

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
 Data File : VY005882.D
 Acq On : 27 Aug 2021 14:42
 Operator : SY/MD
 Sample : M3569-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:51:34 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)

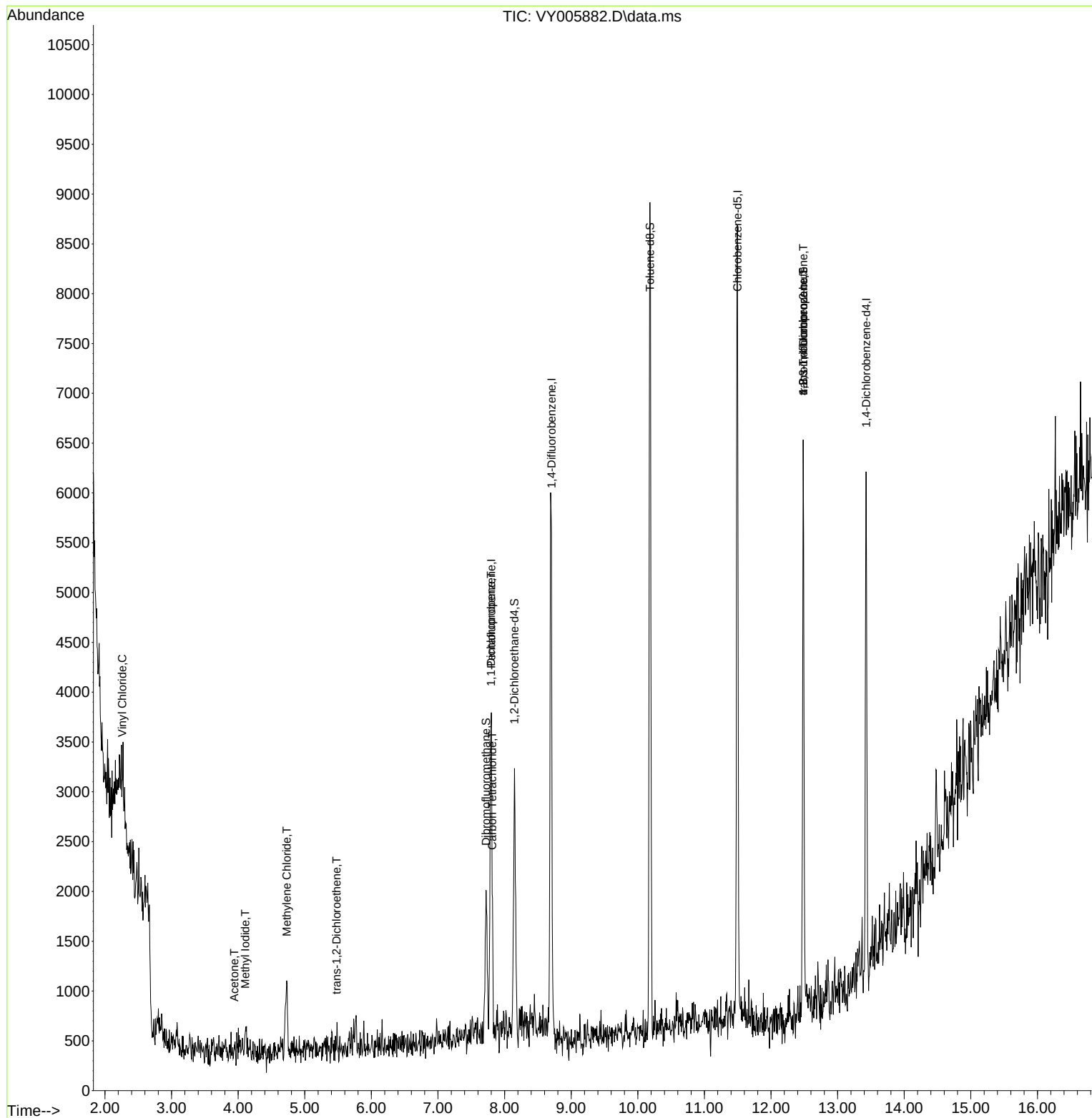
Internal Standards						
1) Pentafluorobenzene	7.801	168	3366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	5204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	4615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2119	62.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.380%	
35) Dibromofluoromethane	7.722	113	1052	36.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 72.220%	
50) Toluene-d8	10.185	98	6221	50.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	12.483	95	1573	38.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.740%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.259	62	262	6.624	ug/l #	42
10) Methyl Iodide	4.107	142	296	8.271	ug/l #	58
16) Acetone	3.942	43	59	6.868	ug/l #	45
20) Methylene Chloride	4.728	84	491	9.509	ug/l #	72
21) trans-1,2-Dichloroethene	5.478	96	48	1.480	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	211	4.323	ug/l #	41
38) Carbon Tetrachloride	7.813	117	75	1.414	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	987	74.467	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	987	150.117	ug/l #	11

