

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006038.D
 Acq On : 16 Sep 2021 11:19
 Operator : SY/MD
 Sample : VY0916SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBL01

Quant Time: Sep 17 02:43:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	221926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83003	54.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.480%	
35) Dibromofluoromethane	7.722	113	62733	48.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.620%	
50) Toluene-d8	10.185	98	272176	49.690	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.483	95	99808	53.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.340%	

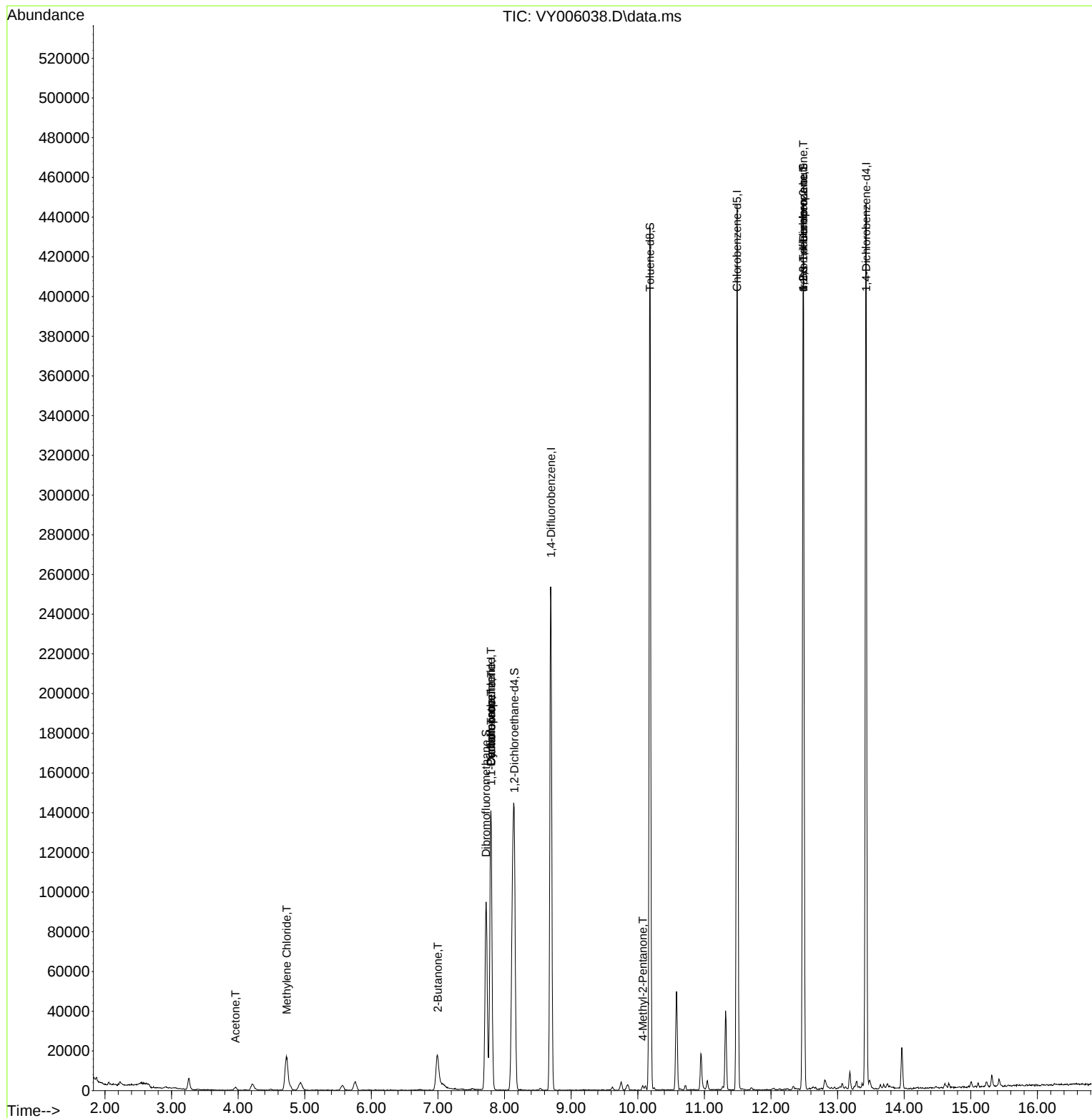
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.936	59	3996	Below Cal	#	77
16) Acetone	3.961	43	2814	6.766	ug/l	# 89
20) Methylene Chloride	4.729	84	11927	5.008	ug/l	# 89
25) 2-Butanone	6.997	43	1485	2.590	ug/l	# 54
31) Cyclohexane	7.795	56	2693	1.109	ug/l	# 11
36) 1,1-Dichloropropene	7.801	75	8815	3.947	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	11140	4.582	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.075	43	1747	1.140	ug/l	# 91
76) 1,2,3-Trichloropropane	12.483	75	59172	51.003	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	59172	93.769	ug/l	# 7

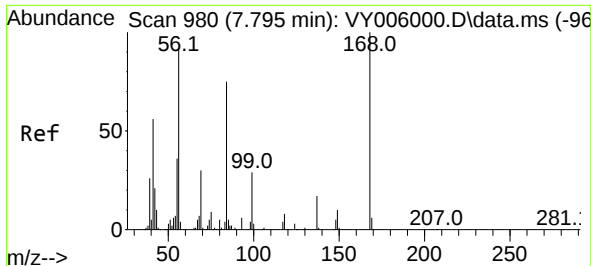
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 17 02:43:19 2021
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Response via : Initial Calibration

