

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005168.D
 Acq On : 17 Jun 2021 19:39
 Operator : SY/MD
 Sample : M2735-05
 Misc : 6.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

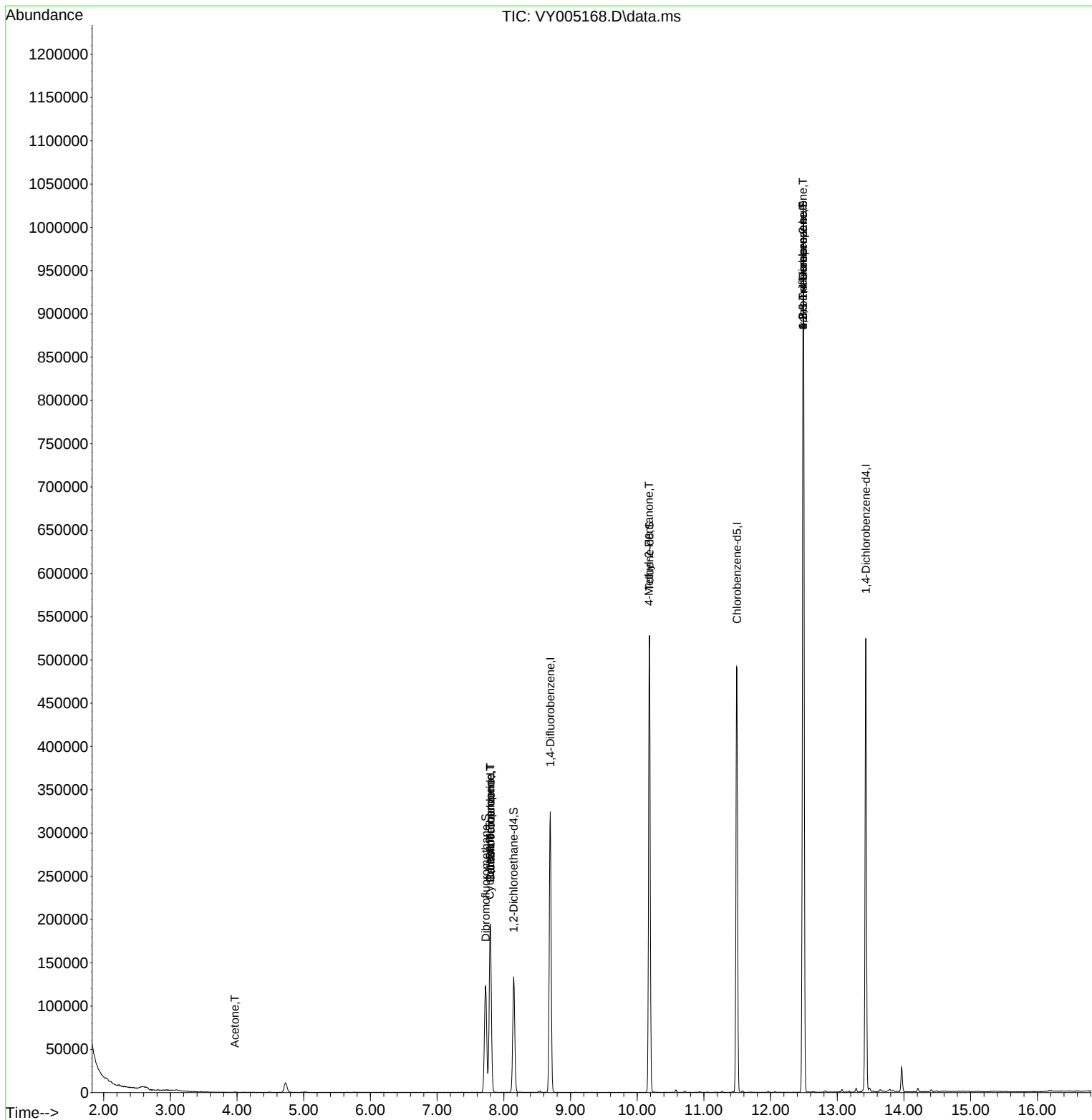
Quant Time: Jun 18 03:05:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

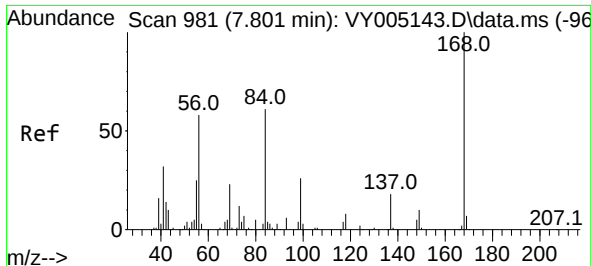
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	151397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	276294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102439	69.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.960%	
35) Dibromofluoromethane	7.728	113	88098	74.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.120%#	
50) Toluene-d8	10.185	98	345320	58.665	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.340%	
62) 4-Bromofluorobenzene	12.483	95	121654	61.452	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	305	Below Cal	#	74
16) Acetone	3.966	43	506	1.699	ug/l	89
20) Methylene Chloride	4.722	84	8854	Below Cal		90
31) Cyclohexane	7.789	56	3024	1.214	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11580	4.577	ug/l #	48
38) Carbon Tetrachloride	7.801	117	15070	5.610	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1426	1.180	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	70768	61.676	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70768	115.061	ug/l #	13