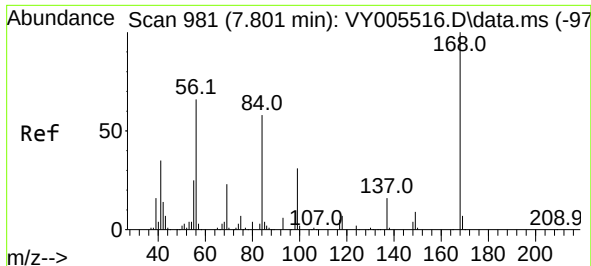
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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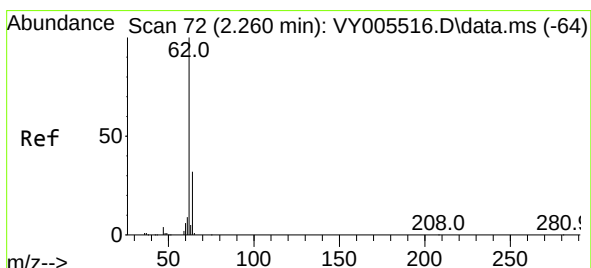
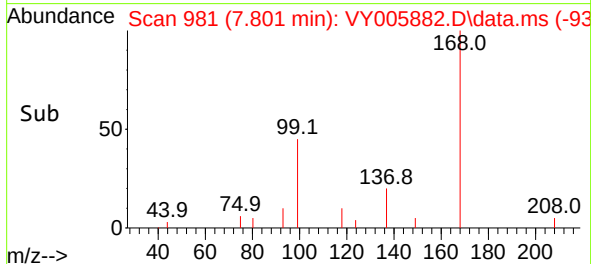
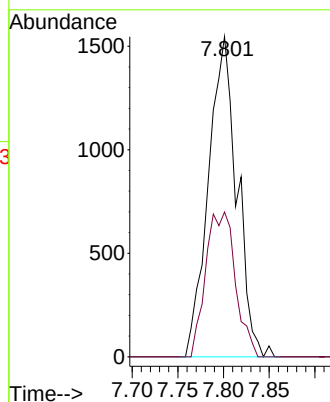
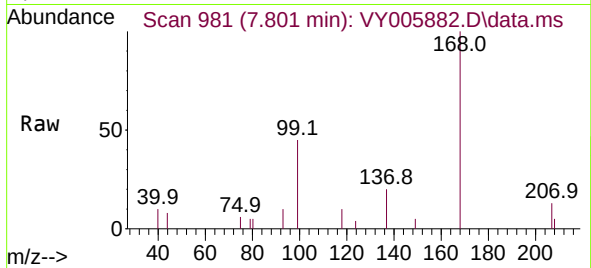




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

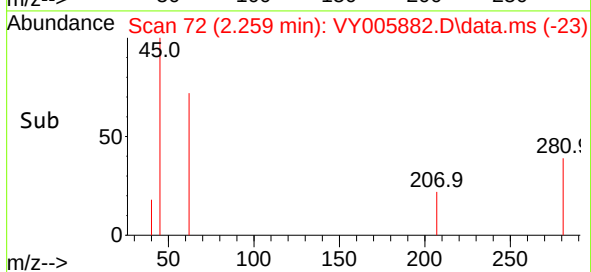
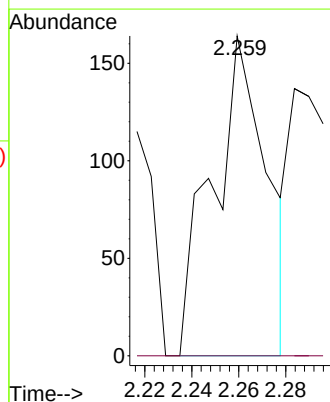
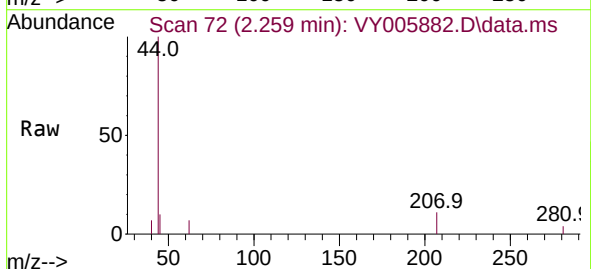
Instrument :
MSVOA_Y
ClientSampled :

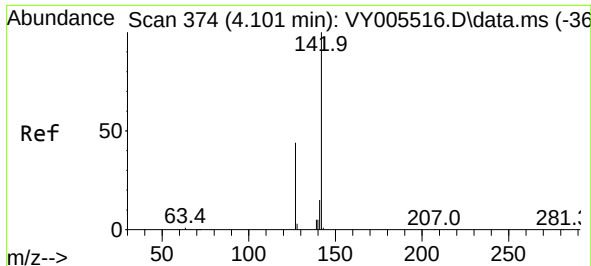
Tgt Ion:168 Resp: 3366
Ion Ratio Lower Upper
168 100
99 45.2 38.9 58.3



#4
Vinyl Chloride
Concen: 6.624 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

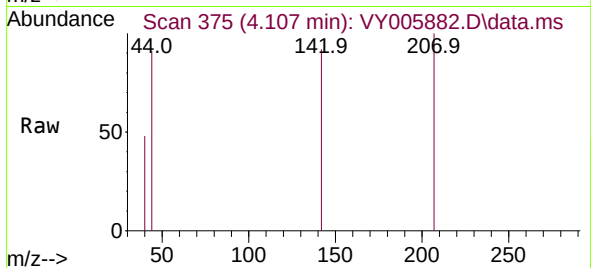
Tgt Ion: 62 Resp: 262
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#



