

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005749.D
 Acq On : 18 Aug 2021 18:50
 Operator : SY/MD
 Sample : M3414-05
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:19:01 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)

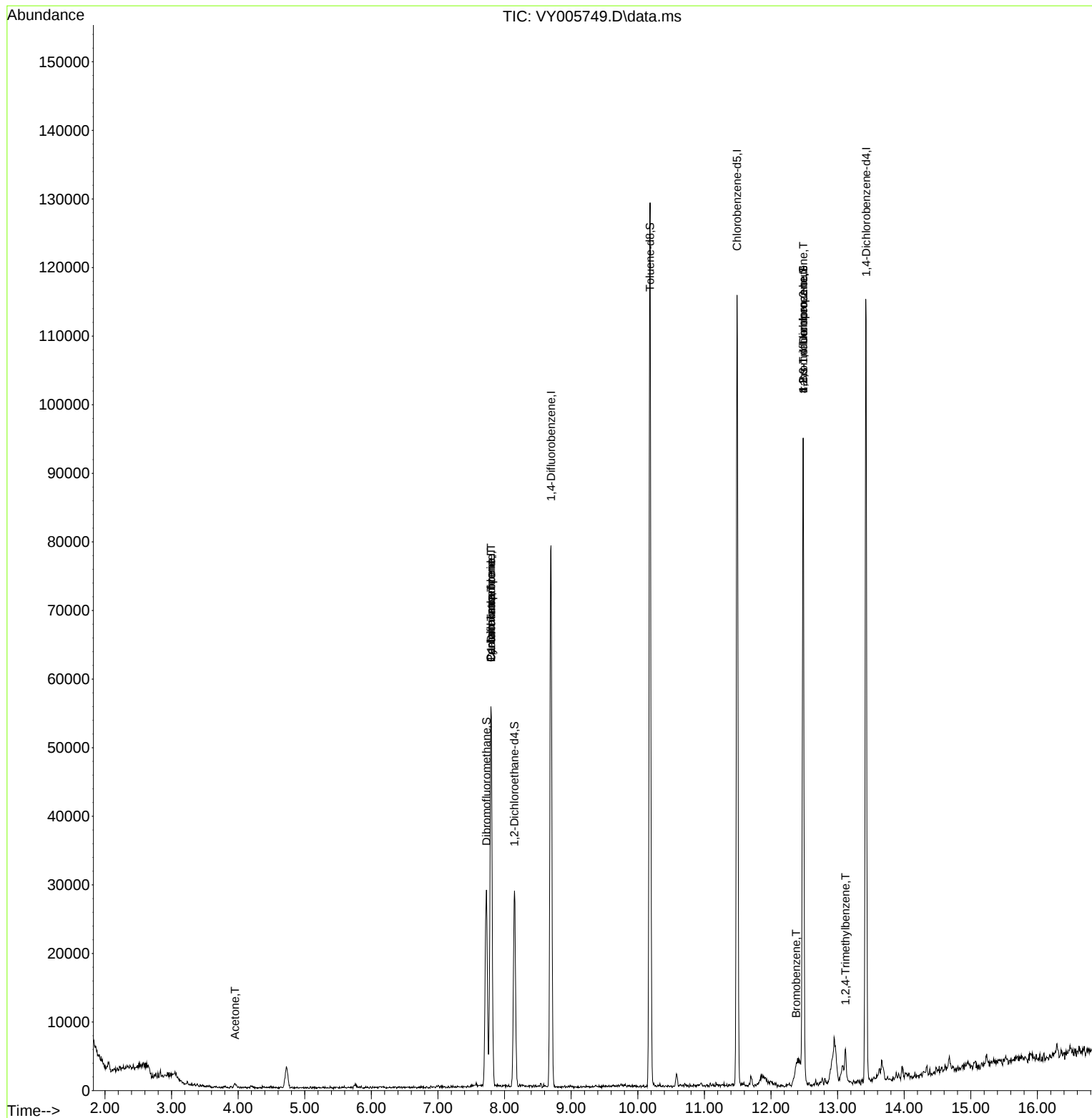
Internal Standards						
1) Pentafluorobenzene	7.795	168	44844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	67283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	61587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	23729	52.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.540%	
35) Dibromofluoromethane	7.728	113	19295	51.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.185	98	83481	52.841	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.680%	
62) 4-Bromofluorobenzene	12.483	95	25769	49.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1006	8.790	ug/l #	86
20) Methylene Chloride	4.729	84	2215	Below Cal	#	87
31) Cyclohexane	7.795	56	949	1.219	ug/l #	42
36) 1,1-Dichloropropene	7.795	75	2917	4.622	ug/l #	50
38) Carbon Tetrachloride	7.795	117	4277	6.236	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	13849	44.214	ug/l #	100
77) Bromobenzene	12.380	156	2017	3.891	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	13849	89.129	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.117	105	1946	1.126	ug/l	95

