

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005572.D
 Acq On : 06 Aug 2021 15:49
 Operator : SY/MD
 Sample : M3307-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 07 06:19:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

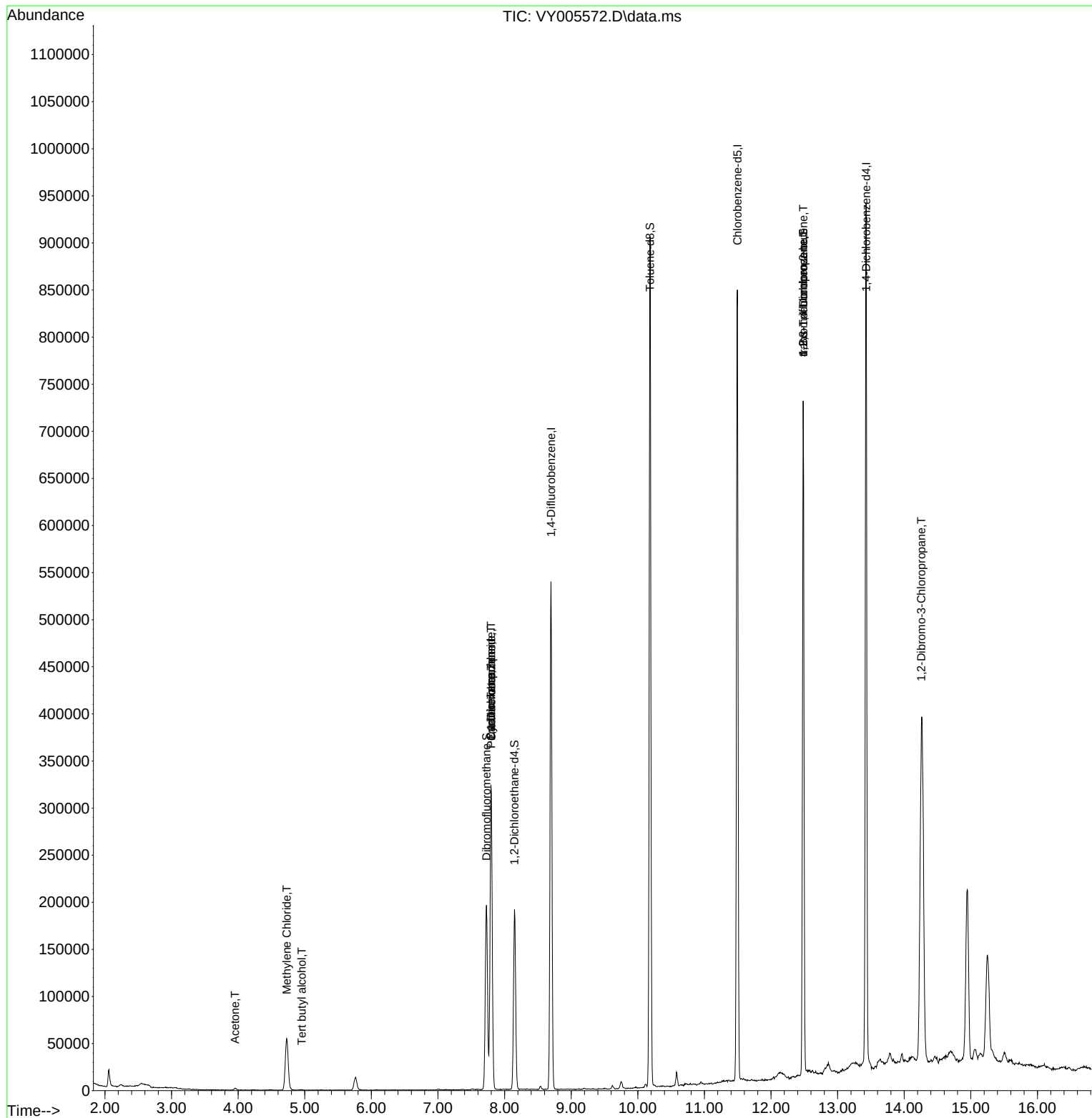
Internal Standards						
1) Pentafluorobenzene	7.801	168	265193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	448872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	456806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	234244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155694	57.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.000%	
35) Dibromofluoromethane	7.728	113	134763	53.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.240%	
50) Toluene-d8	10.185	98	582306	55.248	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.500%	
62) 4-Bromofluorobenzene	12.483	95	212311	60.829	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	812	3.060	ug/l #	73
16) Acetone	3.954	43	3105	4.588	ug/l	99
20) Methylene Chloride	4.728	84	41480	10.695	ug/l	90
31) Cyclohexane	7.795	56	5164	1.122	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	18991	4.511	ug/l #	49
38) Carbon Tetrachloride	7.795	117	24212	5.291	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	112122	46.189	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	112122	93.112	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.257	75	6536	10.963	ug/l #	8

