

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005664.D
 Acq On : 16 Aug 2021 12:49
 Operator : SY/MD
 Sample : M3408-13RE
 Misc : 9.83G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 34N

Quant Time: Aug 17 05:18:19 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)

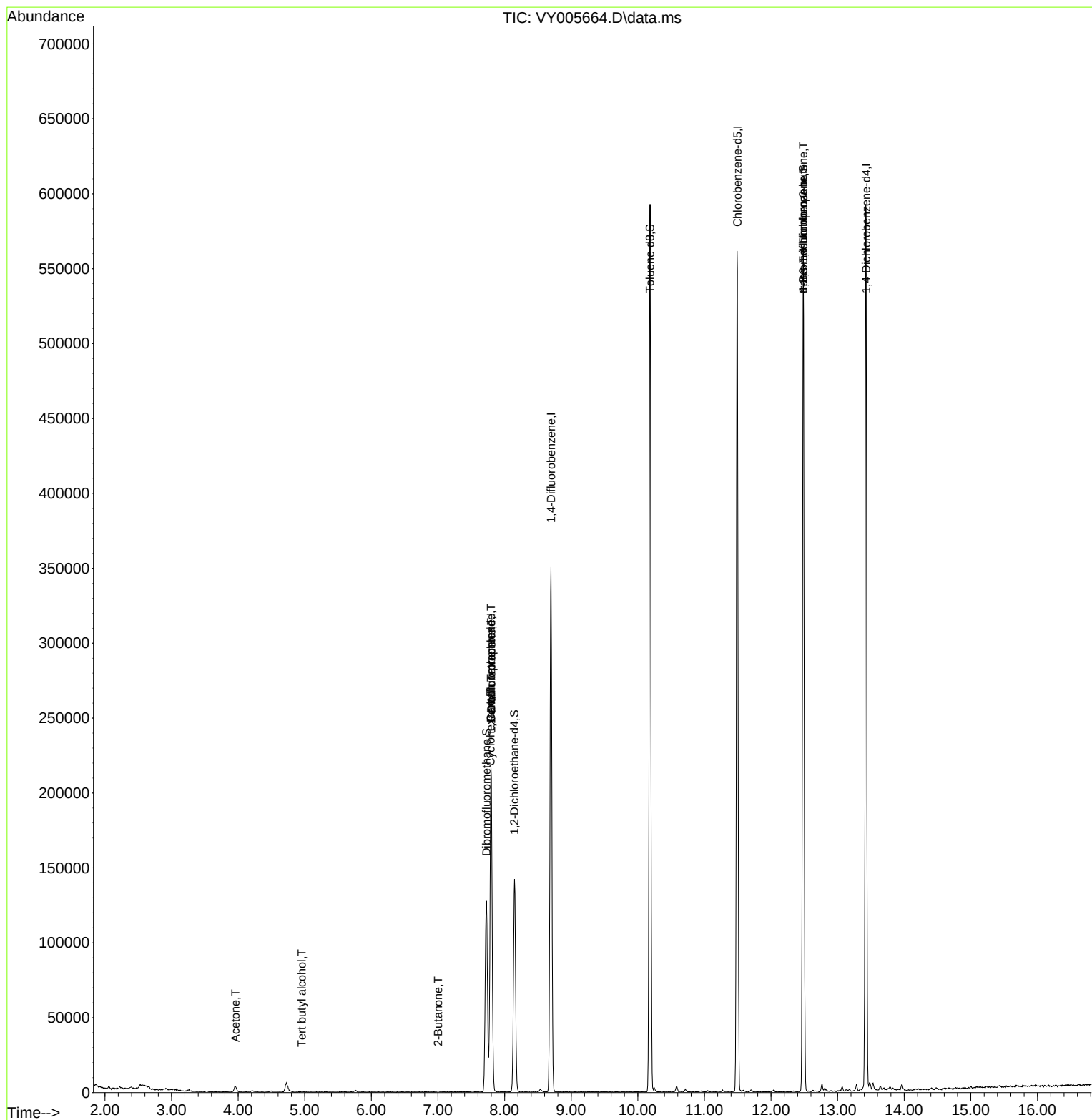
Internal Standards						
1) Pentafluorobenzene	7.795	168	173735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	301935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115578	65.720	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.440%			
35) Dibromofluoromethane	7.728	113	87011	52.986	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.980%			
50) Toluene-d8	10.185	98	379184	55.057	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.120%			
62) 4-Bromofluorobenzene	12.483	95	133222	58.414	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.820%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.954	59	400	2.301	ug/l #	73
16) Acetone	3.960	43	7050	15.900	ug/l	96
20) Methylene Chloride	4.722	84	4143	Below Cal	#	84
25) 2-Butanone	7.003	43	779	1.189	ug/l #	80
31) Cyclohexane	7.789	56	3450	1.144	ug/l #	42
36) 1,1-Dichloropropene	7.801	75	12431	4.519	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15930	5.328	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	75355	46.372	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75355	93.480	ug/l #	11

