

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005706.D
 Acq On : 17 Aug 2021 11:34
 Operator : SY/MD
 Sample : VY0817SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:50:52 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)

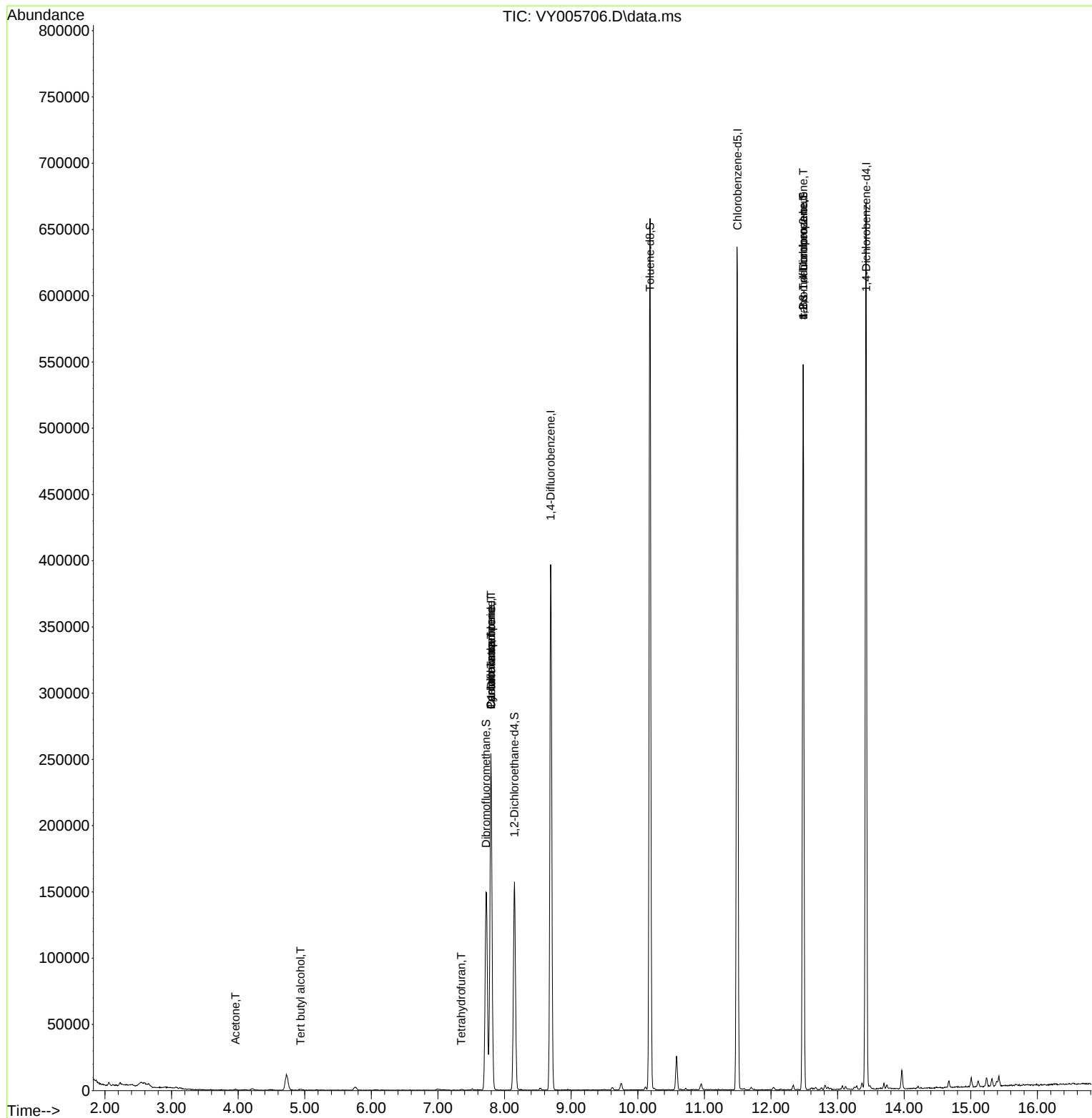
Internal Standards						
1) Pentafluorobenzene	7.795	168	200126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	340317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126050	62.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.440%	
35) Dibromofluoromethane	7.722	113	102018	54.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.960%	
50) Toluene-d8	10.185	98	431375	54.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.860%	
62) 4-Bromofluorobenzene	12.483	95	150397	57.835	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.660%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	381	1.903	ug/l #	73
16) Acetone	3.960	43	1174	2.299	ug/l	91
20) Methylene Chloride	4.735	84	8299	Below Cal	#	81
29) Tetrahydrofuran	7.350	42	540	1.081	ug/l #	63
31) Cyclohexane	7.795	56	3937	1.133	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	13694	4.366	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18752	5.500	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	83519	46.775	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83519	94.291	ug/l #	11

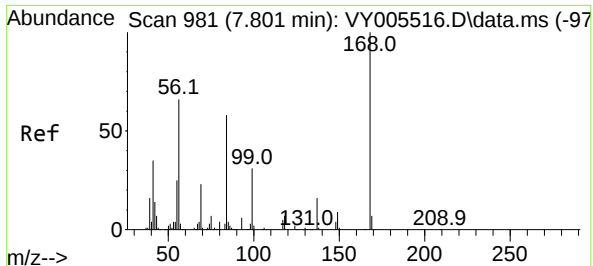
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 18 01:50:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

