

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006295.D
 Acq On : 04 Oct 2021 22:34
 Operator : SY/MD
 Sample : M4047-03
 Misc : 11.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 149-ENV-1-COMPOSITE

Quant Time: Oct 05 06:39:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	120902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84649	65.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.840%
35) Dibromofluoromethane	7.728	113	63193	64.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.040%
50) Toluene-d8	10.185	98	229255	55.498	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.000%
62) 4-Bromofluorobenzene	12.483	95	74656	53.200	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.400%

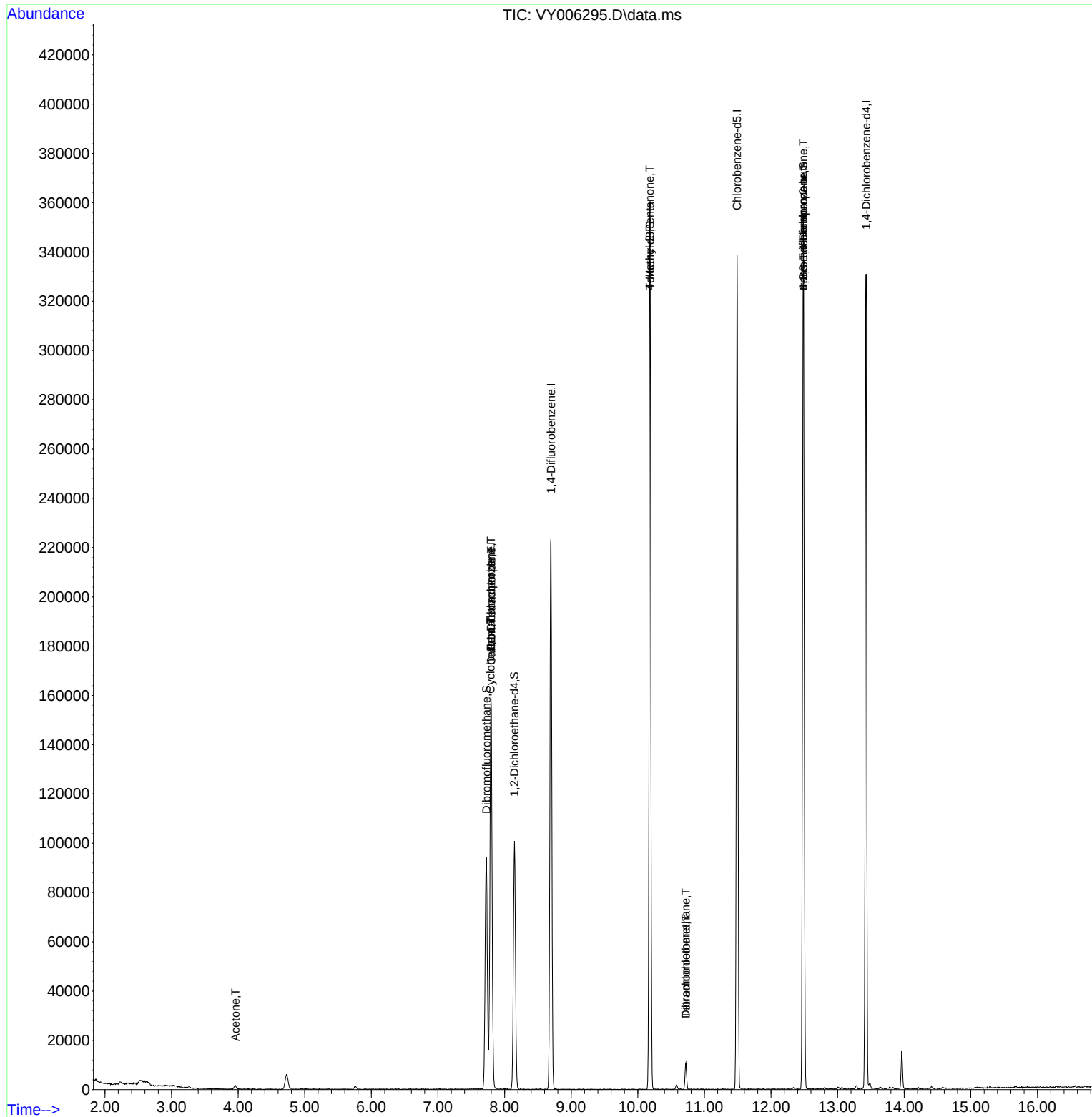
Target Compounds					Qvalue	
16) Acetone	3.960	43	2047	5.664	ug/l	95
20) Methylene Chloride	4.722	84	4302	Below Cal	#	80
31) Cyclohexane	7.789	56	2760	1.126	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	9872	5.371	ug/l #	49
38) Carbon Tetrachloride	7.801	117	12176	6.273	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1126	1.056	ug/l #	1
60) Dibromochloromethane	10.721	129	1709	1.462	ug/l #	11
64) Tetrachloroethene	10.721	164	2224	1.585	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	43890	55.799	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43890	109.654	ug/l #	8