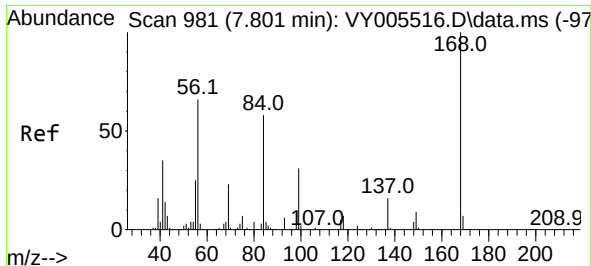
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
Data File : VY005664.D
Acq On : 16 Aug 2021 12:49
Operator : SY/MD
Sample : M3408-13RE
Misc : 9.83G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
34N

Quant Time: Aug 17 05:18:19 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

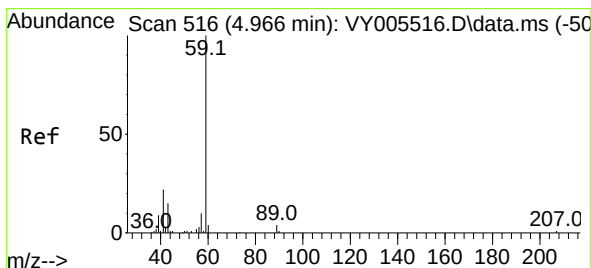
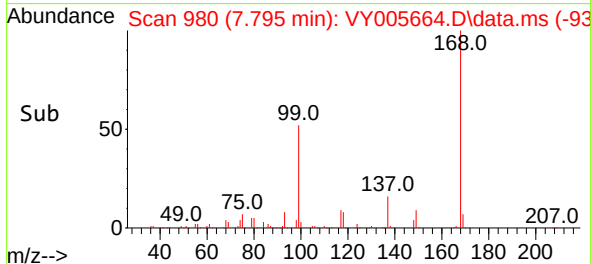
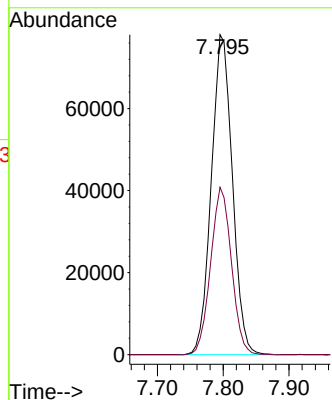
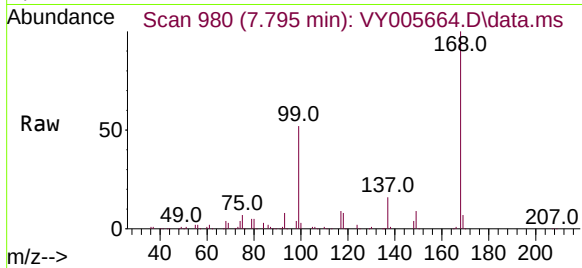




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

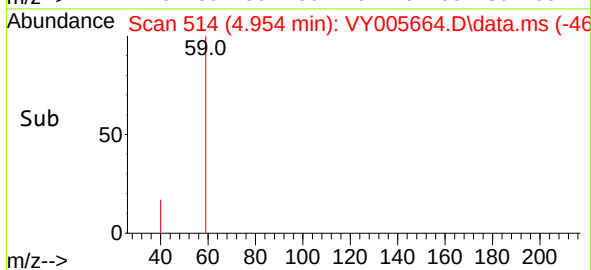
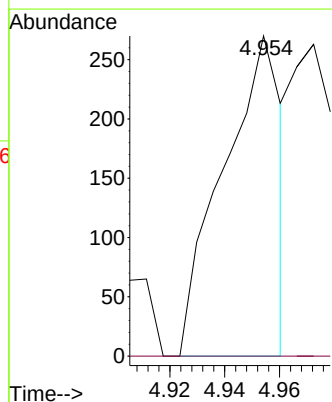
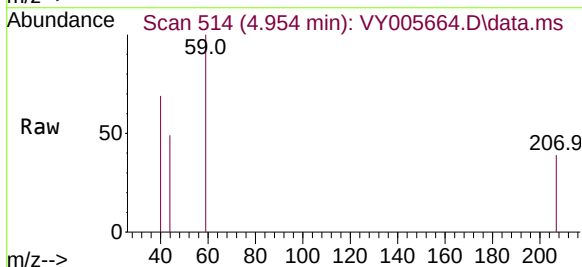
Instrument :
MSVOA_Y
ClientSampled :
34N

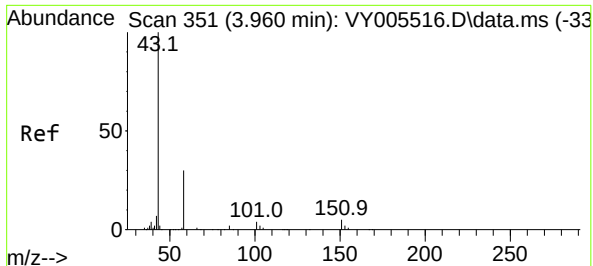
Tgt Ion:168 Resp: 173735
Ion Ratio Lower Upper
168 100
99 52.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.301 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