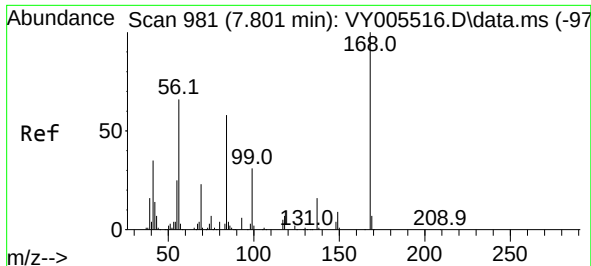
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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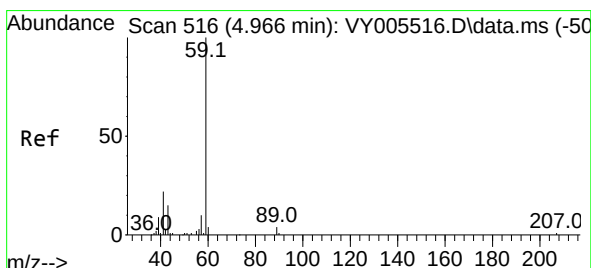
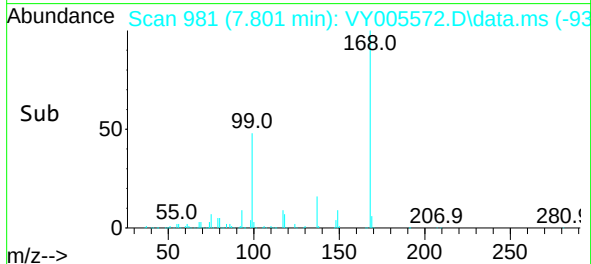
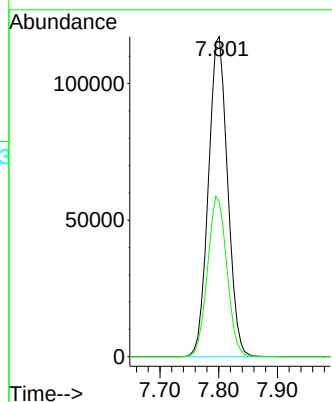
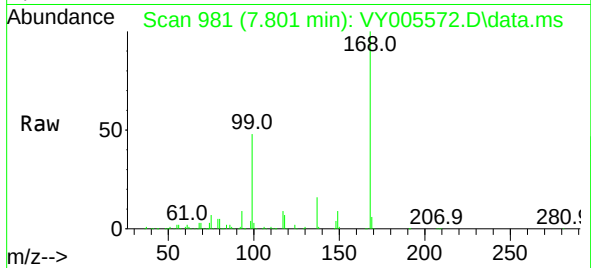




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

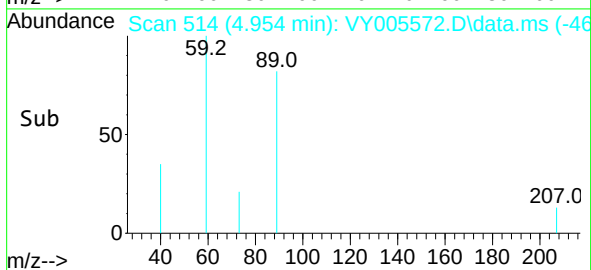
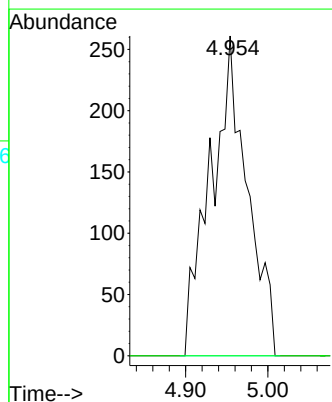
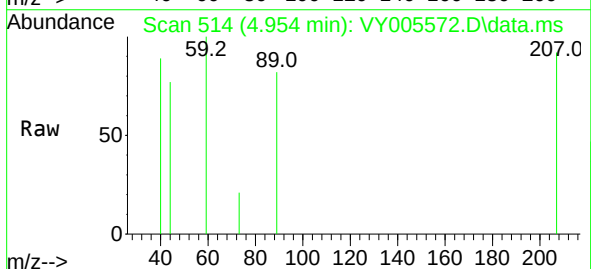
Instrument :
MSVOA_Y
ClientSampled :

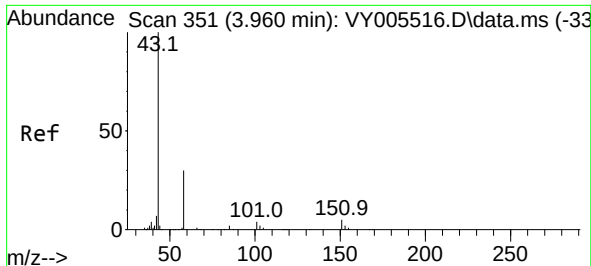
Tgt Ion:168 Resp: 265193
Ion Ratio Lower Upper
168 100
99 48.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.060 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

