

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005740.D
 Acq On : 18 Aug 2021 15:22
 Operator : SY/MD
 Sample : M3428-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-24.5-25.0

Quant Time: Aug 19 05:17:44 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)

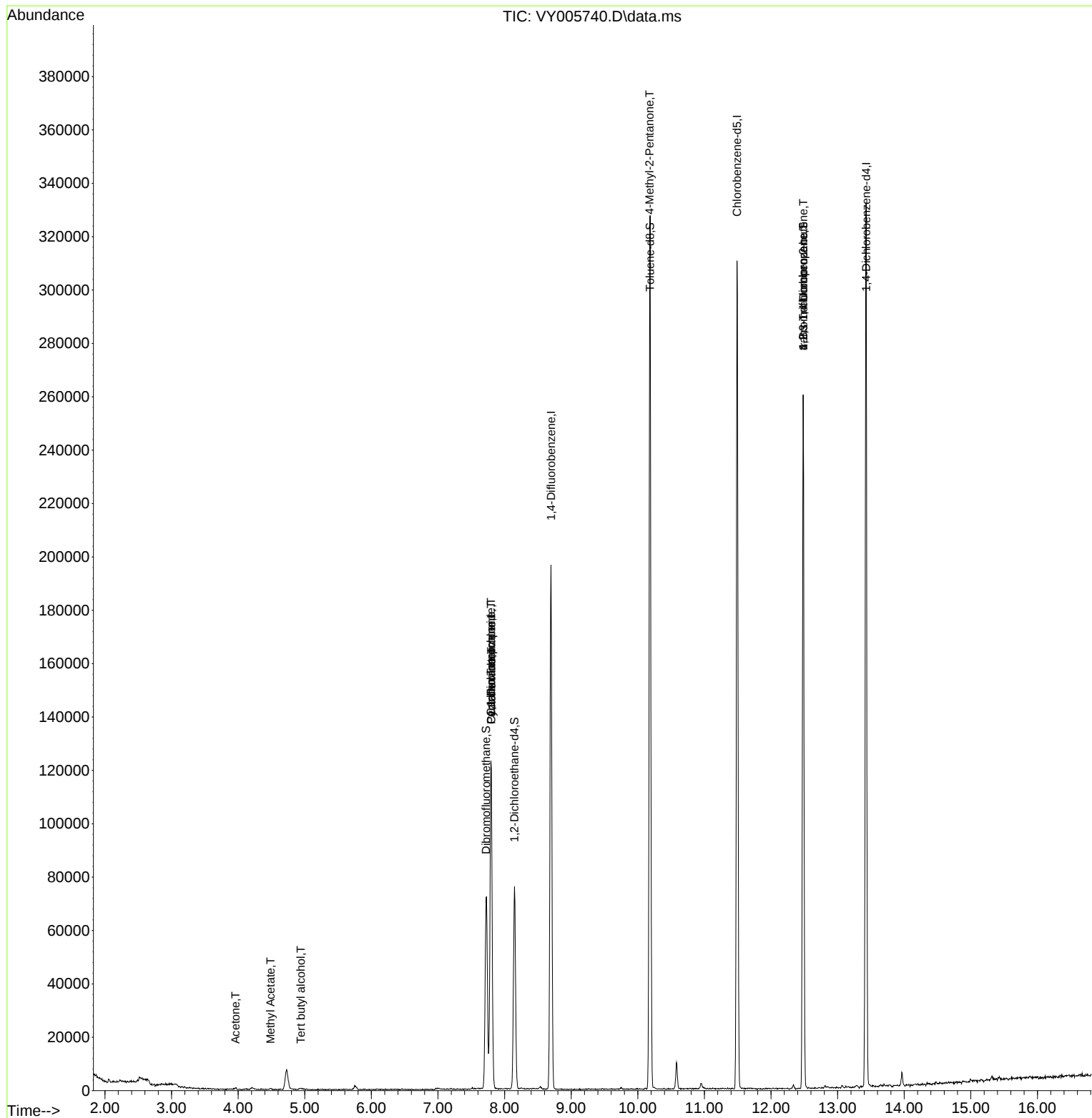
Internal Standards						
1) Pentafluorobenzene	7.801	168	98891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	163421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62275	62.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.420%	
35) Dibromofluoromethane	7.722	113	49361	53.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.900%	
50) Toluene-d8	10.185	98	209770	54.667	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	12.483	95	72121	56.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	395	3.992	ug/l #	73
16) Acetone	3.960	43	747	2.960	ug/l	92
18) Methyl Acetate	4.485	43	676	1.024	ug/l #	58
20) Methylene Chloride	4.728	84	5775	Below Cal		88
31) Cyclohexane	7.801	56	2031	1.183	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7361	4.802	ug/l #	49
38) Carbon Tetrachloride	7.795	117	9301	5.583	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1005	1.086	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	40519	45.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40519	91.530	ug/l #	11