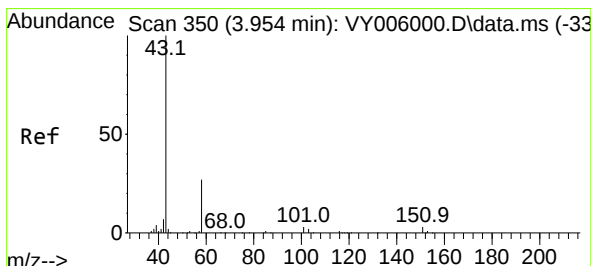
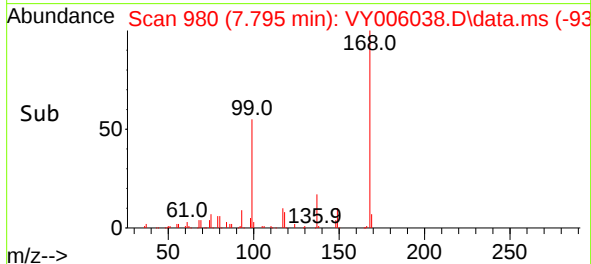
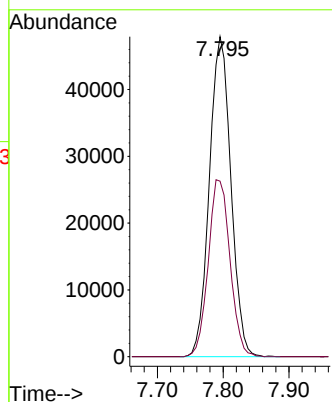
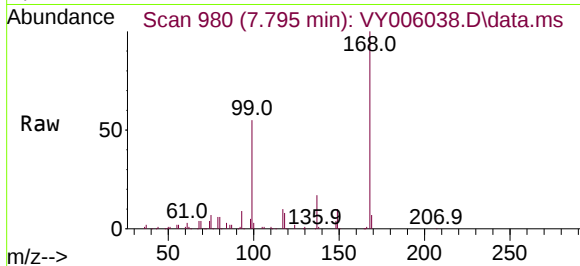




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

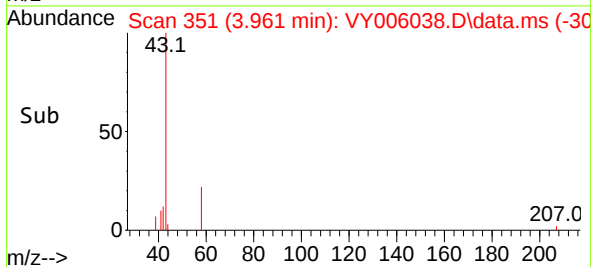
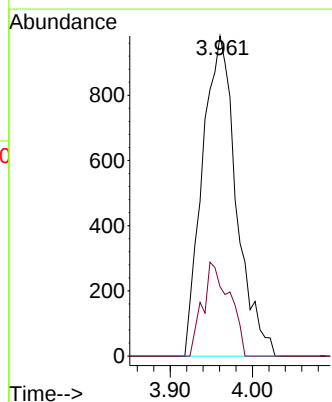
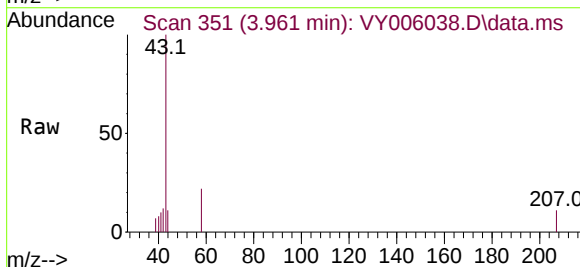
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

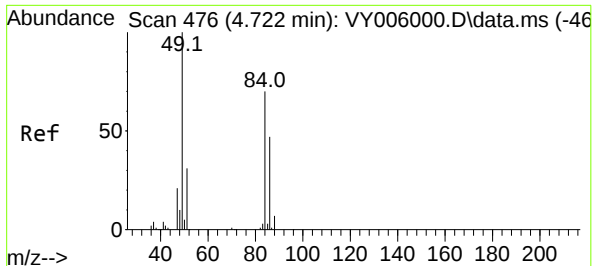
Tgt Ion:168 Resp: 109169
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#16
Acetone
Concen: 6.766 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

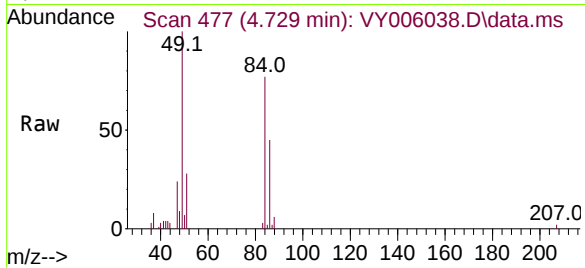
Tgt Ion: 43 Resp: 2814
Ion Ratio Lower Upper
43 100
58 21.7 22.0 33.0#