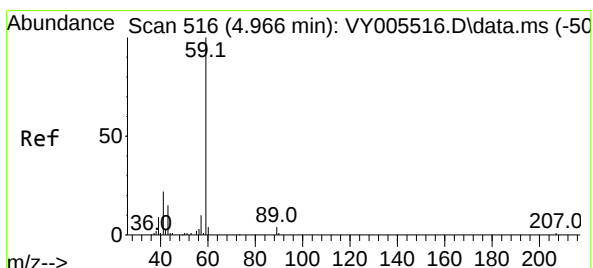
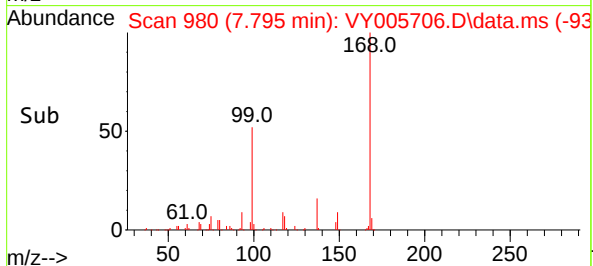
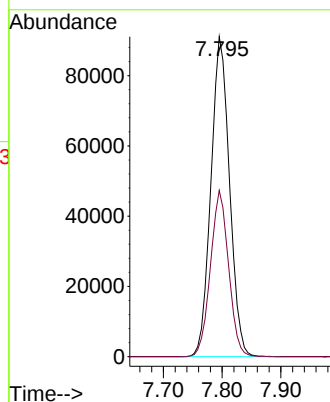
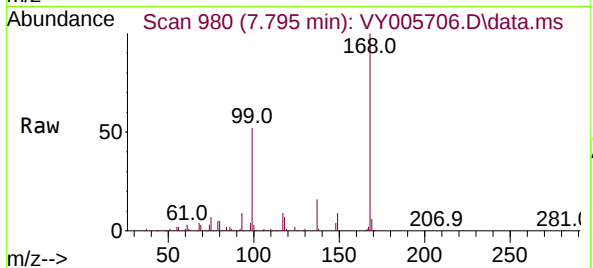




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

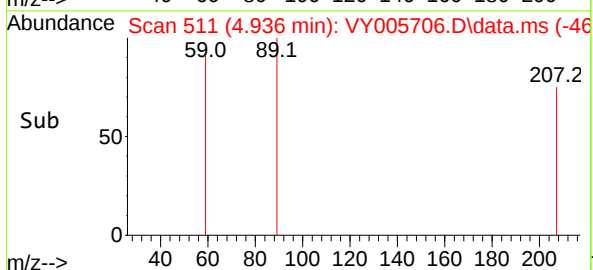
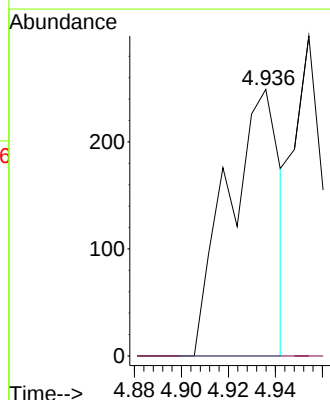
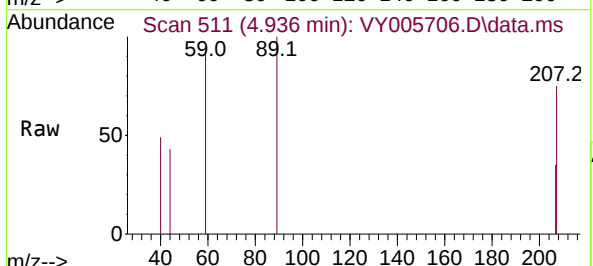
Instrument :
MSVOA_Y
ClientSampleId :

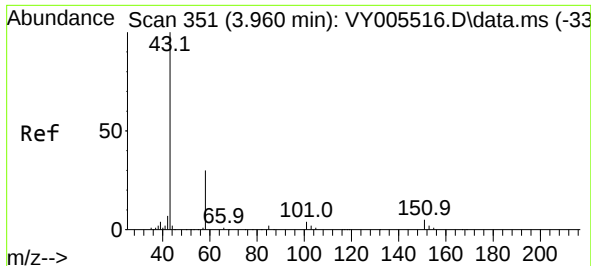
Tgt Ion:168 Resp: 200126
Ion Ratio Lower Upper
168 100
99 52.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.903 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