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

Quant Time: Jun 18 03:05:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:40:35 2021
Response via : Initial Calibration

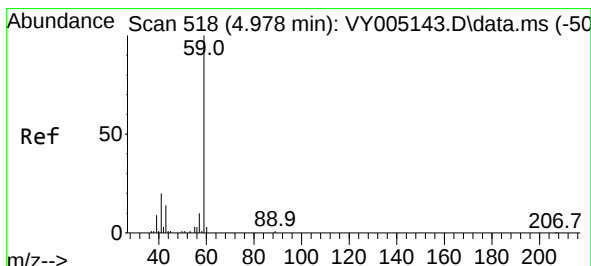
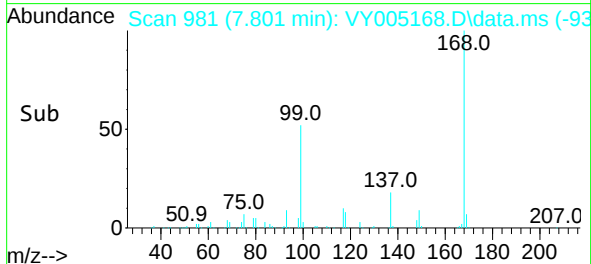
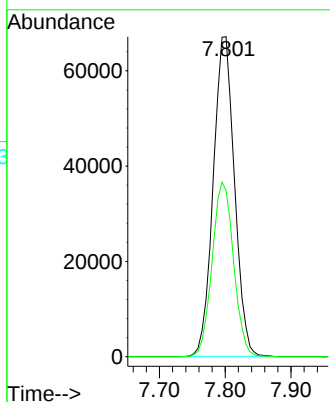
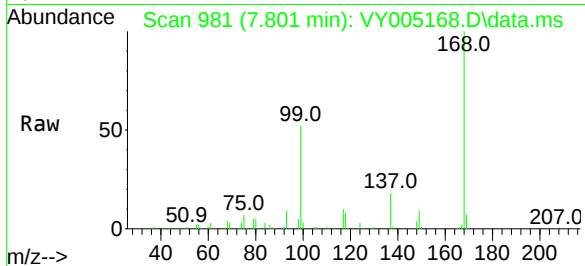




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

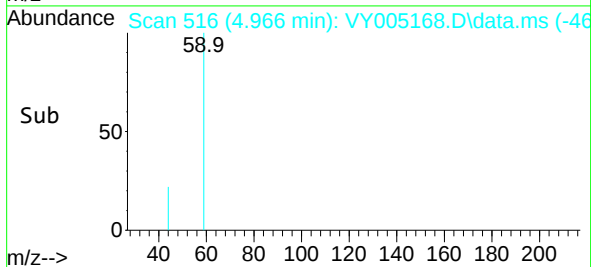
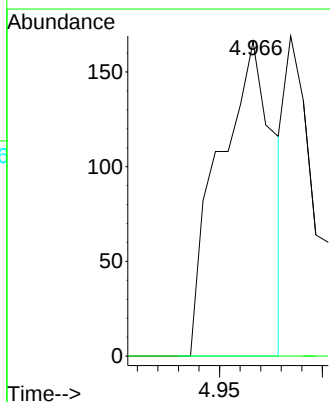
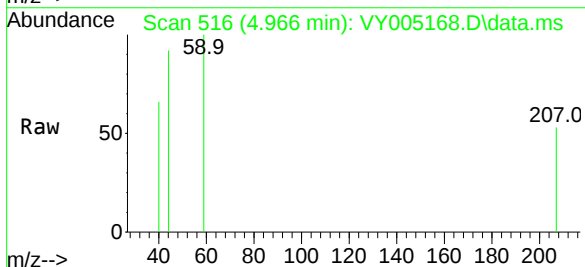
Instrument :
MSVOA_Y
ClientSampleId :

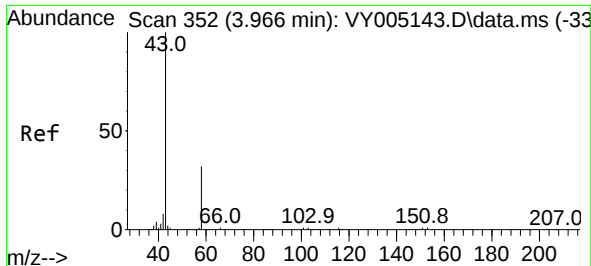
Tgt Ion:168 Resp: 151397
Ion Ratio Lower Upper
168 100
99 52.0 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

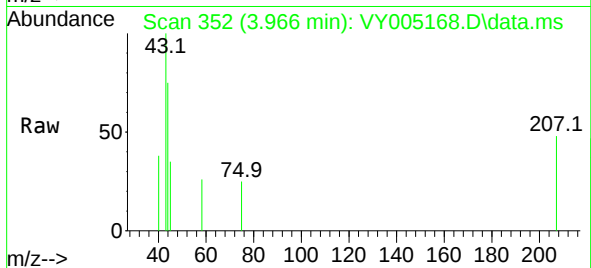
Tgt Ion: 59 Resp: 305
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



