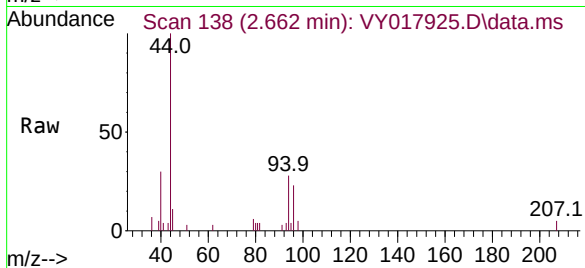




#5
Bromomethane
Concen: 2.62 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

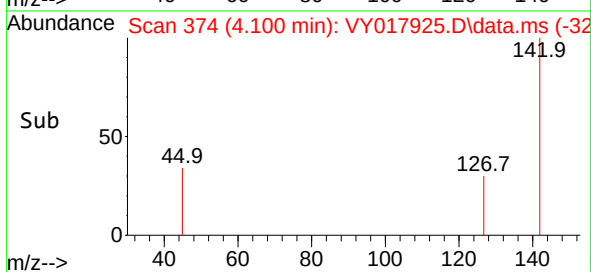
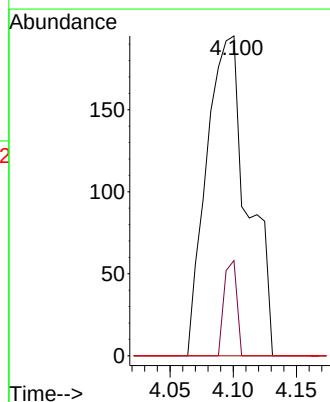
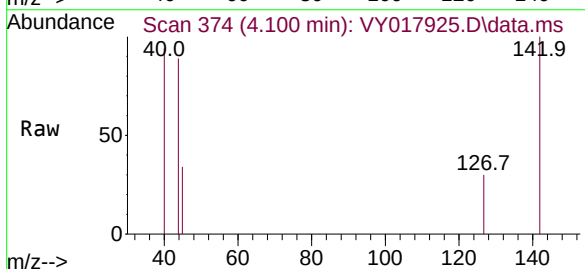
Instrument :
MSVOA_Y
ClientSampleId :

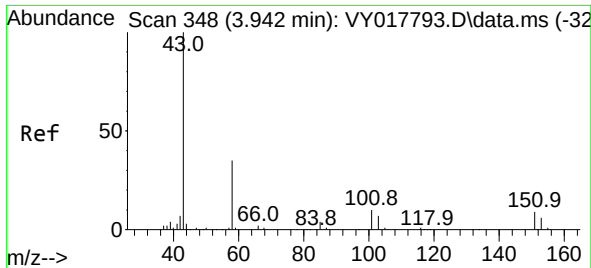
Tgt Ion: 94 Resp: 860
Ion Ratio Lower Upper
94 100
96 80.9 74.1 111.1



#10
Methyl Iodide
Concen: 1.71 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

Tgt Ion: 142 Resp: 441
Ion Ratio Lower Upper
142 100
127 9.1 32.8 49.2#
141 0.0 11.4 17.2#

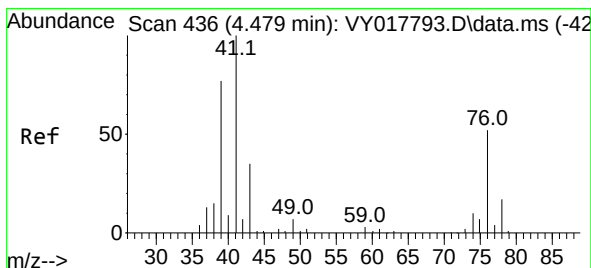
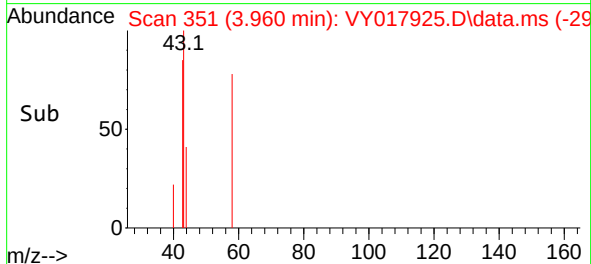
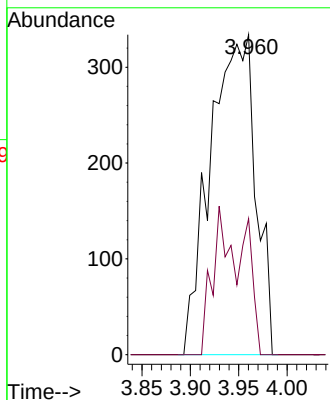
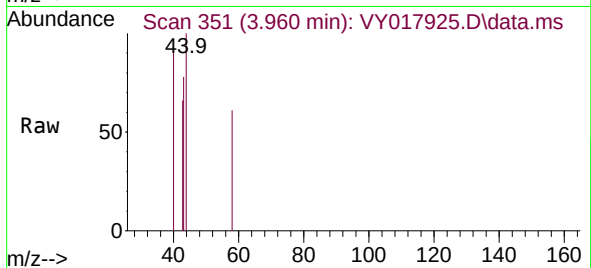