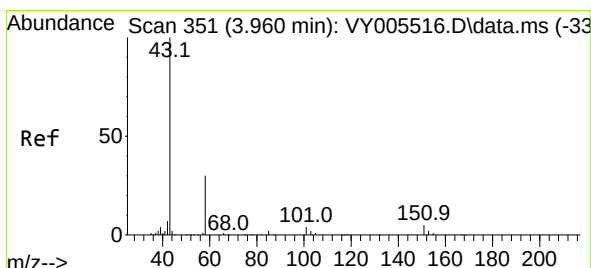
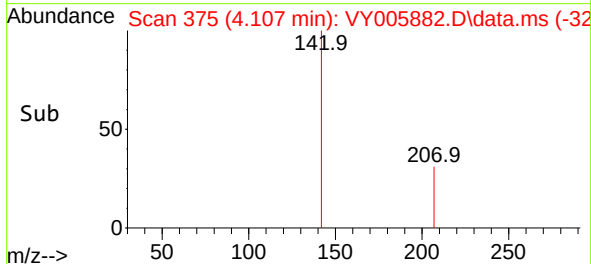
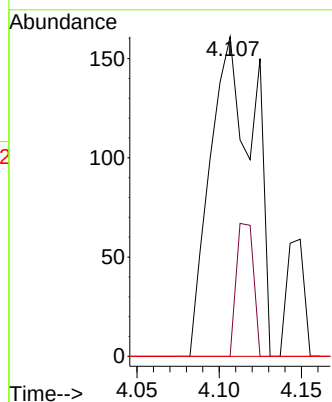


#10
Methyl Iodide
Concen: 8.271 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

Instrument :
MSVOA_Y
ClientSampleId :

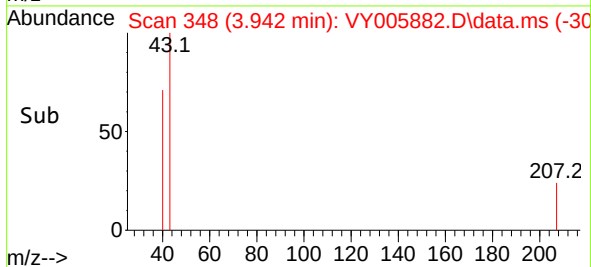
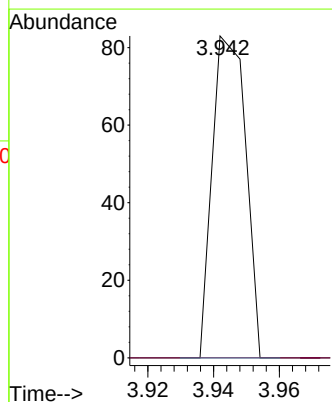
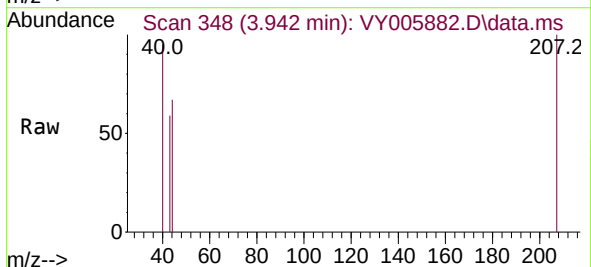


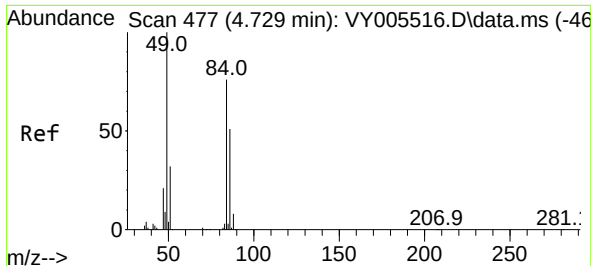
Tgt Ion:142 Resp: 296
Ion Ratio Lower Upper
142 100
127 16.6 36.6 54.8#
141 0.0 12.2 18.4#



#16
Acetone
Concen: 6.868 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

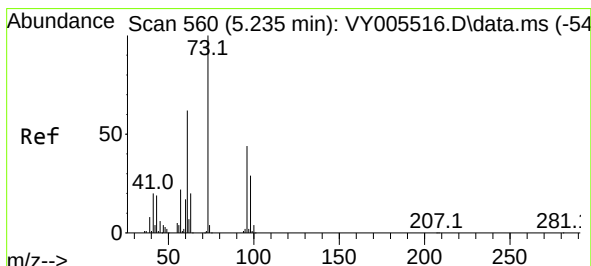
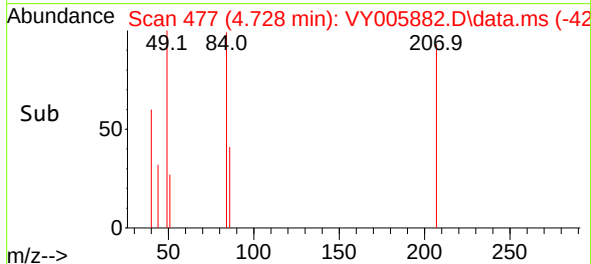
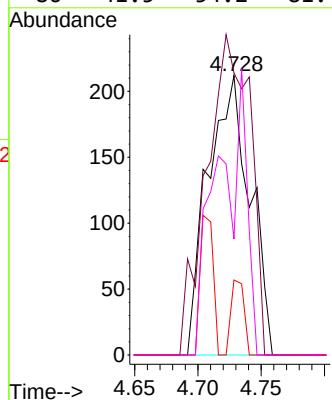
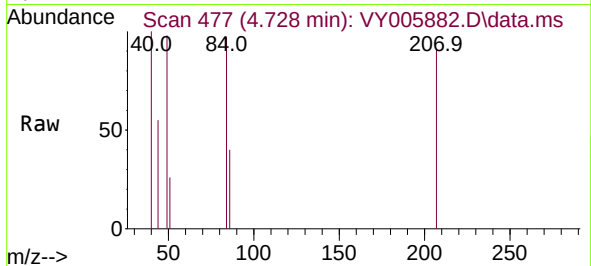