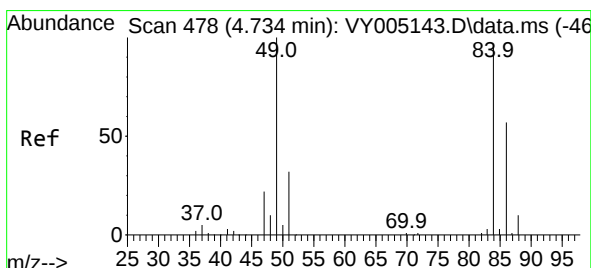
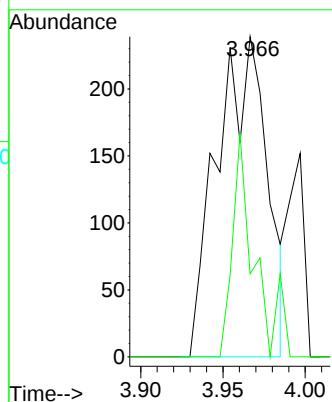
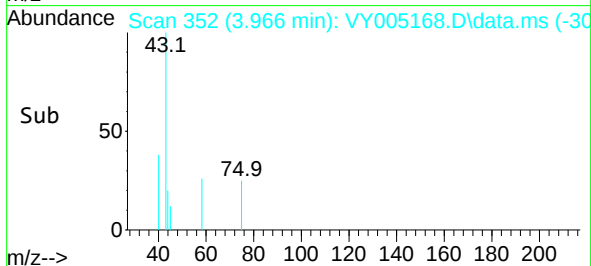


#16
Acetone
Concen: 1.699 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

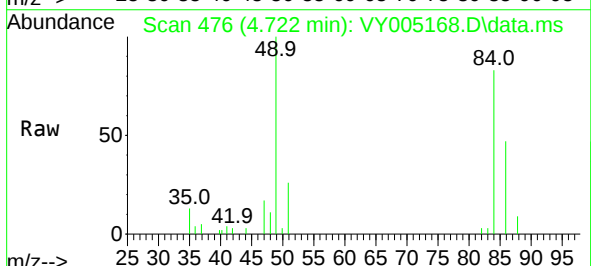
Instrument :
MSVOA_Y
ClientSampled :



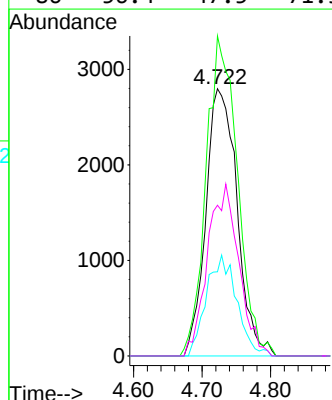
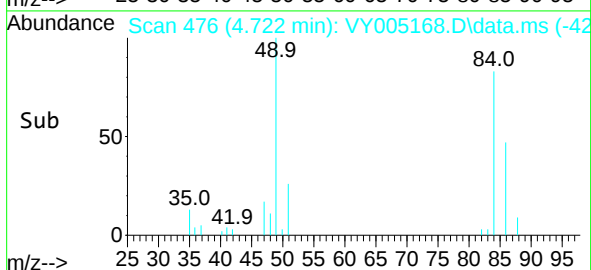
Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
58 25.9 25.6 38.4

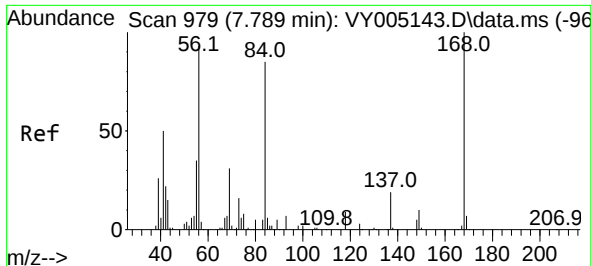


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39



Tgt Ion: 84 Resp: 8854
Ion Ratio Lower Upper
84 100
49 119.8 83.4 125.2
51 31.5 26.8 40.2
86 56.4 47.5 71.3

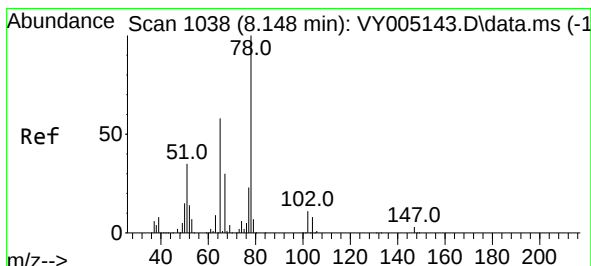
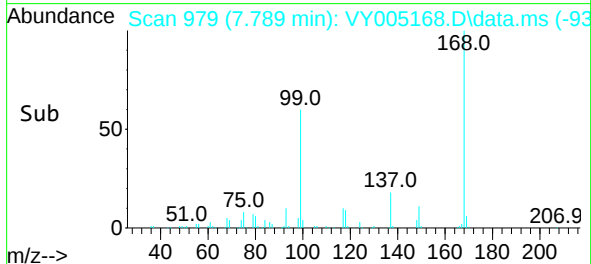
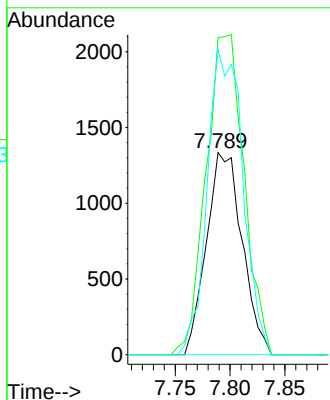
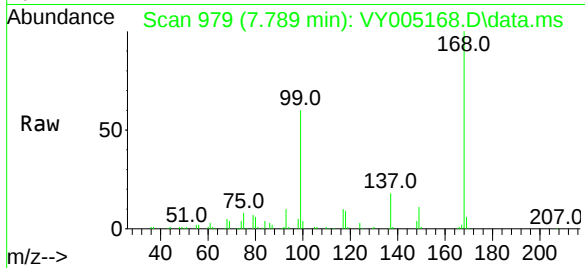




