

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005940.D
 Acq On : 07 Sep 2021 13:43
 Operator : SY/MD
 Sample : M3660-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 13:53:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

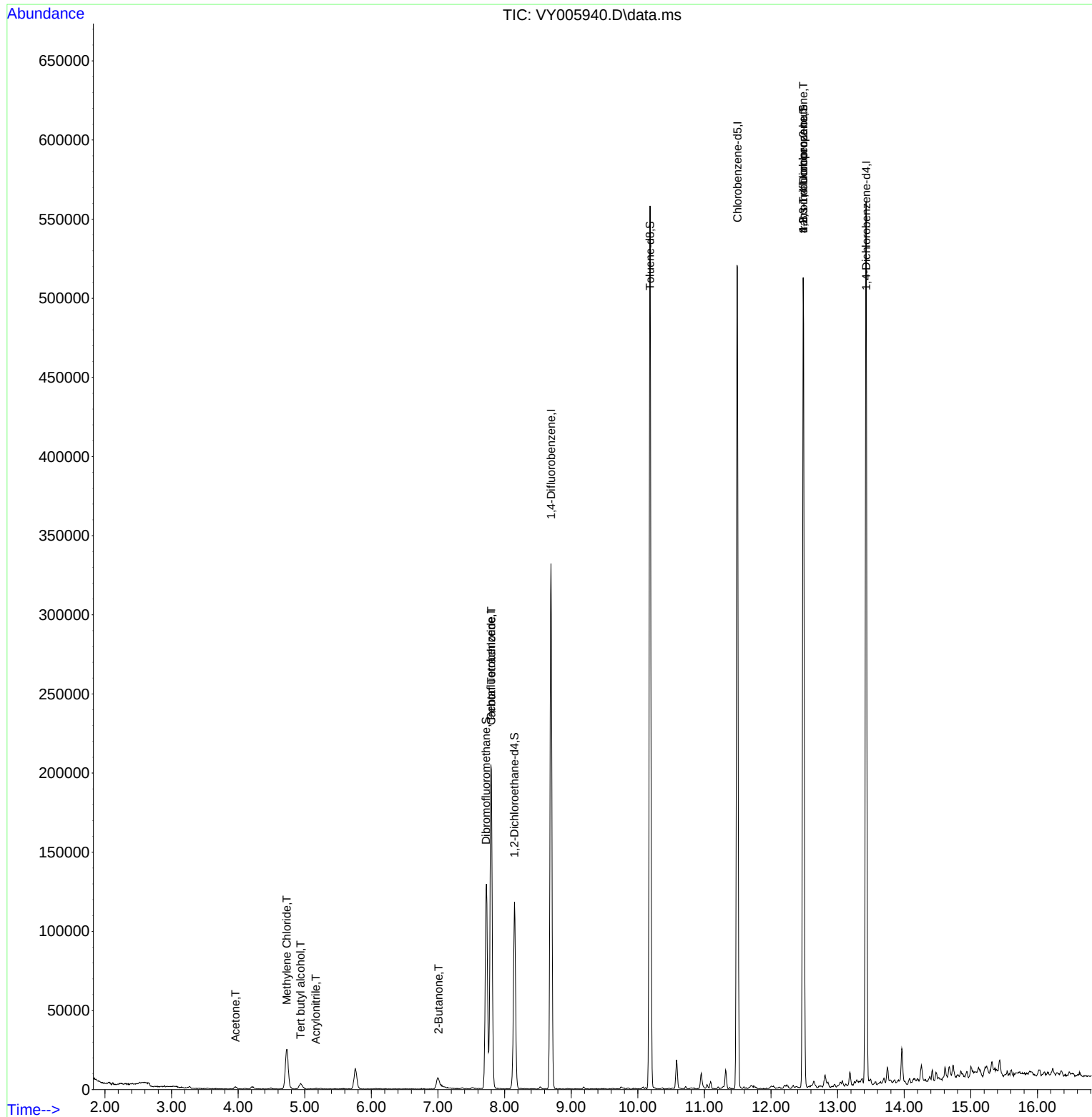
Internal Standards						
1) Pentafluorobenzene	7.795	168	178950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	303026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91597	50.793	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 101.580%	
35) Dibromofluoromethane	7.722	113	90120	54.465	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 108.940%	
50) Toluene-d8	10.185	98	363993	52.416	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.483	95	131180	56.258	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 112.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	3901	11.001	ug/l #	80
13) Acrolein	3.729	56	19	Below Cal	#	14
15) Acrylonitrile	5.167	53	523	1.081	ug/l #	34
16) Acetone	3.960	43	2511	5.461	ug/l	99
20) Methylene Chloride	4.728	84	20275	7.201	ug/l	93
25) 2-Butanone	7.008	43	819	1.261	ug/l #	47
38) Carbon Tetrachloride	7.801	117	15844	5.269	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	66551	46.689	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66551	88.792	ug/l #	14

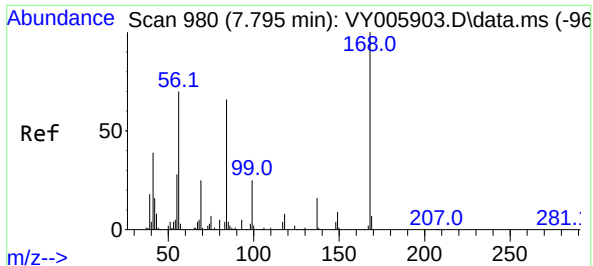
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 01 05:32:43 2021
Response via : Initial Calibration