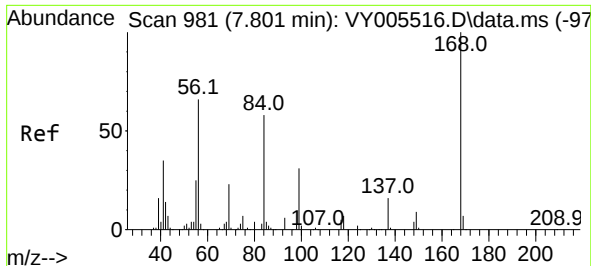
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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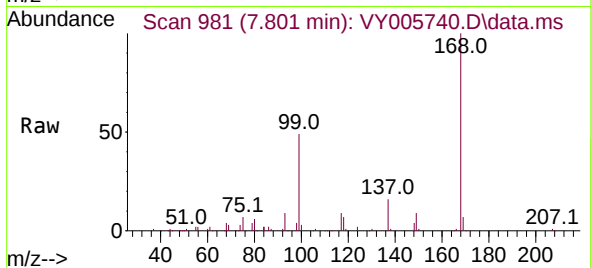
Quant Time: Aug 19 05:17:44 2021
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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
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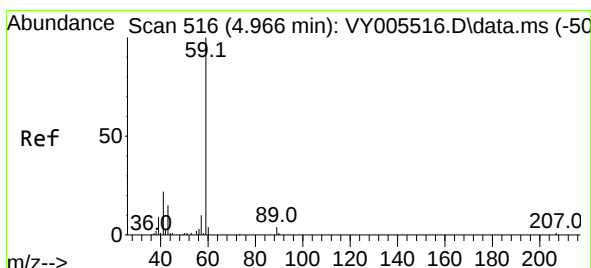
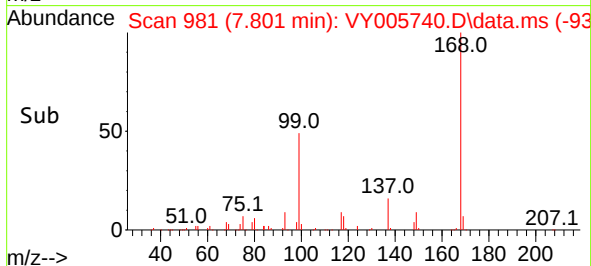
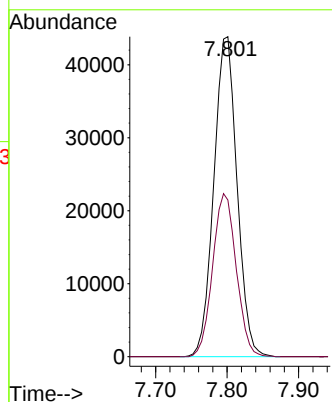


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-24.5-25.0

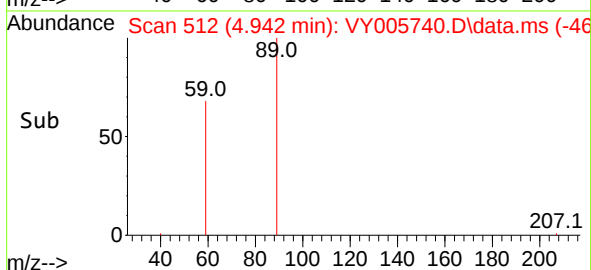
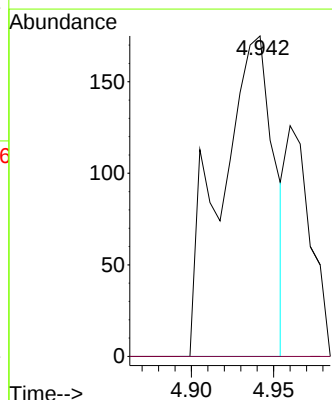
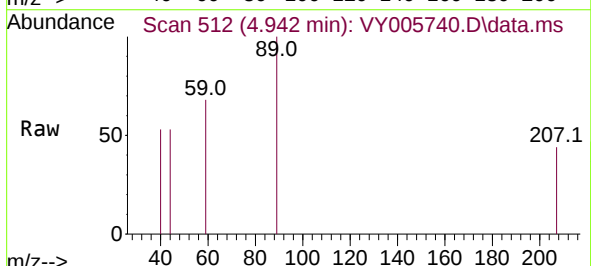


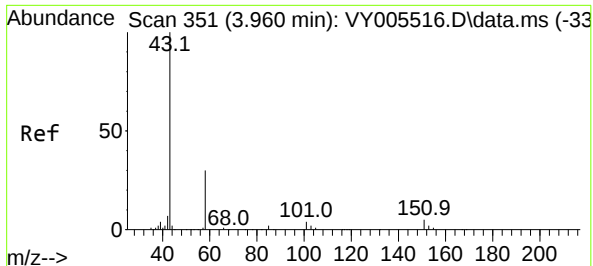
Tgt Ion:168 Resp: 98891
Ion Ratio Lower Upper
168 100
99 49.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.992 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.025 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