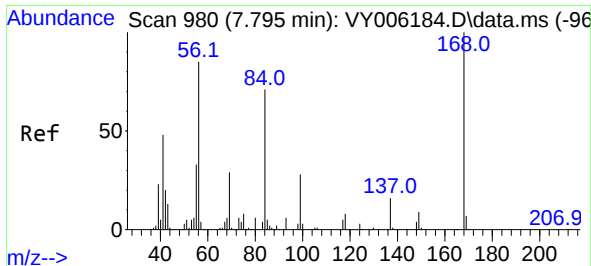
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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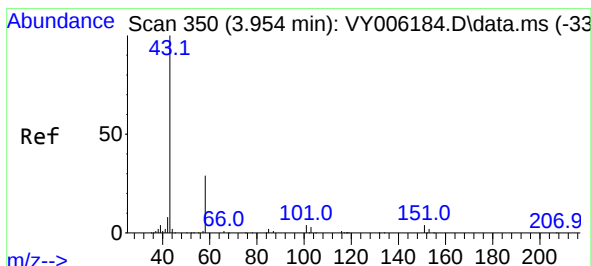
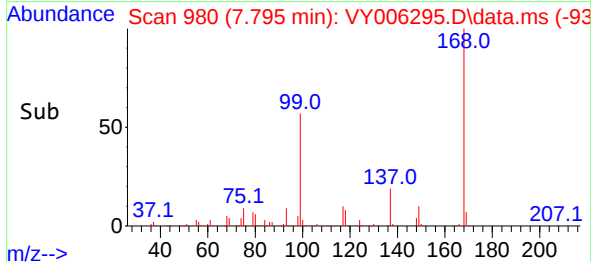
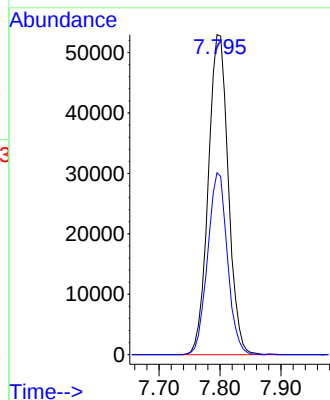
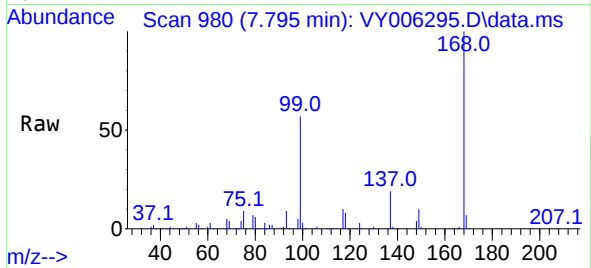