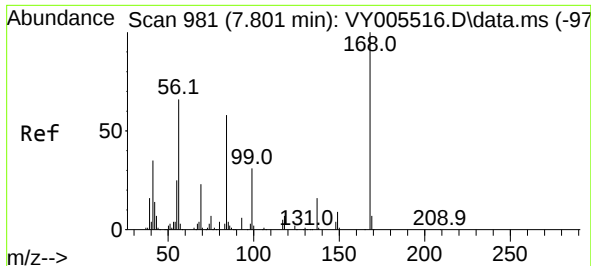
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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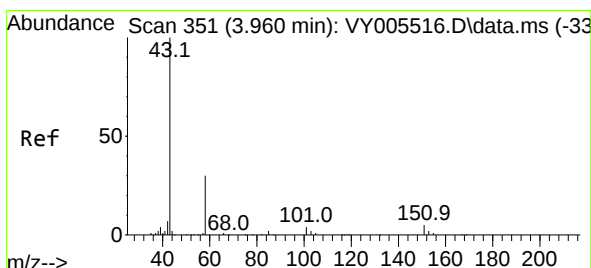
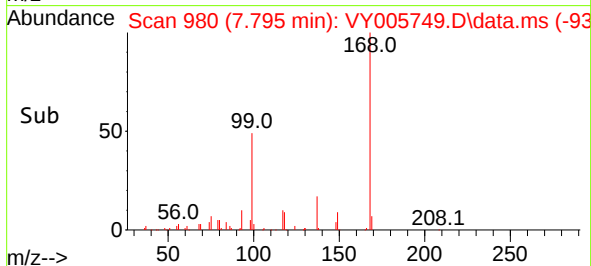
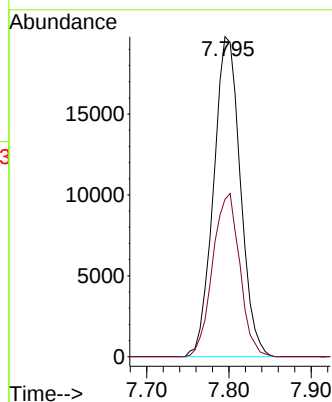
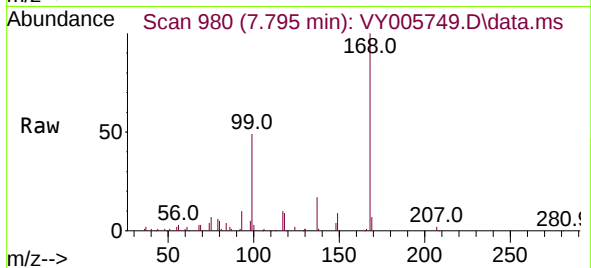




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

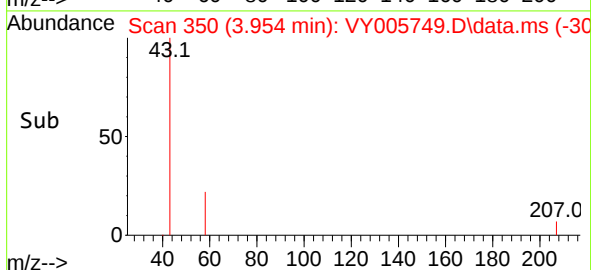
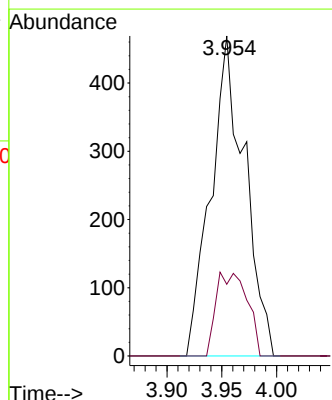
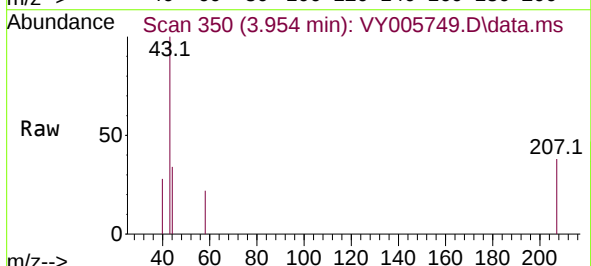
Instrument :
MSVOA_Y
ClientSampleId :

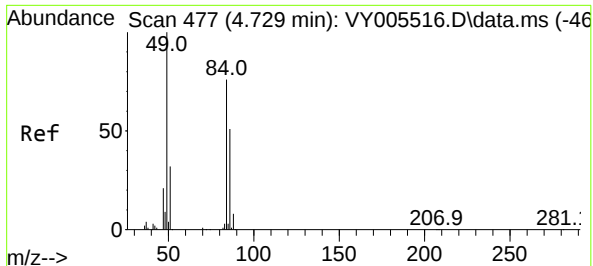
Tgt Ion:168 Resp: 44844
Ion Ratio Lower Upper
168 100
99 49.2 38.9 58.3



#16
Acetone
Concen: 8.790 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 22.4 23.8 35.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005749.D