Tgt Ion: 59 Resp: 395
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

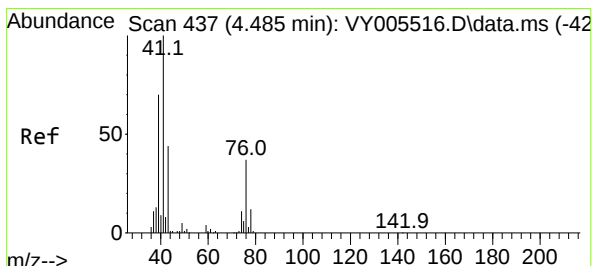
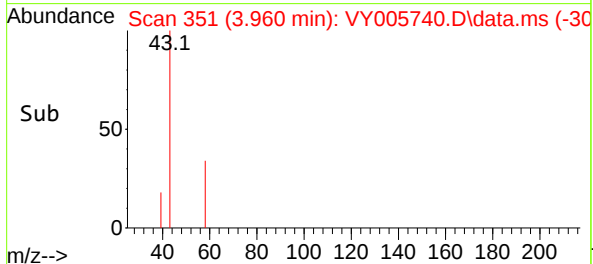
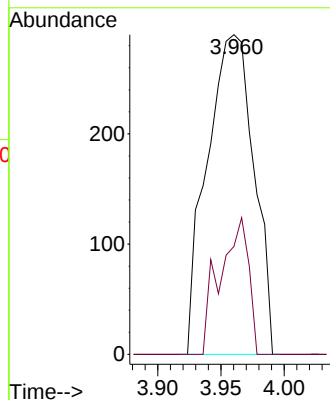
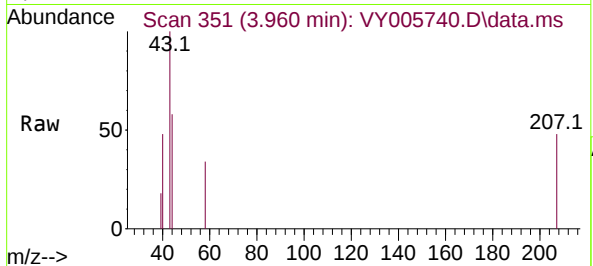




#16
Acetone
Concen: 2.960 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

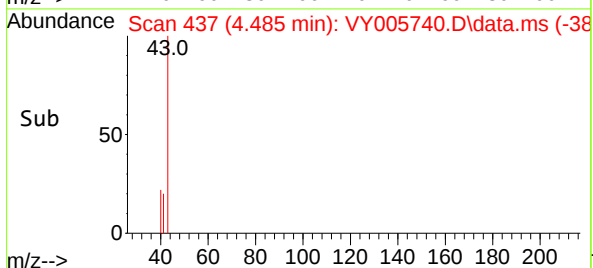
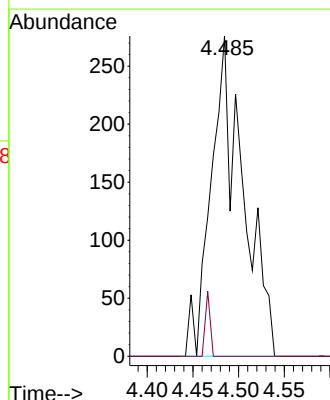
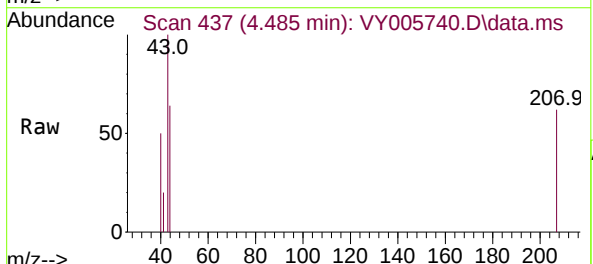
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-24.5-25.0

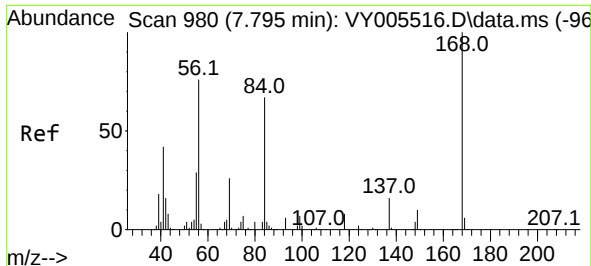
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
58 33.8 23.8 35.6



#18
Methyl Acetate
Concen: 1.024 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

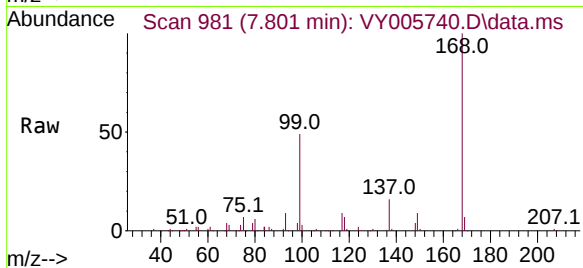
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
74 3.0 19.0 28.6#



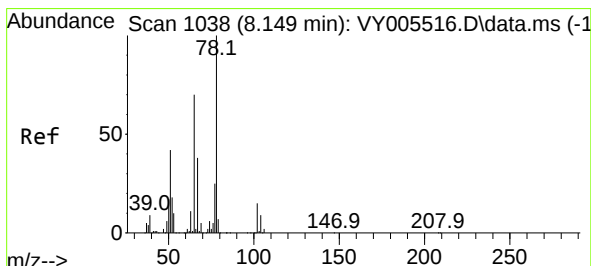
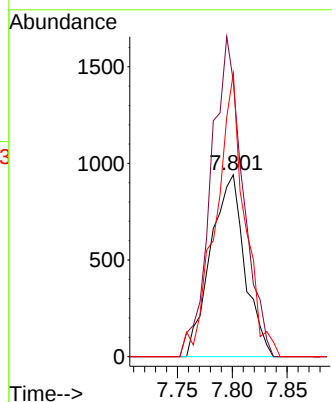
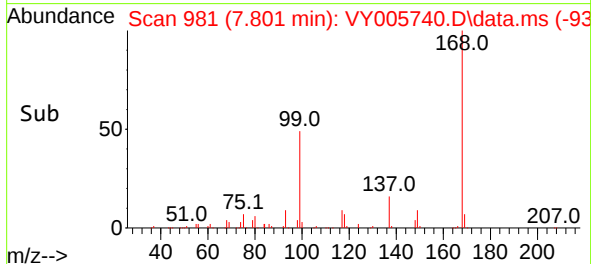