#20
Methylene Chloride
Concen: 9.509 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

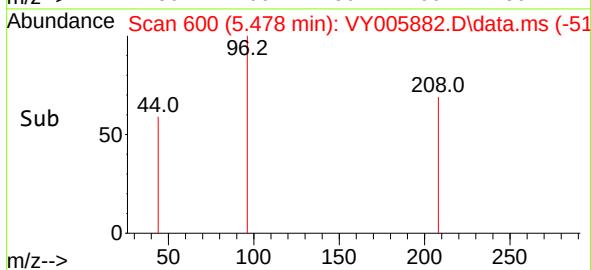
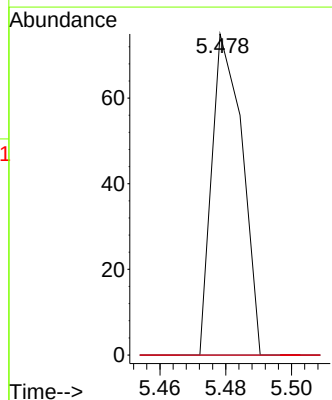
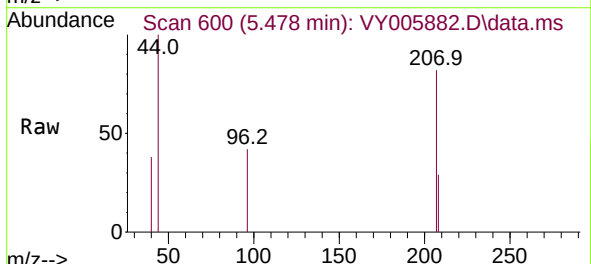
Instrument :
MSVOA_Y
ClientSampled :

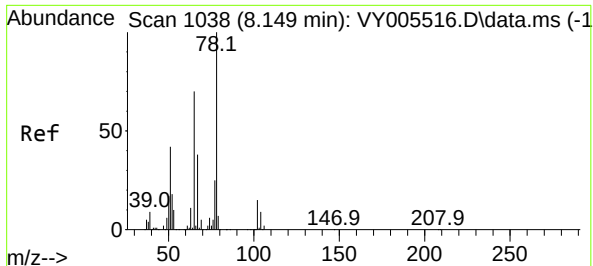
Tgt Ion: 84 Resp: 491
Ion Ratio Lower Upper
84 100
49 100.9 105.8 158.6#
51 26.9 33.4 50.2#
86 41.5 54.2 81.4#



#21
trans-1,2-Dichloroethene
Concen: 1.480 ug/l
RT: 5.478 min Scan# 600
Delta R.T. 0.244 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

Tgt Ion: 96 Resp: 48
Ion Ratio Lower Upper
96 100
61 0.0 112.6 168.8#
98 0.0 52.2 78.4#

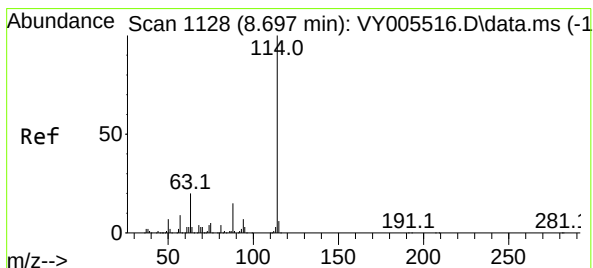
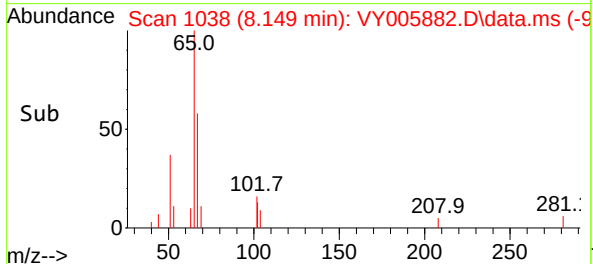
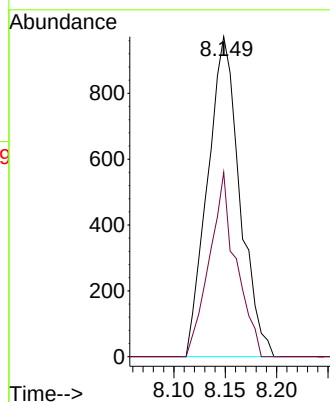
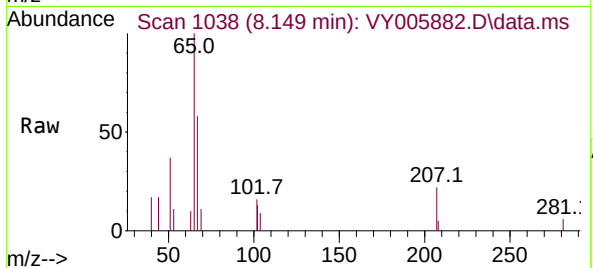




#33
 1,2-Dichloroethane-d4
 Concen: 62.191 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005882.D
 Acq: 27 Aug 2021 14:42