Acq: 18 Aug 2021 18:50

Tgt Ion: 84 Resp: 2215

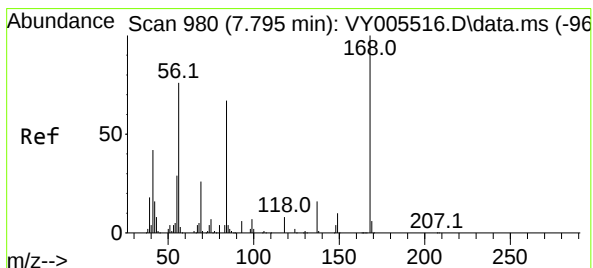
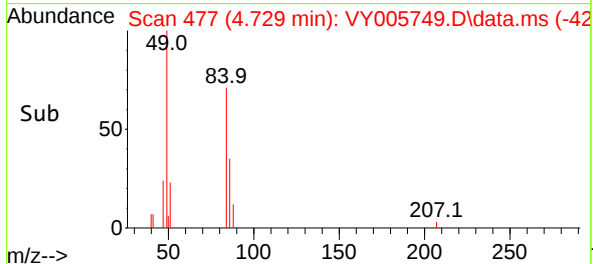
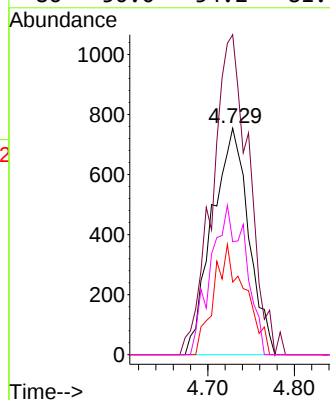
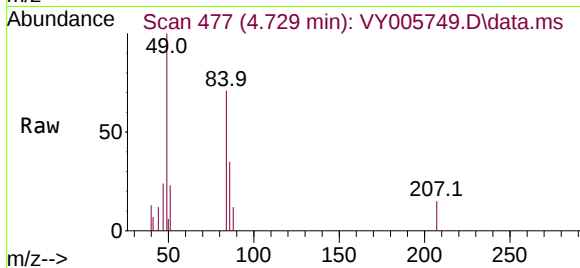
Ion Ratio Lower Upper

84 100

49 141.4 105.8 158.6

51 32.1 33.4 50.2#

86 50.0 54.2 81.4#



#31

Cyclohexane

Concen: 1.219 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY005749.D

Acq: 18 Aug 2021 18:50

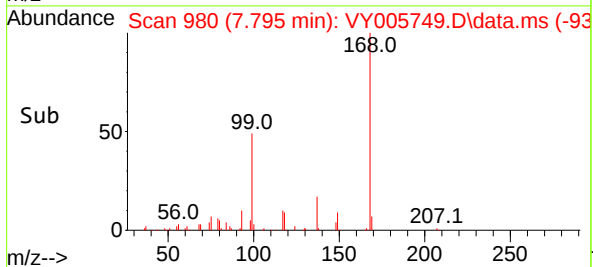
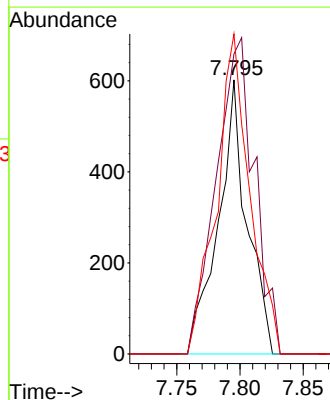
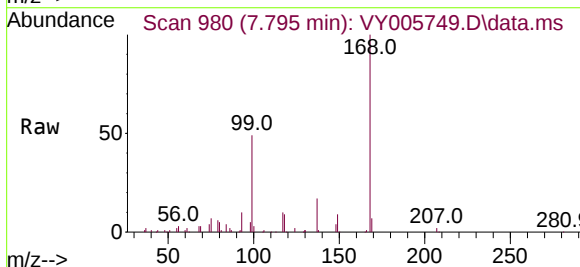
Tgt Ion: 56 Resp: 949

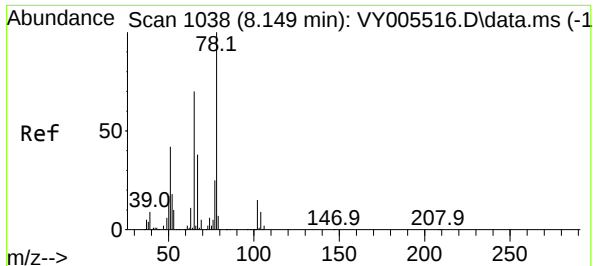
Ion Ratio Lower Upper

56 100

69 109.5 27.7 41.5#

84 116.8 70.9 106.3#

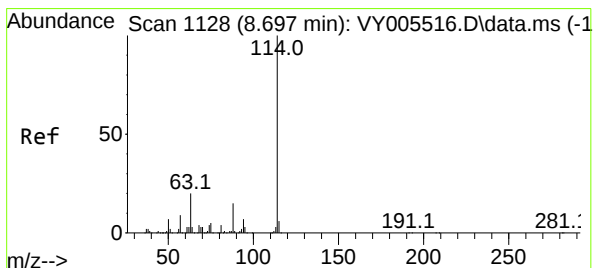
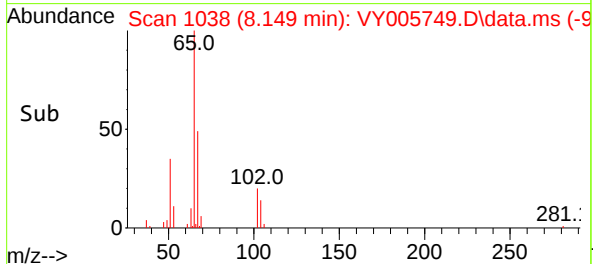
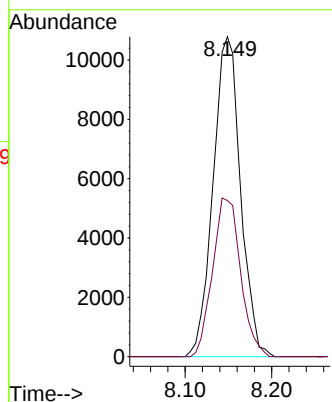
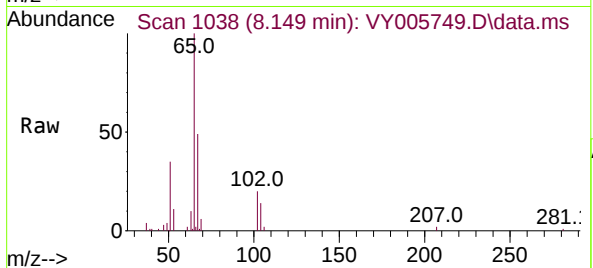