#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

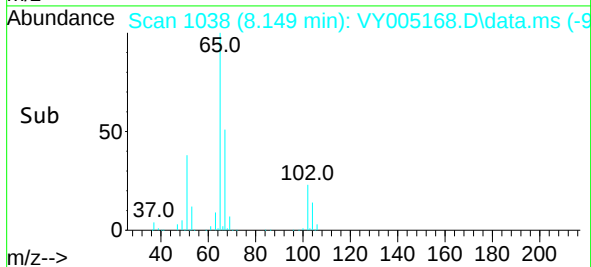
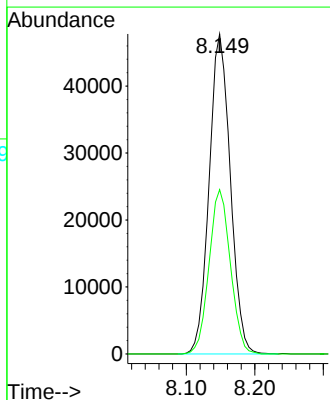
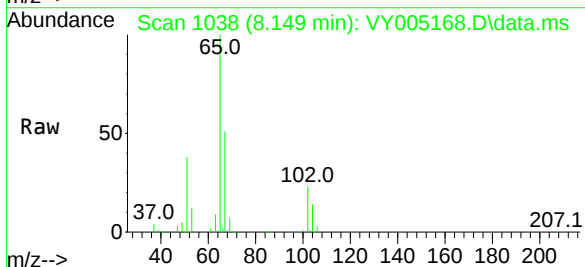
Instrument :
MSVOA_Y
ClientSampled :

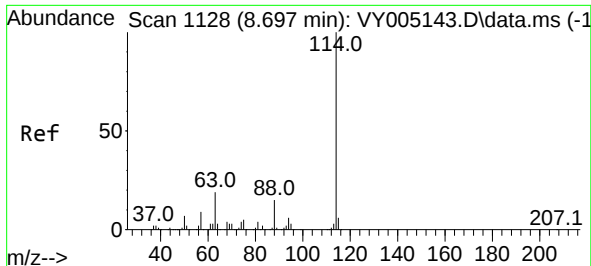
Tgt Ion: 56 Resp: 3024
Ion Ratio Lower Upper
56 100
69 156.8 26.3 39.5#
84 150.9 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 69.979 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

Tgt Ion: 65 Resp: 102439
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

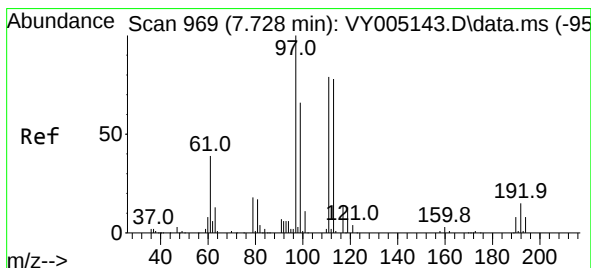
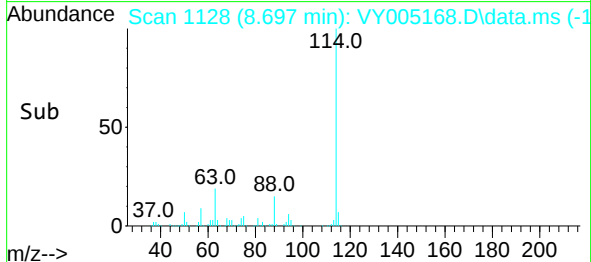
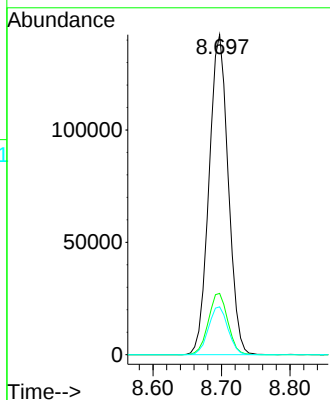
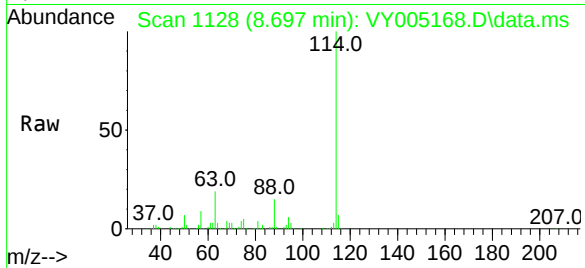