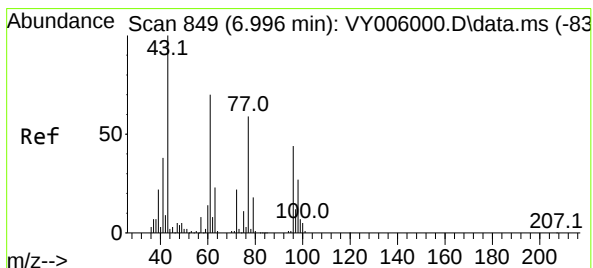
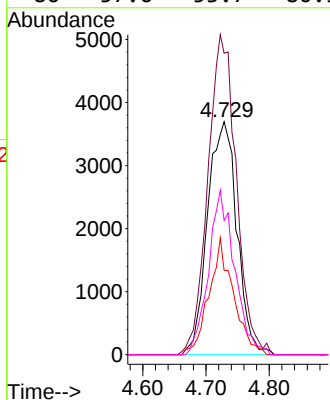
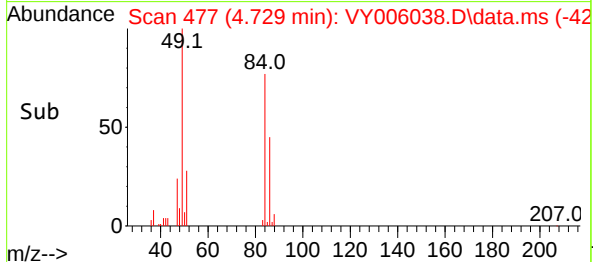


#20
Methylene Chloride
Concen: 5.008 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

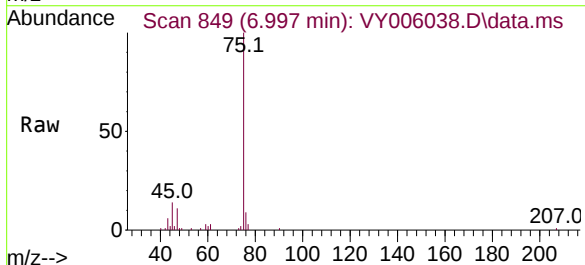
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01



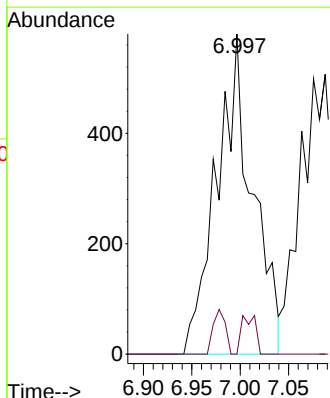
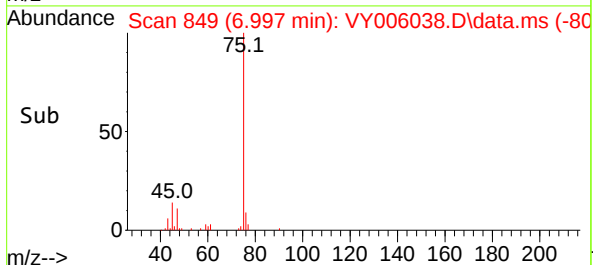
Tgt Ion: 84	Resp: 11927
Ion Ratio	Lower Upper
84 100	
49 129.3	114.4 171.6
51 36.1	35.3 52.9
86 57.6	53.7 80.5

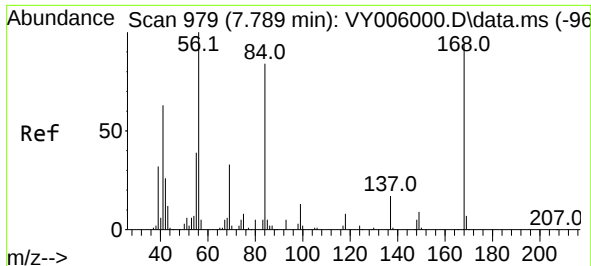


#25
2-Butanone
Concen: 2.590 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19



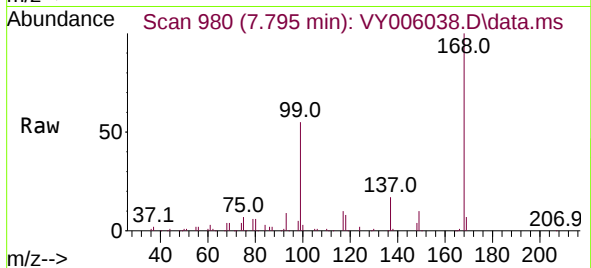
Tgt Ion: 43	Resp: 1485
Ion Ratio	Lower Upper
43 100	
72 0.0	17.7 26.5#