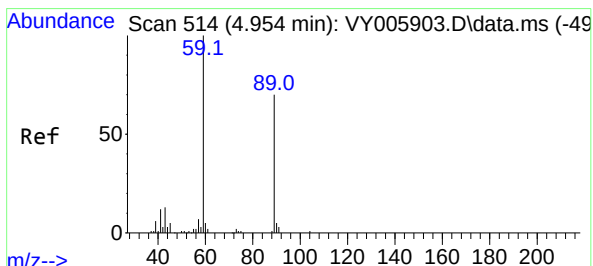
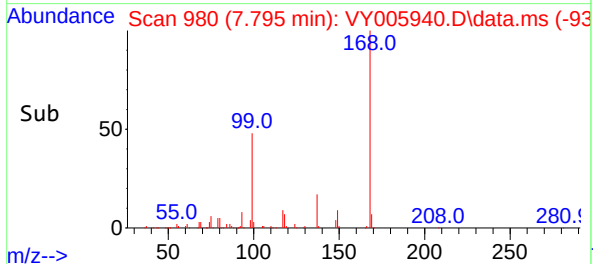
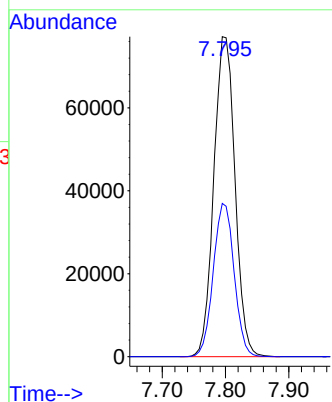
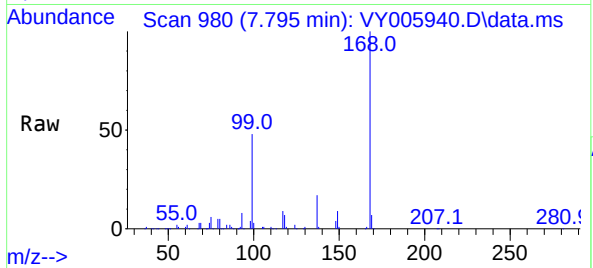




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

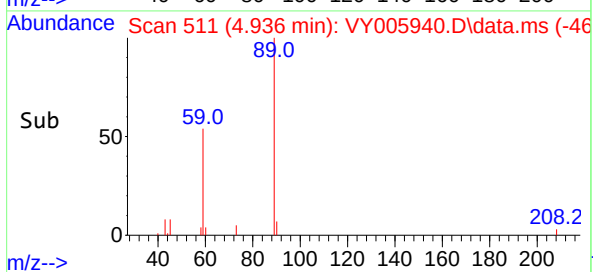
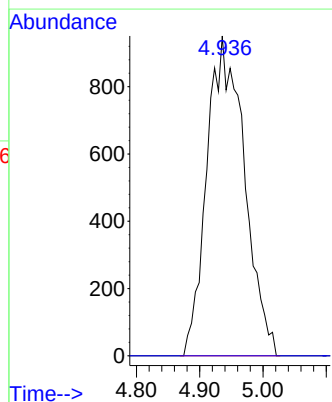
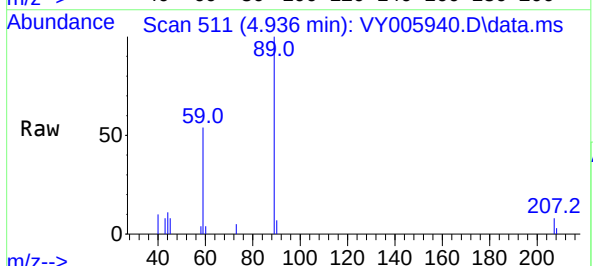
Instrument :
MSVOA_Y
ClientSampleId :

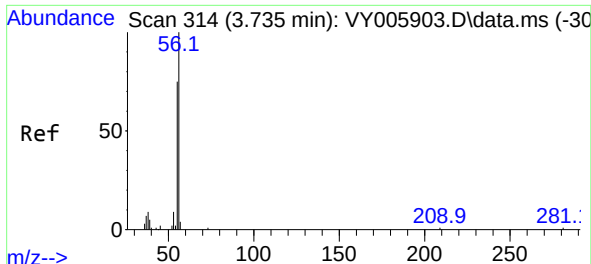
Tgt Ion:168 Resp: 178950
Ion Ratio Lower Upper
168 100
99 47.9 40.6 60.8



#11
Tert butyl alcohol
Concen: 11.001 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