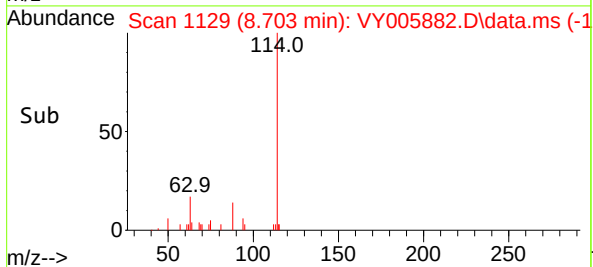
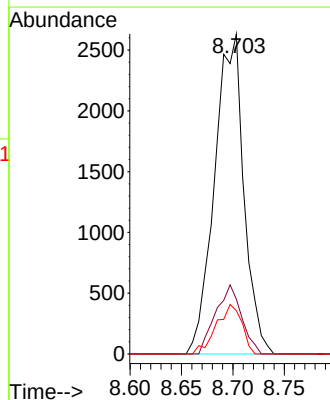
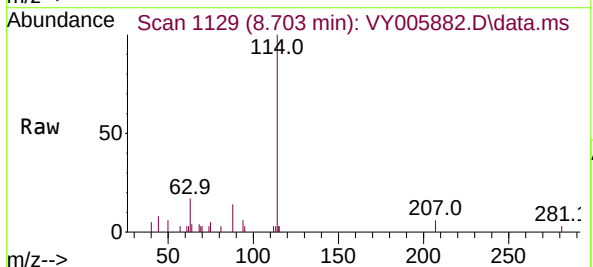
Instrument :
 MSVOA_Y
 ClientSampled :

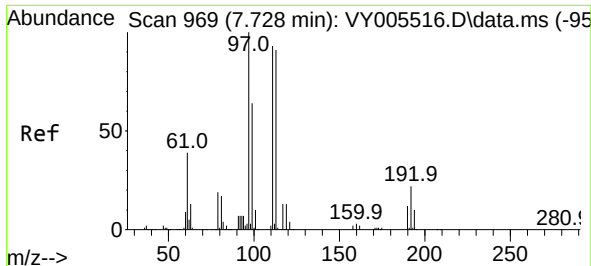
Tgt Ion: 65 Resp: 2119
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY005882.D
 Acq: 27 Aug 2021 14:42

Tgt Ion: 114 Resp: 5204
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 39.2
 88 13.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 36.107 ug/l

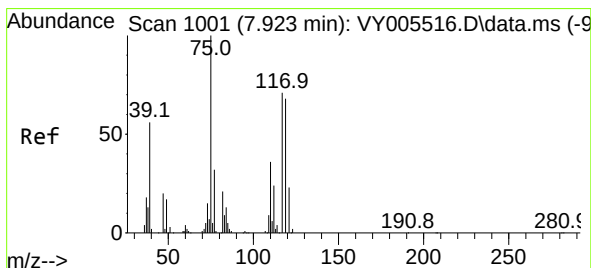
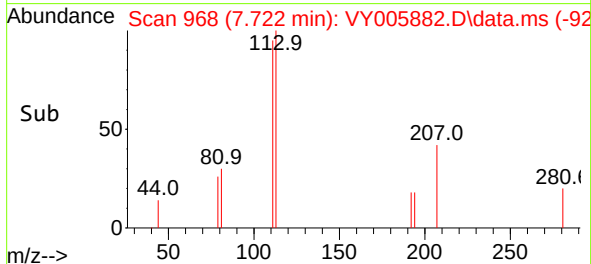
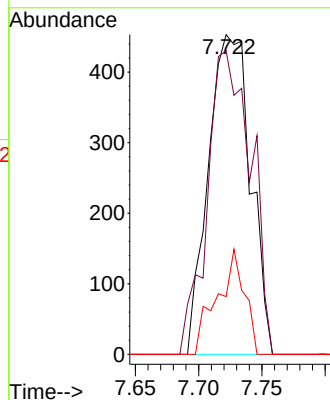
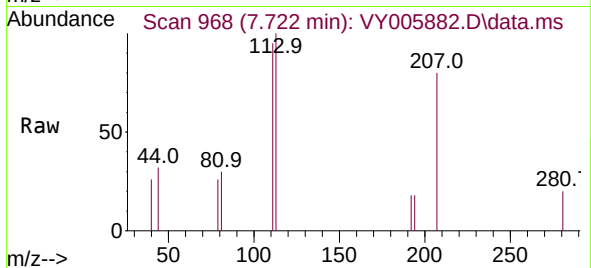
RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005882.D

Acq: 27 Aug 2021 14:42

Tgt Ion:	113	Resp:	1052
Ion	Ratio	Lower	Upper
113	100		
111	98.2	81.9	122.9
192	21.4	19.2	28.8