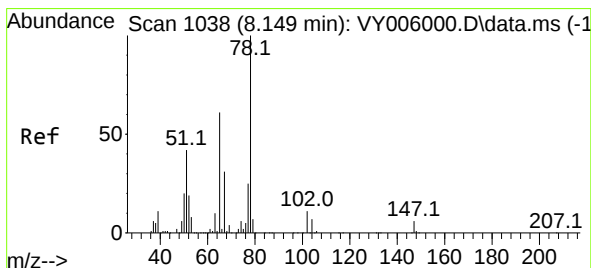
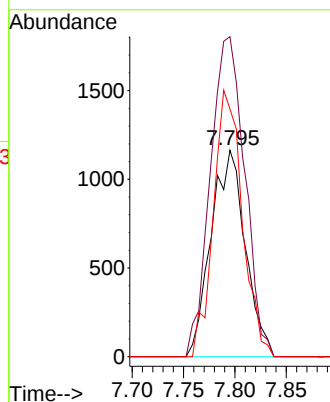
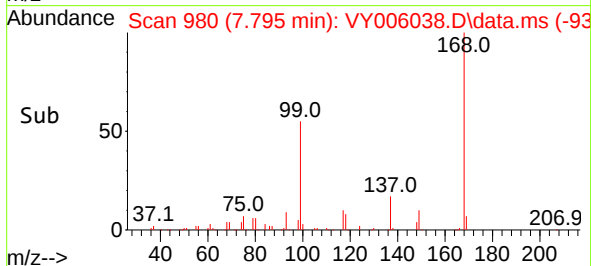


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

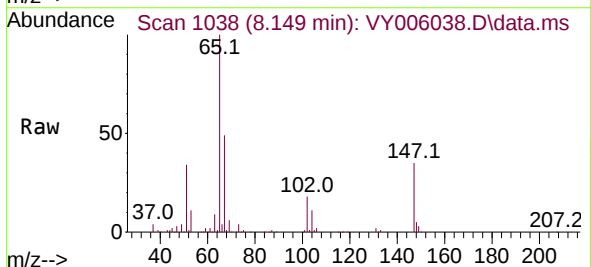
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01



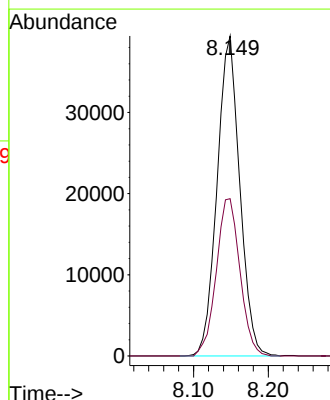
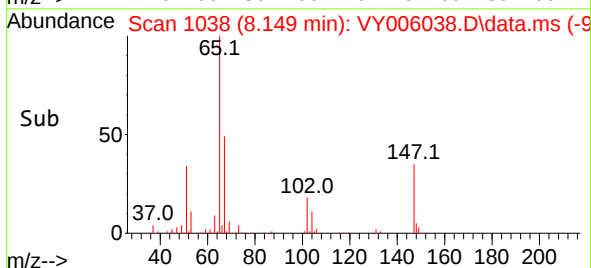
Tgt Ion: 56 Resp: 2693
Ion Ratio Lower Upper
56 100
69 155.0 26.7 40.1#
84 119.9 67.2 100.8#

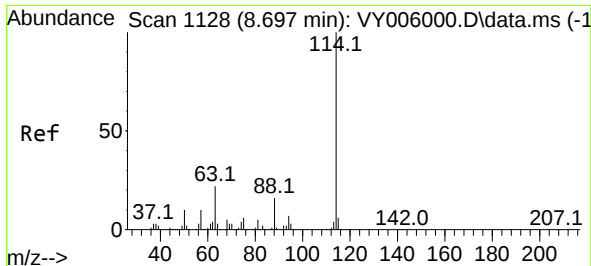


#33
1,2-Dichloroethane-d4
Concen: 54.736 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19



Tgt Ion: 65 Resp: 83003
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4

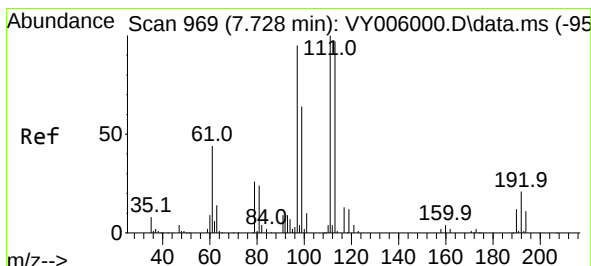
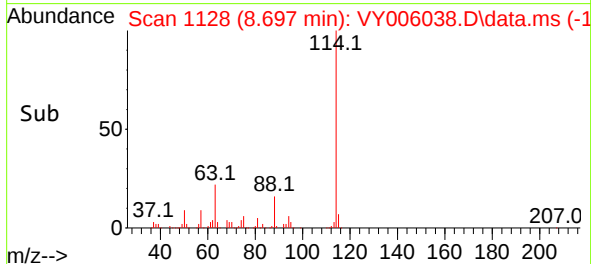
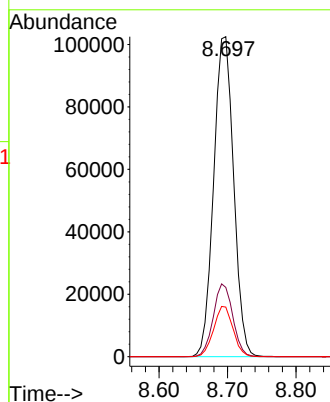
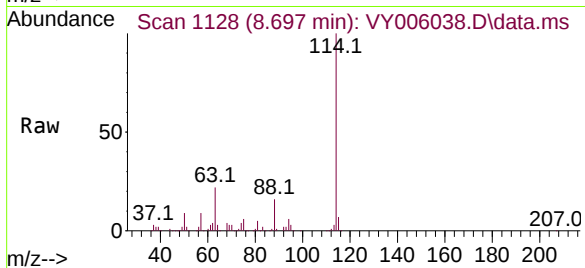