Tgt Ion: 59 Resp: 3901
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

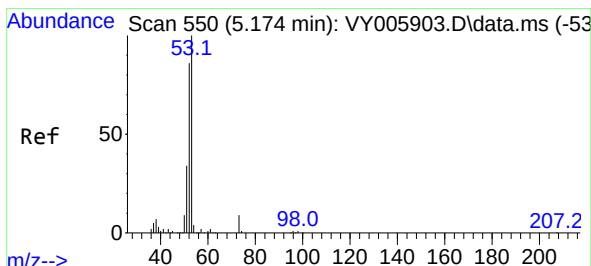
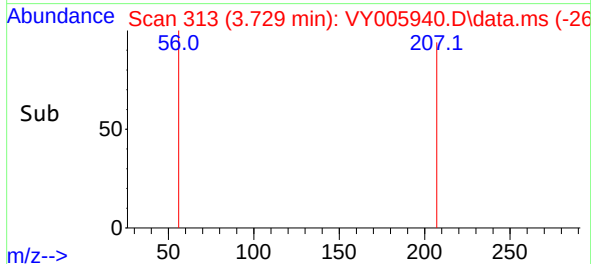
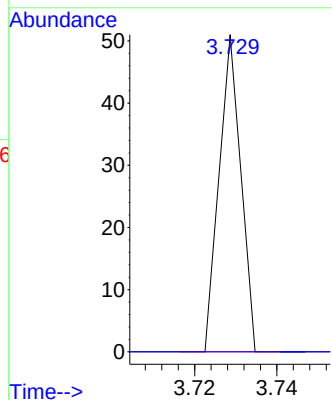
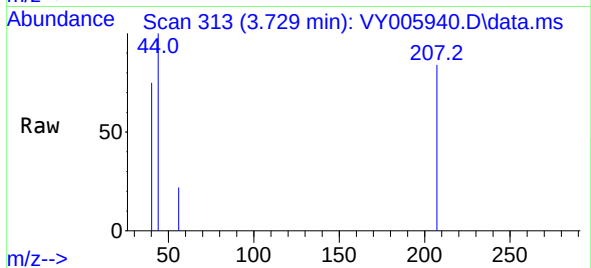




#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

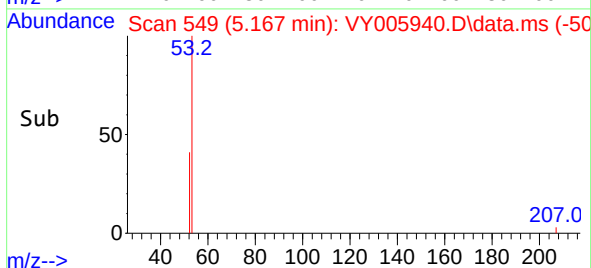
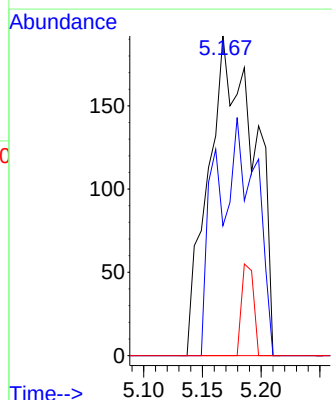
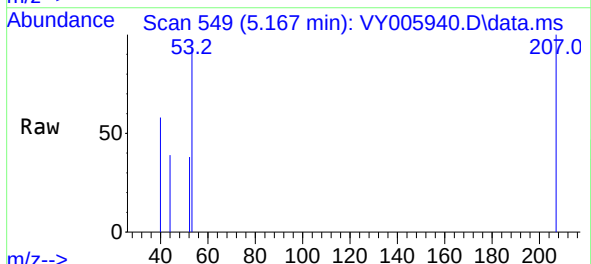
Instrument :
MSVOA_Y
ClientSampled :

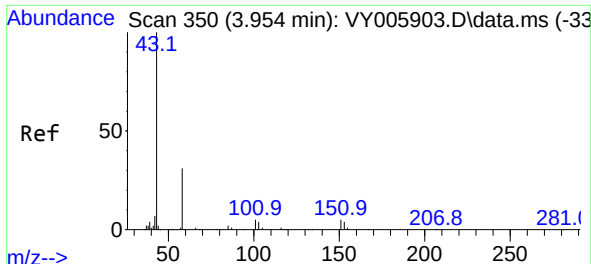
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#15
Acrylonitrile
Concen: 1.081 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

Tgt Ion: 53 Resp: 523
Ion Ratio Lower Upper
53 100
52 21.4 66.3 99.5#
51 0.0 29.0 43.4#

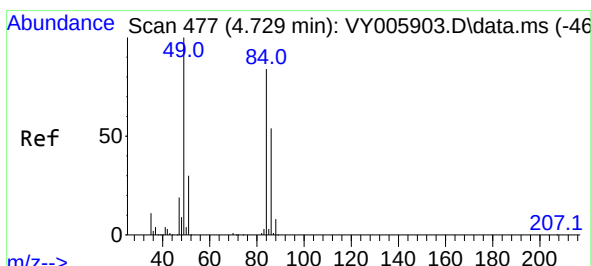
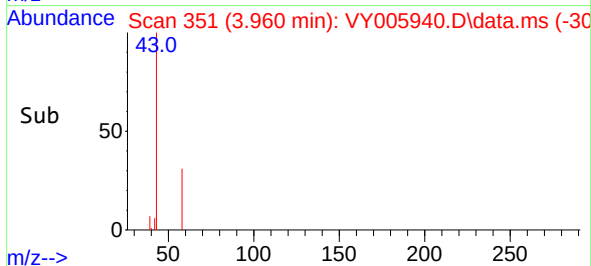
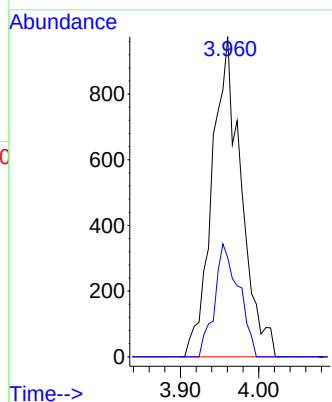
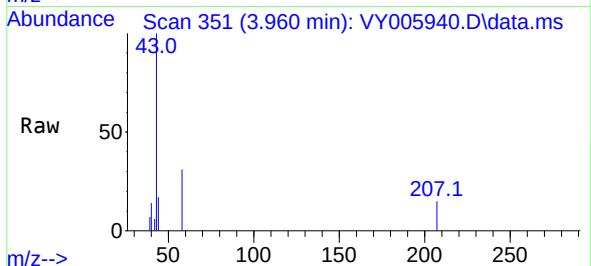