Tgt Ion: 59 Resp: 812
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

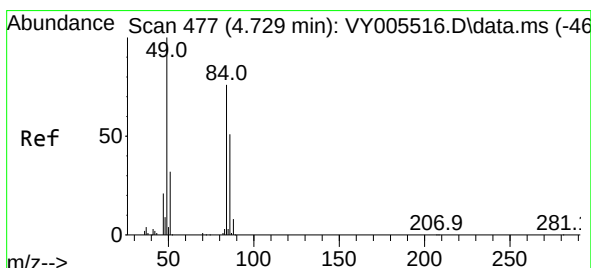
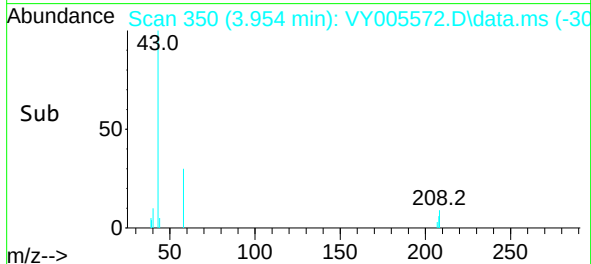
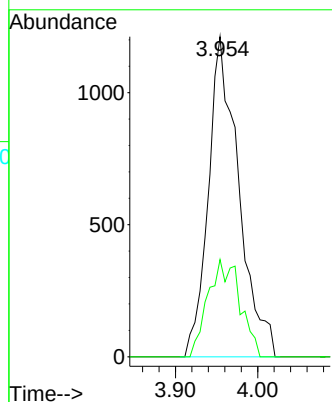
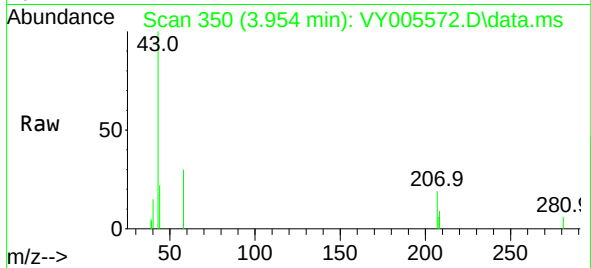




#16
Acetone
Concen: 4.588 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

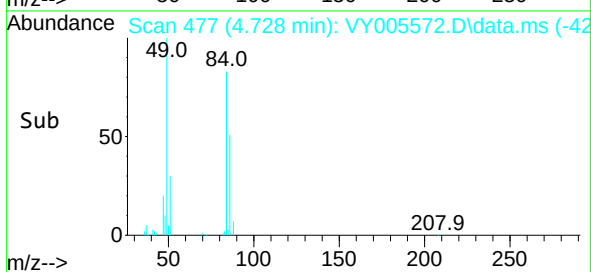
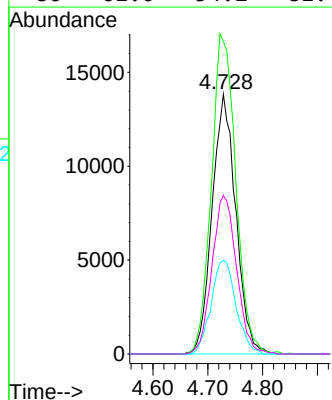
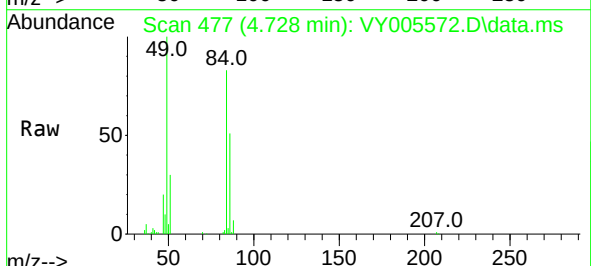
Instrument :
MSVOA_Y
ClientSampleId :

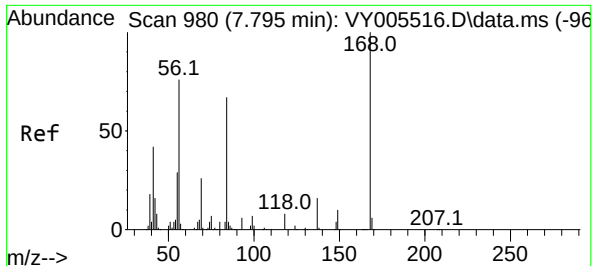
Tgt Ion: 43 Resp: 3105
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.6



#20
Methylene Chloride
Concen: 10.695 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

Tgt Ion: 84 Resp: 41480
Ion Ratio Lower Upper
84 100
49 120.2 105.8 158.6
51 36.0 33.4 50.2
86 61.0 54.2 81.4

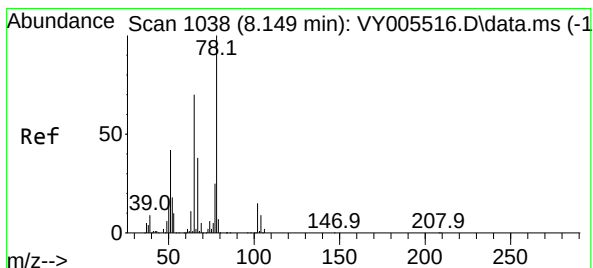
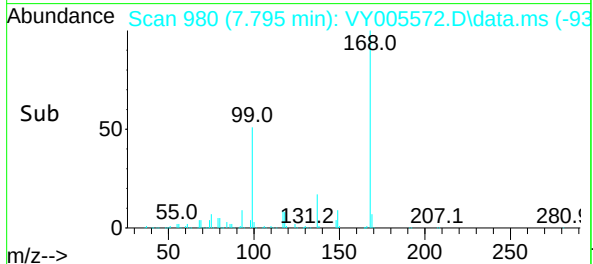
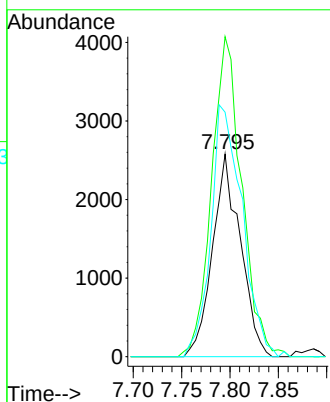
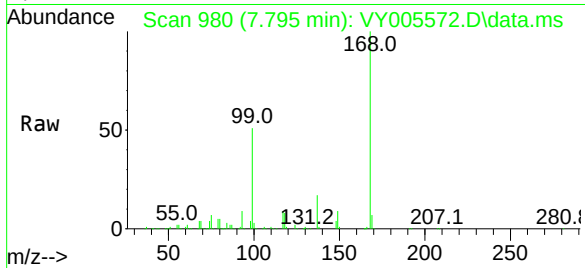