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

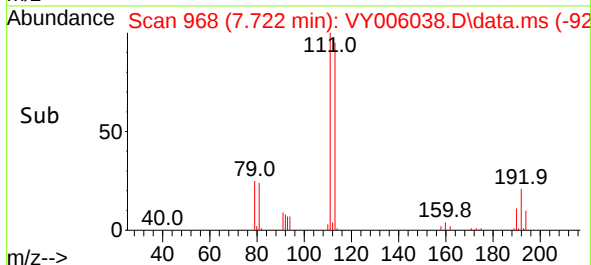
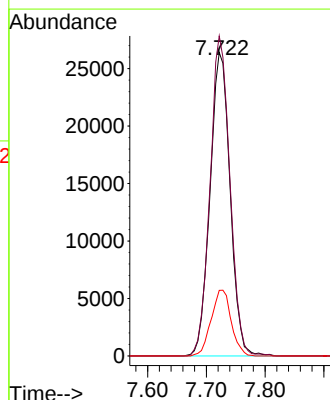
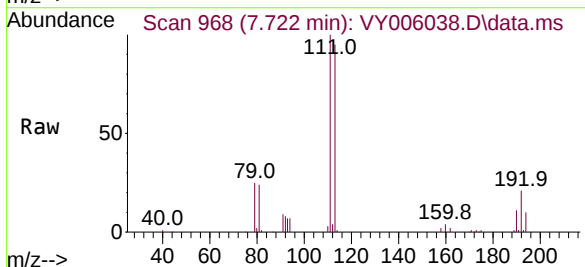
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

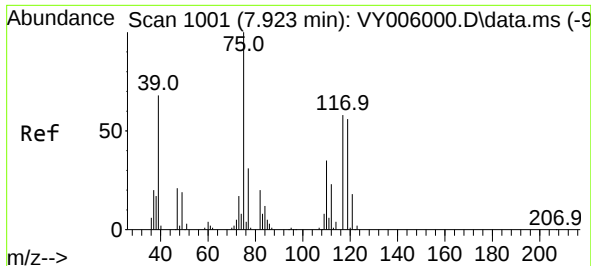
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.813 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	21.7	17.6	26.4





#36

1,1-Dichloropropene

Concen: 3.947 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY006038.D

Acq: 16 Sep 2021 11:19

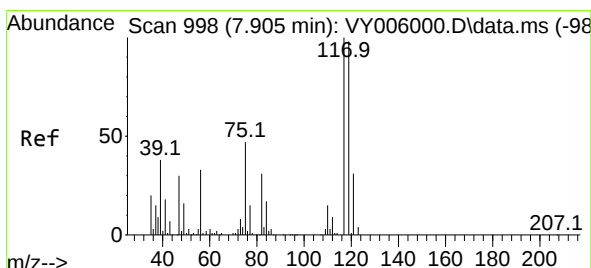
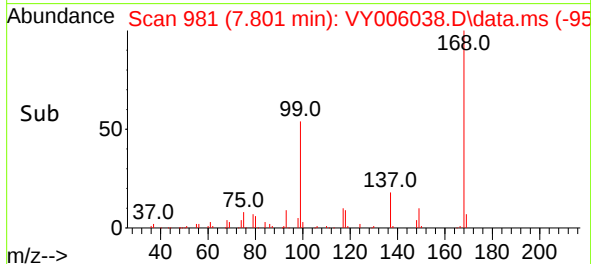
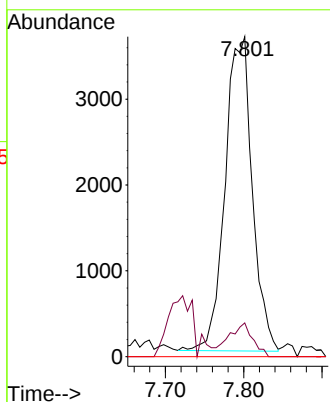
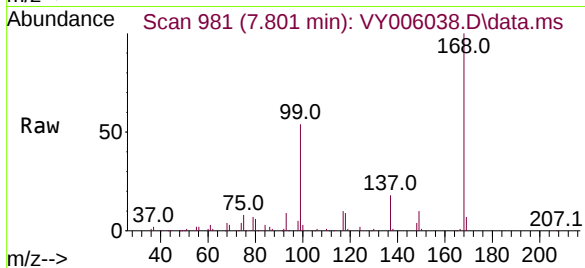
Instrument :

MSVOA_Y

ClientSampleId :

VY0916SBL01

Tgt Ion:	75	Resp:	8815
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.582 ug/l