#16
Acetone
Concen: 25.52 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

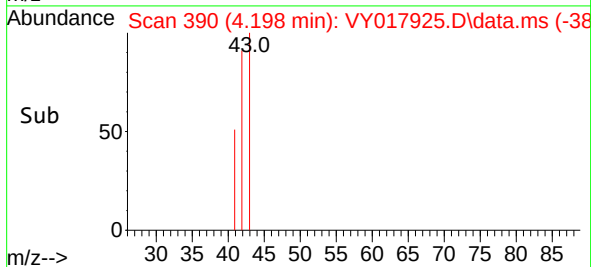
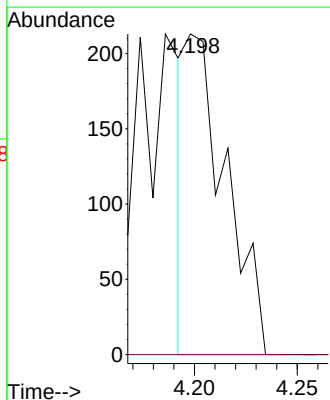
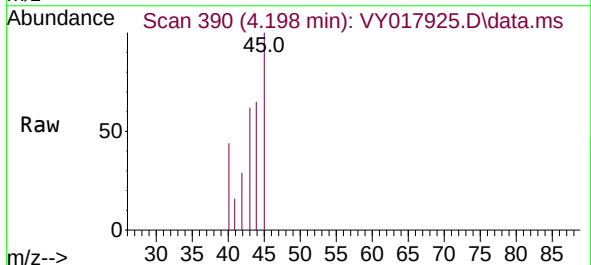
Instrument :
MSVOA_Y
ClientSampleId :

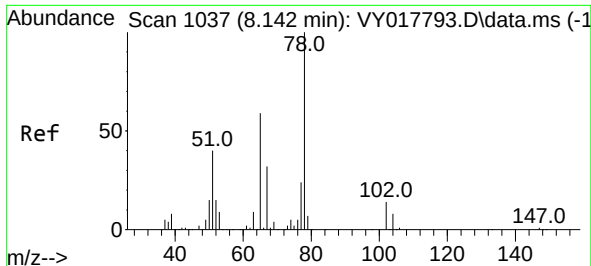
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 42.5 31.7 47.5



#18
Methyl Acetate
Concen: 3.07 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.280 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#





#33

1,2-Dichloroethane-d4

Concen: 53.44 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY017925.D

Acq: 12 Apr 2024 15:33

Instrument :