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

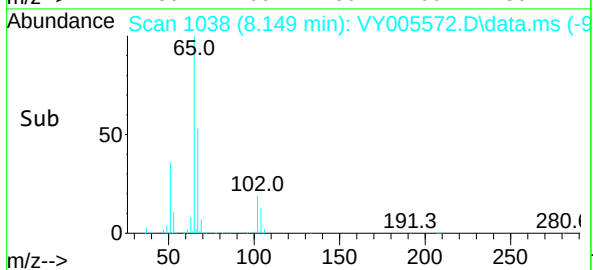
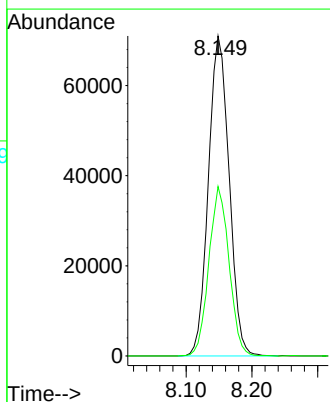
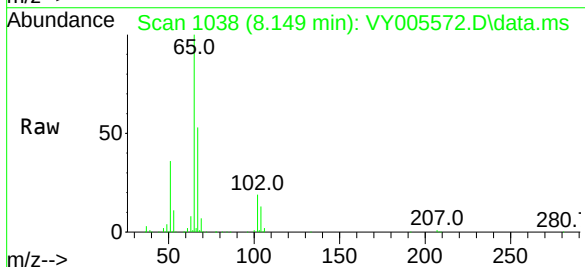
Instrument :
MSVOA_Y
ClientSampled :

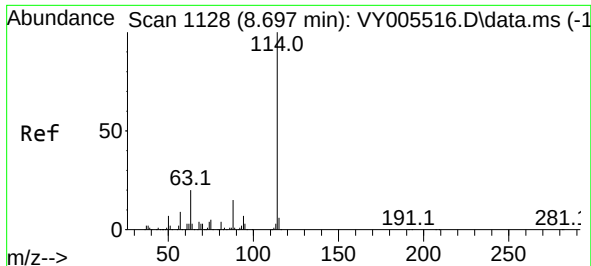
Tgt Ion: 56 Resp: 5164
Ion Ratio Lower Upper
56 100
69 157.9 27.7 41.5#
84 120.6 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 57.999 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

Tgt Ion: 65 Resp: 155694
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

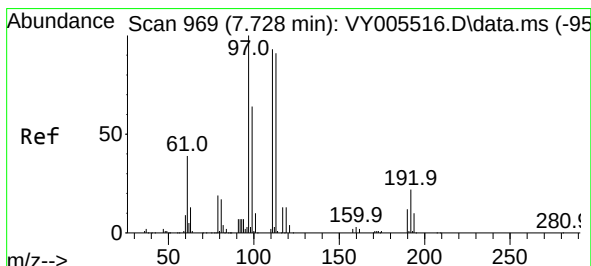
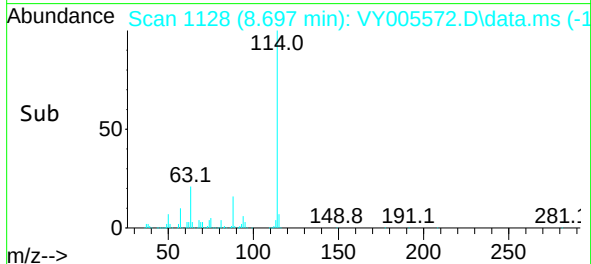
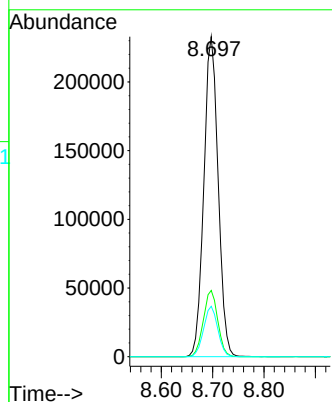
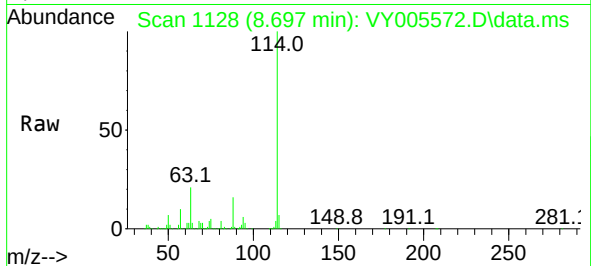