#16
Acetone
Concen: 5.461 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

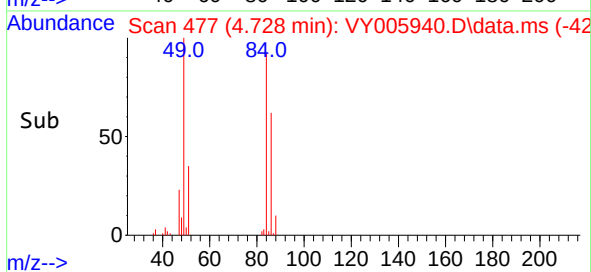
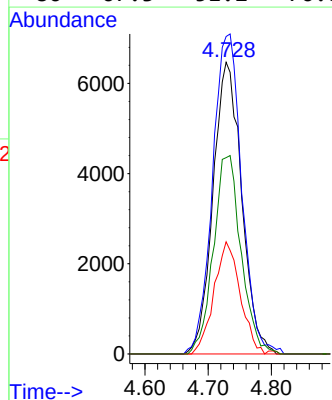
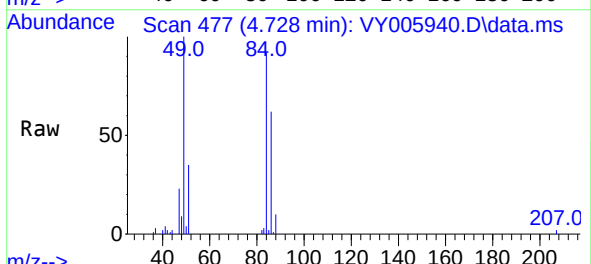
Instrument :
MSVOA_Y
ClientSampled :

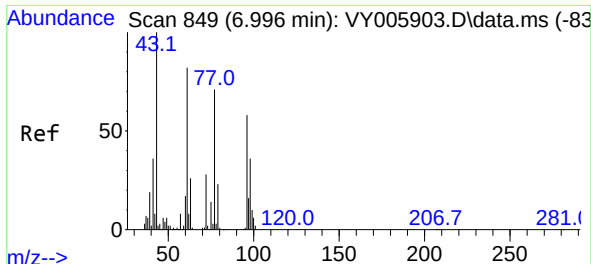
Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
58 31.0 25.1 37.7



#20
Methylene Chloride
Concen: 7.201 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

Tgt Ion: 84 Resp: 20275
Ion Ratio Lower Upper
84 100
49 108.8 95.7 143.5
51 38.4 29.0 43.6
86 67.3 51.2 76.8

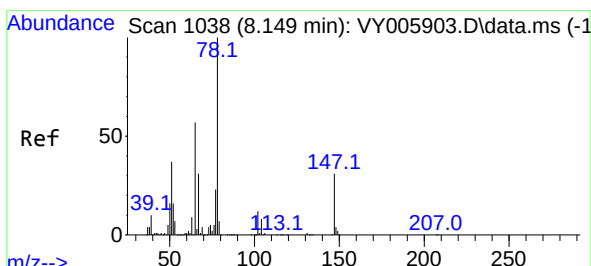
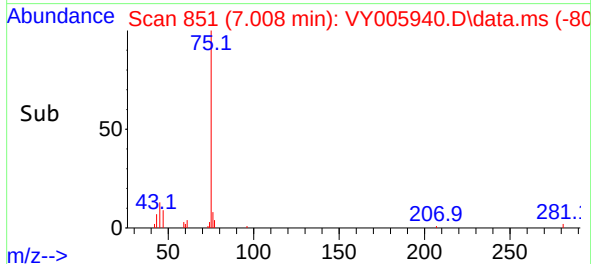
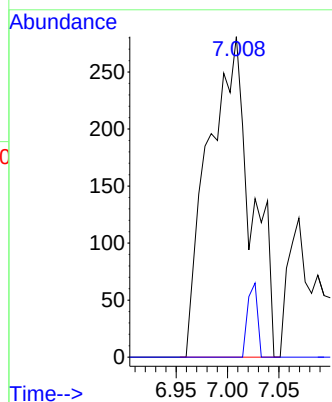
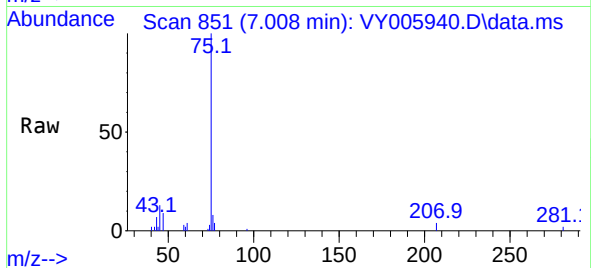




#25
2-Butanone
Concen: 1.261 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