Tgt Ion: 59 Resp: 381
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

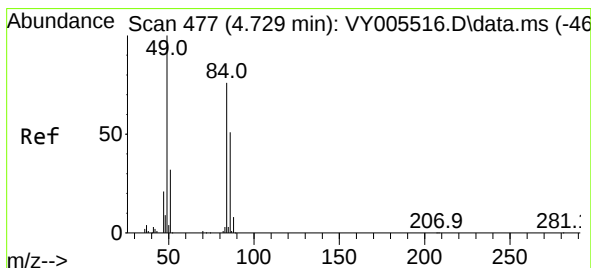
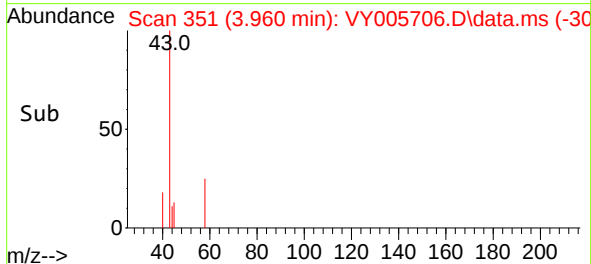
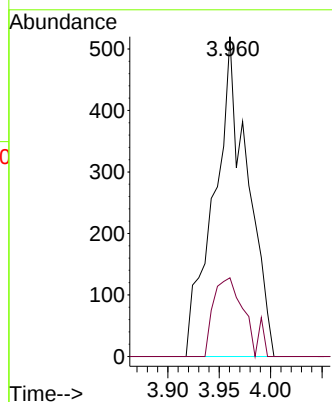
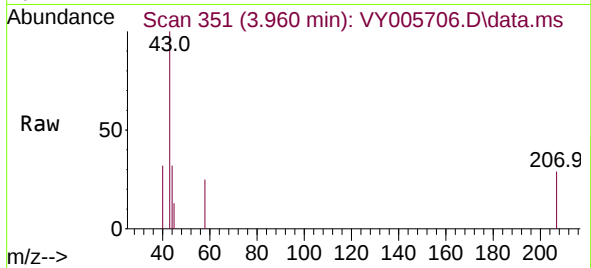




#16
Acetone
Concen: 2.299 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

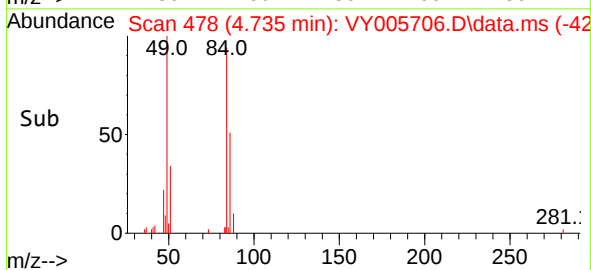
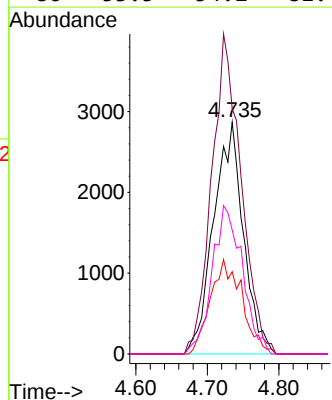
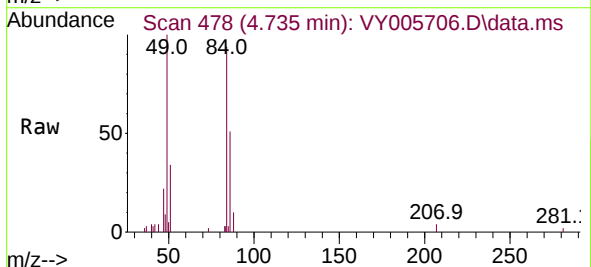
Instrument :
MSVOA_Y
ClientSampled :

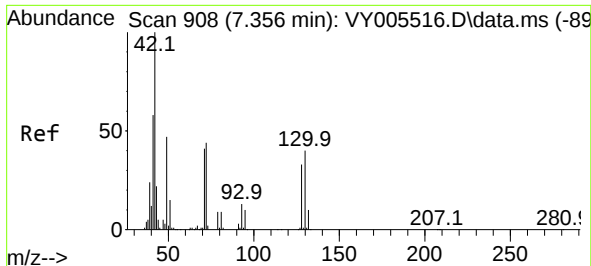
Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
58 24.6 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

Tgt Ion: 84 Resp: 8299
Ion Ratio Lower Upper
84 100
49 105.9 105.8 158.6
51 35.5 33.4 50.2
86 53.5 54.2 81.4#





#29

Tetrahydrofuran

Concen: 1.081 ug/l

RT: 7.350 min Scan# 907

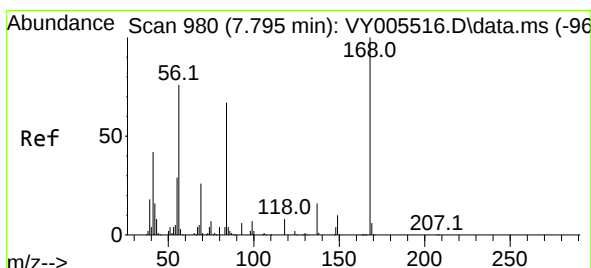
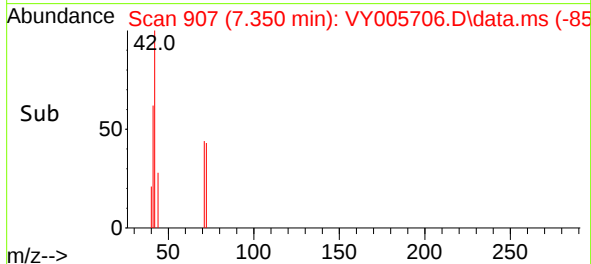
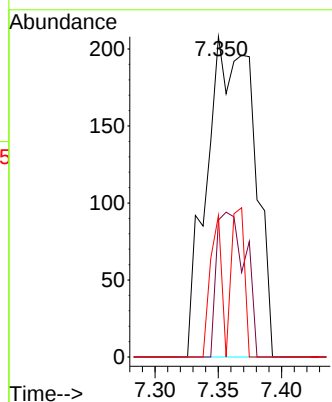
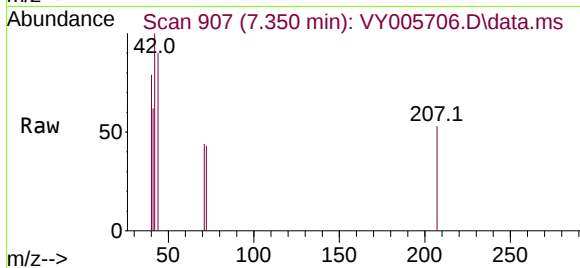
Delta R.T. -0.006 min