MSVOA_Y

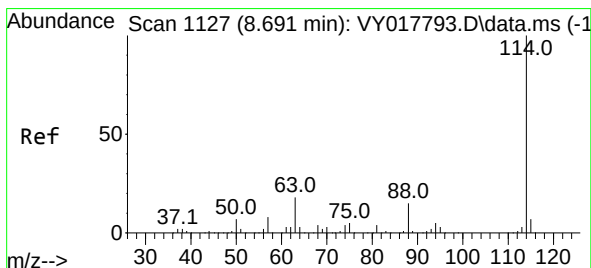
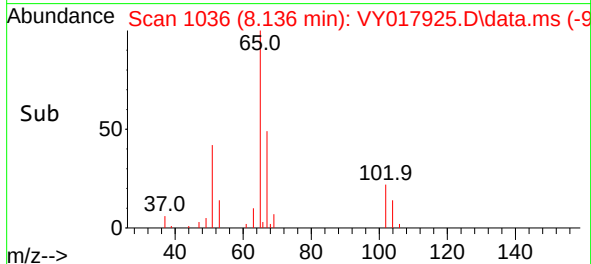
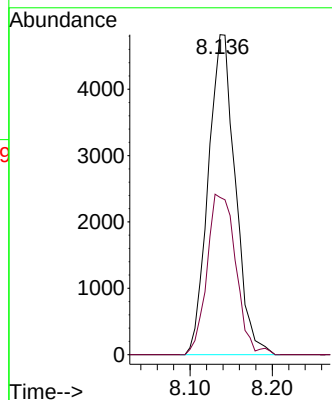
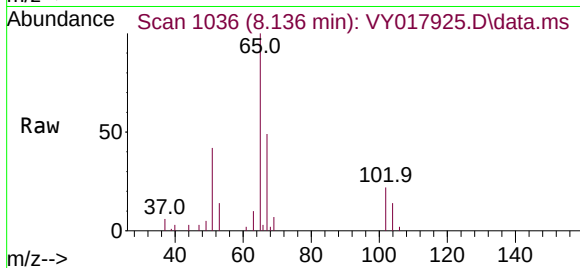
ClientSampleId :

Tgt Ion: 65 Resp: 11022

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017925.D

Acq: 12 Apr 2024 15:33

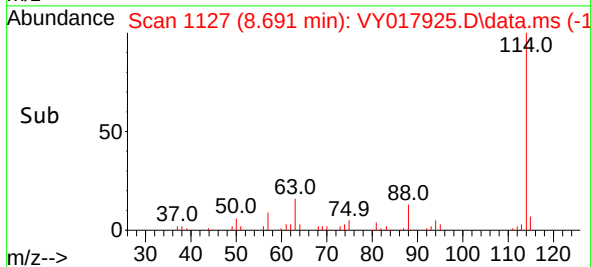
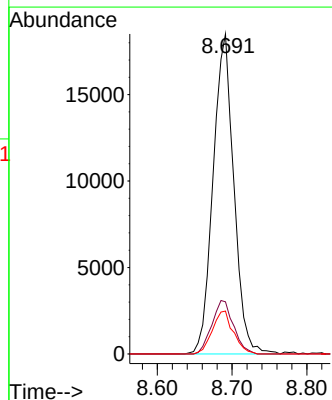
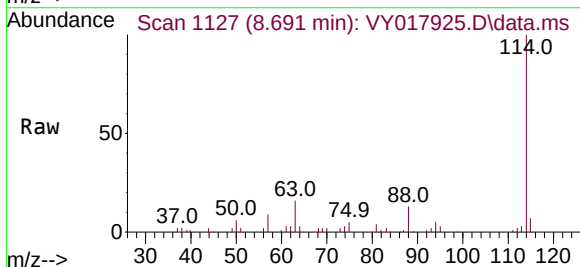
Tgt Ion:114 Resp: 35728

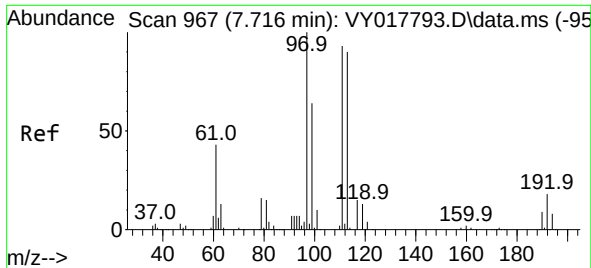
Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