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

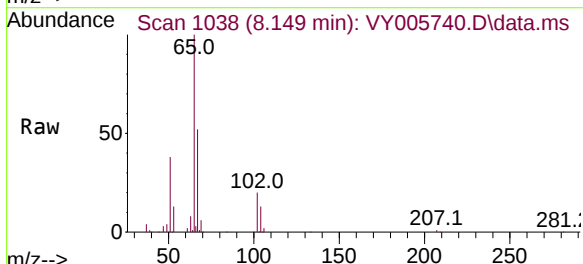
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-24.5-25.0



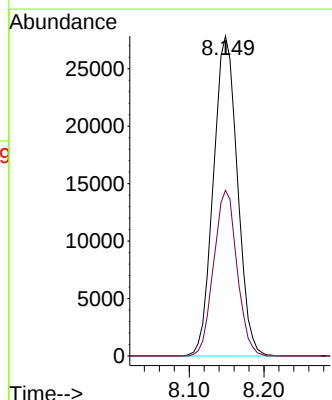
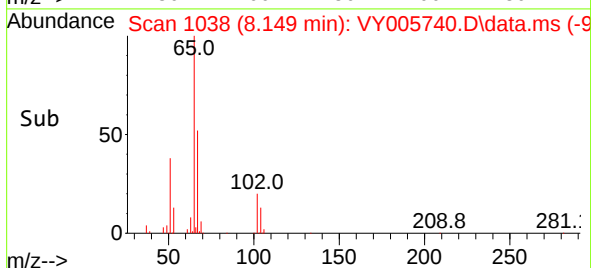
Tgt Ion: 56 Resp: 2031
Ion Ratio Lower Upper
56 100
69 151.2 27.7 41.5#
84 155.8 70.9 106.3#

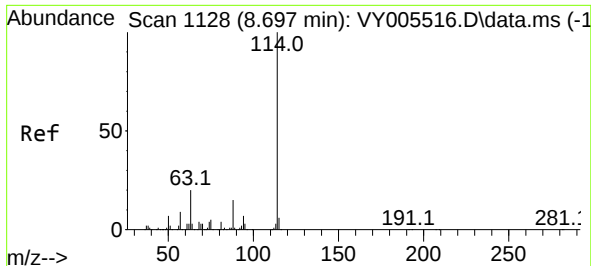


#33
1,2-Dichloroethane-d4
Concen: 62.211 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22



Tgt Ion: 65 Resp: 62275
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.4

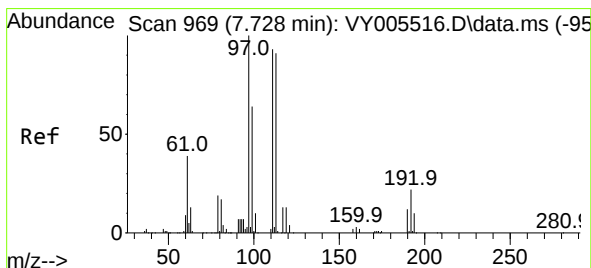
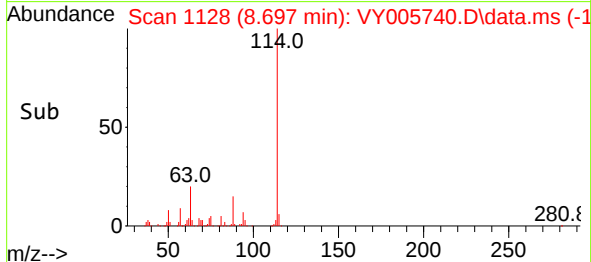
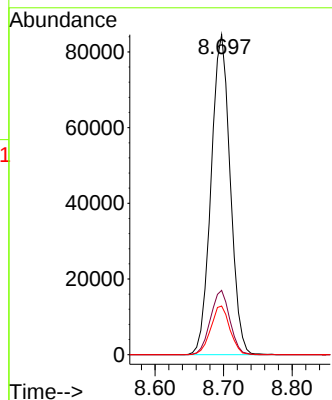
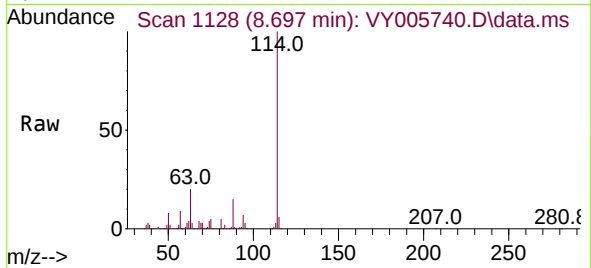