Lab File: VY005706.D

Acq: 17 Aug 2021 11:34

Tgt Ion:	42	Resp:	540
Ion Ratio	Lower	Upper	
42	100		
72	27.4	35.0	52.4#
71	10.6	33.3	49.9#

Instrument :
MSVOA_Y
ClientSampleId :



#31

Cyclohexane

Concen: 1.133 ug/l

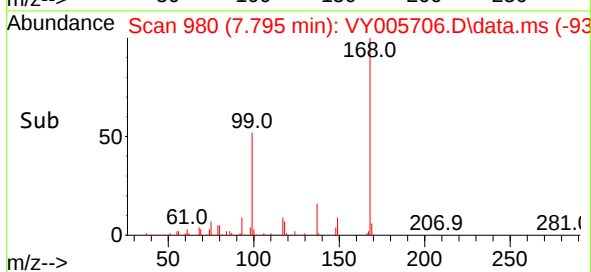
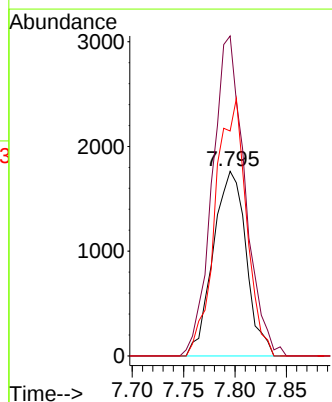
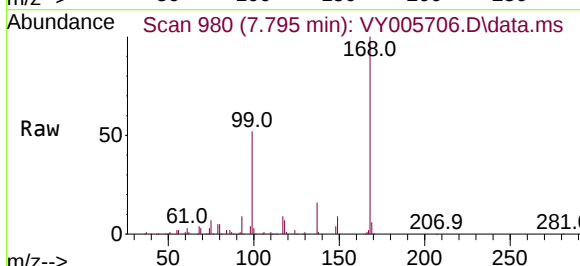
RT: 7.795 min Scan# 980

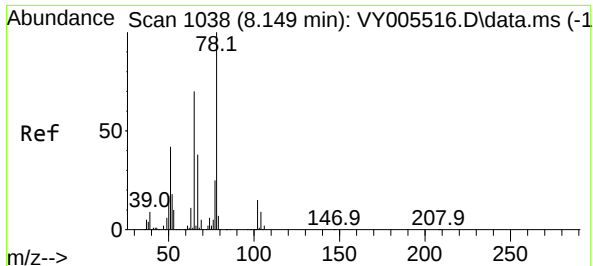
Delta R.T. 0.000 min

Lab File: VY005706.D

Acq: 17 Aug 2021 11:34

Tgt Ion:	56	Resp:	3937
Ion Ratio	Lower	Upper	
56	100		
69	173.3	27.7	41.5#
84	121.8	70.9	106.3#

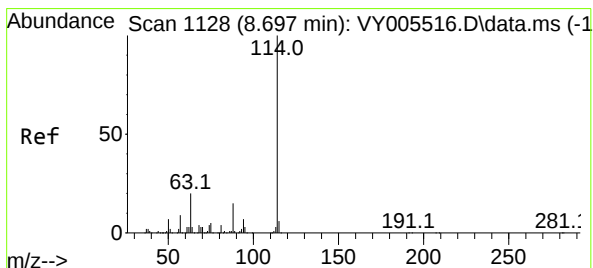
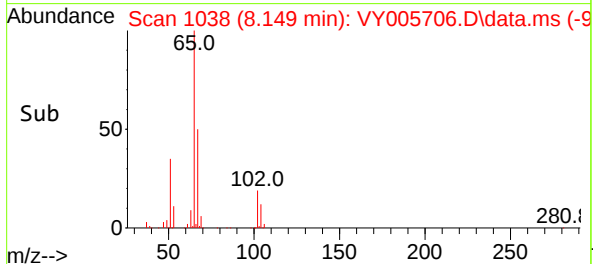
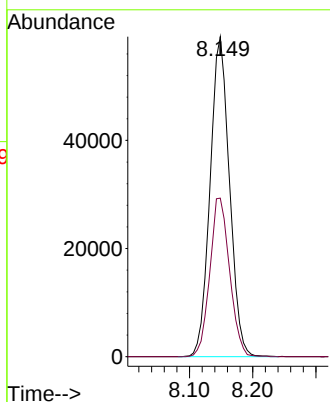
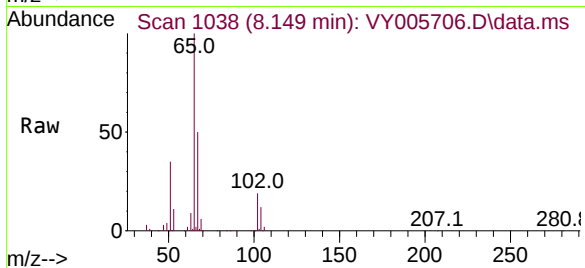