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

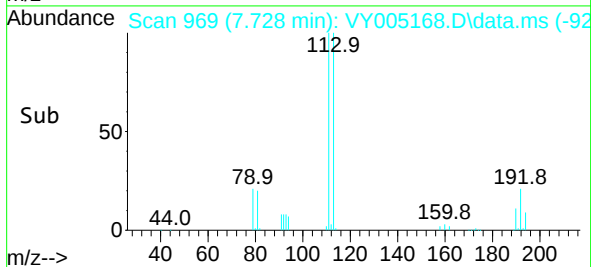
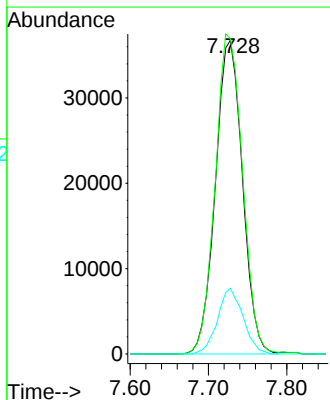
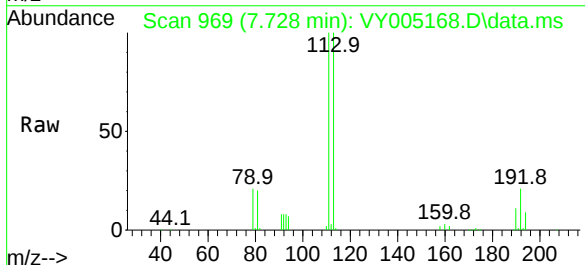
Instrument :
MSVOA_Y
ClientSampled :

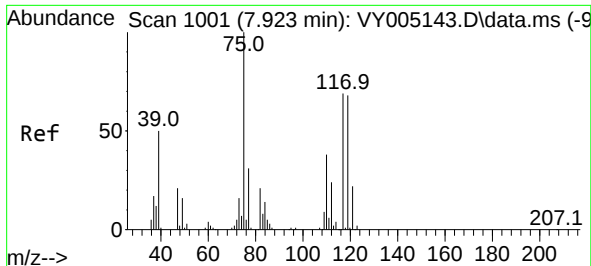
Tgt Ion:114 Resp: 276294
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.6
88 15.0 0.0 29.6



#35
Dibromofluoromethane
Concen: 74.563 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

Tgt Ion:113 Resp: 88098
Ion Ratio Lower Upper
113 100
111 103.6 82.3 123.5
192 19.8 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.577 ug/l

RT: 7.795 min Scan# 980

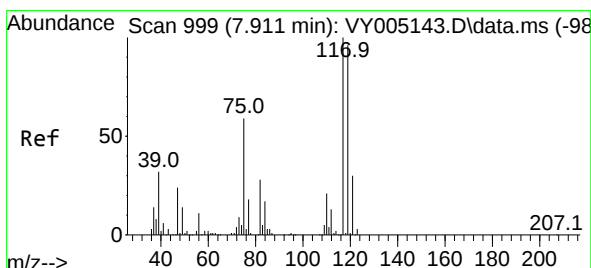
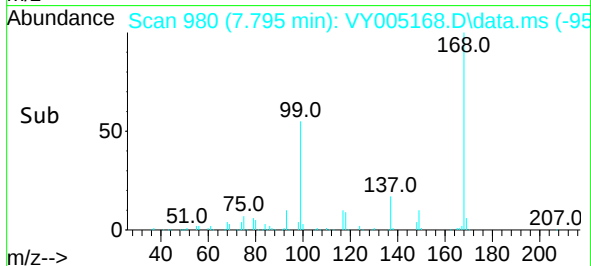
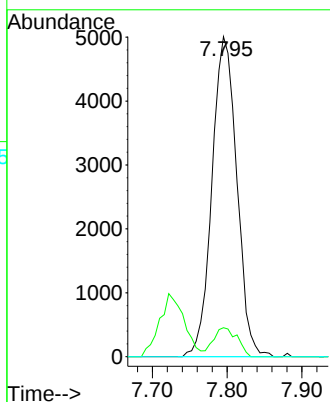
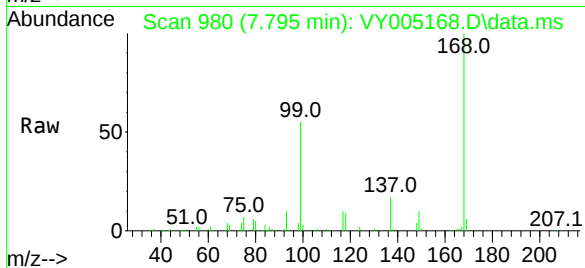
Delta R.T. -0.128 min

Lab File: VY005168.D

Acq: 17 Jun 2021 19:39

Tgt Ion:	75	Resp:	11580
Ion Ratio	Lower	Upper	
75	100		
110	8.8	18.8	56.3#
77	0.0	24.6	36.8#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.610 ug/l