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

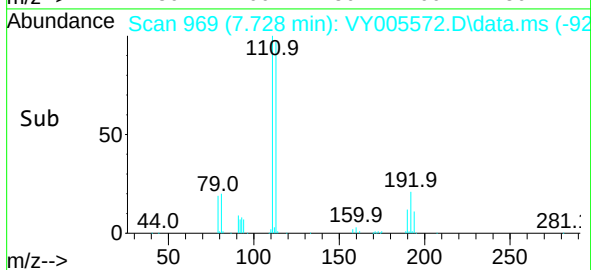
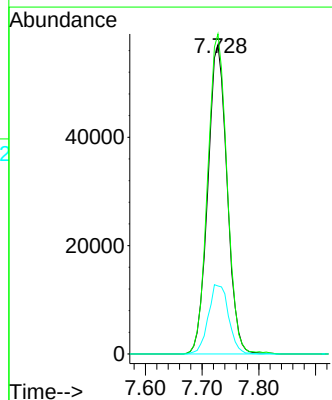
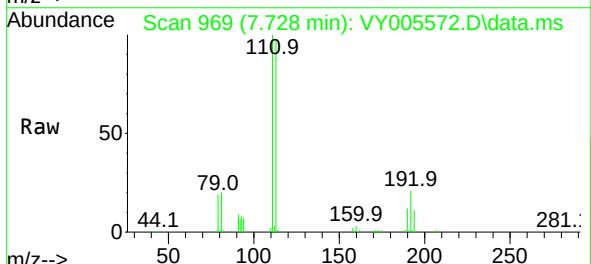
Instrument :
MSVOA_Y
ClientSampleId :

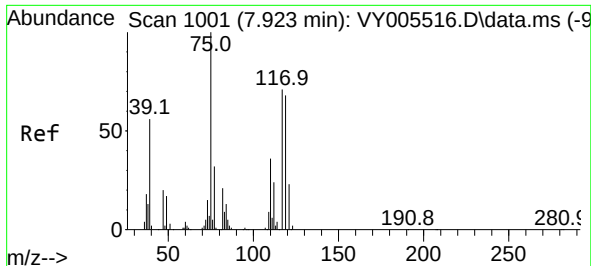
Tgt Ion:114 Resp: 448872
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.2
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.624 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

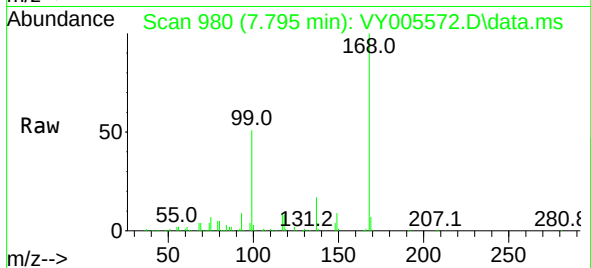
Tgt Ion:113 Resp: 134763
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 23.6 19.2 28.8



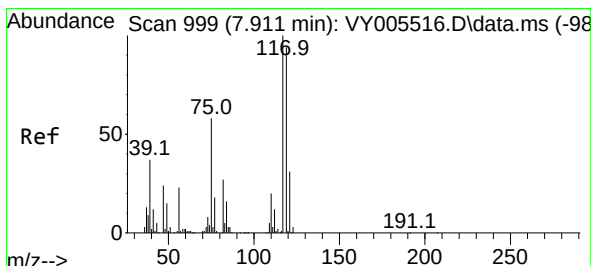
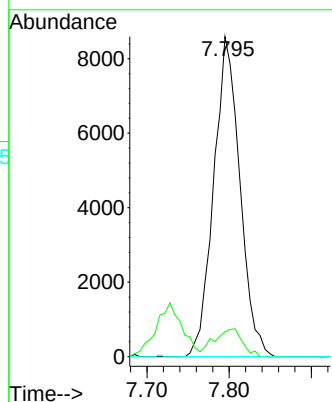
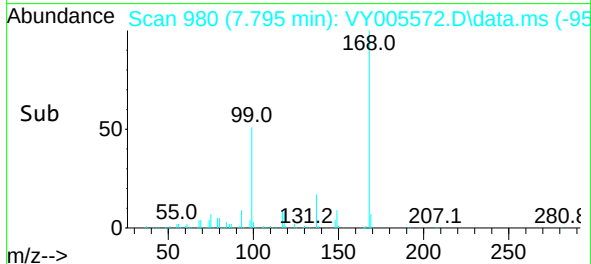


#36
 1,1-Dichloropropene
 Concen: 4.511 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005572.D
 Acq: 06 Aug 2021 15:49

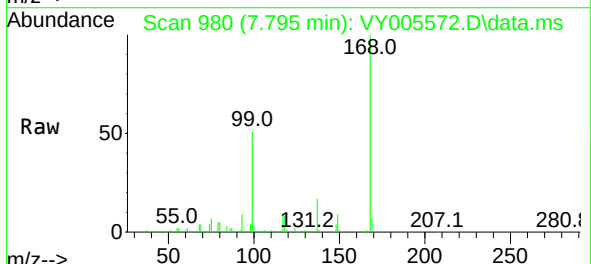
Instrument :
 MSVOA_Y
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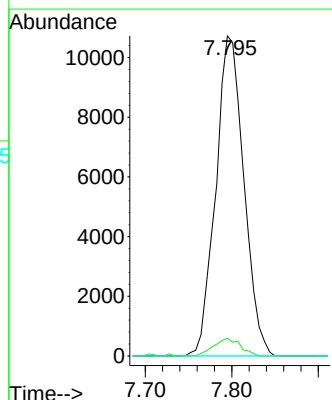
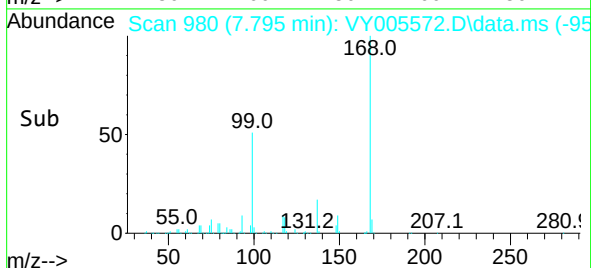
Tgt Ion: 75	Resp: 18991
Ion Ratio	Lower Upper
75 100	
110 9.4	18.1 54.1#
77 0.0	25.1 37.7#