Tgt Ion: 59 Resp: 400
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

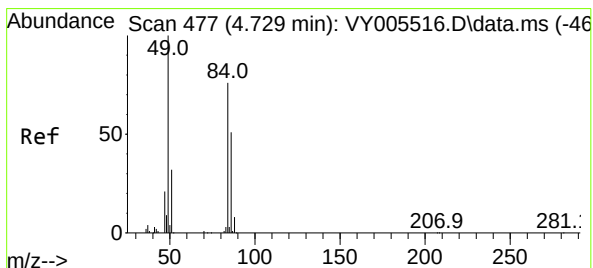
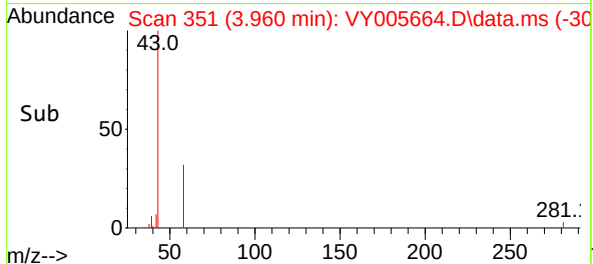
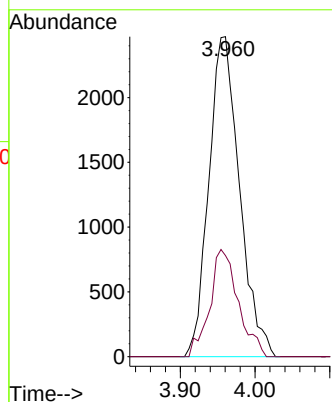
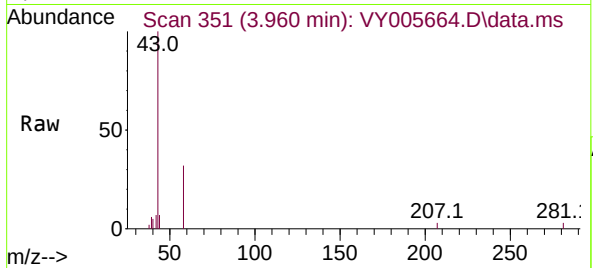




#16
Acetone
Concen: 15.900 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

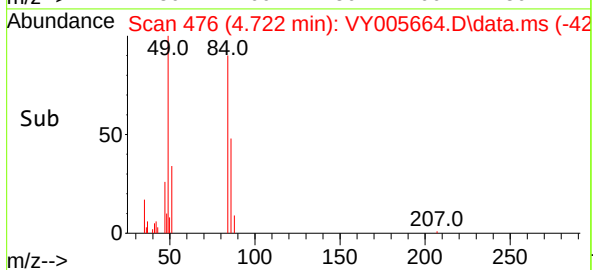
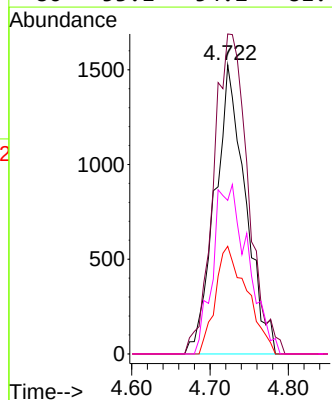
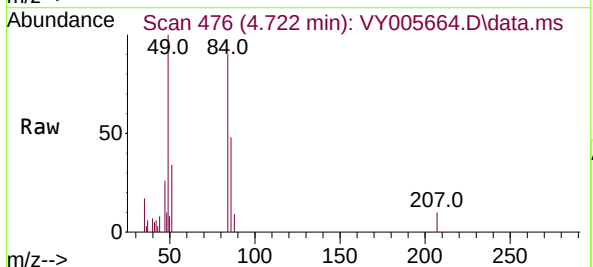
Instrument :
MSVOA_Y
ClientSampled :
34N

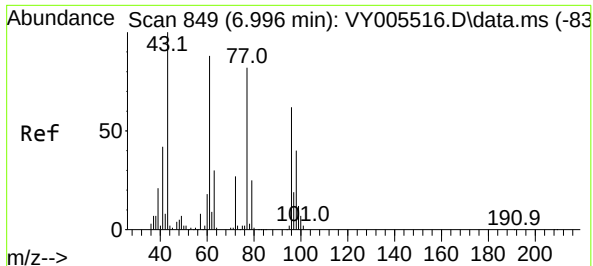
Tgt Ion: 43 Resp: 7050
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

Tgt Ion: 84 Resp: 4143
Ion Ratio Lower Upper
84 100
49 110.7 105.8 158.6
51 37.2 33.4 50.2
86 53.1 54.2 81.4#





#25

2-Butanone

Concen: 1.189 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY005664.D

Acq: 16 Aug 2021 12:49

Instrument :

MSVOA_Y

ClientSampled :