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

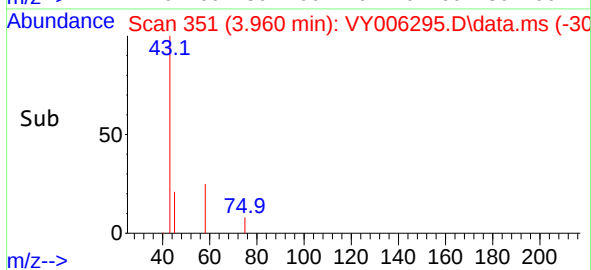
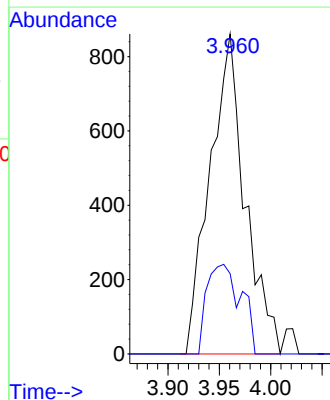
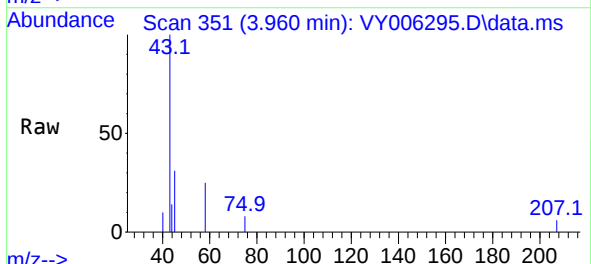
Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-COMPOSITE

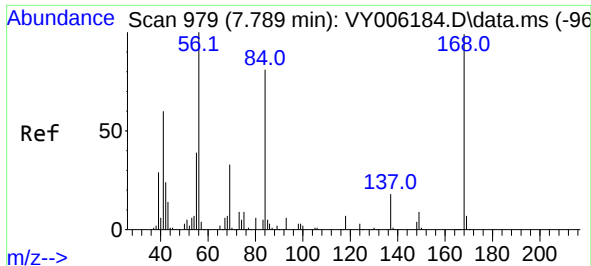
Tgt Ion:168 Resp: 120902
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#16
Acetone
Concen: 5.664 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

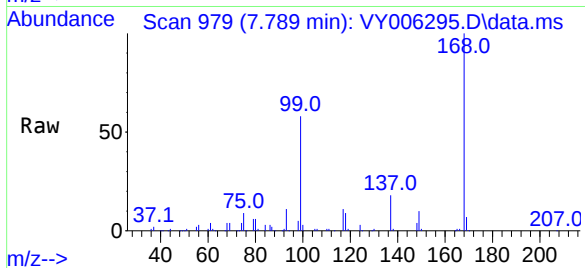
Tgt Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
58 25.1 22.0 33.0



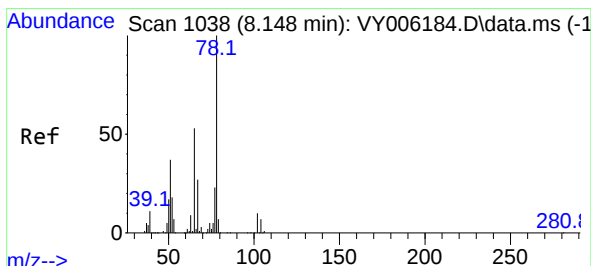
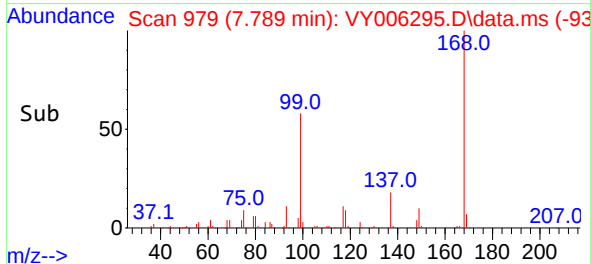
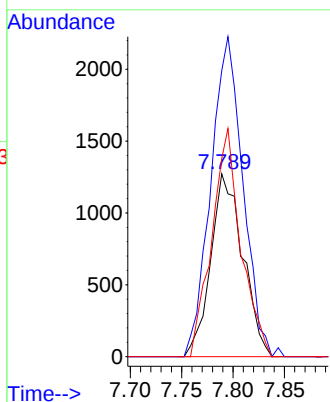