#36

1,1-Dichloropropene

Concen: 4.323 ug/l

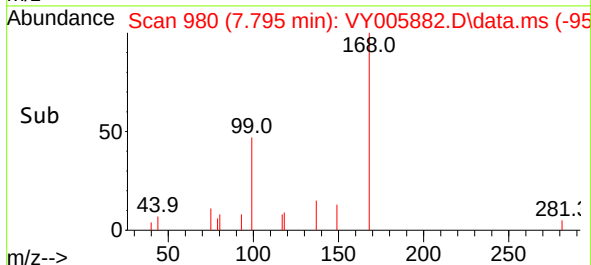
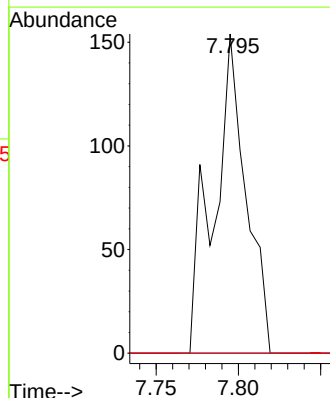
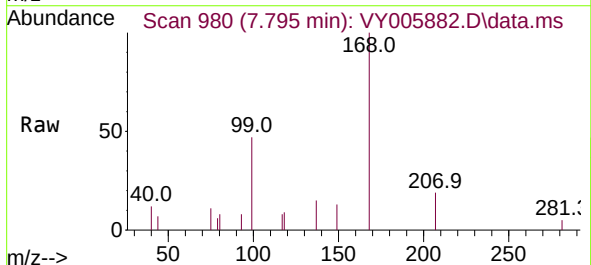
RT: 7.795 min Scan# 980

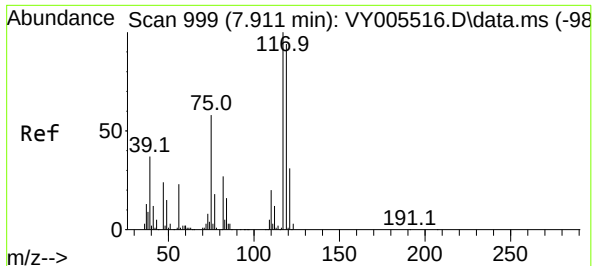
Delta R.T. -0.128 min

Lab File: VY005882.D

Acq: 27 Aug 2021 14:42

Tgt Ion:	75	Resp:	211
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#

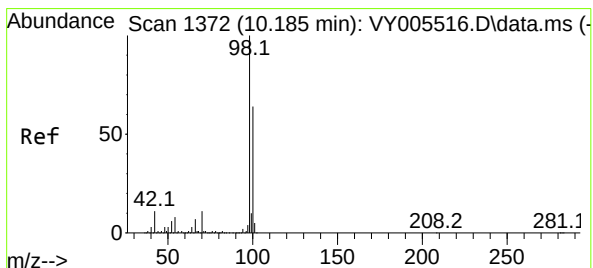
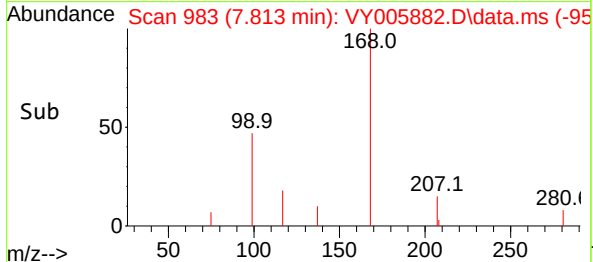
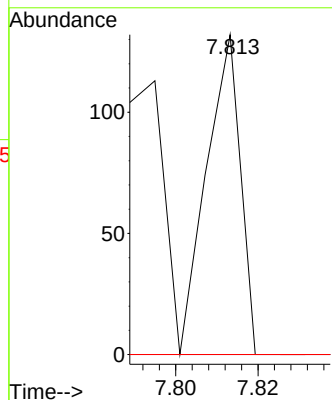
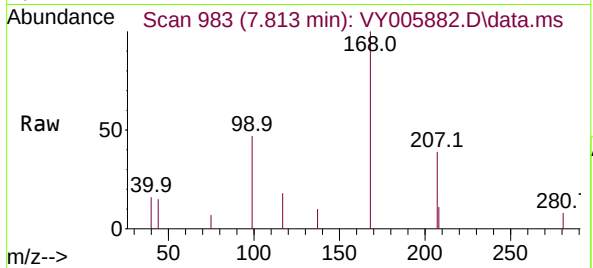




#38
Carbon Tetrachloride
Concen: 1.414 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.098 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

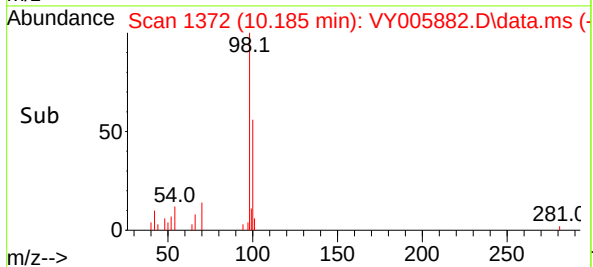
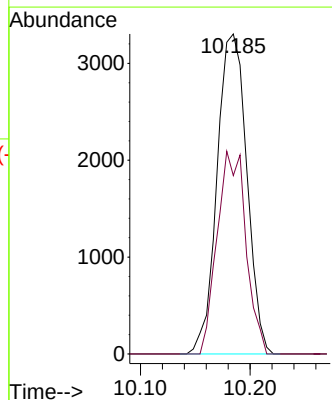
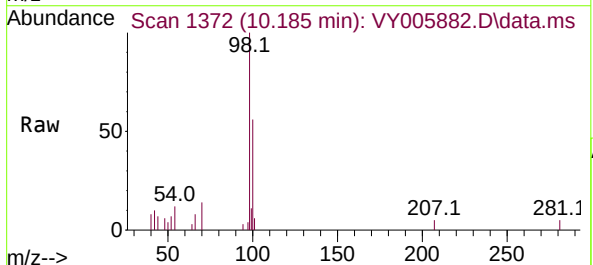
Instrument :
MSVOA_Y
ClientSampleId :