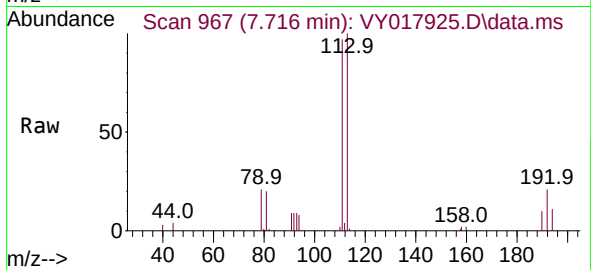
88 13.4 0.0 27.2



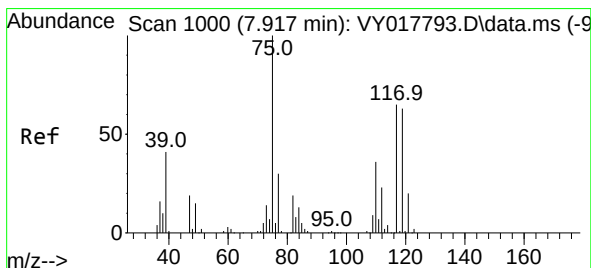
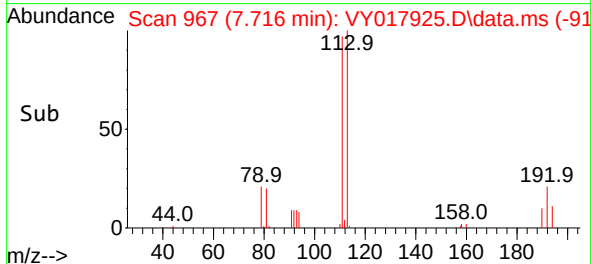
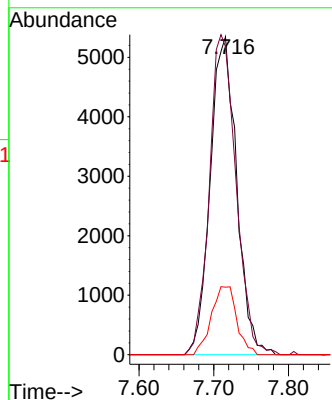


#35
Dibromofluoromethane
Concen: 63.74 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

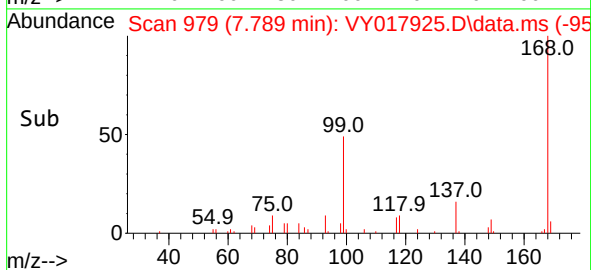
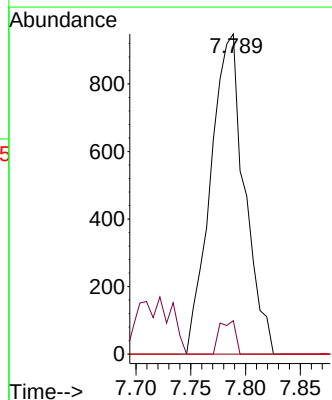
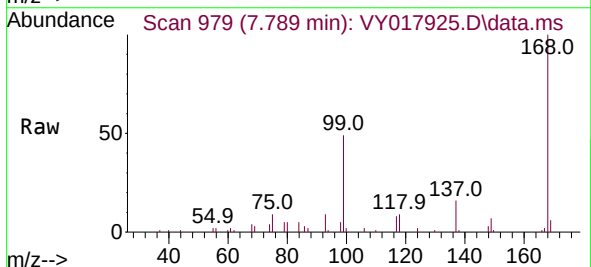


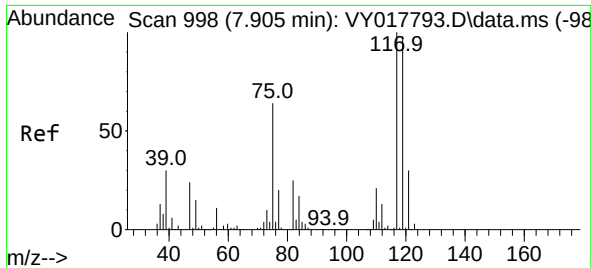
Tgt Ion:113 Resp: 13159
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.80 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

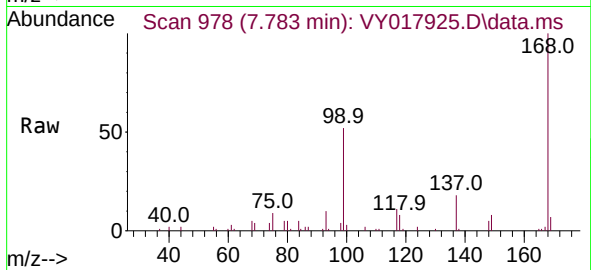
Tgt Ion: 75 Resp: 2047
Ion Ratio Lower Upper
75 100
110 4.9 19.0 57.0#
77 0.0 25.3 37.9#