#33
1,2-Dichloroethane-d4
Concen: 52.274 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

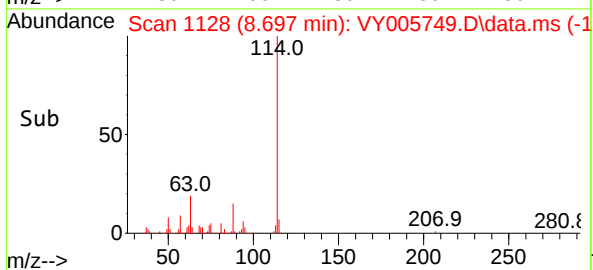
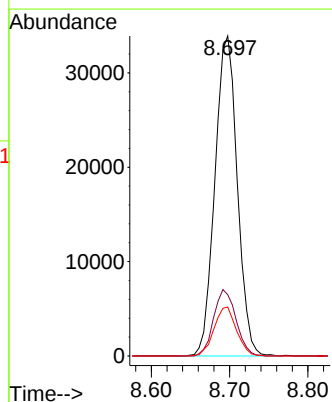
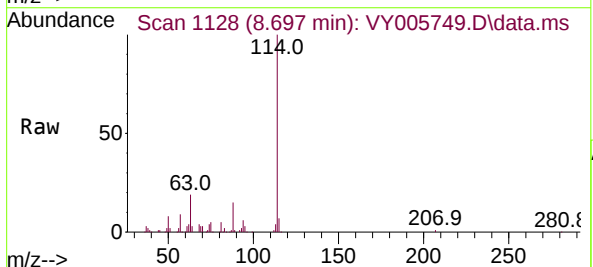
Instrument :
MSVOA_Y
ClientSampleId :

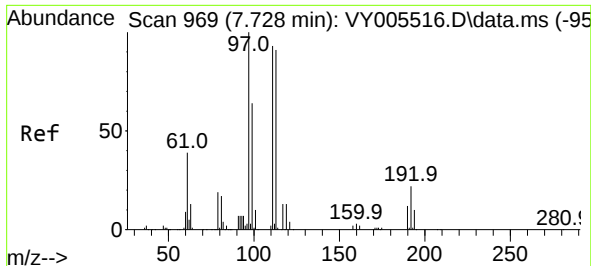
Tgt Ion: 65 Resp: 23729
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

Tgt Ion: 114 Resp: 67283
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.2
88 15.3 0.0 30.8

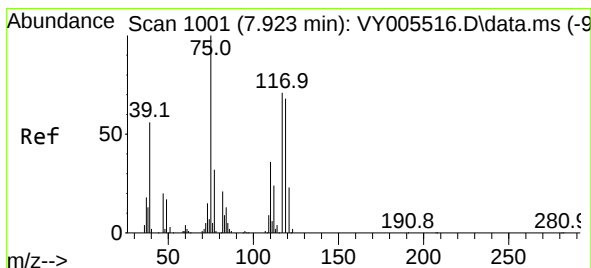
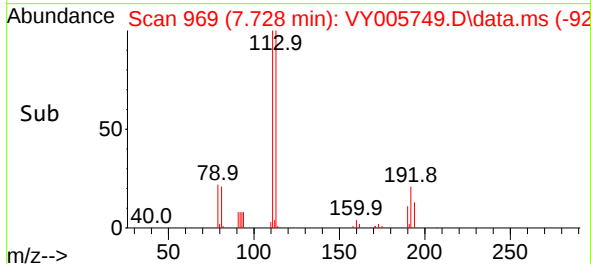
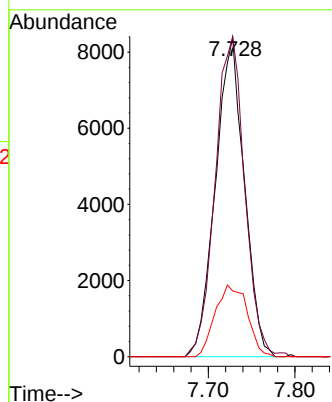
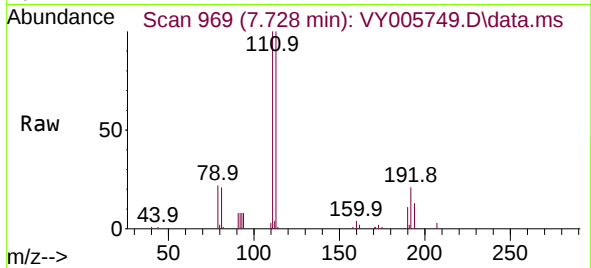