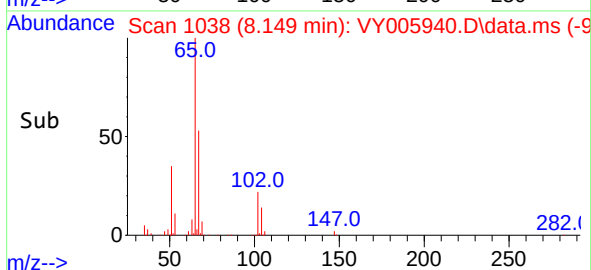
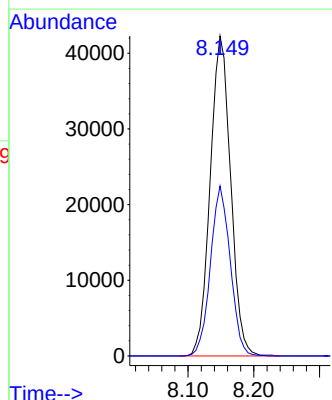
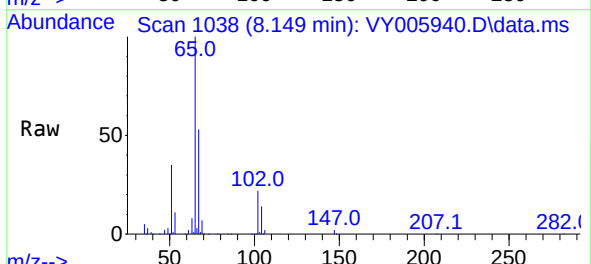
Instrument :
MSVOA_Y
ClientSampled :

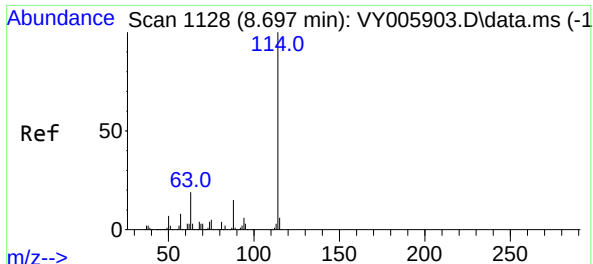
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



#33
1,2-Dichloroethane-d4
Concen: 50.793 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

Tgt Ion: 65 Resp: 91597
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

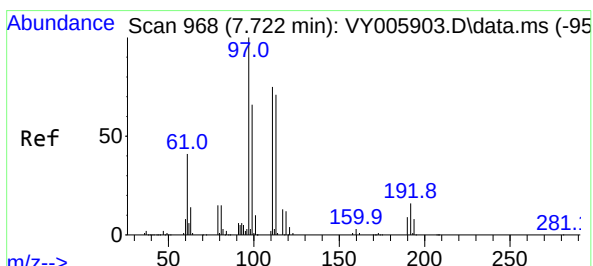
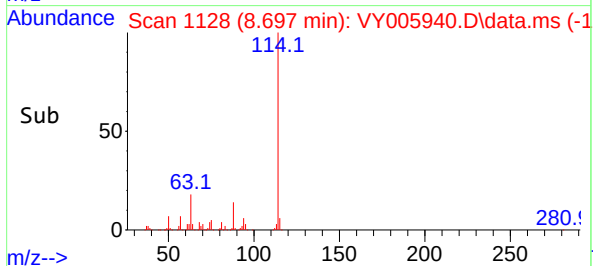
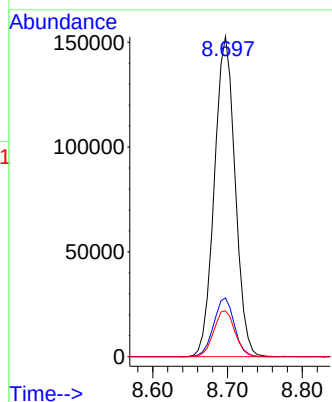
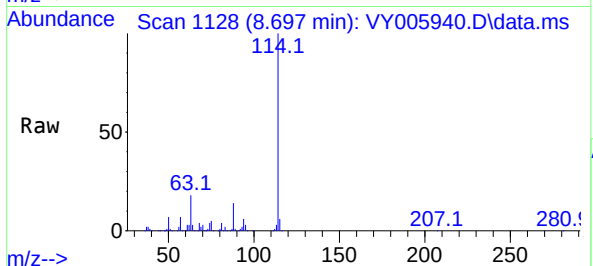




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

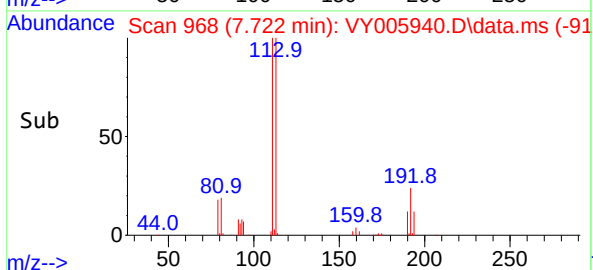
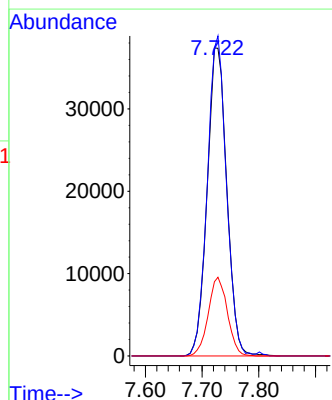
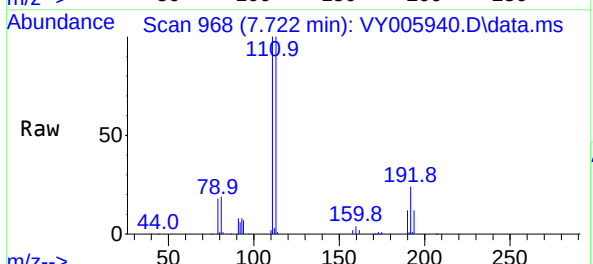
Instrument :
MSVOA_Y
ClientSampled :