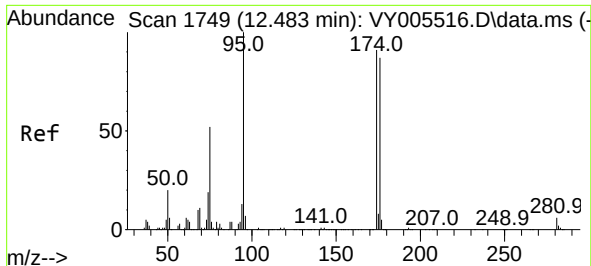
Tgt Ion:117 Resp: 75
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 50.911 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

Tgt Ion: 98 Resp: 6221
Ion Ratio Lower Upper
98 100
100 61.0 51.3 76.9

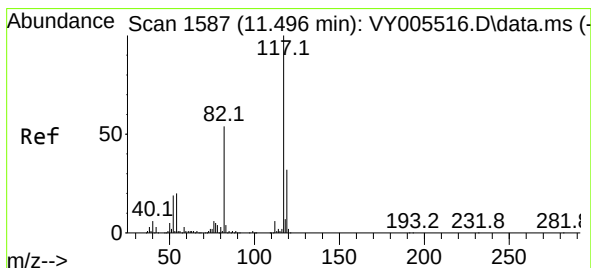
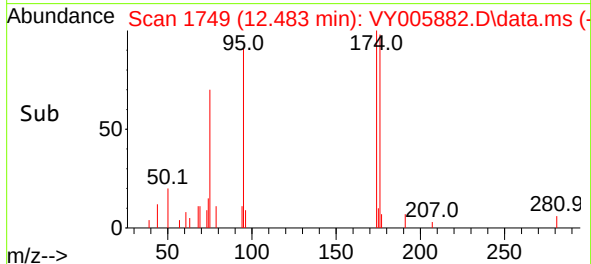
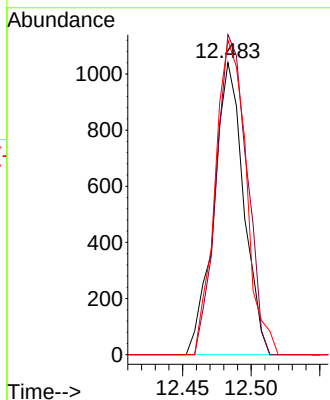
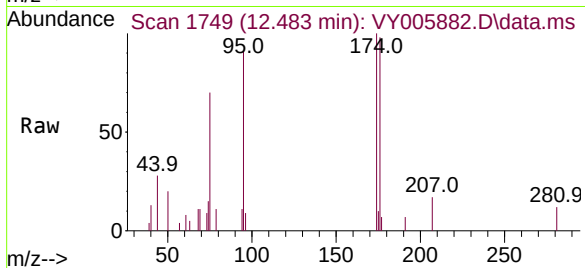




#62
4-Bromofluorobenzene
Concen: 38.874 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

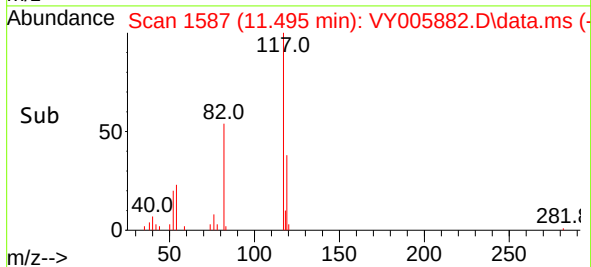
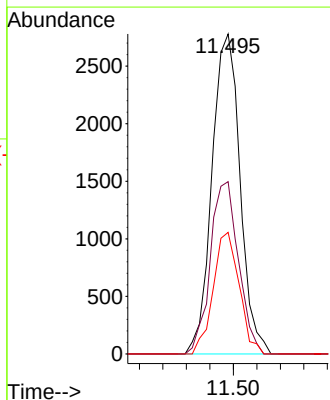
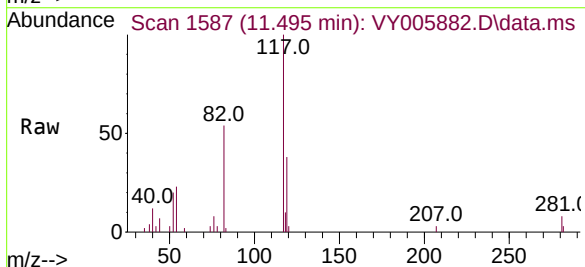
Instrument :
MSVOA_Y
ClientSampleId :

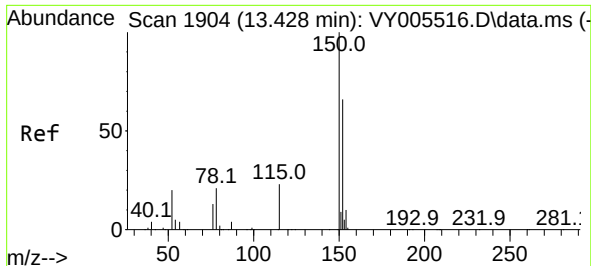
Tgt Ion:	95	Resp:	1573
Ion	Ratio	Lower	Upper
95	100		
174	111.7	0.0	191.4
176	112.2	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005882.D
Acq: 27 Aug 2021 14:42