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

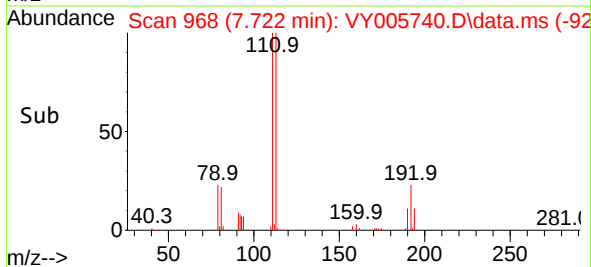
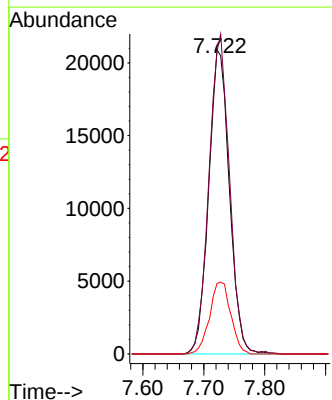
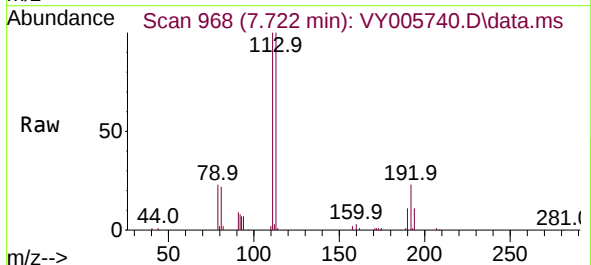
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-24.5-25.0

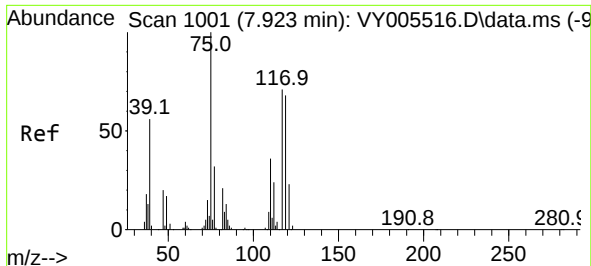
Tgt Ion:114 Resp: 163421
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.949 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

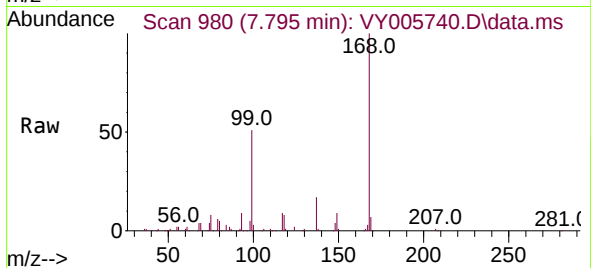
Tgt Ion:113 Resp: 49361
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 24.1 19.2 28.8



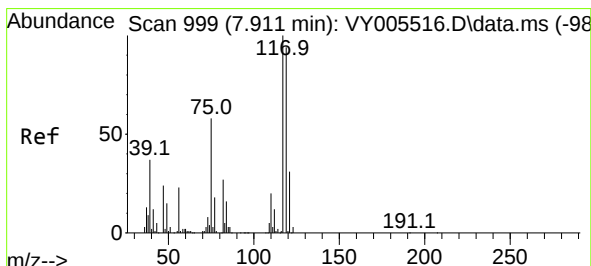
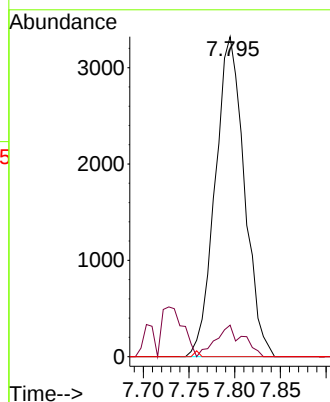
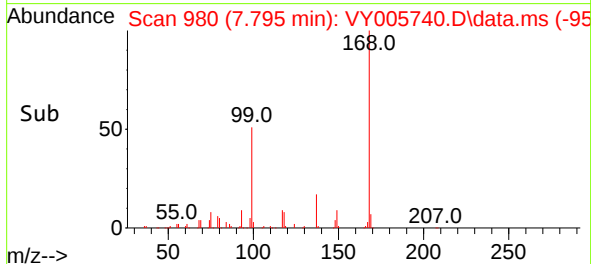


#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005740.D
 Acq: 18 Aug 2021 15:22

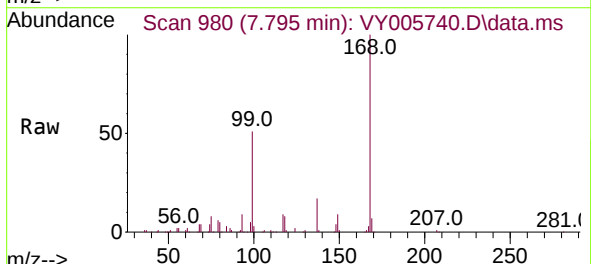
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-24.5-25.0