#35
Dibromofluoromethane
Concen: 51.221 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

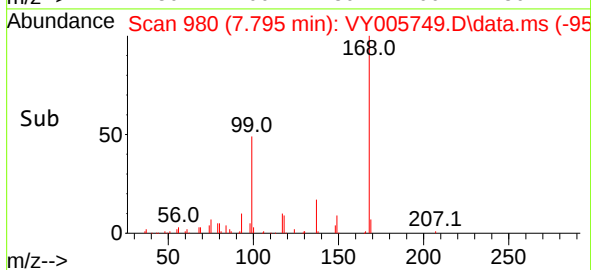
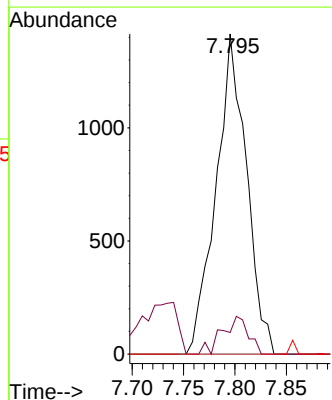
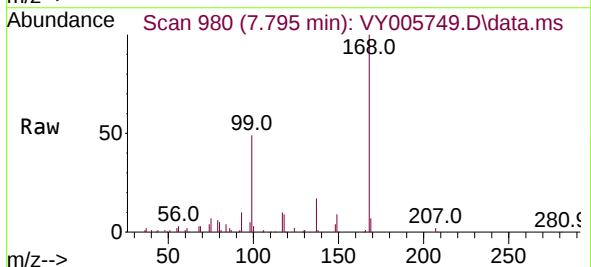
Instrument :
MSVOA_Y
ClientSampleId :

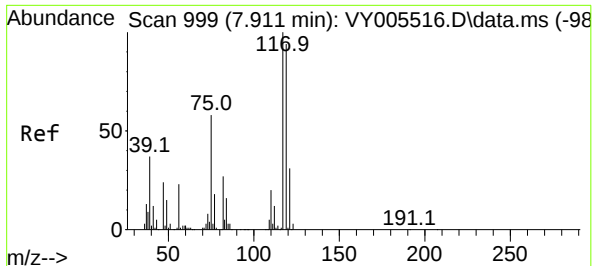
Tgt Ion:113 Resp: 19295
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 25.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

Tgt Ion: 75 Resp: 2917
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.1#
77 0.0 25.1 37.7#

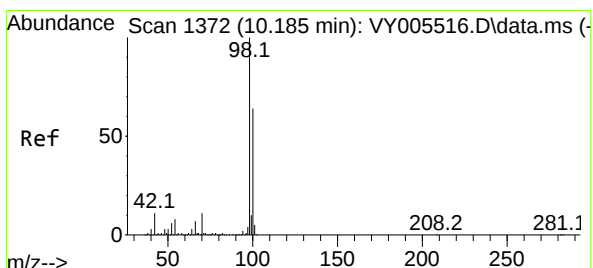
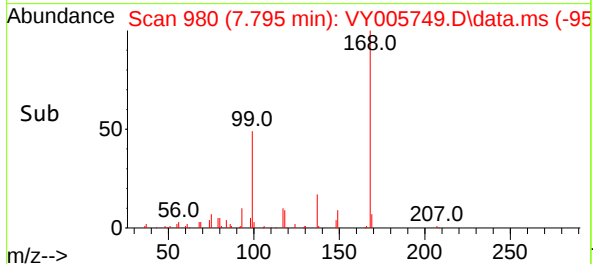
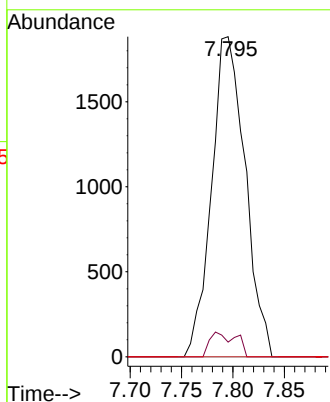
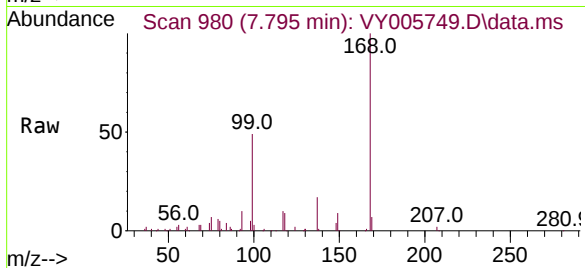