Tgt Ion:	117	Resp:	4615
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.5	65.3
119	38.0	25.5	38.3

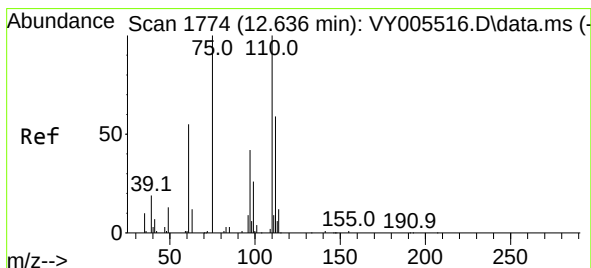
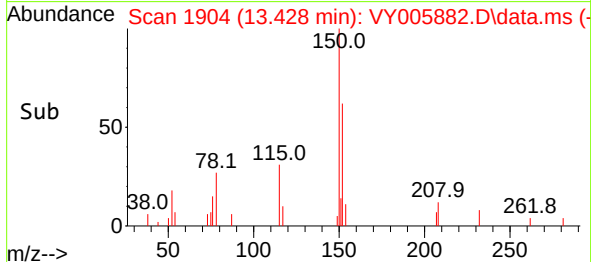
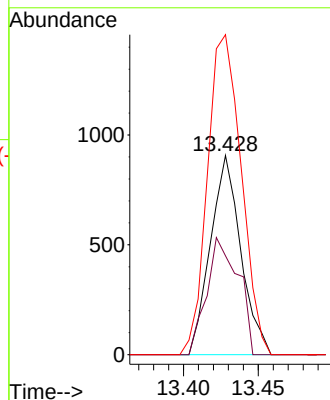
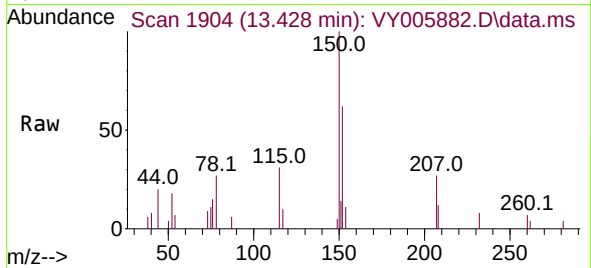




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005882.D
 Acq: 27 Aug 2021 14:42

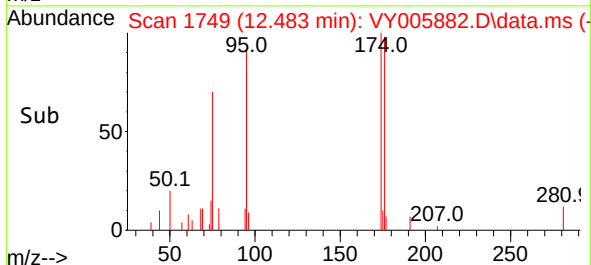
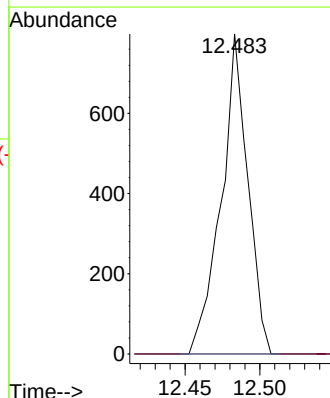
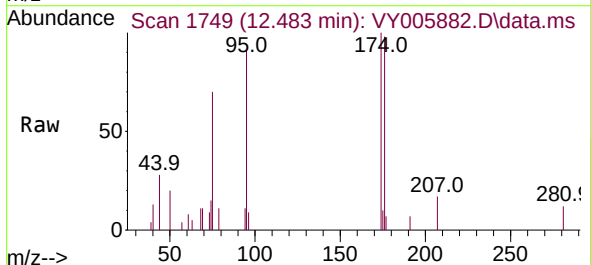
Instrument :
 MSVOA_Y
 ClientSampled :

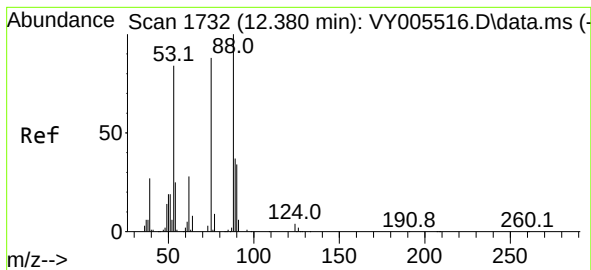
Tgt Ion:152 Resp: 1279
 Ion Ratio Lower Upper
 152 100
 115 61.1 27.3 81.9
 150 179.0 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 74.467 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005882.D
 Acq: 27 Aug 2021 14:42

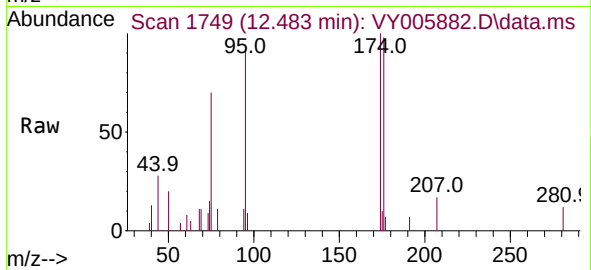
Tgt Ion: 75 Resp: 987
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.117 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005882.D
 Acq: 27 Aug 2021 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 987
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