#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-COMPOSITE

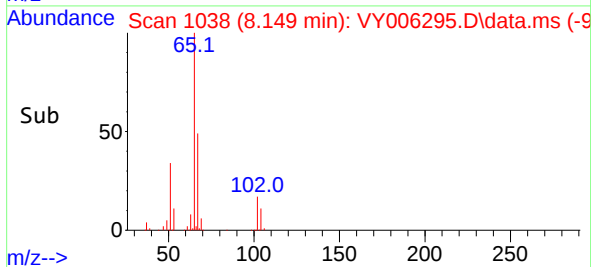
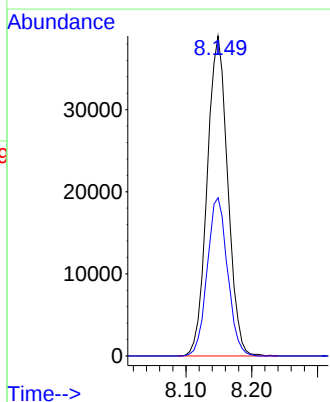
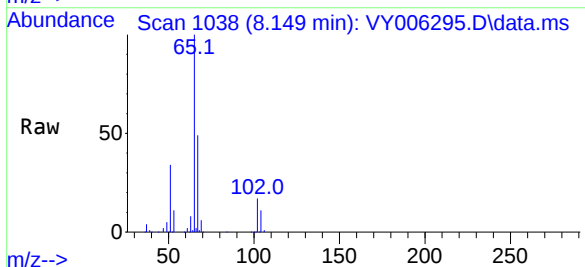


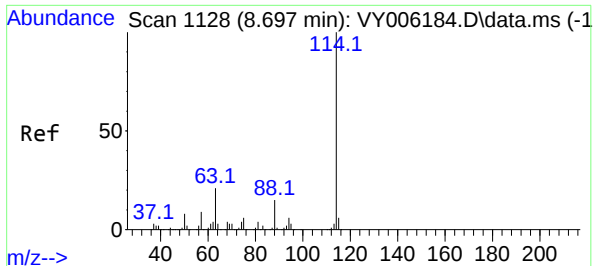
Tgt Ion: 56 Resp: 2760
Ion Ratio Lower Upper
56 100
69 156.2 26.7 40.1#
84 108.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.416 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

Tgt Ion: 65 Resp: 84649
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4



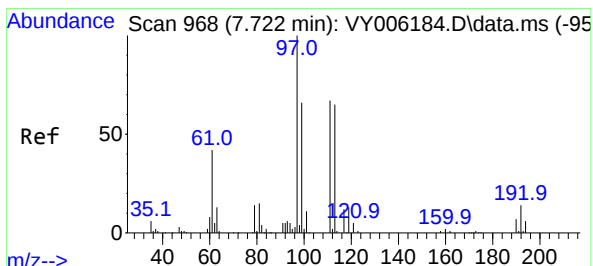
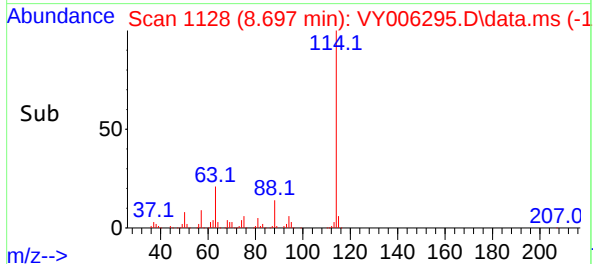
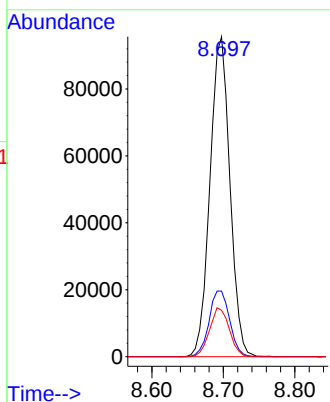
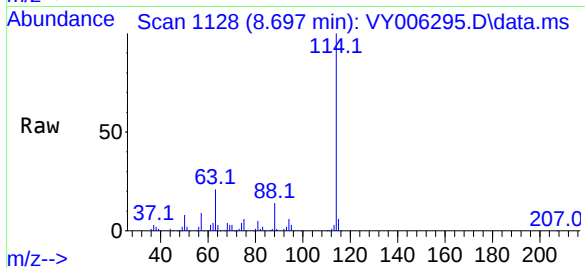