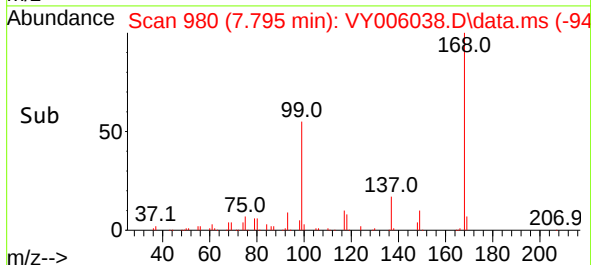
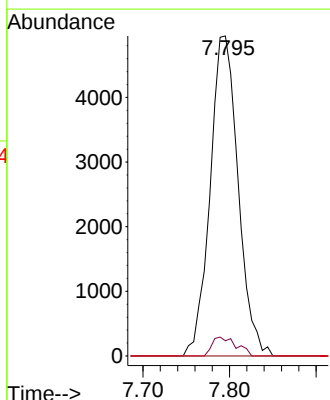
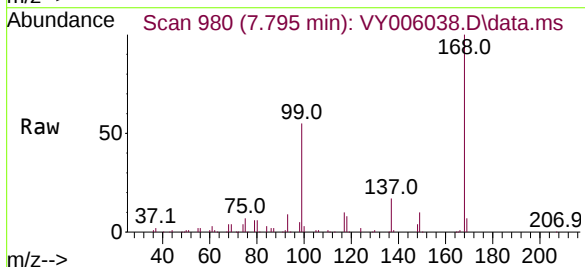
RT: 7.795 min Scan# 980

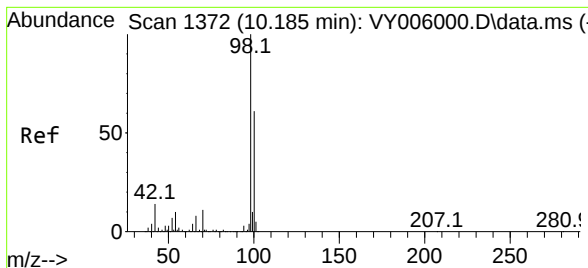
Delta R.T. -0.110 min

Lab File: VY006038.D

Acq: 16 Sep 2021 11:19

Tgt Ion:	117	Resp:	11140
Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.9	116.9#
121	0.0	24.8	37.2#

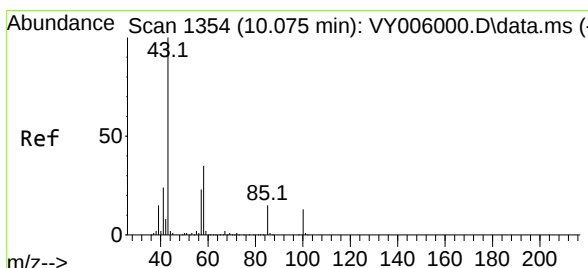
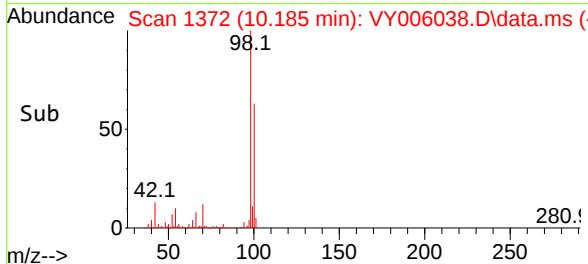
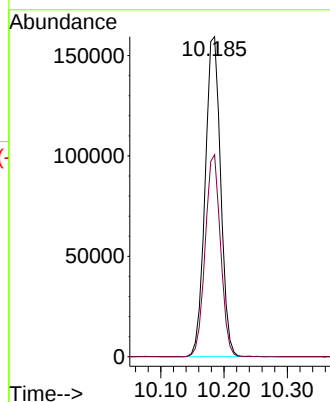
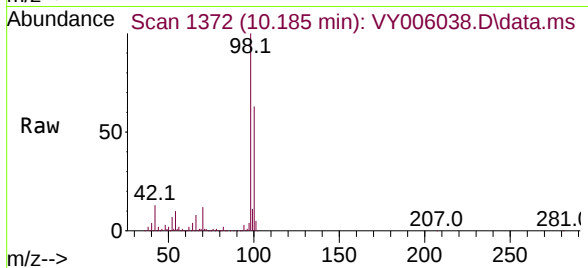




#50
Toluene-d8
Concen: 49.690 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

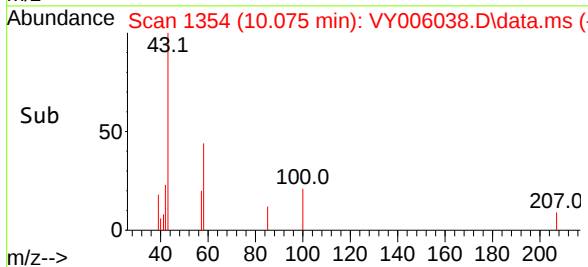
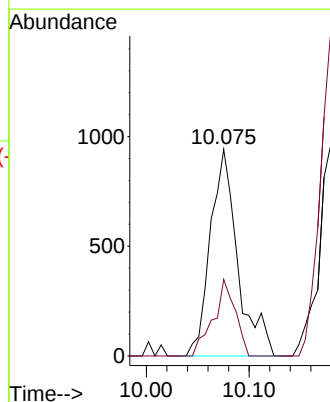
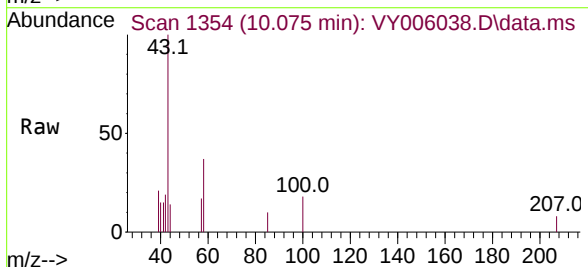
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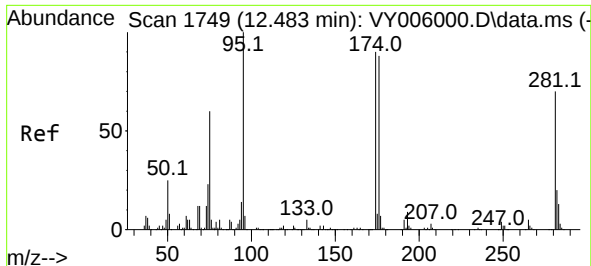
Tgt Ion: 98 Resp: 272176
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.140 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
58 29.6 28.1 42.1