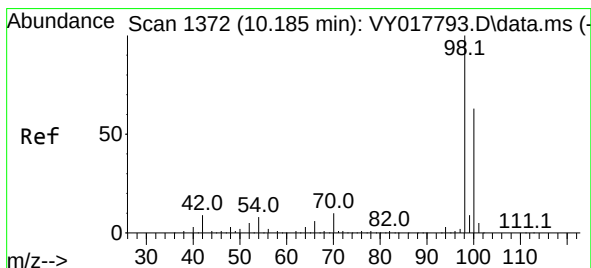
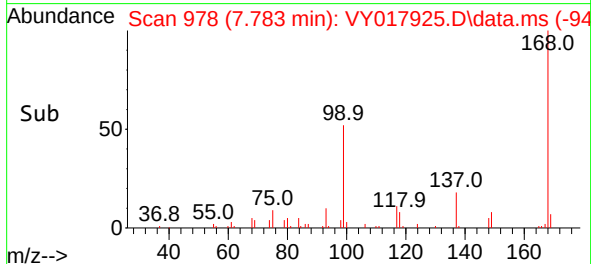
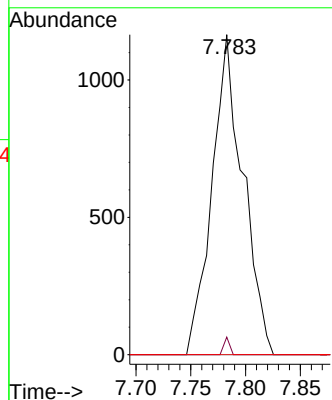


#38
Carbon Tetrachloride
Concen: 7.34 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

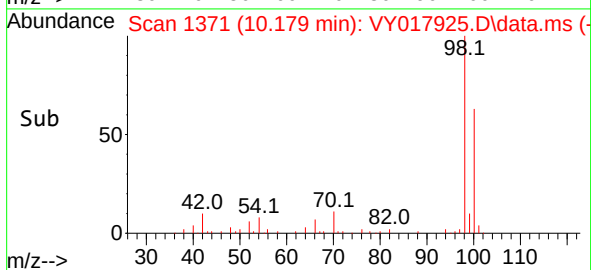
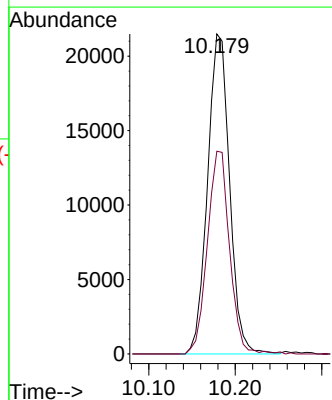
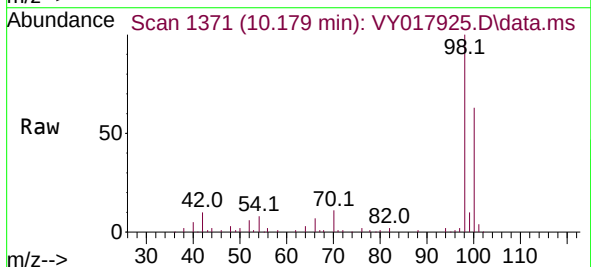


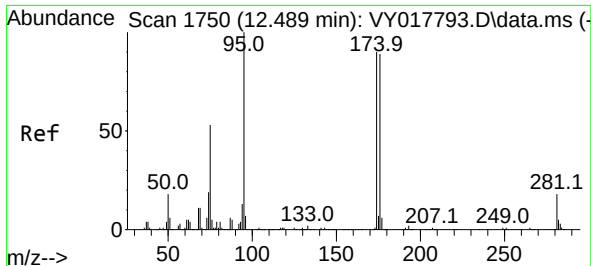
Tgt Ion:117 Resp: 2295
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.17 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

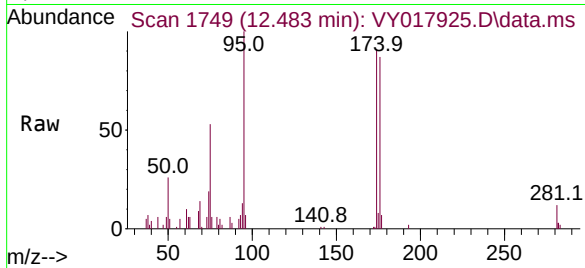
Tgt Ion: 98 Resp: 37920
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