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-COMPOSITE

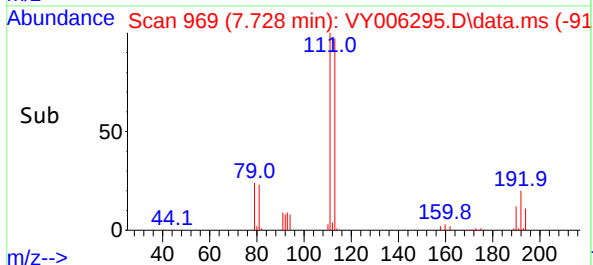
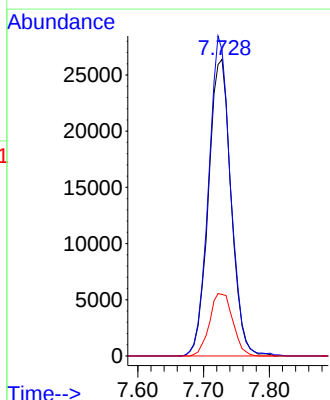
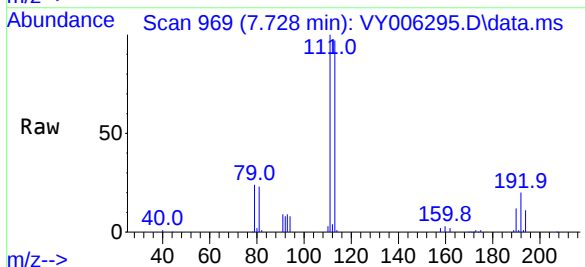
Tgt Ion:	114	Resp:	184745
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.2
88	14.5	0.0	31.8

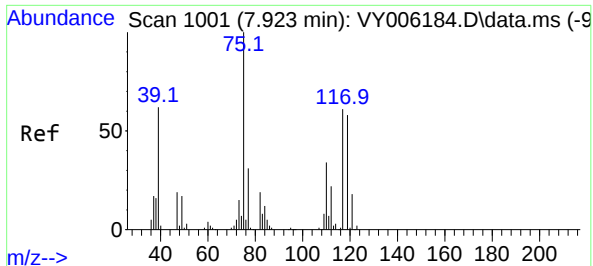


#35

Dibromofluoromethane
Concen: 64.024 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

Tgt Ion:	113	Resp:	63193
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	124.0
192	21.6	17.6	26.4



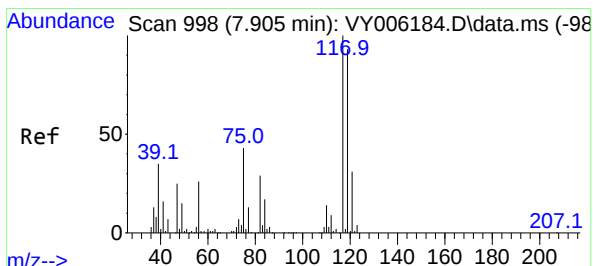
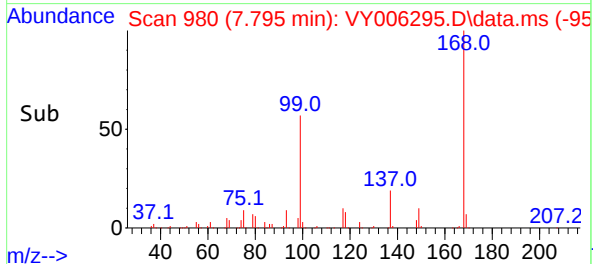
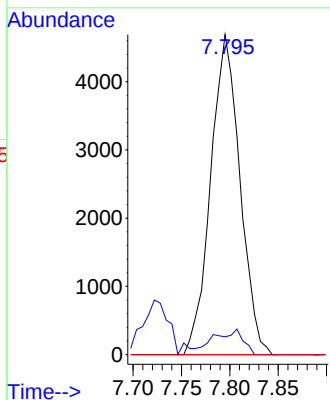
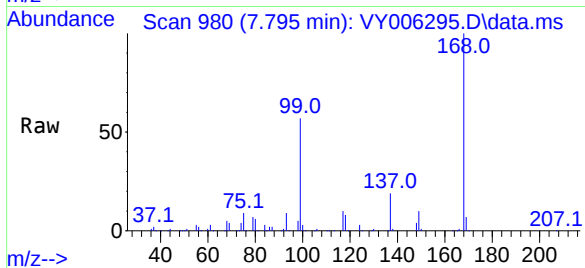


#36

1,1-Dichloropropene
Concen: 5.371 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