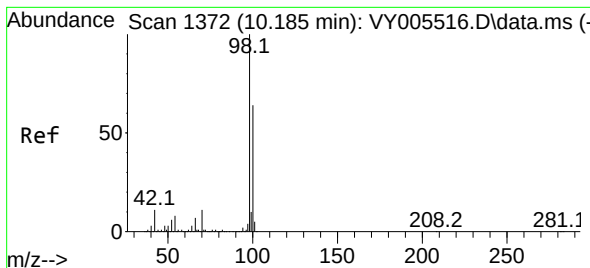


#38
 Carbon Tetrachloride
 Concen: 5.291 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005572.D
 Acq: 06 Aug 2021 15:49



Tgt Ion: 117	Resp: 24212
Ion Ratio	Lower Upper
117 100	
119 5.5	75.4 113.0#
121 0.0	25.1 37.7#

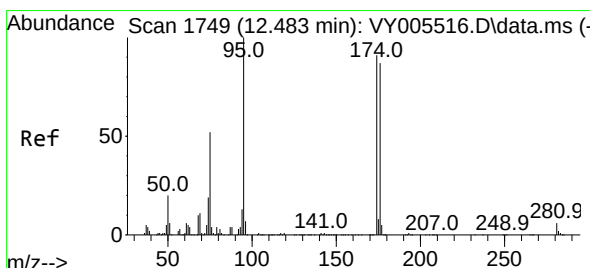
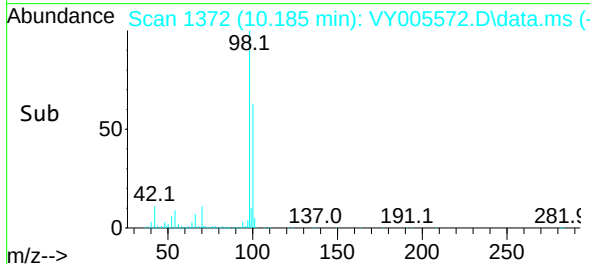
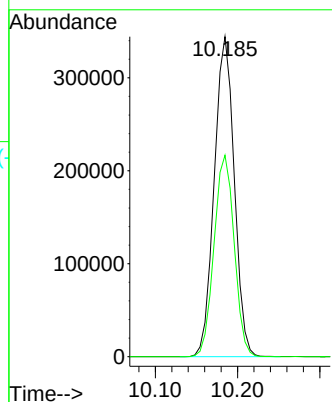
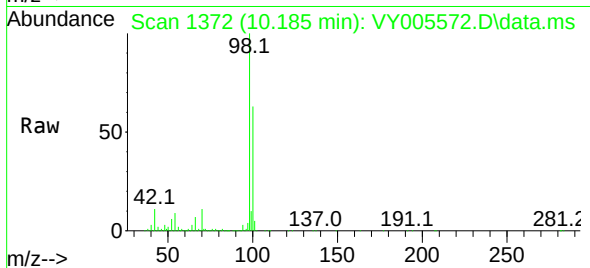




#50
Toluene-d8
Concen: 55.248 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

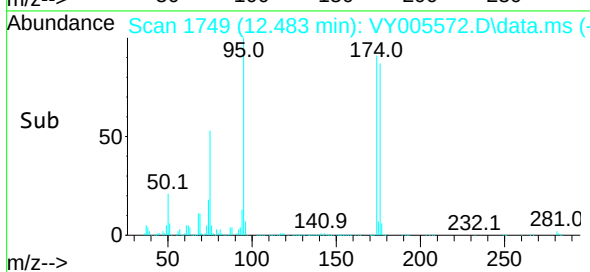
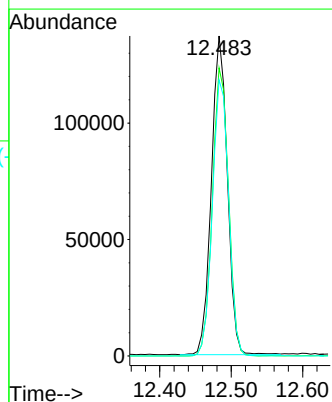
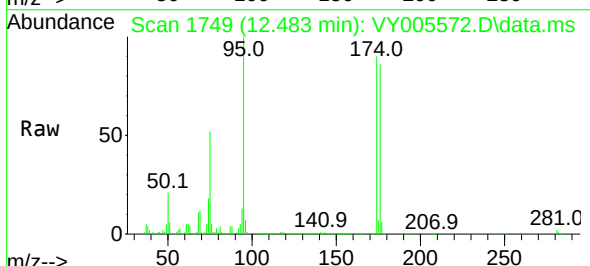
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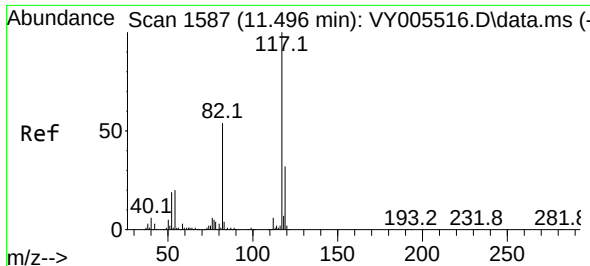
Tgt Ion: 98 Resp: 582306
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 60.829 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