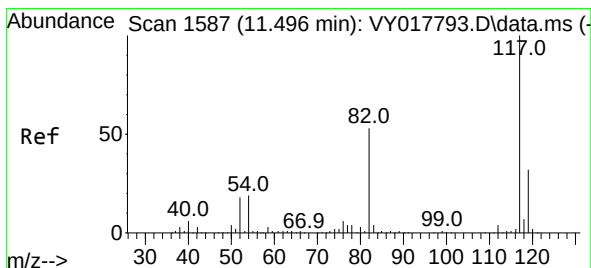
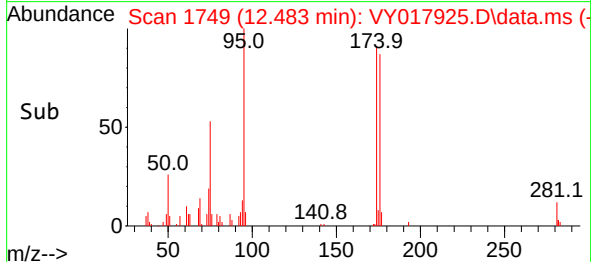
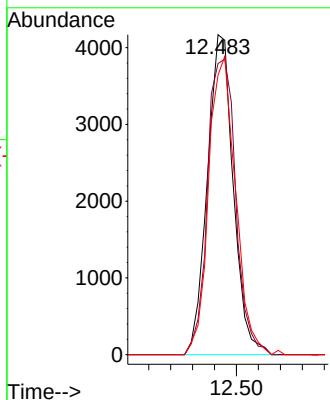


#62
4-Bromofluorobenzene
Concen: 29.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

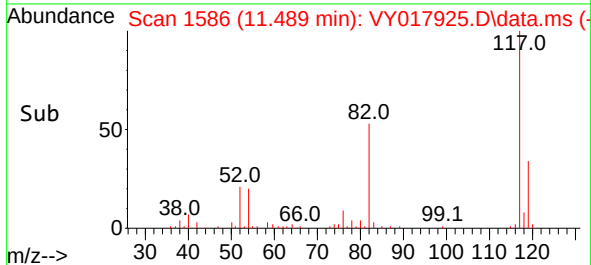
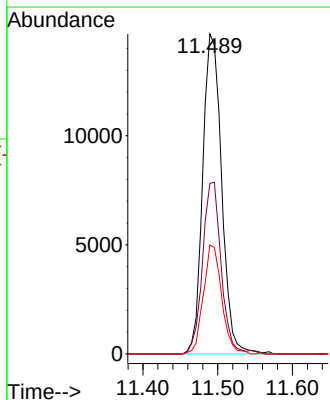
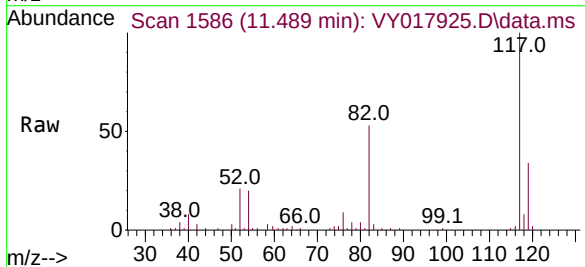


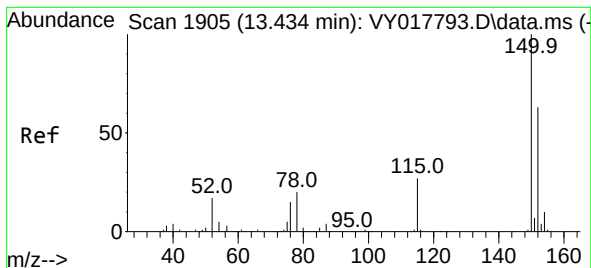
Tgt Ion: 95 Resp: 6866
Ion Ratio Lower Upper
95 100
174 99.9 0.0 175.6
176 96.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017925.D
Acq: 12 Apr 2024 15:33

Tgt Ion: 117 Resp: 25826
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 34.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY017925.D