#33
1,2-Dichloroethane-d4
Concen: 62.223 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

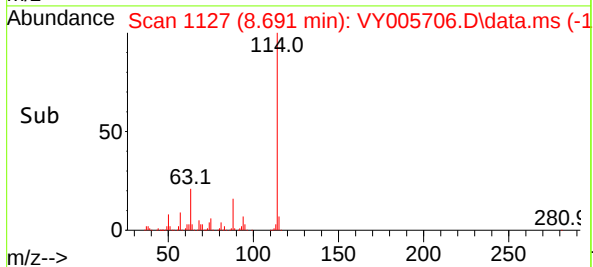
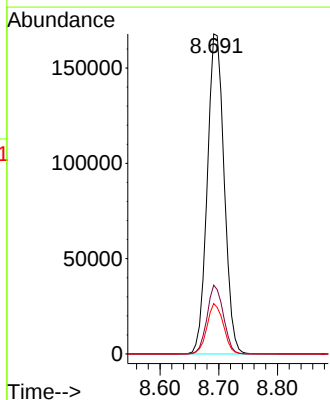
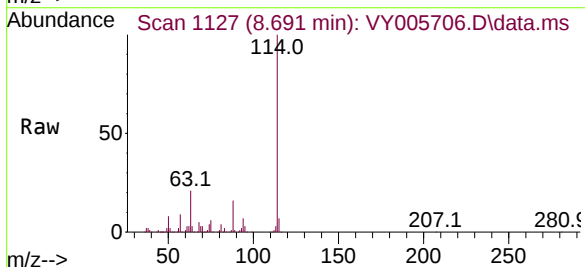
Instrument :
MSVOA_Y
ClientSampled :

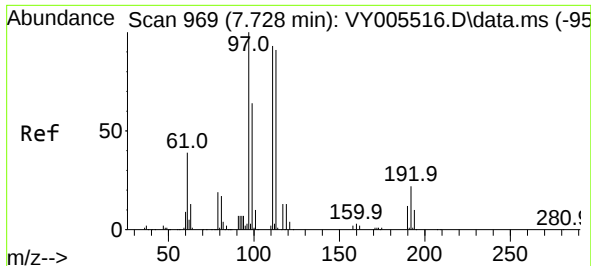
Tgt Ion: 65 Resp: 126050
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

Tgt Ion:114 Resp: 334436
Ion Ratio Lower Upper
114 100
63 21.5 0.0 39.2
88 15.8 0.0 30.8

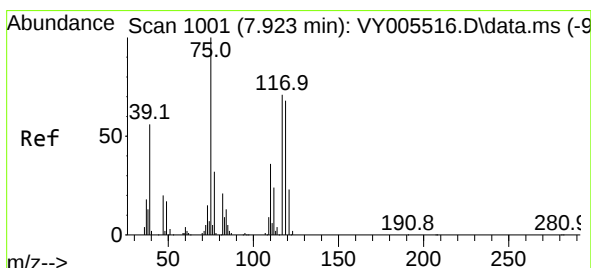
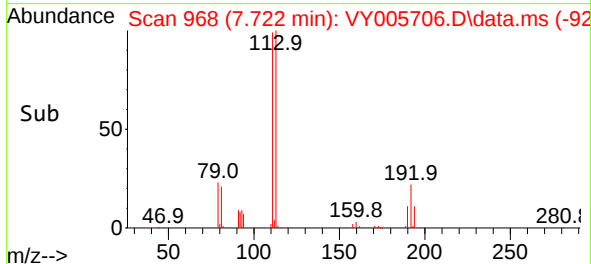
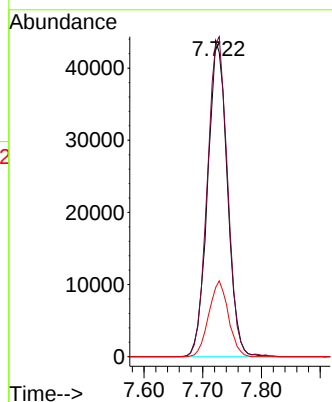
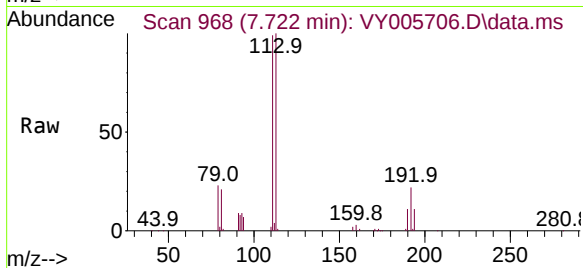




#35
Dibromofluoromethane
Concen: 54.484 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