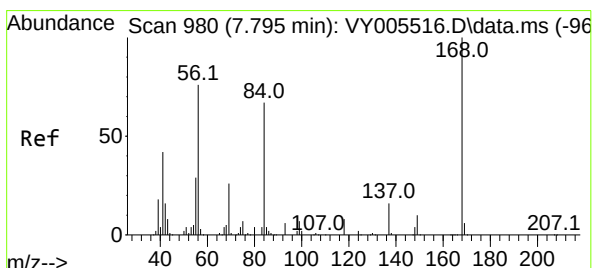
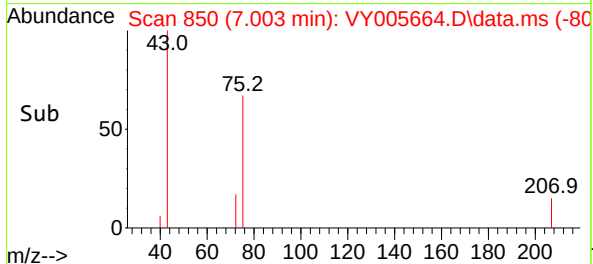
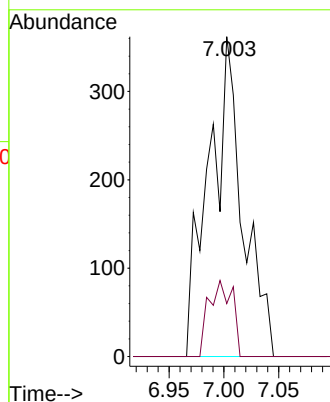
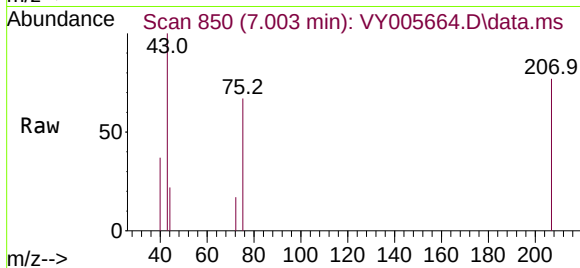
34N

Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

43 100

72 16.6 21.4 32.2#



#31

Cyclohexane

Concen: 1.144 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY005664.D

Acq: 16 Aug 2021 12:49

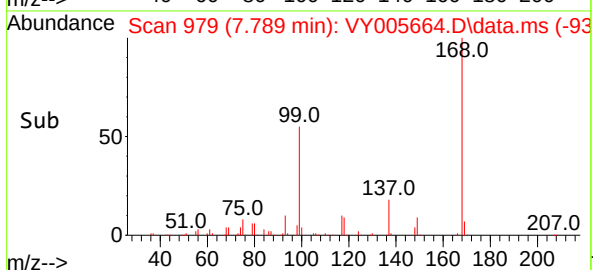
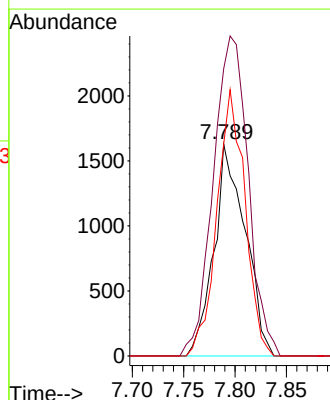
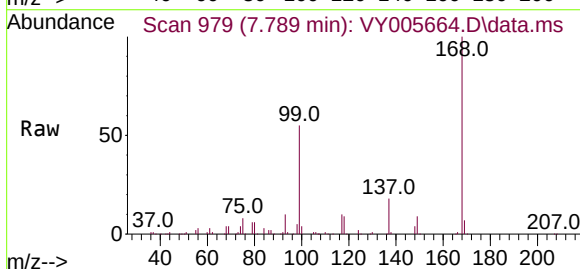
Tgt Ion: 56 Resp: 3450

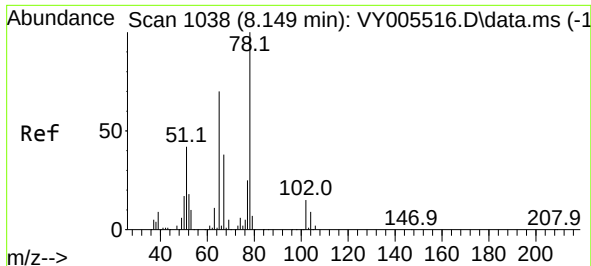
Ion Ratio Lower Upper

56 100

69 135.7 27.7 41.5#

84 100.2 70.9 106.3

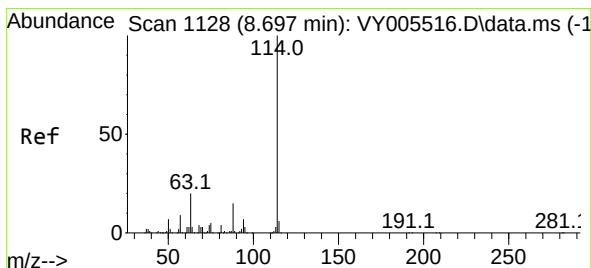
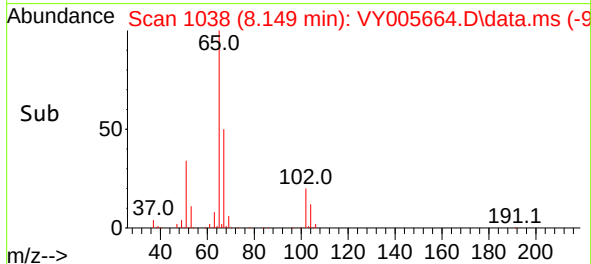
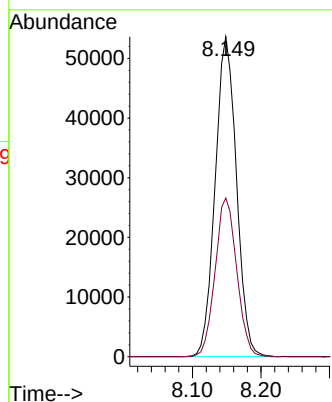
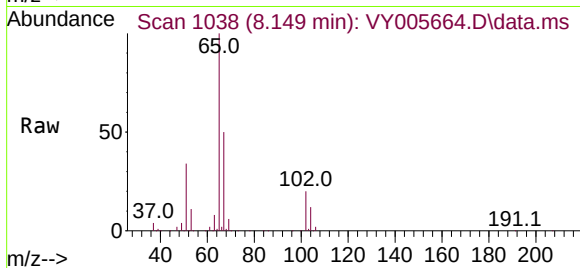