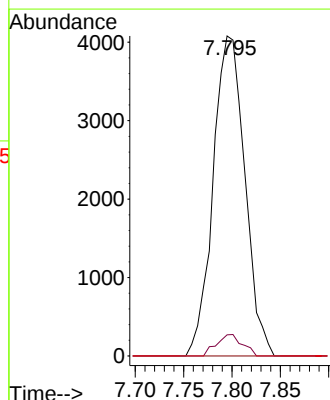
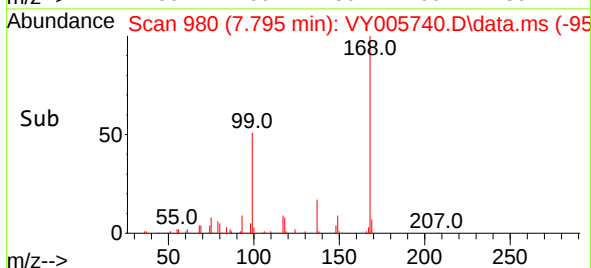
Tgt Ion:	75	Resp:	7361
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.0	25.1	37.7#

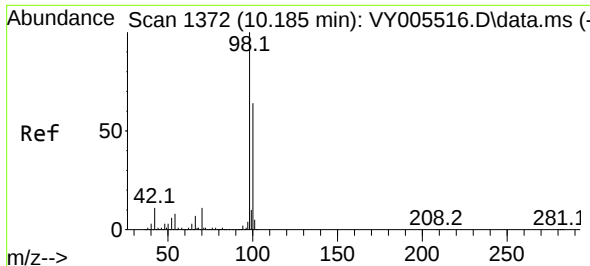


#38
 Carbon Tetrachloride
 Concen: 5.583 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005740.D
 Acq: 18 Aug 2021 15:22



Tgt Ion:	117	Resp:	9301
Ion	Ratio	Lower	Upper
117	100		
119	6.6	75.4	113.0#
121	0.0	25.1	37.7#

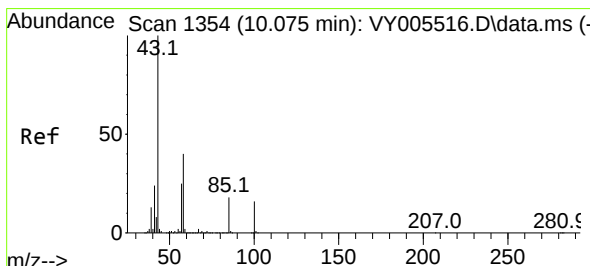
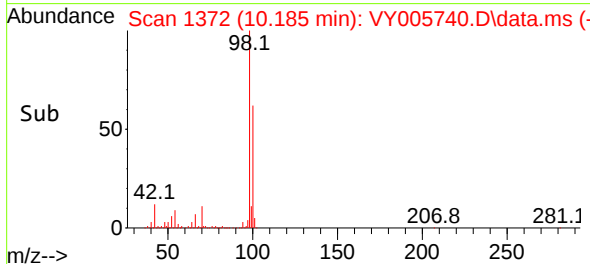
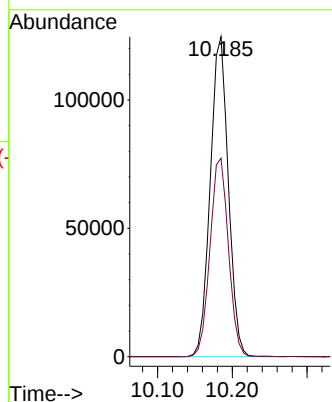
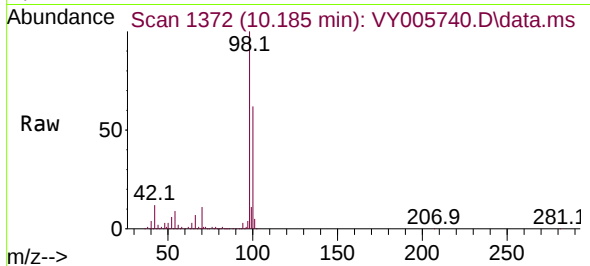




#50
Toluene-d8
Concen: 54.667 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

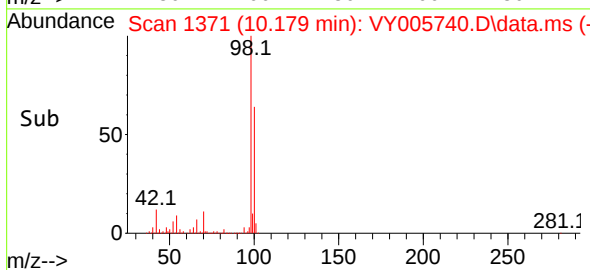
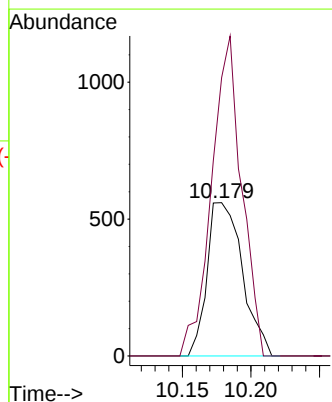
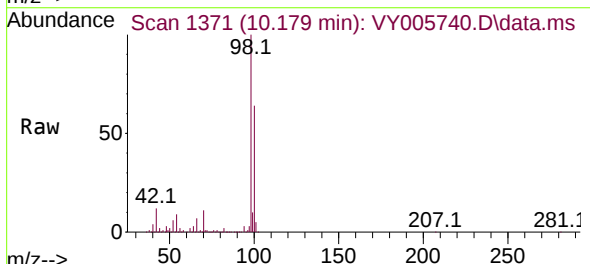
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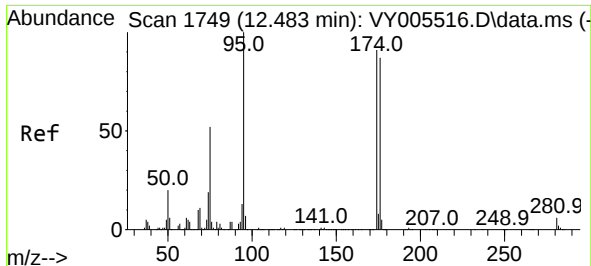
Tgt Ion: 98 Resp: 209770
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.086 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 177.6 31.4 47.2#