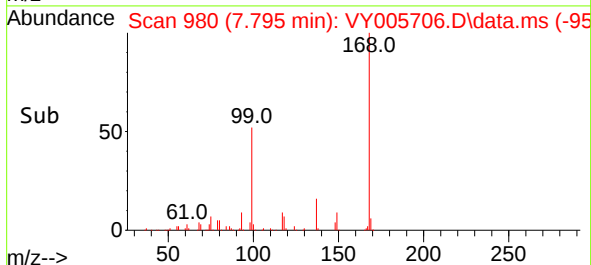
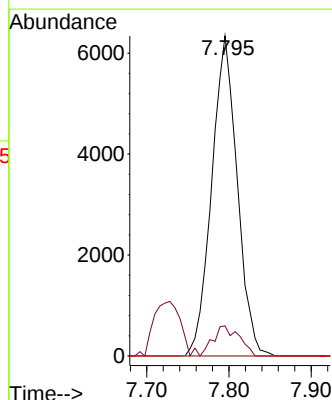
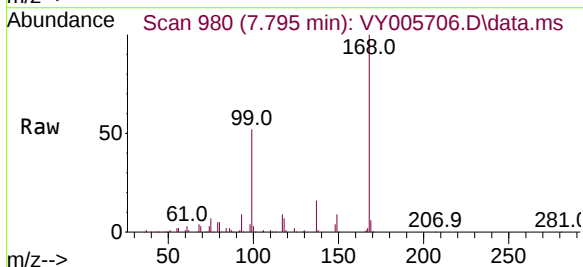
Instrument :
MSVOA_Y
ClientSampleId :

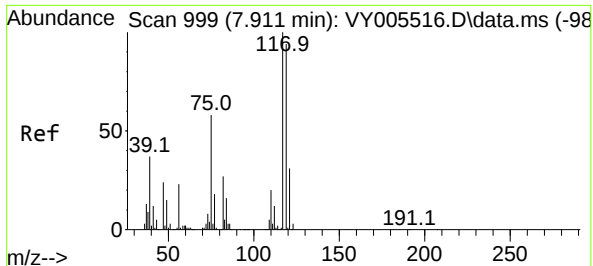
Tgt Ion:113 Resp: 102018
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 23.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.366 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

Tgt Ion: 75 Resp: 13694
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.1#
77 0.0 25.1 37.7#

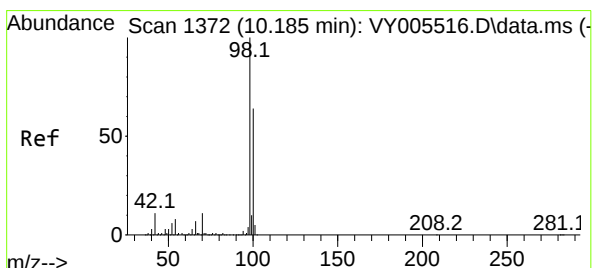
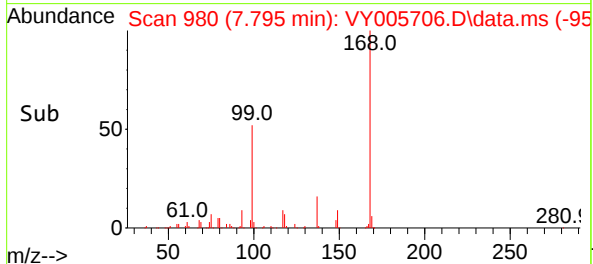
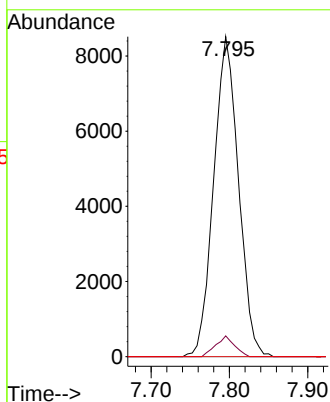
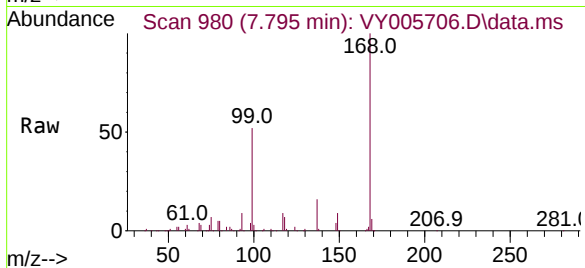




#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

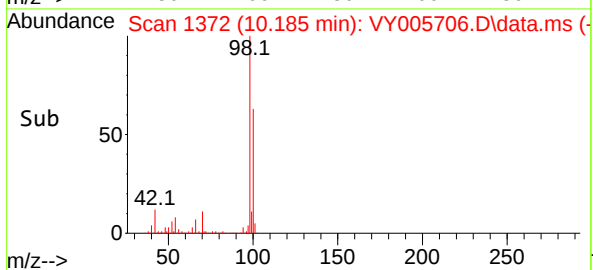
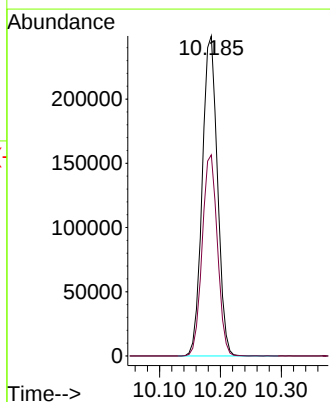
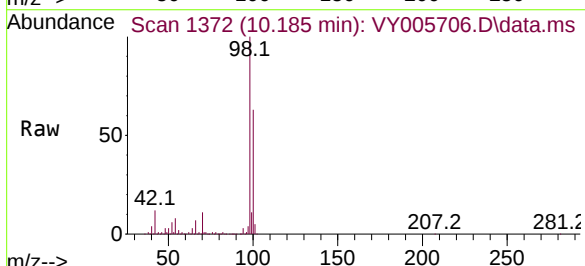
Instrument :
MSVOA_Y
ClientSampled :