#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

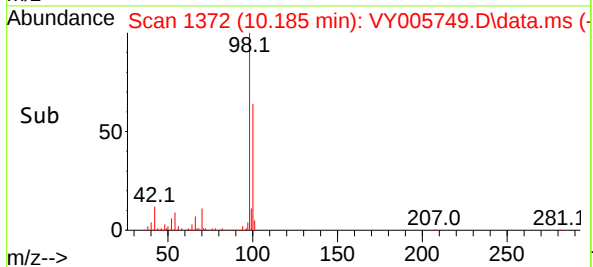
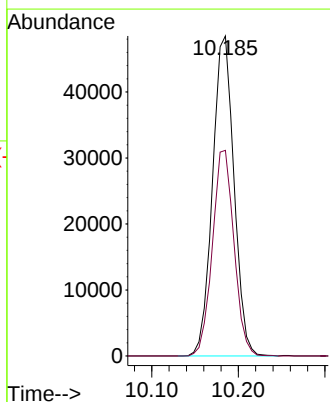
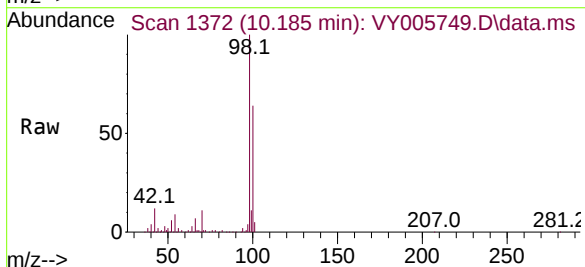
Instrument :
MSVOA_Y
ClientSampleId :

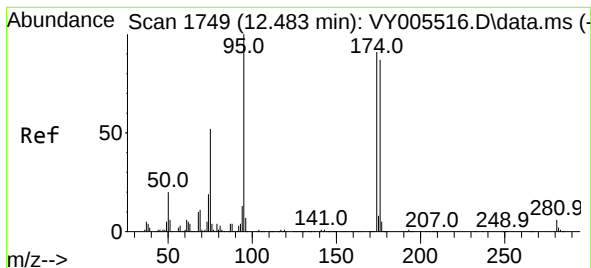
Tgt Ion:117 Resp: 4277
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.841 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

Tgt Ion: 98 Resp: 83481
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9

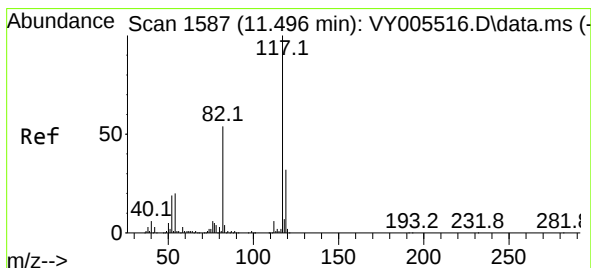
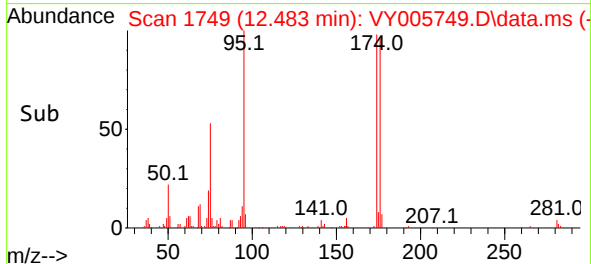
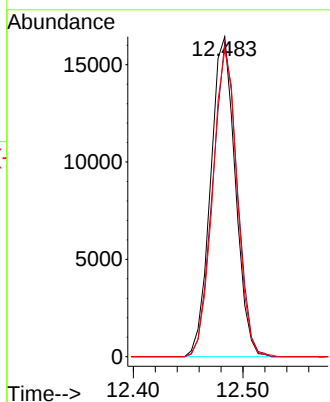
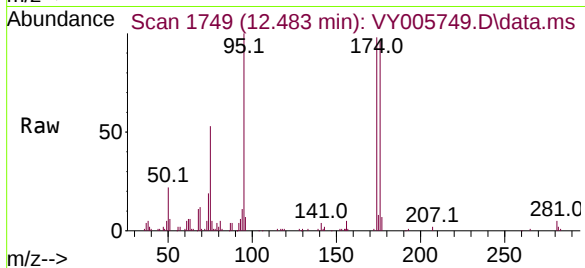




#62
4-Bromofluorobenzene
Concen: 49.255 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

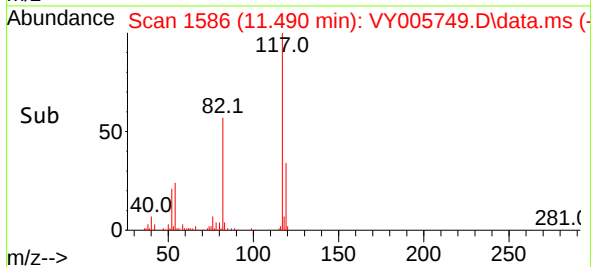
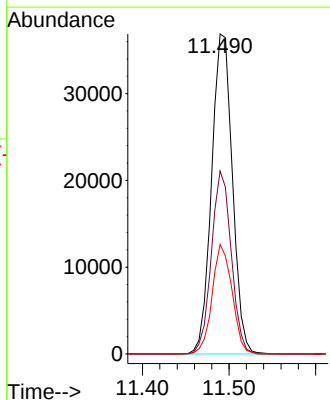
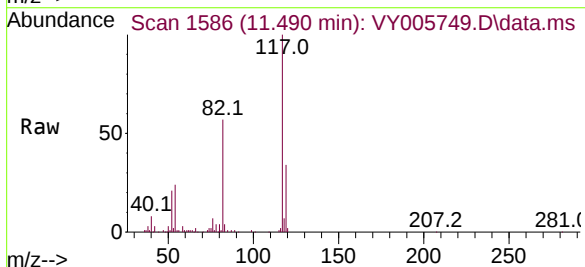
Instrument :
MSVOA_Y
ClientSampleId :