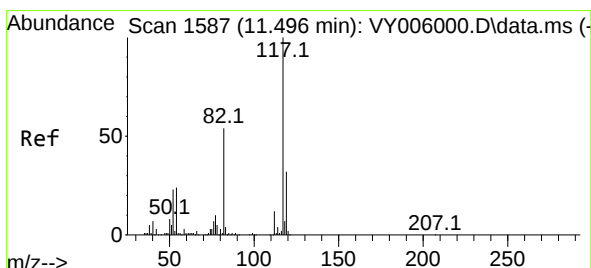
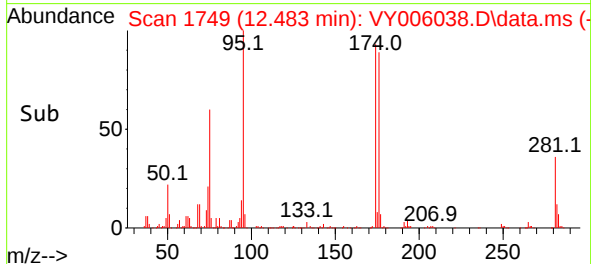
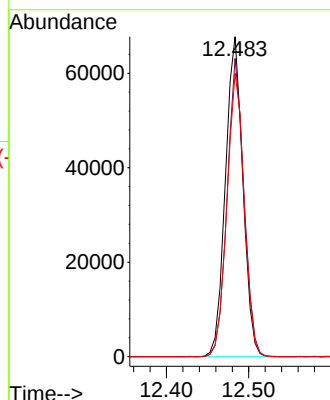
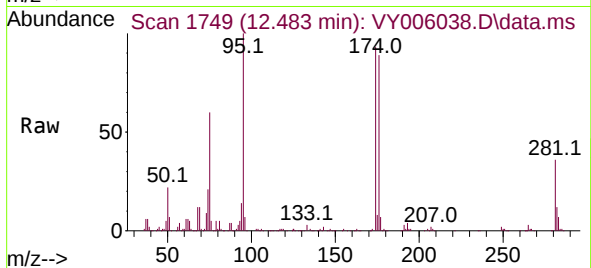




#62
4-Bromofluorobenzene
Concen: 53.669 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

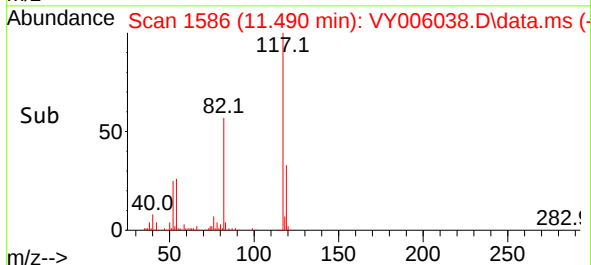
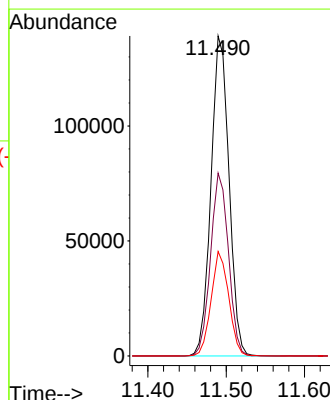
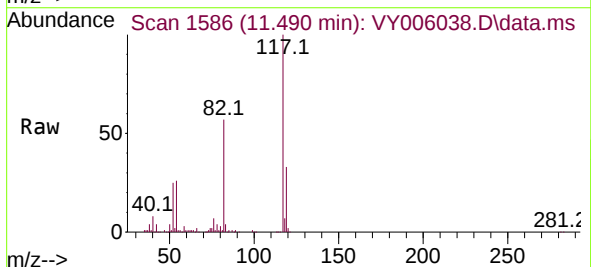
Instrument :
MSVOA_Y
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VY0916SBL01

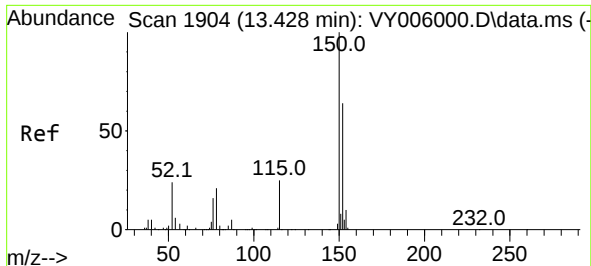
Tgt Ion: 95 Resp: 99808
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 87.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