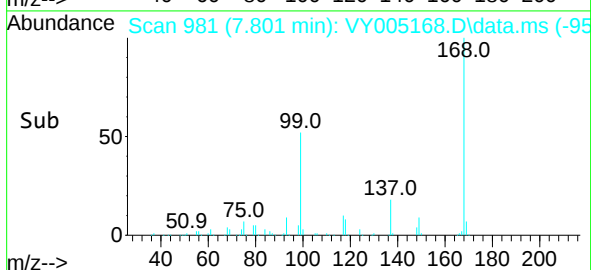
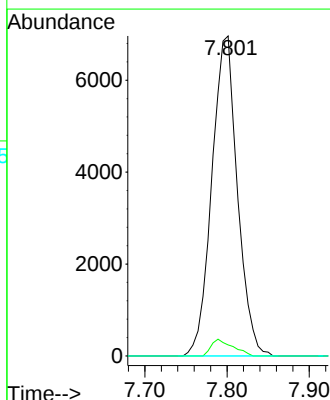
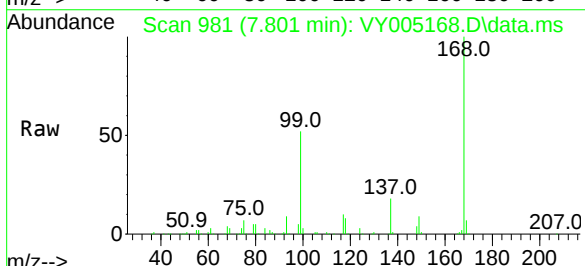
RT: 7.801 min Scan# 981

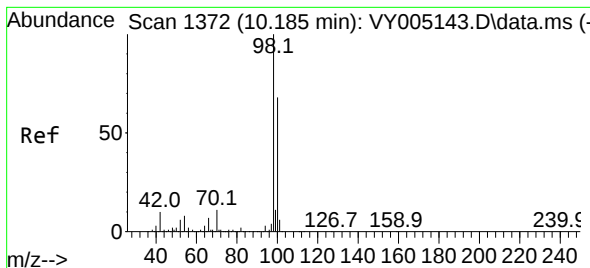
Delta R.T. -0.110 min

Lab File: VY005168.D

Acq: 17 Jun 2021 19:39

Tgt Ion:	117	Resp:	15070
Ion Ratio	Lower	Upper	
117	100		
119	3.4	76.9	115.3#
121	0.0	24.2	36.4#

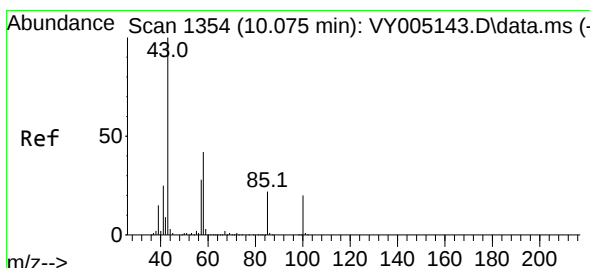
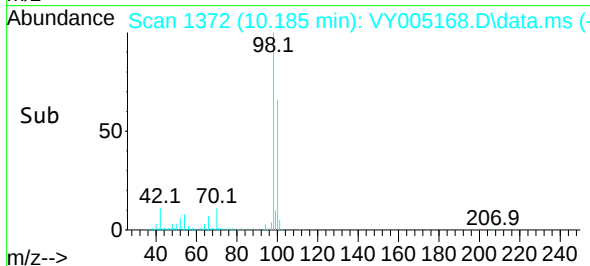
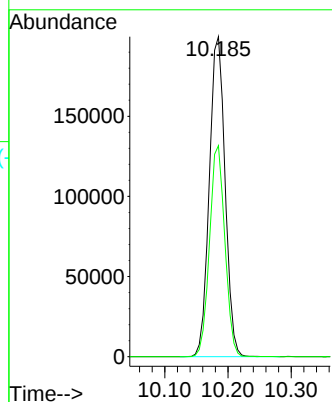
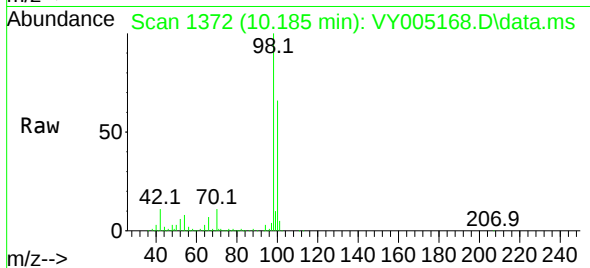




#50
Toluene-d8
Concen: 58.665 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

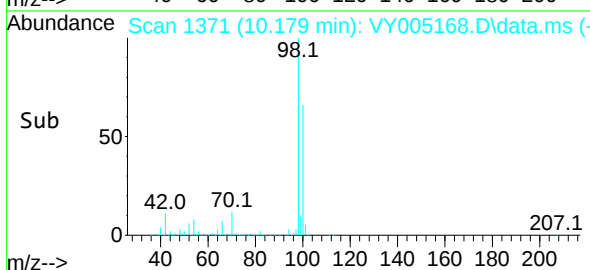
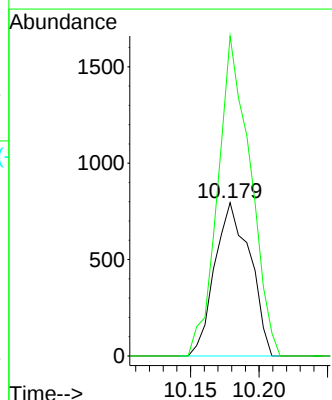
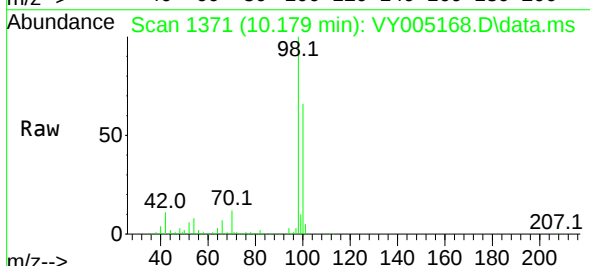
Instrument :
MSVOA_Y
ClientSampled :