#33
 1,2-Dichloroethane-d4
 Concen: 65.720 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005664.D
 Acq: 16 Aug 2021 12:49

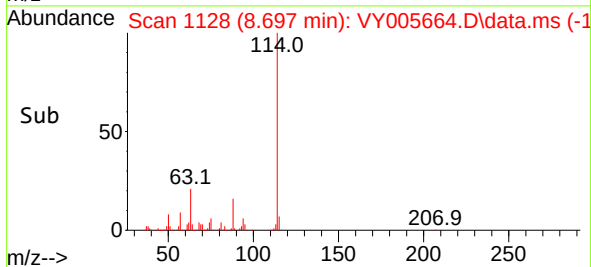
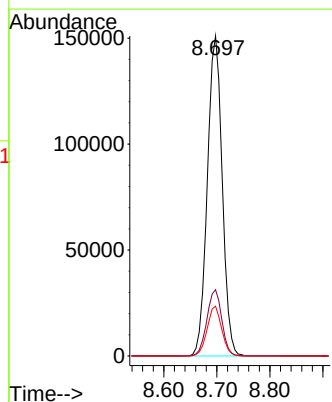
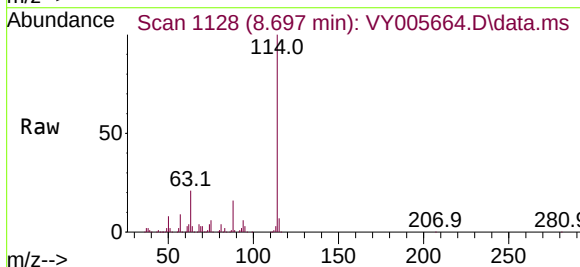
Instrument :
 MSVOA_Y
 ClientSampled :
 34N

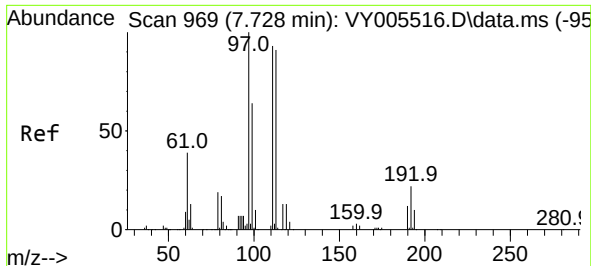
Tgt Ion: 65 Resp: 115578
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005664.D
 Acq: 16 Aug 2021 12:49

Tgt Ion: 114 Resp: 293308
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 15.5 0.0 30.8

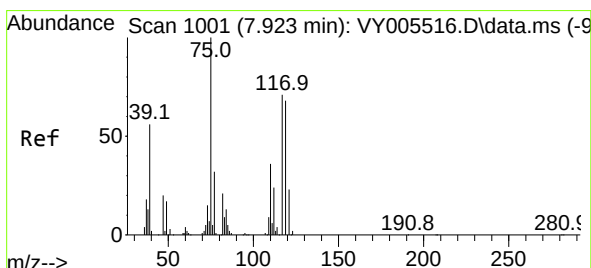
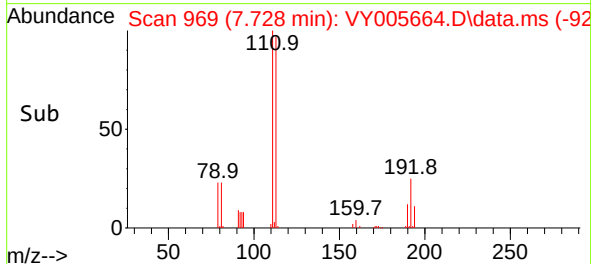
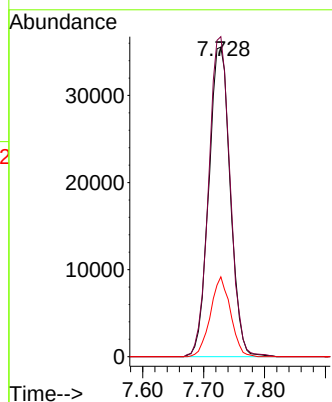
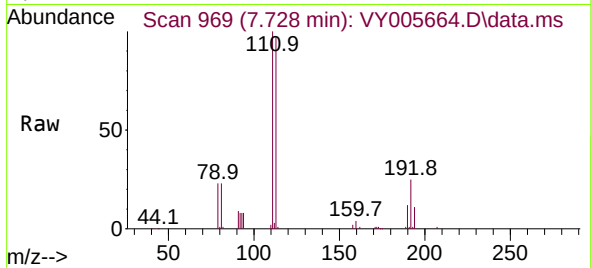




#35
Dibromofluoromethane
Concen: 52.986 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