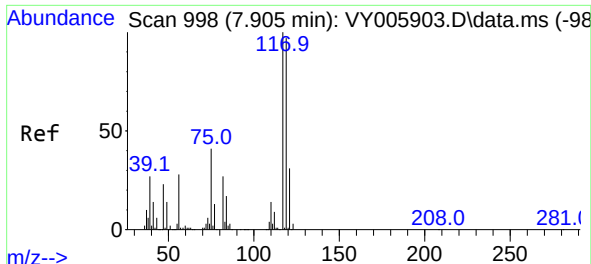
Tgt Ion:	114	Resp:	294631
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.4
88	14.3	0.0	30.0



#35
Dibromofluoromethane
Concen: 54.465 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

Tgt Ion:	113	Resp:	90120
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.9	122.9
192	24.9	19.4	29.0

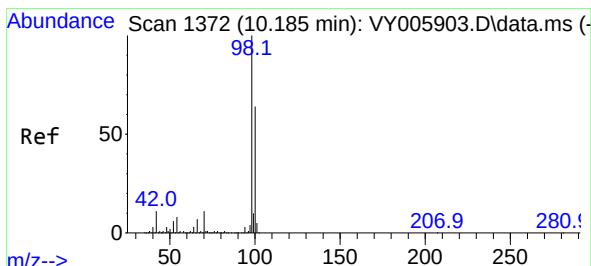
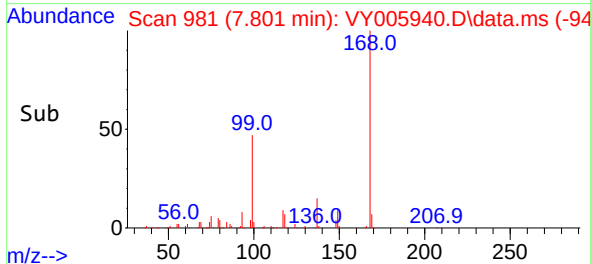
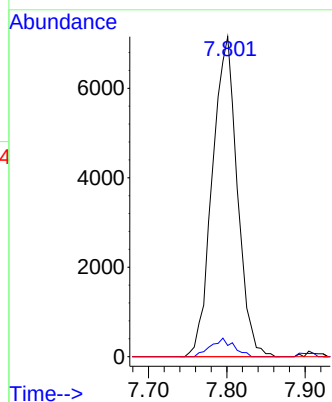
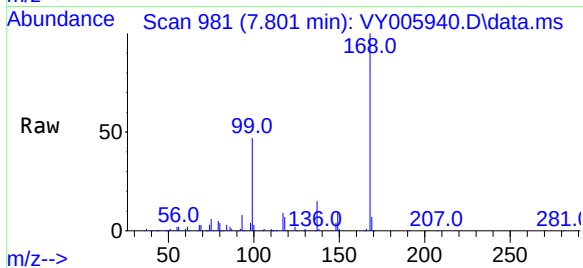




#38
Carbon Tetrachloride
Concen: 5.269 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

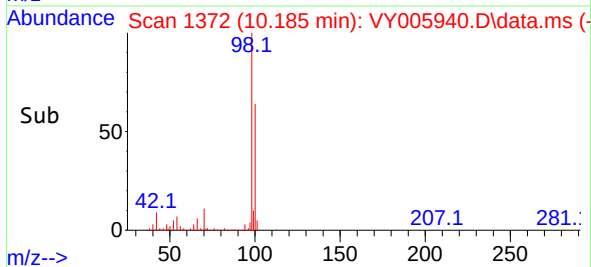
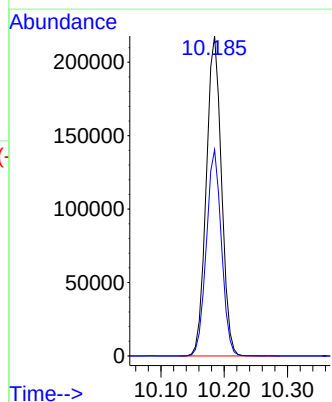
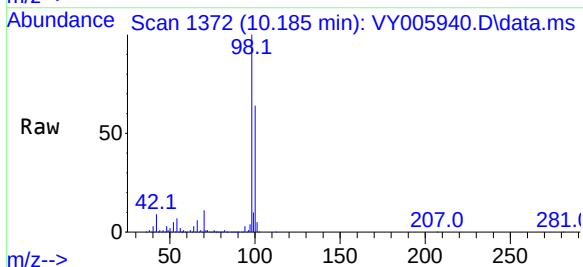
Instrument :
MSVOA_Y
ClientSampleId :