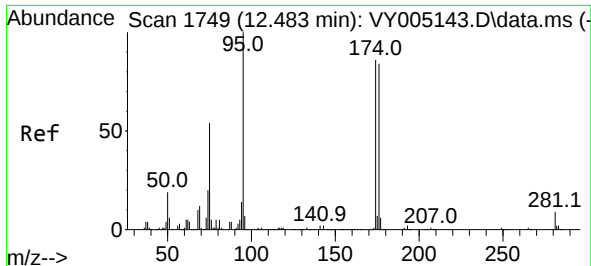
Tgt Ion: 98 Resp: 345320
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.180 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 192.4 33.0 49.4#

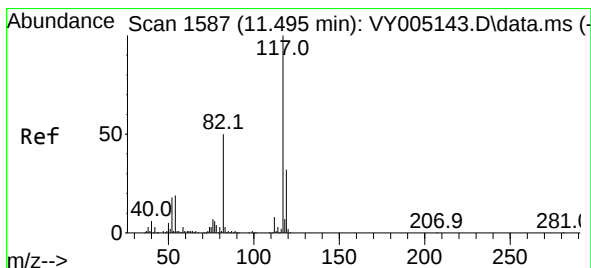
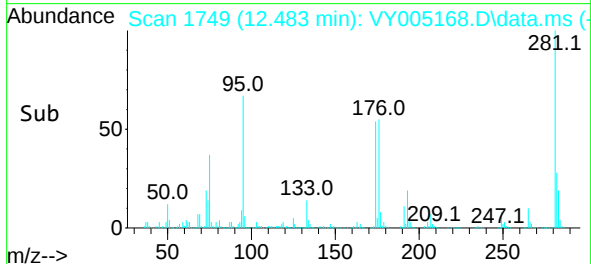
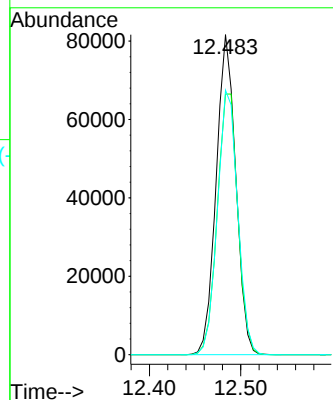
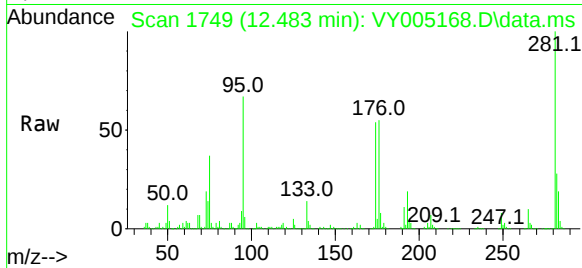




#62
4-Bromofluorobenzene
Concen: 61.452 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

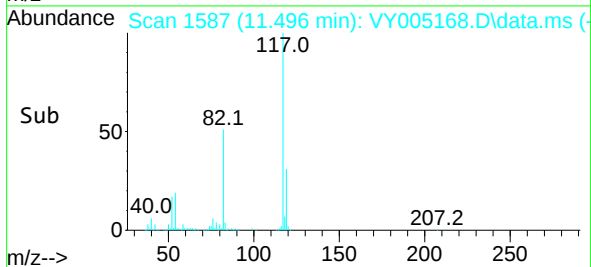
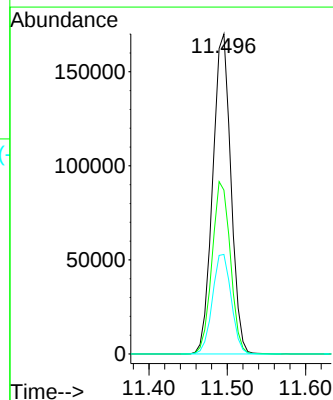
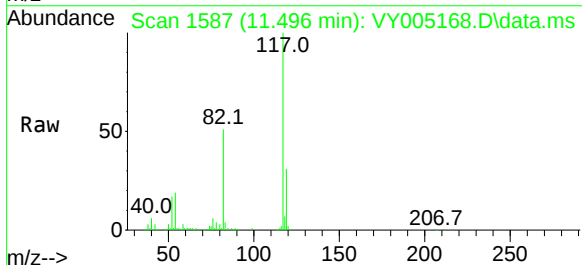
Instrument :
MSVOA_Y
ClientSampleId :

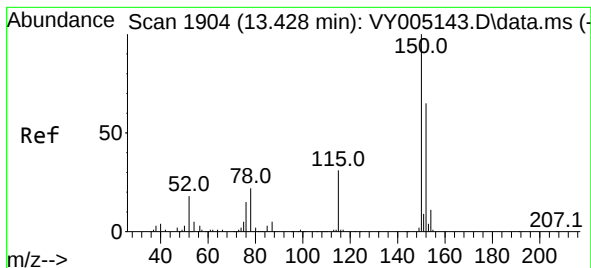
Tgt Ion: 95 Resp: 121654
Ion Ratio Lower Upper
95 100
174 85.6 0.0 179.2
176 85.5 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

Tgt Ion: 117 Resp: 273528
Ion Ratio Lower Upper
117 100
82 51.2 39.8 59.6
119 31.1 25.9 38.9