Tgt Ion: 95 Resp: 212311
Ion Ratio Lower Upper
95 100
174 91.0 0.0 191.4
176 88.1 0.0 183.6

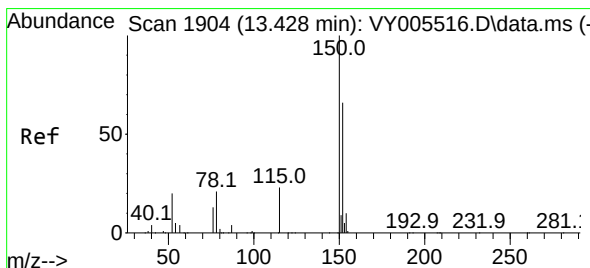
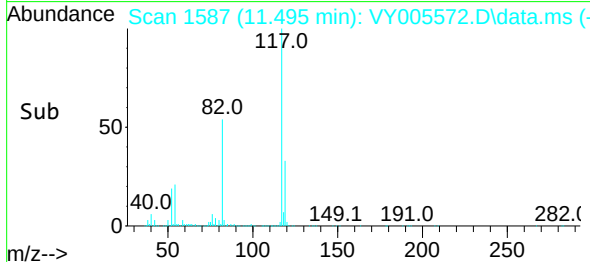
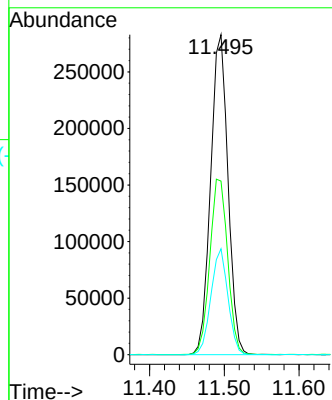
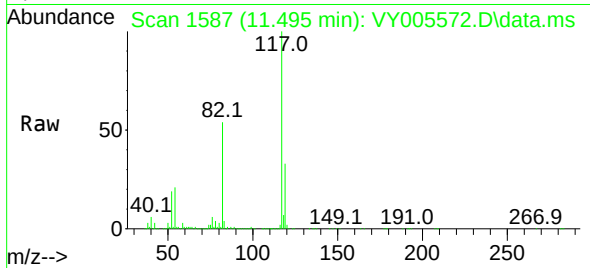




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

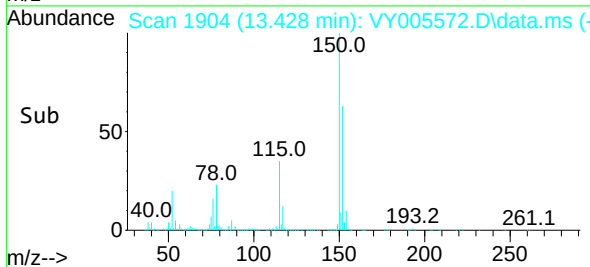
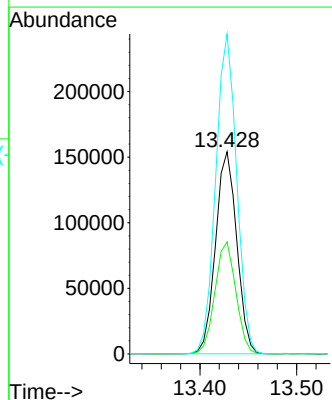
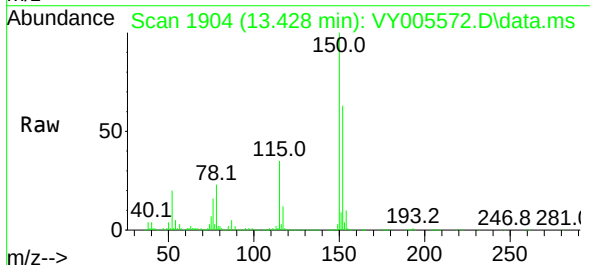
Instrument :
MSVOA_Y
ClientSampleId :

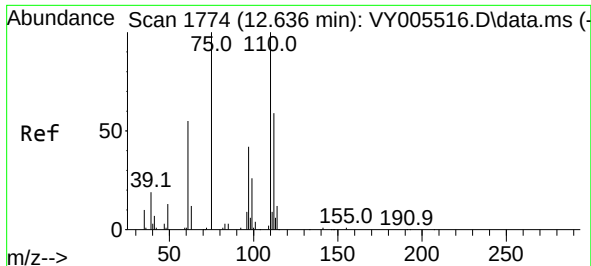
Tgt Ion:117 Resp: 456806
Ion Ratio Lower Upper
117 100
82 54.2 43.5 65.3
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

Tgt Ion:152 Resp: 234244
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 156.3 0.0 350.2