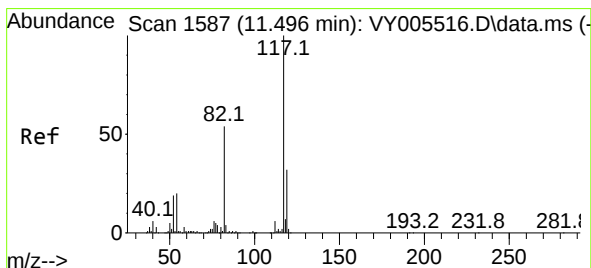
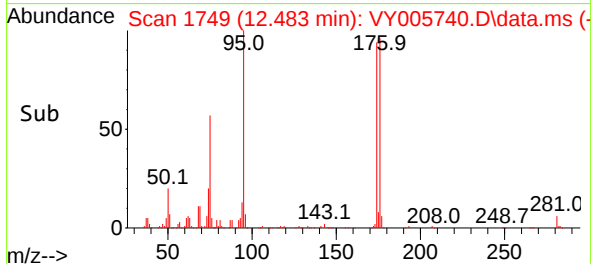
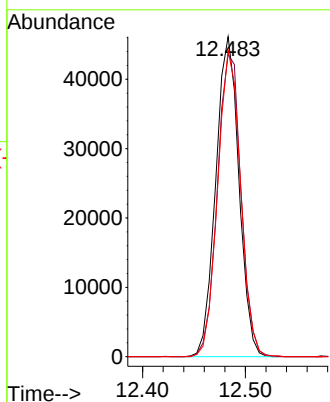
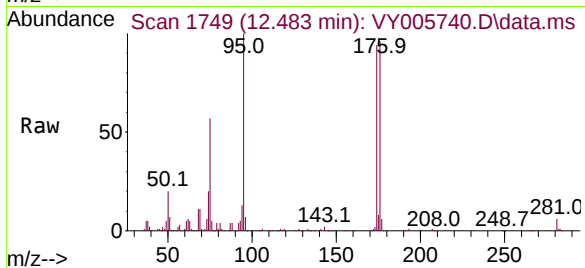




#62
4-Bromofluorobenzene
Concen: 56.757 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

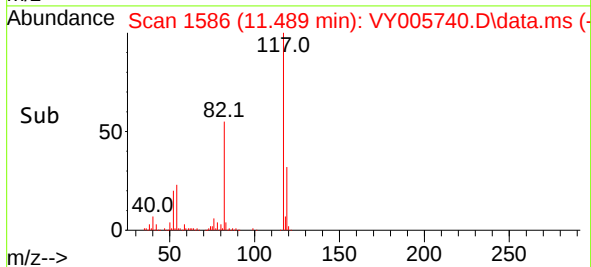
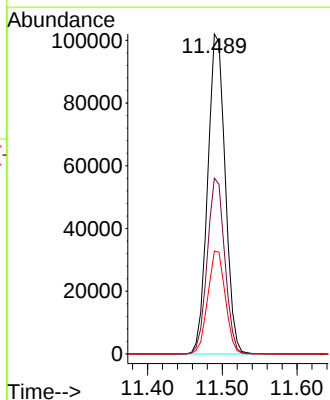
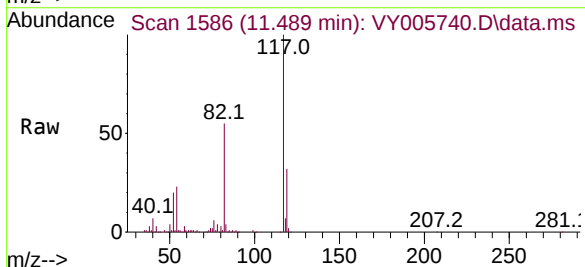
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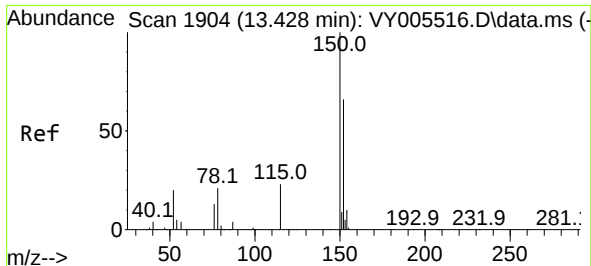
Tgt Ion:	95	Resp:	72121
Ion Ratio	Lower	Upper	
95	100		
174	96.6	0.0	191.4
176	94.4	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005740.D
Acq: 18 Aug 2021 15:22

Tgt Ion:	117	Resp:	165853
Ion Ratio	Lower	Upper	
117	100		
82	54.9	43.5	65.3
119	32.2	25.5	38.3