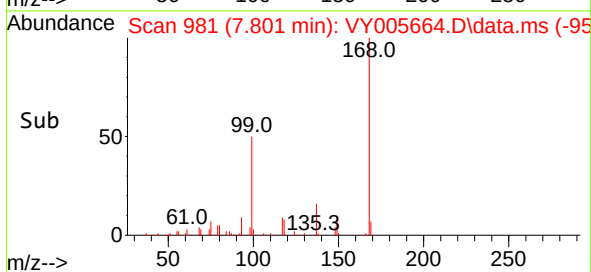
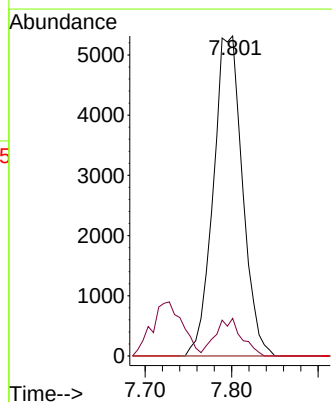
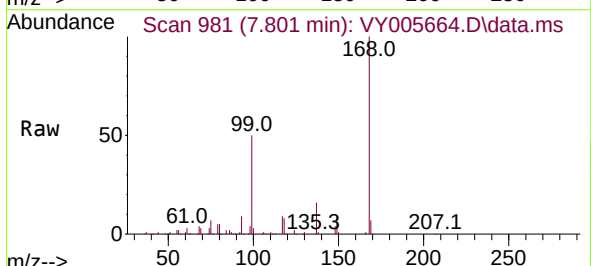
Instrument :
MSVOA_Y
ClientSampled :
34N

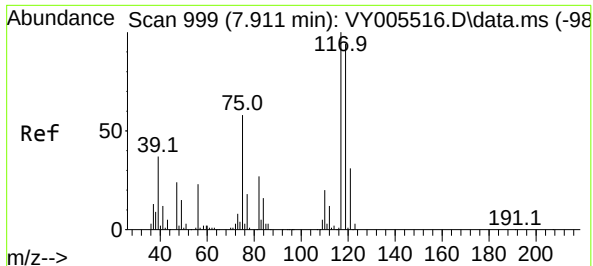
Tgt Ion: 113 Resp: 87011
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 24.2 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.519 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

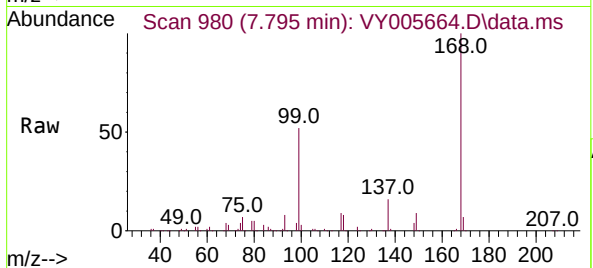
Tgt Ion: 75 Resp: 12431
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.1#
77 0.0 25.1 37.7#



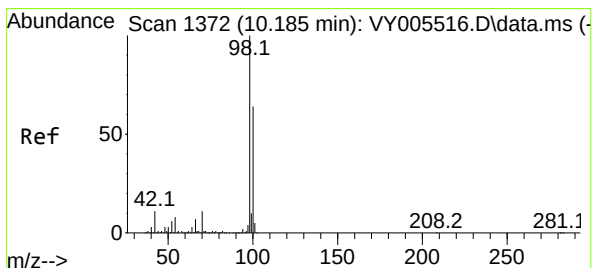
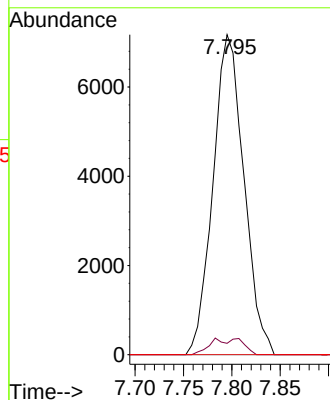
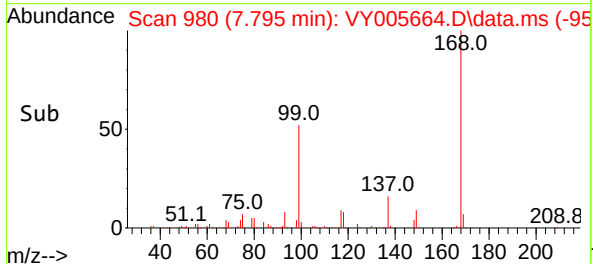


#38
Carbon Tetrachloride
Concen: 5.328 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

Instrument :
MSVOA_Y
ClientSampleId :
34N

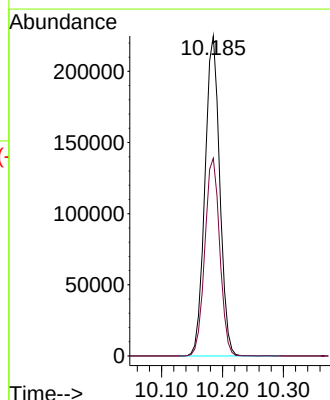
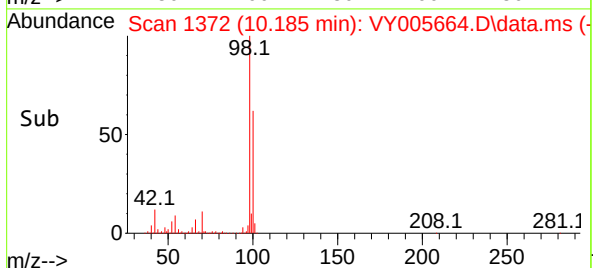
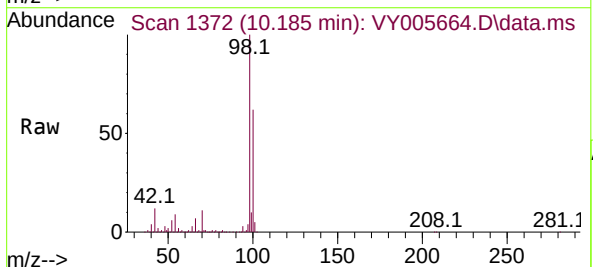