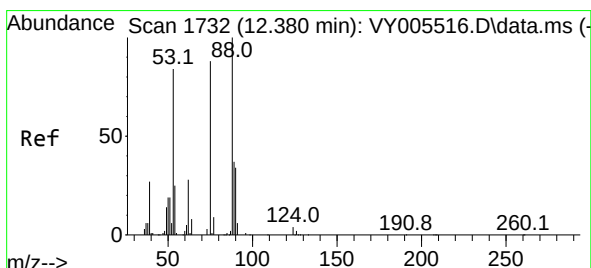
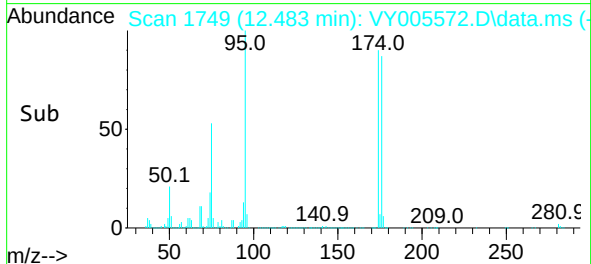
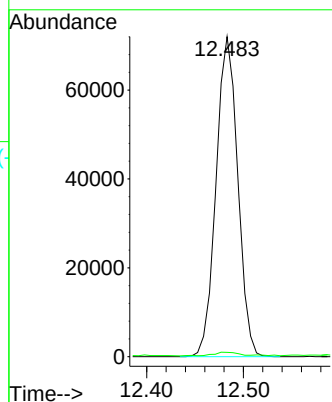
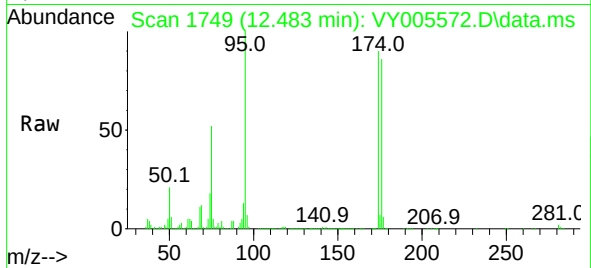




#76
1,2,3-Trichloropropane
Concen: 46.189 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

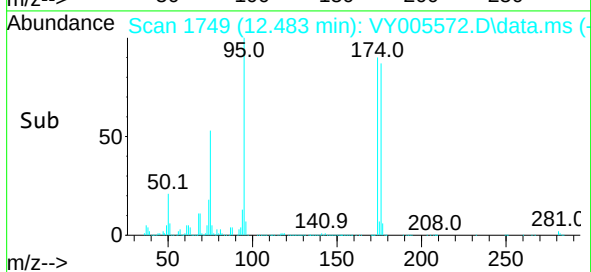
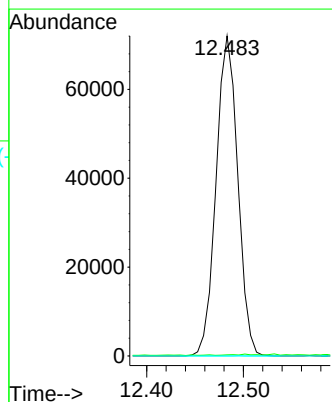
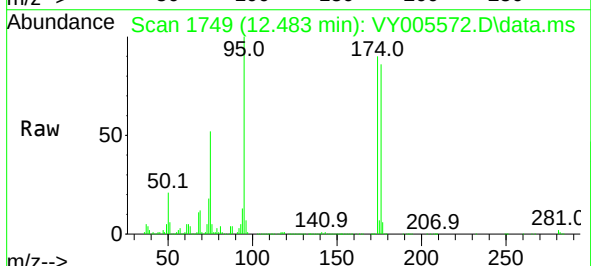
Instrument :
MSVOA_Y
ClientSampleId :

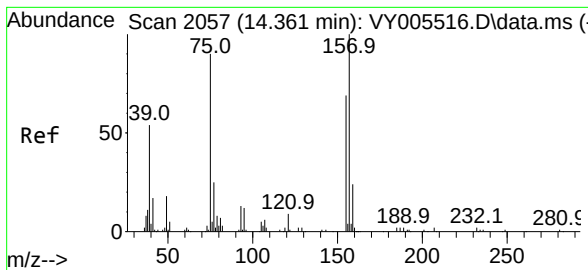
Tgt Ion: 75 Resp: 112122
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.112 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005572.D
Acq: 06 Aug 2021 15:49

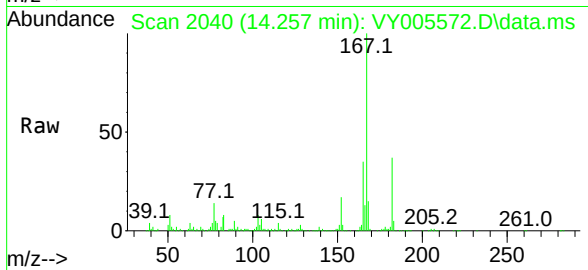
Tgt Ion: 75 Resp: 112122
Ion Ratio Lower Upper
75 100
53 0.4 76.7 115.1#
89 0.0 38.4 57.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.963 ug/l
 RT: 14.257 min Scan# 2040
 Delta R.T. -0.104 min
 Lab File: VY005572.D
 Acq: 06 Aug 2021 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 6536
 Ion Ratio Lower Upper
 75 100
 155 10.9 42.4 127.1#
 157 5.2 56.0 168.2#