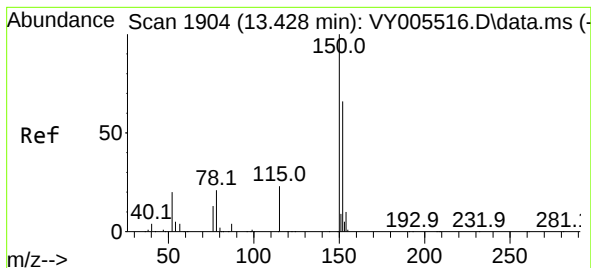
Tgt Ion:	95	Resp:	25769
Ion Ratio	Lower	Upper	
95	100		
174	96.8	0.0	191.4
176	94.8	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

Tgt Ion:	117	Resp:	61587
Ion Ratio	Lower	Upper	
117	100		
82	57.2	43.5	65.3
119	34.2	25.5	38.3

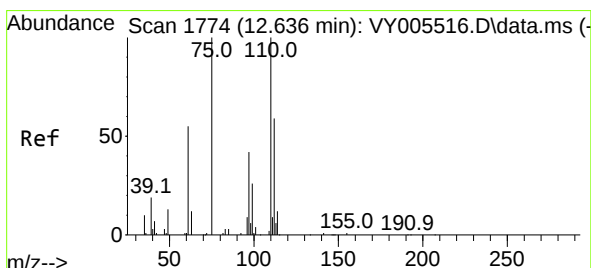
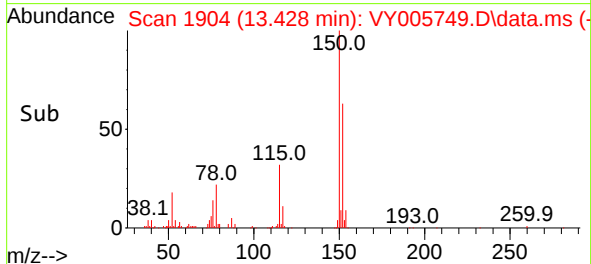
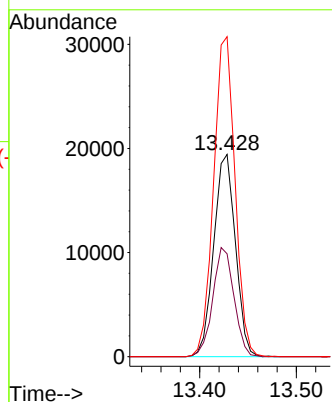
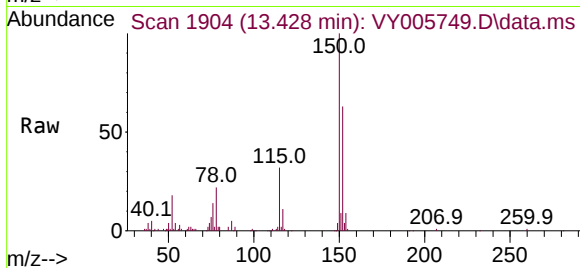




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005749.D
 Acq: 18 Aug 2021 18:50

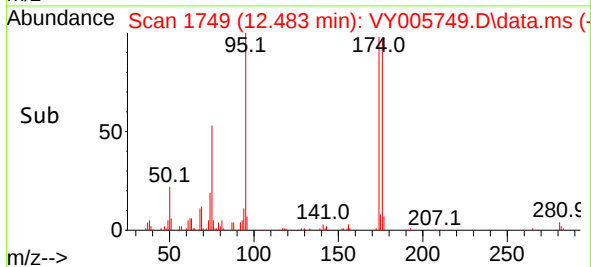
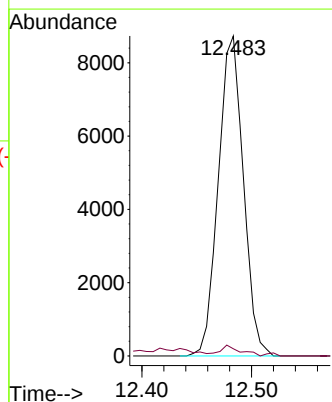
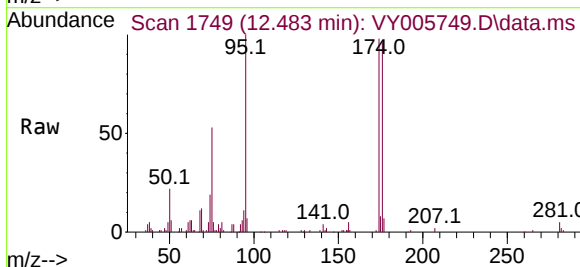
Instrument :
 MSVOA_Y
 ClientSampled :

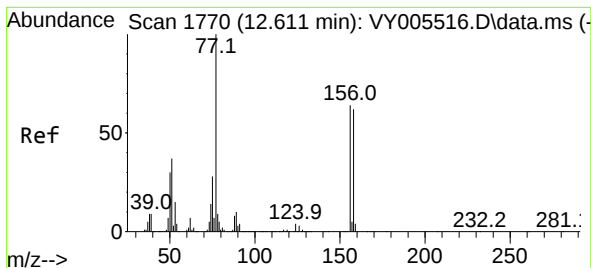
Tgt Ion:152 Resp: 30226
 Ion Ratio Lower Upper
 152 100
 115 52.8 27.3 81.9
 150 156.1 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.214 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005749.D
 Acq: 18 Aug 2021 18:50