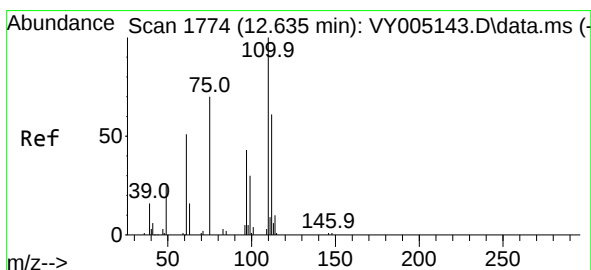
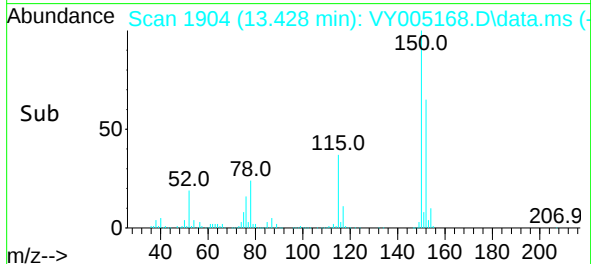
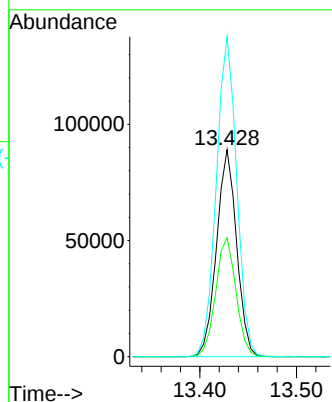
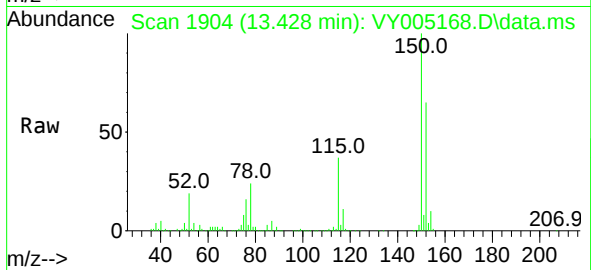




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005168.D
 Acq: 17 Jun 2021 19:39

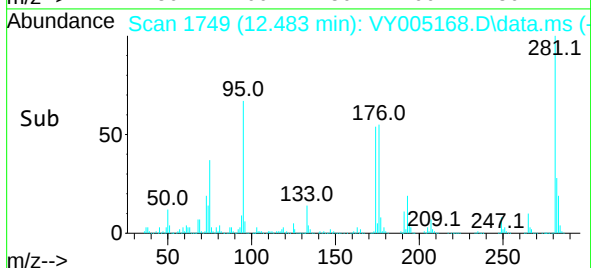
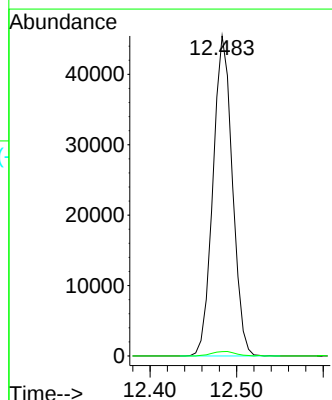
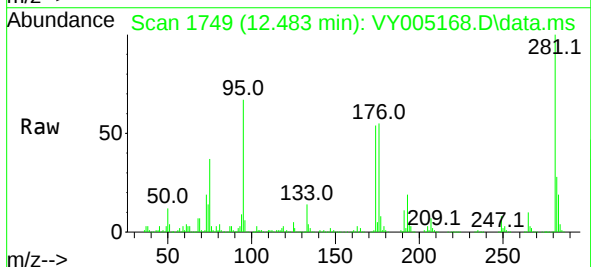
Instrument :
 MSVOA_Y
 ClientSampled :

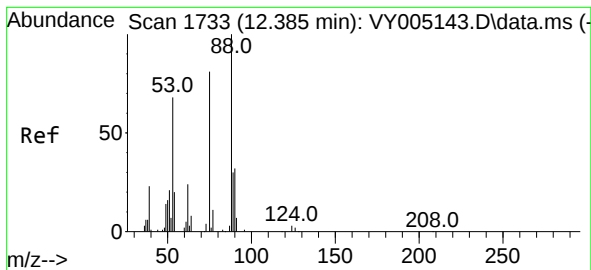
Tgt Ion:152 Resp: 128187
 Ion Ratio Lower Upper
 152 100
 115 58.3 29.5 88.6
 150 157.3 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 61.676 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005168.D
 Acq: 17 Jun 2021 19:39

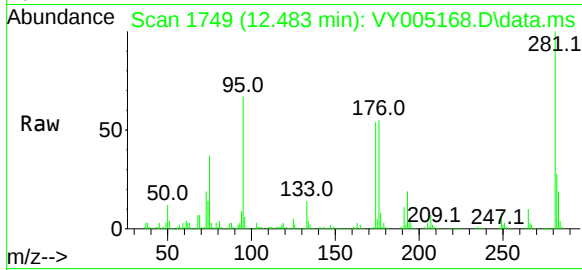
Tgt Ion: 75 Resp: 70768
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.061 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY005168.D
 Acq: 17 Jun 2021 19:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.2	109.8#
89	3.2	44.1	66.1#