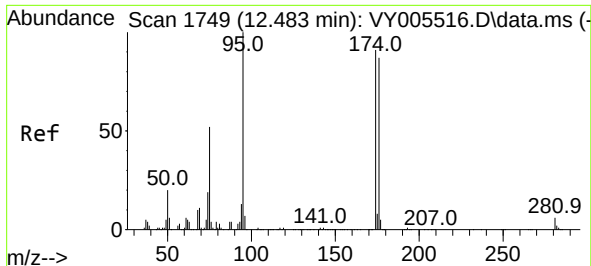
Tgt Ion:117 Resp: 15930
Ion Ratio Lower Upper
117 100
119 3.5 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.057 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

Tgt Ion: 98 Resp: 379184
Ion Ratio Lower Upper
98 100
100 62.2 51.3 76.9

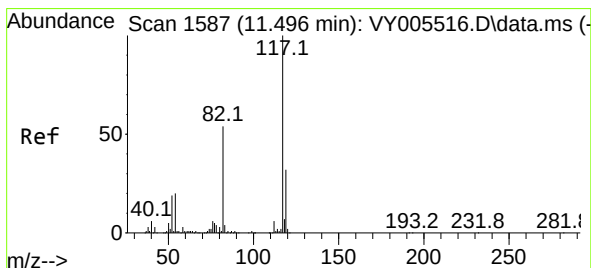
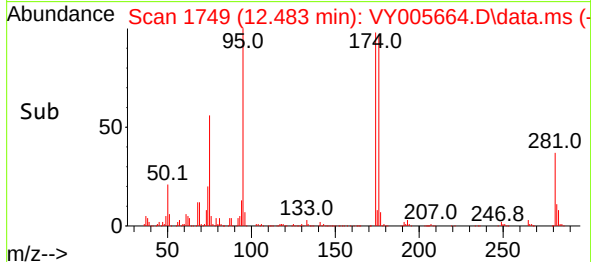
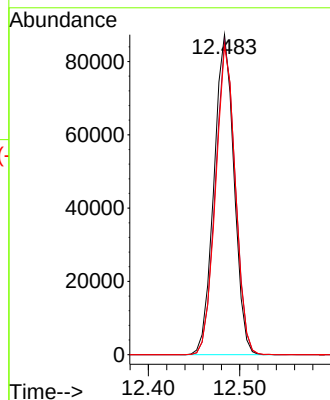
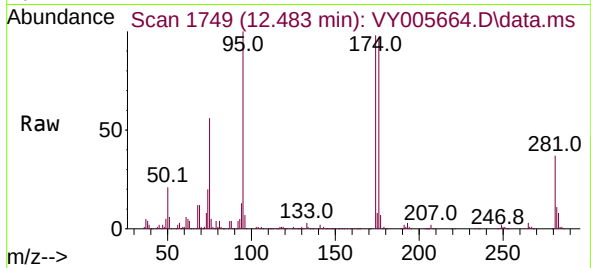




#62
4-Bromofluorobenzene
Concen: 58.414 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

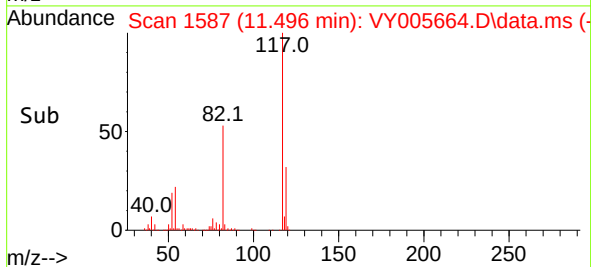
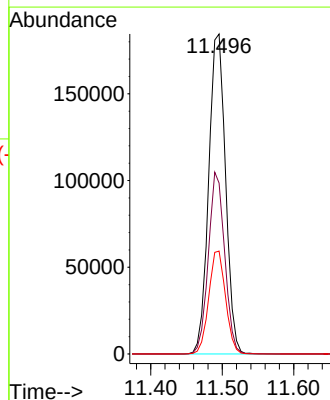
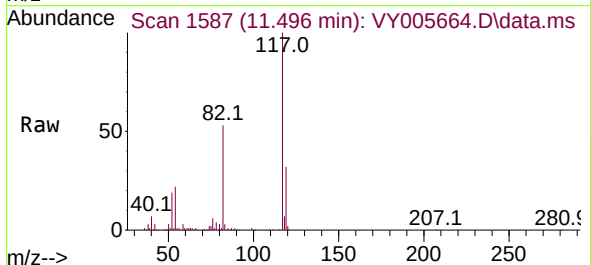
Instrument :
MSVOA_Y
ClientSampleId :
34N