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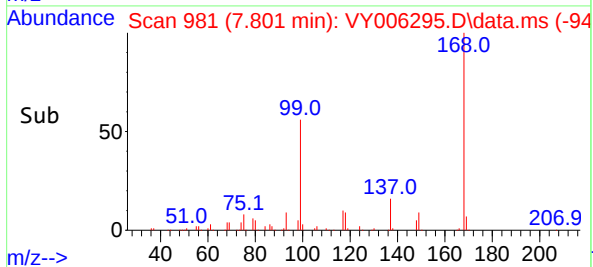
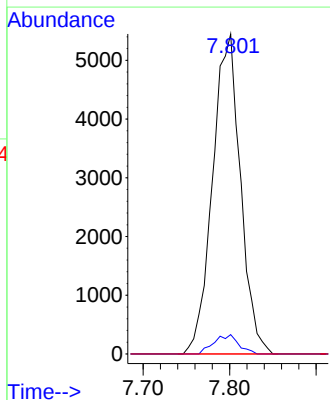
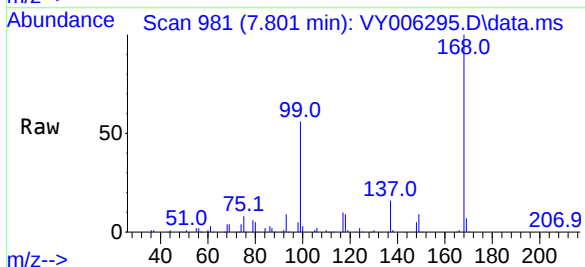
Tgt Ion: 75 Resp: 9872
Ion Ratio Lower Upper
75 100
110 7.8 17.1 51.2#
77 0.0 24.4 36.6#

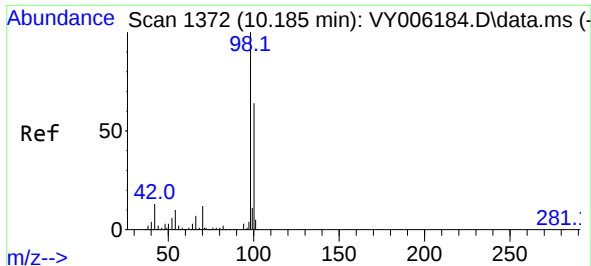


#38

Carbon Tetrachloride
Concen: 6.273 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

Tgt Ion: 117 Resp: 12176
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#

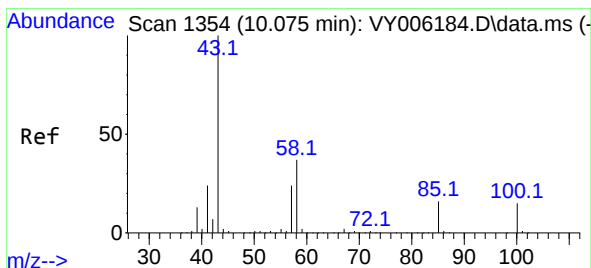
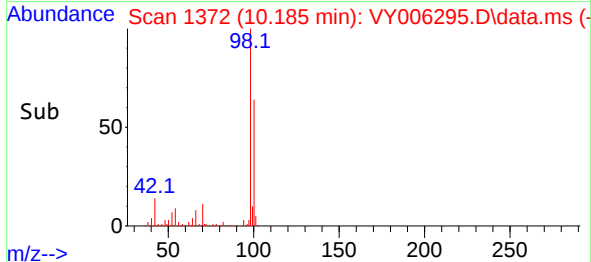
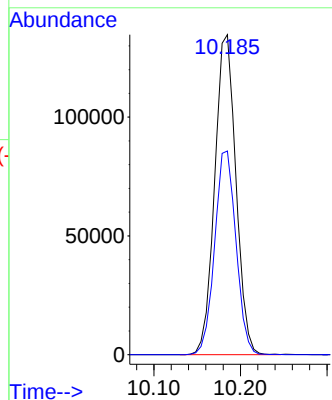
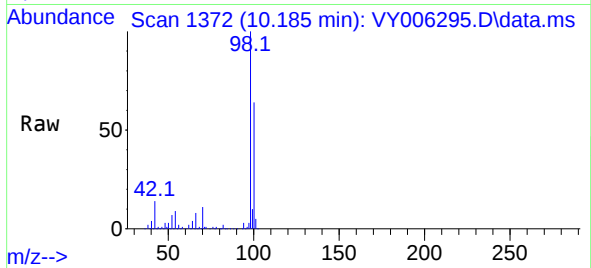