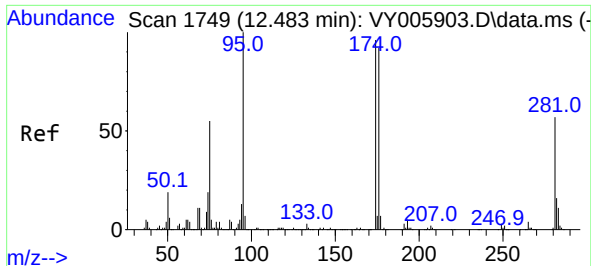
Tgt Ion:117 Resp: 15844
Ion Ratio Lower Upper
117 100
119 3.5 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.416 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

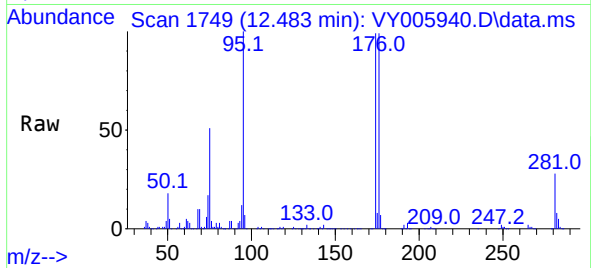
Tgt Ion: 98 Resp: 363993
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



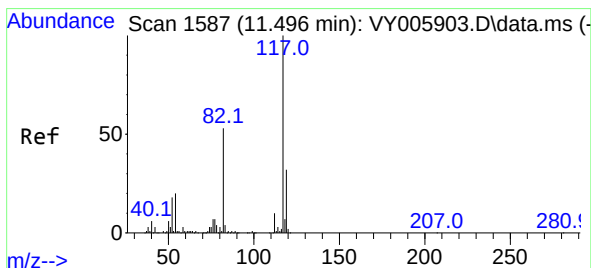
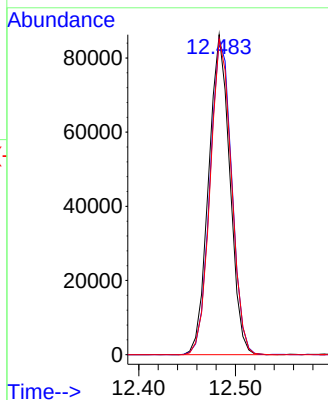
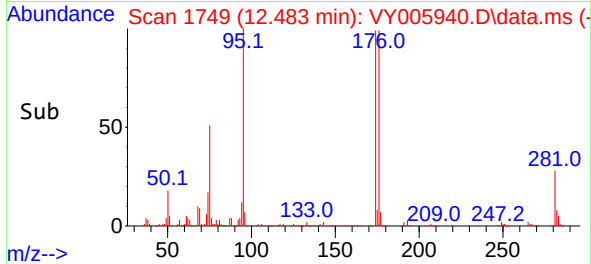


#62
4-Bromofluorobenzene
Concen: 56.258 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43

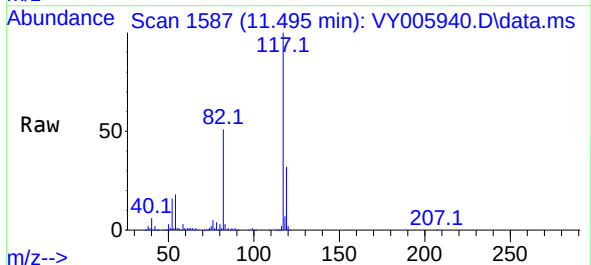
Instrument :
MSVOA_Y
ClientSampleId :



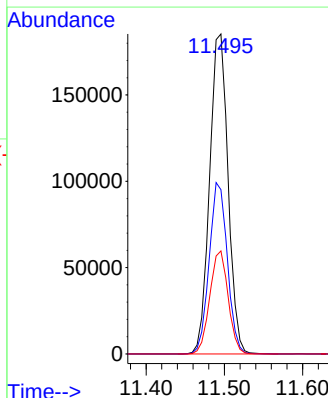
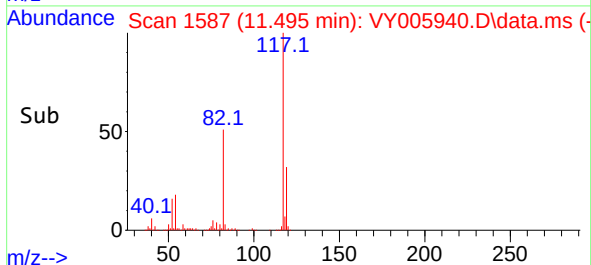
Tgt Ion: 95 Resp: 131180
Ion Ratio Lower Upper
95 100
174 100.7 0.0 192.4
176 98.8 0.0 186.8

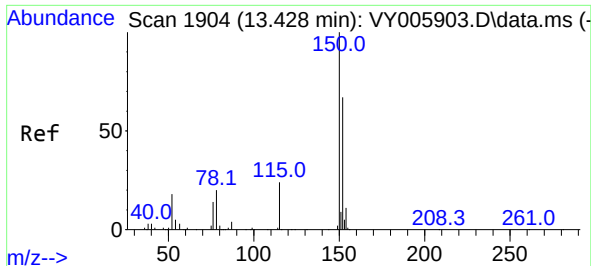


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005940.D
Acq: 07 Sep 2021 13:43



Tgt Ion: 117 Resp: 303026
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.2 25.4 38.0