Tgt Ion: 117 Resp: 221926
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 32.7 25.4 38.0

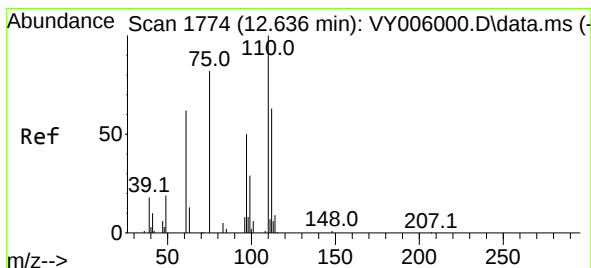
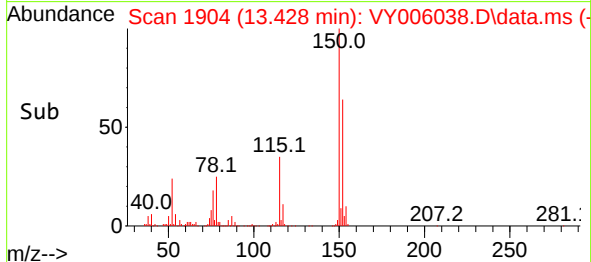
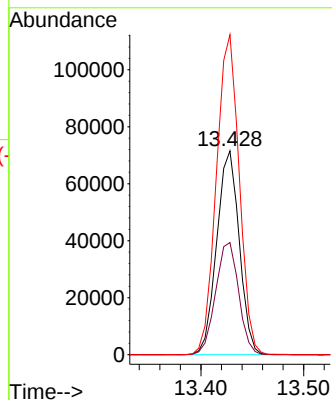
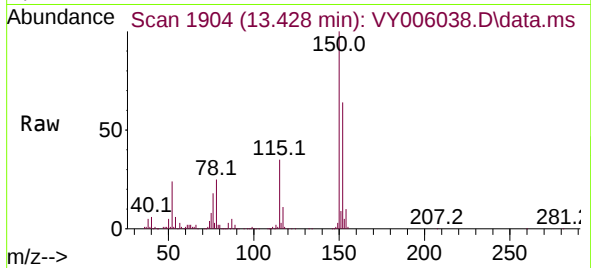




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006038.D
 Acq: 16 Sep 2021 11:19

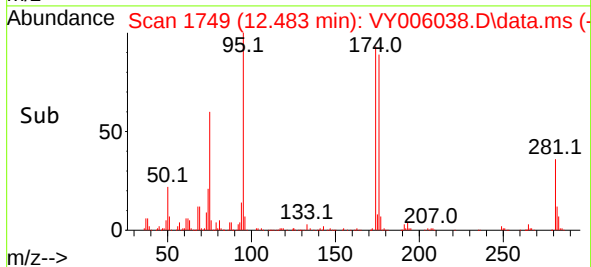
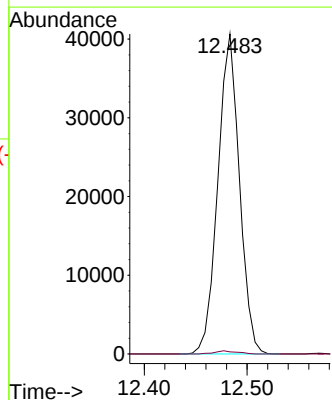
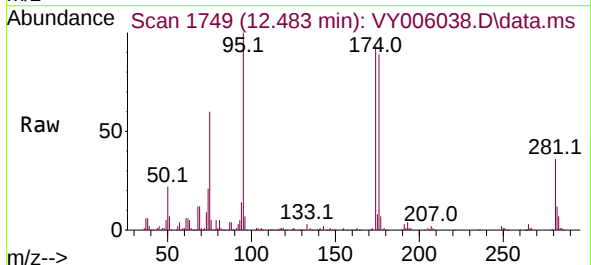
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBL01

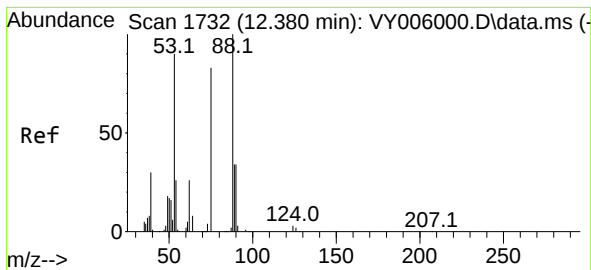
Tgt Ion:152 Resp: 108815
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 159.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.003 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006038.D
 Acq: 16 Sep 2021 11:19

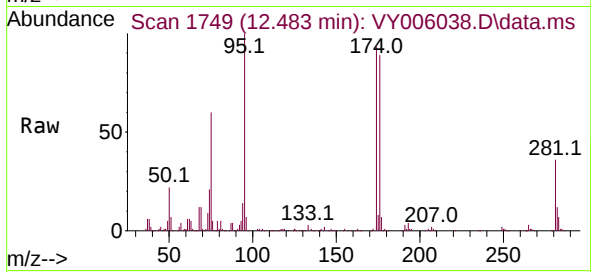
Tgt Ion: 75 Resp: 59172
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.769 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006038.D
 Acq: 16 Sep 2021 11:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.4	37.0	55.4#