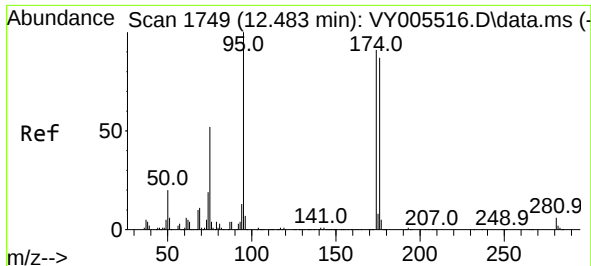
Tgt Ion:117 Resp: 18752
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.932 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

Tgt Ion: 98 Resp: 431375
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

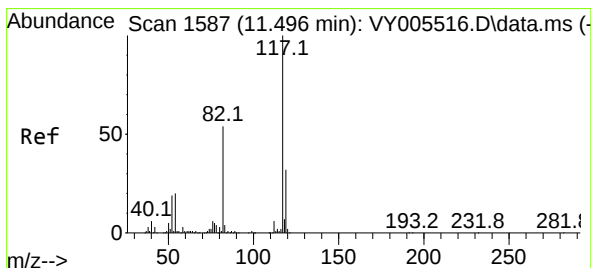
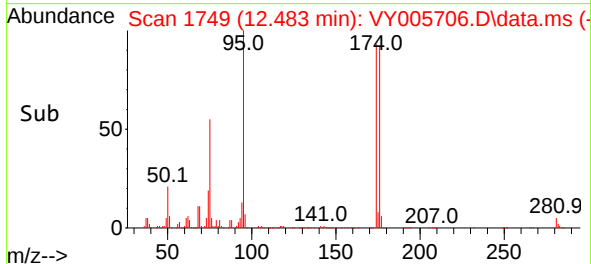
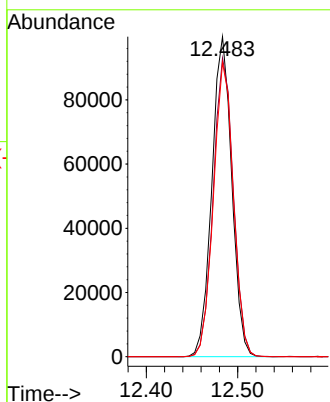
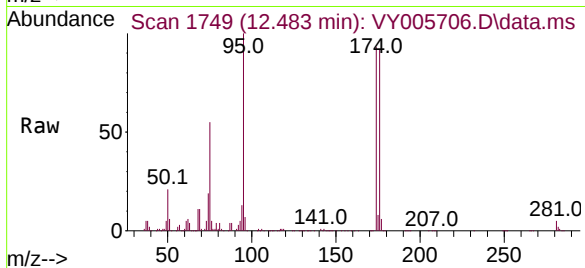




#62
4-Bromofluorobenzene
Concen: 57.835 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

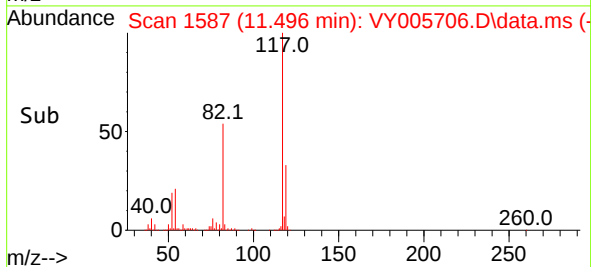
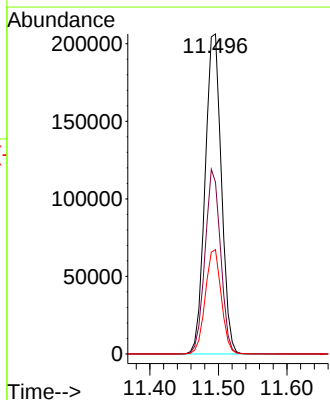
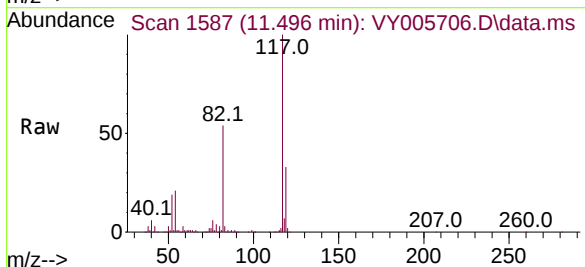
Instrument :
MSVOA_Y
ClientSampled :

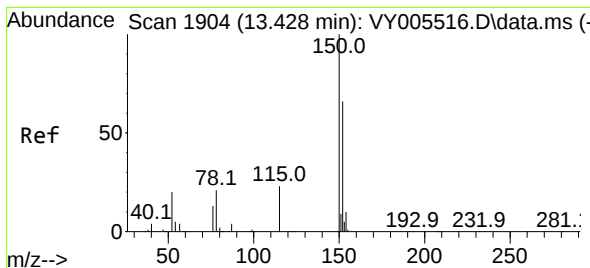
Tgt Ion: 95 Resp: 150397
Ion Ratio Lower Upper
95 100
174 94.6 0.0 191.4
176 92.1 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005706.D
Acq: 17 Aug 2021 11:34