Tgt Ion: 75 Resp: 13849
 Ion Ratio Lower Upper
 75 100
 77 2.7 0.0 0.0#

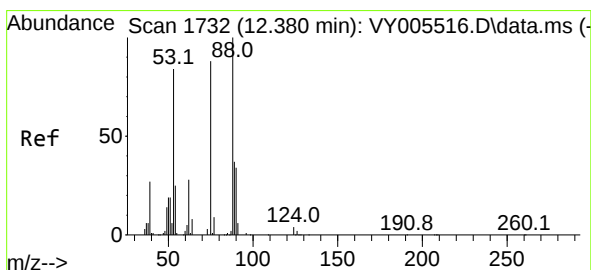
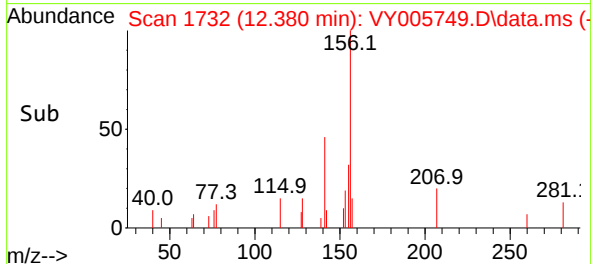
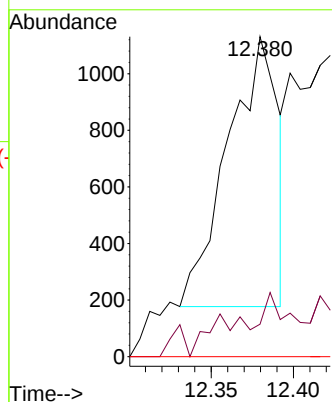
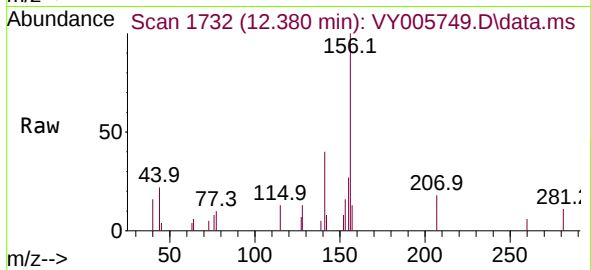




#77
Bromobenzene
Concen: 3.891 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.232 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

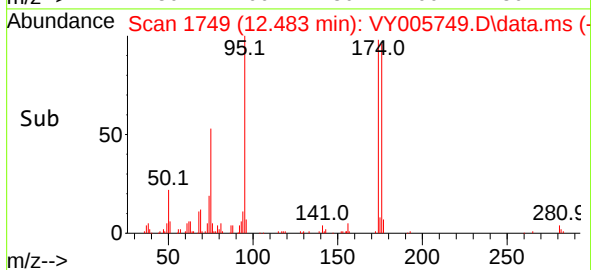
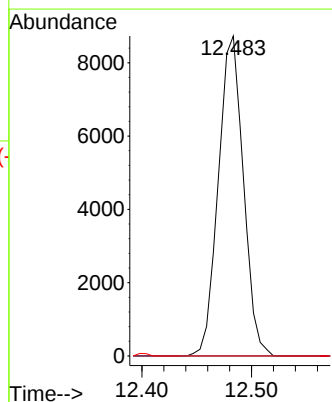
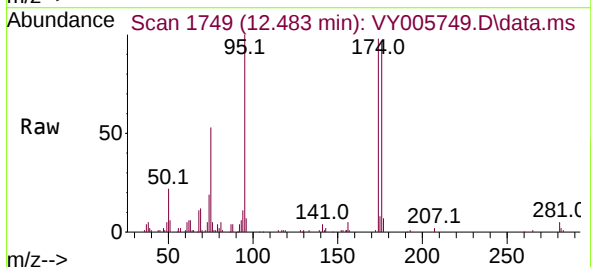
Instrument :
MSVOA_Y
ClientSampleId :

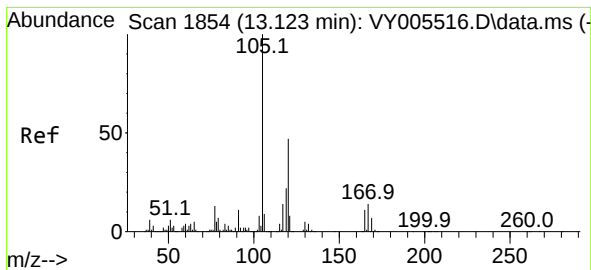
Tgt Ion:156 Resp: 2017
Ion Ratio Lower Upper
156 100
77 6.9 85.5 256.5#
158 0.0 48.5 145.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005749.D
Acq: 18 Aug 2021 18:50

Tgt Ion: 75 Resp: 13849
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.126 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY005749.D
 Acq: 18 Aug 2021 18:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 1946
 Ion Ratio Lower Upper
 105 100
 120 48.8 22.9 68.5