#50
Toluene-d8
Concen: 55.498 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

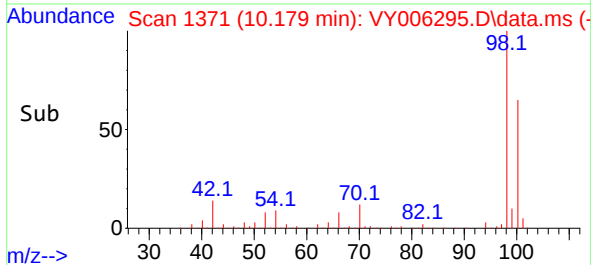
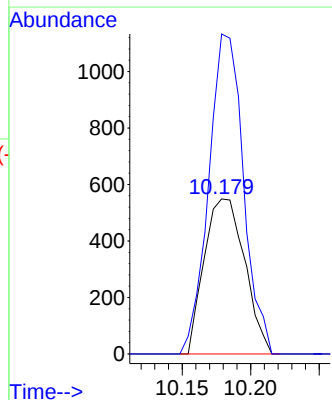
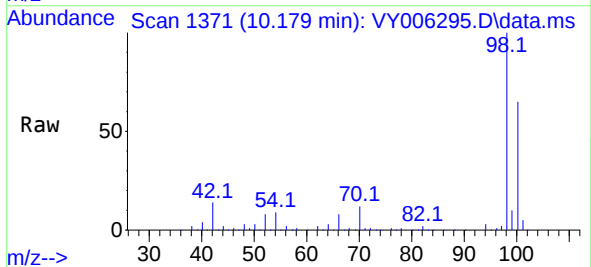
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ClientSampleId :
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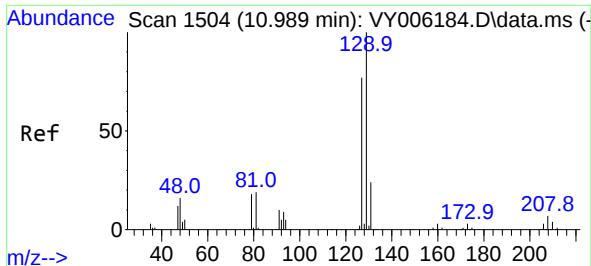
Tgt Ion: 98 Resp: 229255
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.056 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 177.5 28.1 42.1#

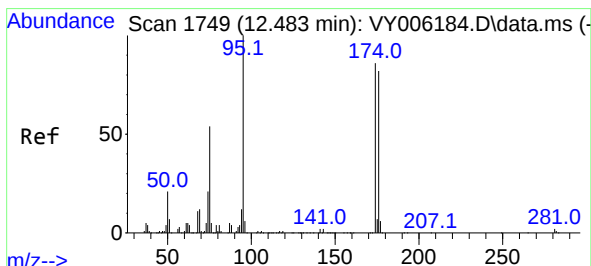
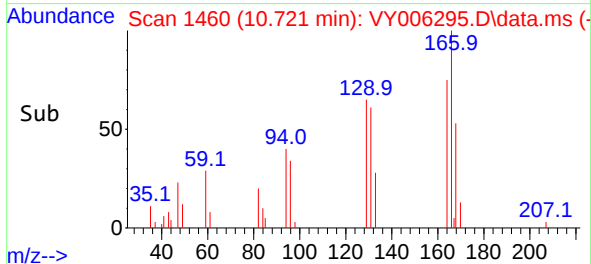
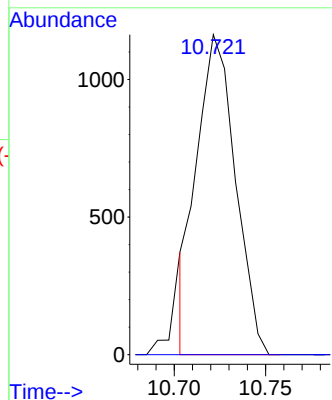
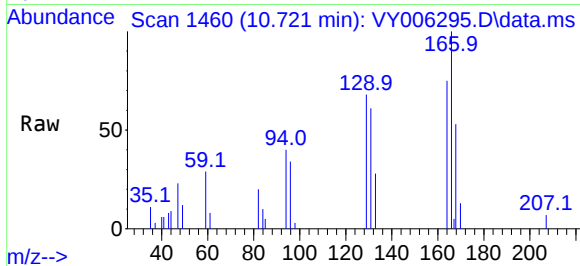