Acq: 12 Apr 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

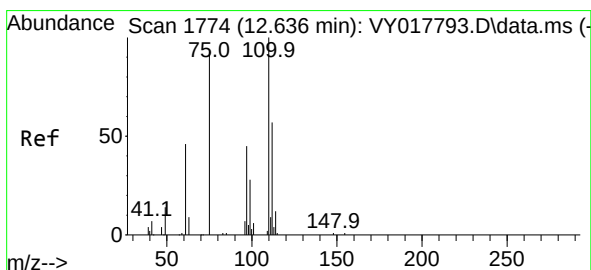
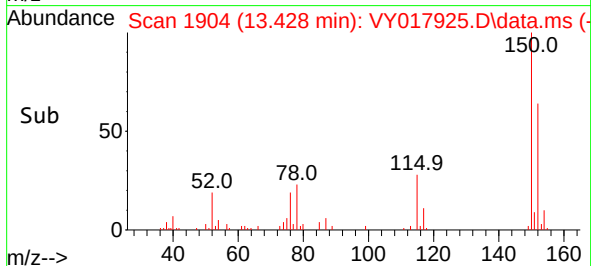
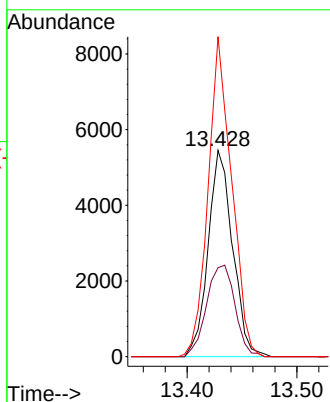
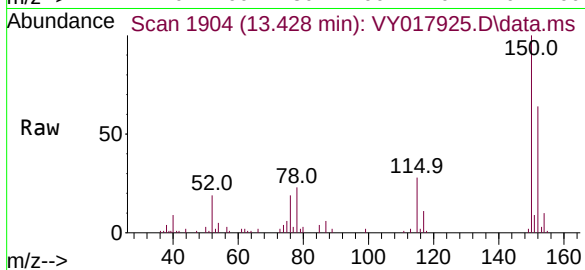
Tgt Ion:152 Resp: 8472

Ion Ratio Lower Upper

152 100

115 51.5 28.2 84.7

150 149.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 46.13 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017925.D

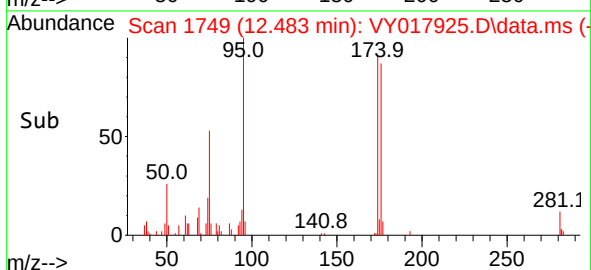
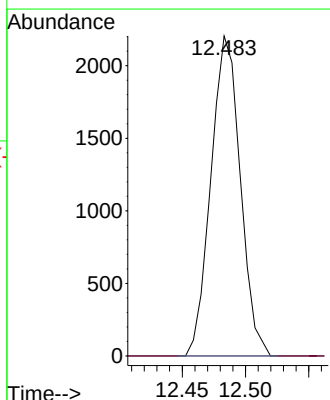
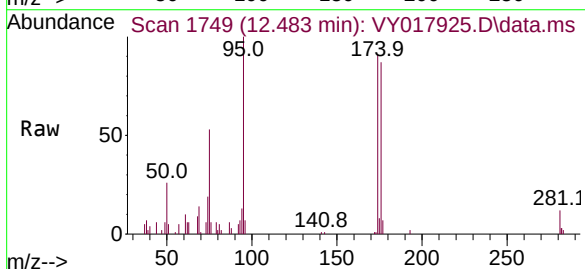
Acq: 12 Apr 2024 15:33

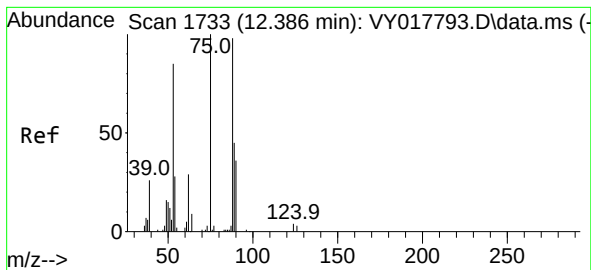
Tgt Ion: 75 Resp: 3561

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.59 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017925.D
 Acq: 12 Apr 2024 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 3561
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