Tgt Ion: 117 Resp: 340317
Ion Ratio Lower Upper
117 100
82 53.7 43.5 65.3
119 32.6 25.5 38.3

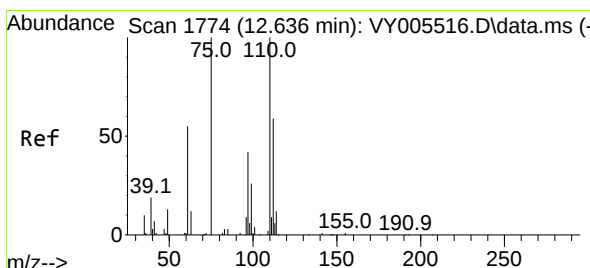
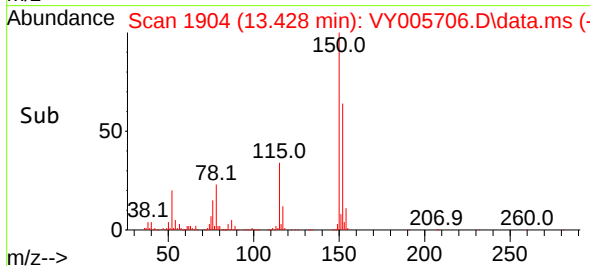
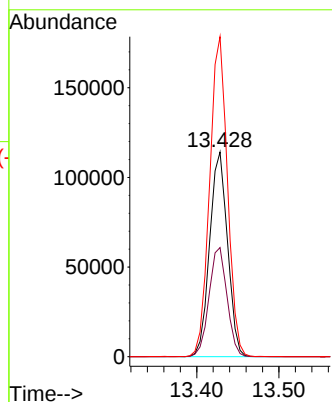
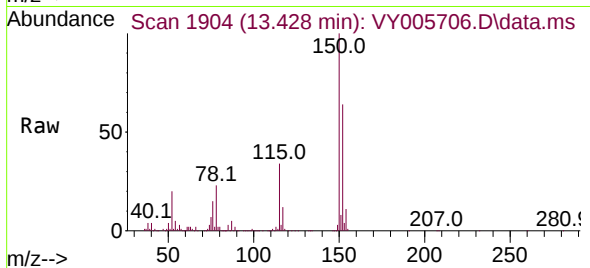




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005706.D
 Acq: 17 Aug 2021 11:34

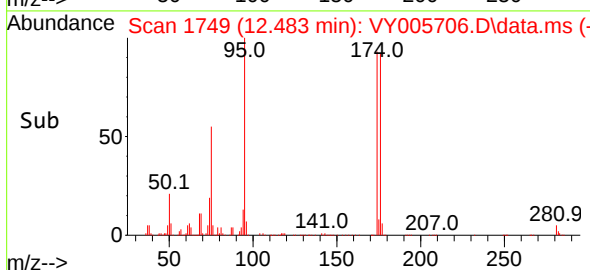
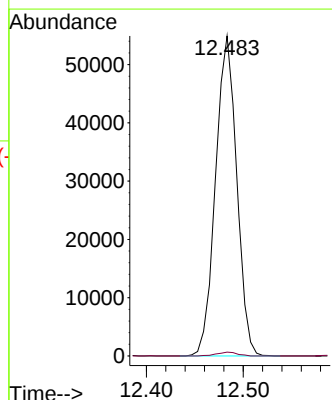
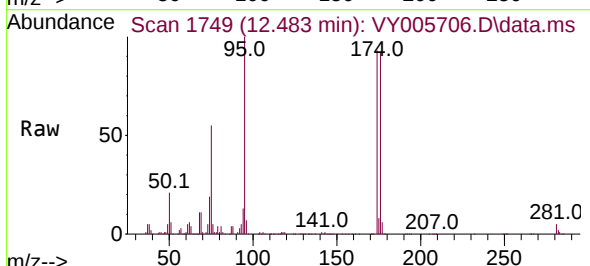
Instrument :
 MSVOA_Y
 ClientSampled :

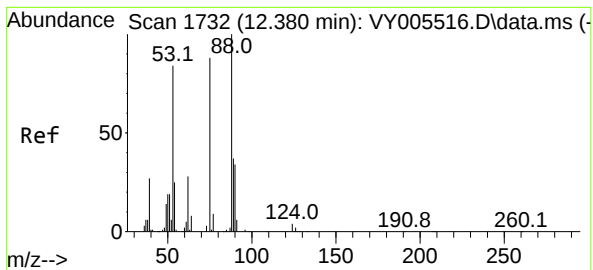
Tgt Ion:152 Resp: 172304
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.3 81.9
 150 155.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.775 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005706.D
 Acq: 17 Aug 2021 11:34

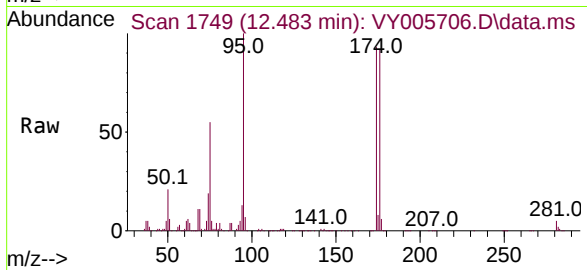
Tgt Ion: 75 Resp: 83519
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.291 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005706.D
 Acq: 17 Aug 2021 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	83519
Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.0	38.4	57.6#