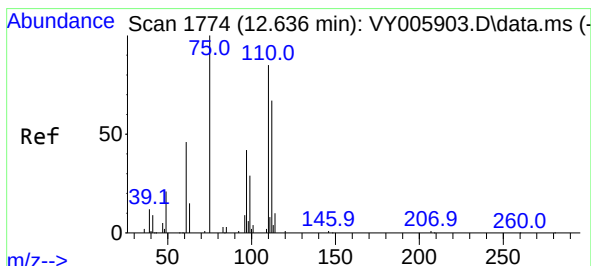
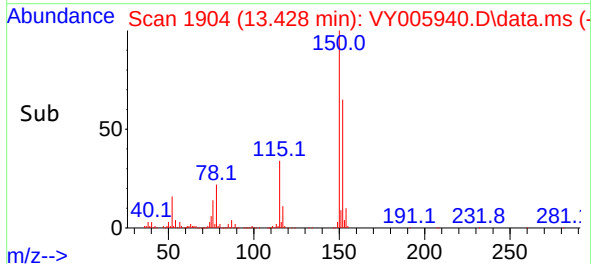
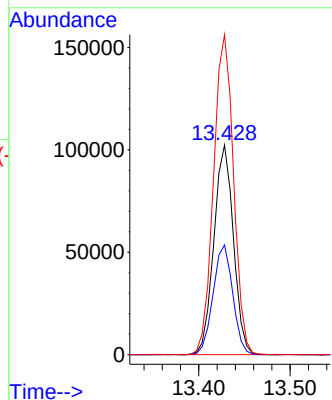
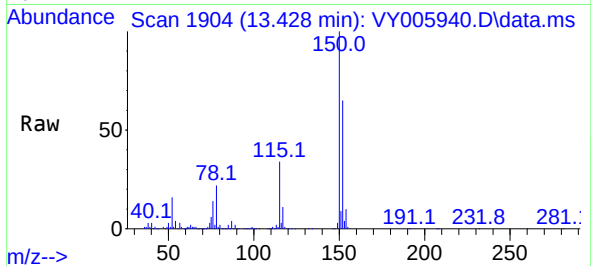




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005940.D
 Acq: 07 Sep 2021 13:43

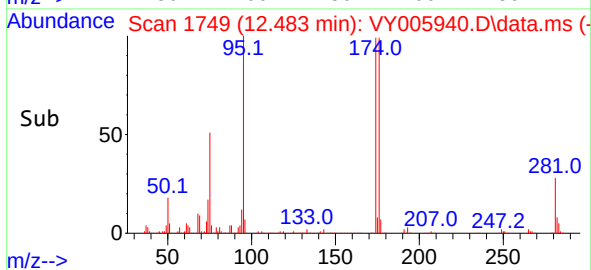
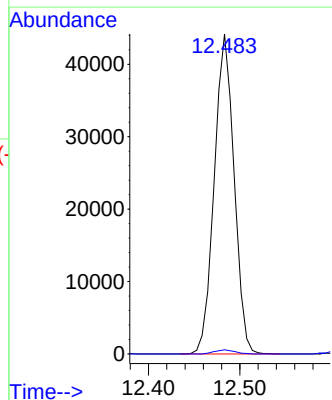
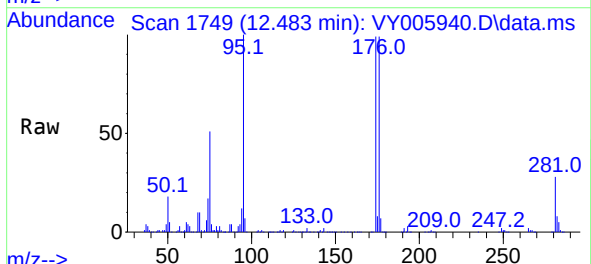
Instrument :
 MSVOA_Y
 ClientSampled :

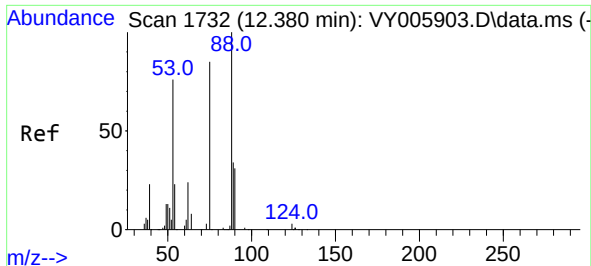
Tgt Ion:152 Resp: 152293
 Ion Ratio Lower Upper
 152 100
 115 52.6 26.8 80.4
 150 156.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 46.689 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005940.D
 Acq: 07 Sep 2021 13:43

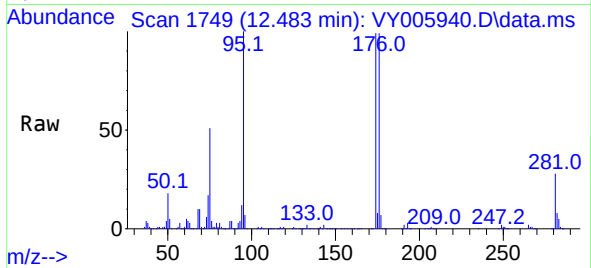
Tgt Ion: 75 Resp: 66551
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.792 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005940.D
 Acq: 07 Sep 2021 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	66551
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.8	107.8#
89	0.3	35.8	53.6#