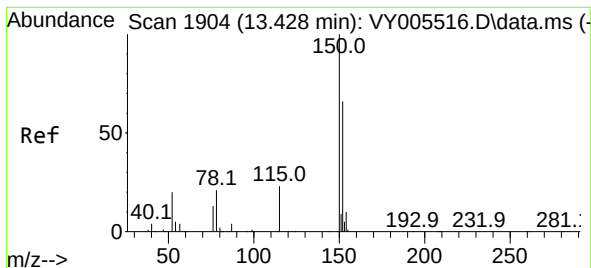
Tgt Ion:	95	Resp:	133222
Ion Ratio	Lower	Upper	
95	100		
174	96.5	0.0	191.4
176	95.1	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005664.D
Acq: 16 Aug 2021 12:49

Tgt Ion:	117	Resp:	301935
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.5	65.3
119	32.1	25.5	38.3

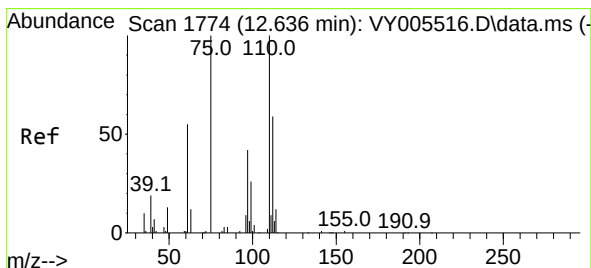
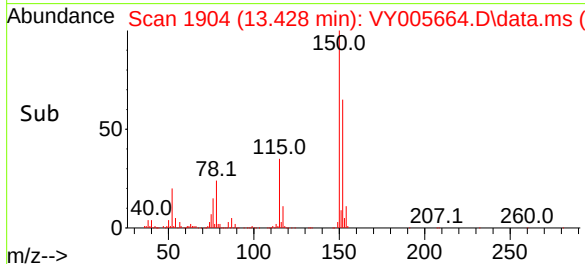
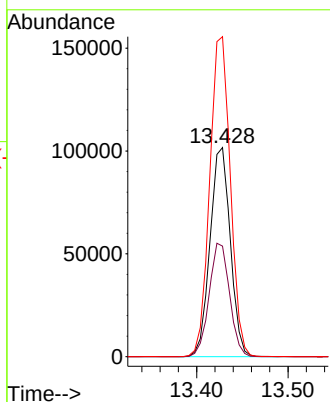
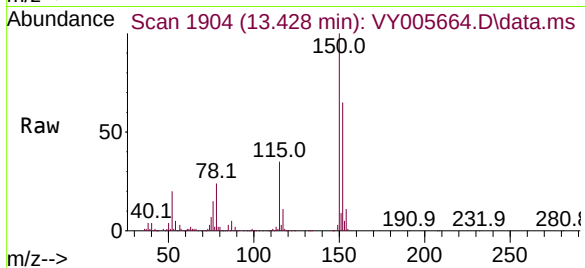




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005664.D
 Acq: 16 Aug 2021 12:49

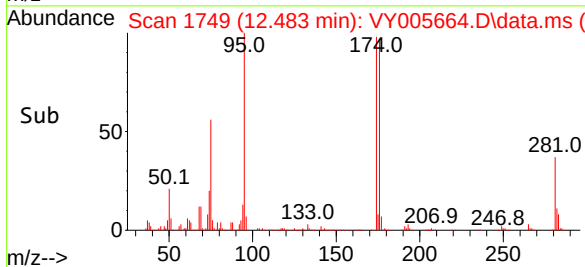
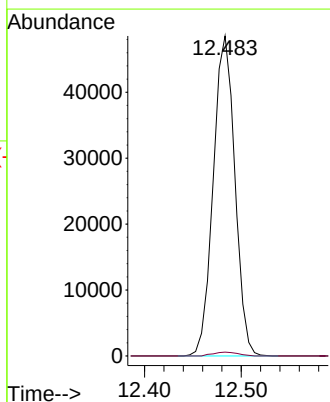
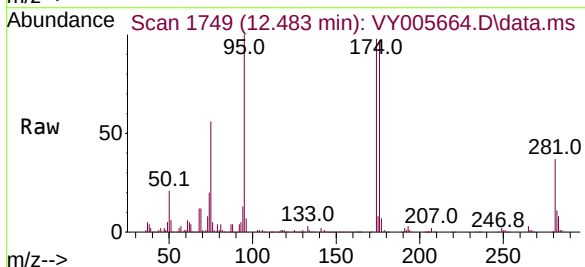
Instrument :
 MSVOA_Y
 ClientSampleId :
 34N

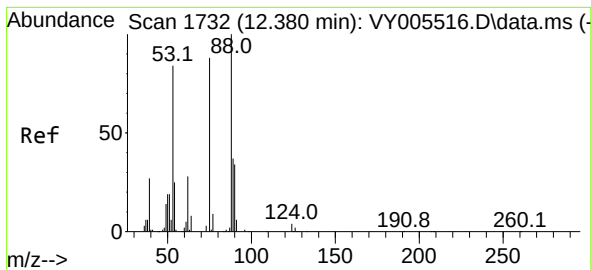
Tgt Ion:152 Resp: 156810
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.3 81.9
 150 155.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.372 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005664.D
 Acq: 16 Aug 2021 12:49

Tgt Ion: 75 Resp: 75355
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.480 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005664.D
 Acq: 16 Aug 2021 12:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 34N

Tgt Ion: 75 Resp: 75355
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.6 38.4 57.6#