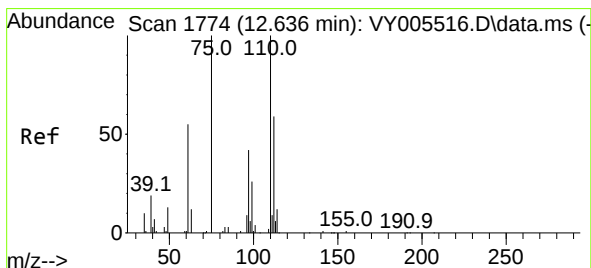
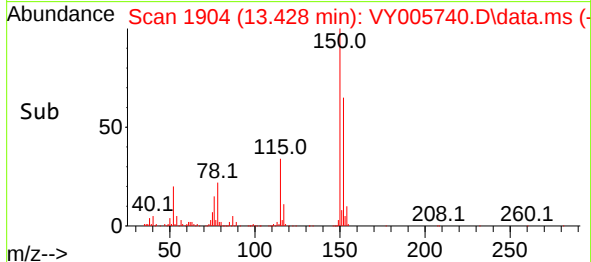
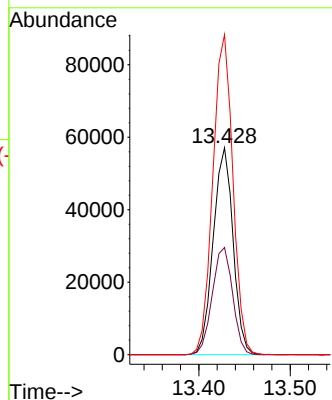
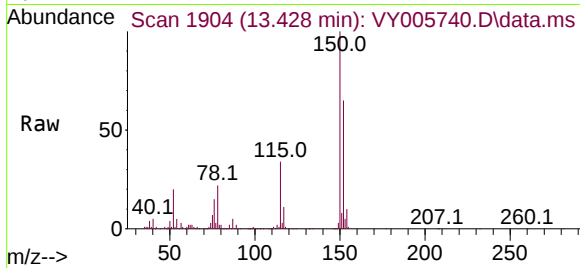




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005740.D
 Acq: 18 Aug 2021 15:22

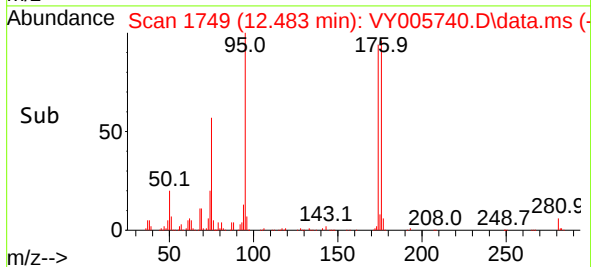
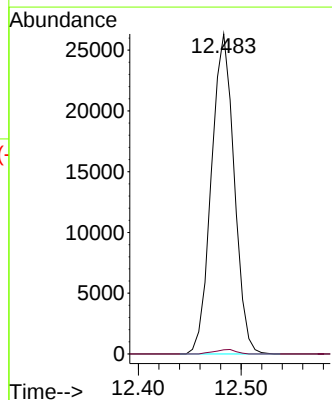
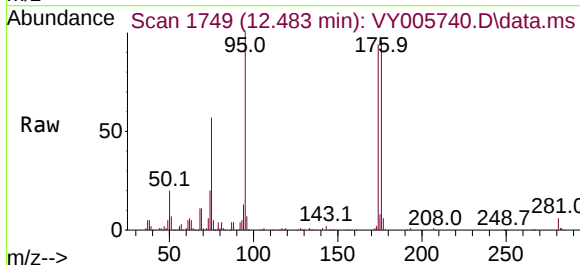
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-24.5-25.0

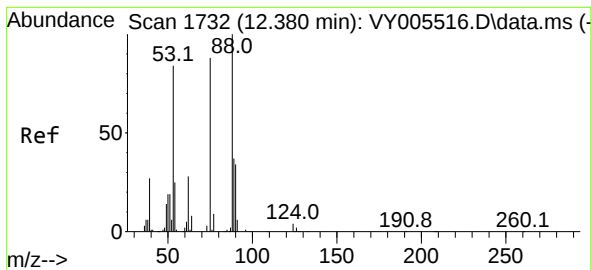
Tgt Ion:152 Resp: 86115
 Ion Ratio Lower Upper
 152 100
 115 53.4 27.3 81.9
 150 156.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.405 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005740.D
 Acq: 18 Aug 2021 15:22

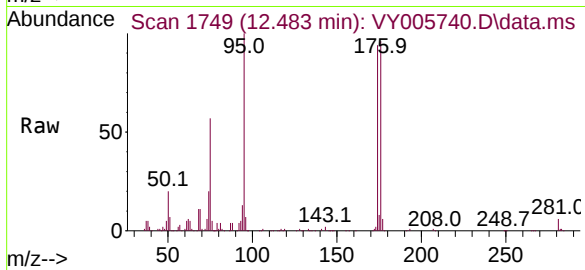
Tgt Ion: 75 Resp: 40519
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.530 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005740.D
 Acq: 18 Aug 2021 15:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-24.5-25.0



Tgt Ion:	75	Resp:	40519
Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.0	38.4	57.6#