#60
Dibromochloromethane
Concen: 1.462 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

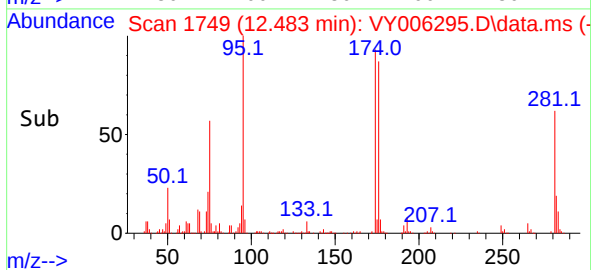
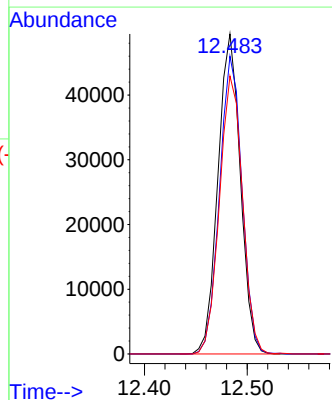
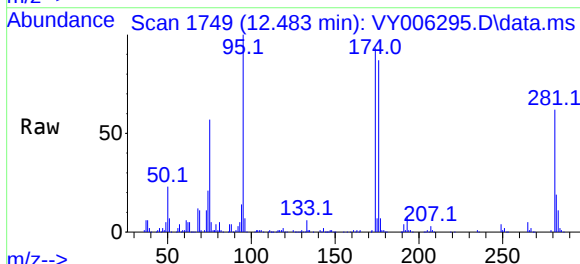
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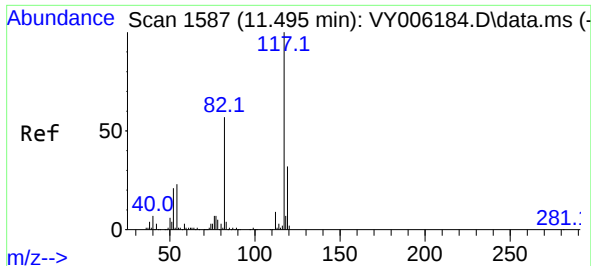
Tgt Ion:129 Resp: 1709
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 53.200 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

Tgt Ion: 95 Resp: 74656
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 89.5 0.0 175.8

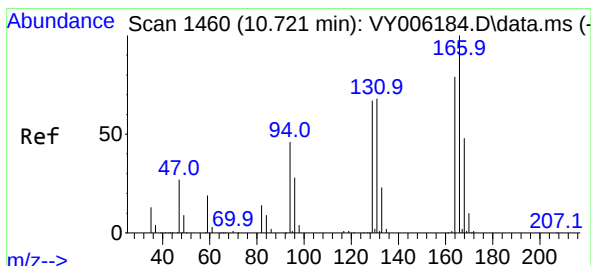
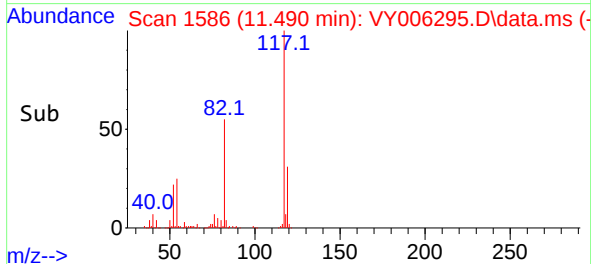
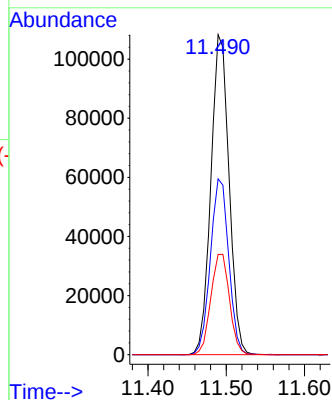
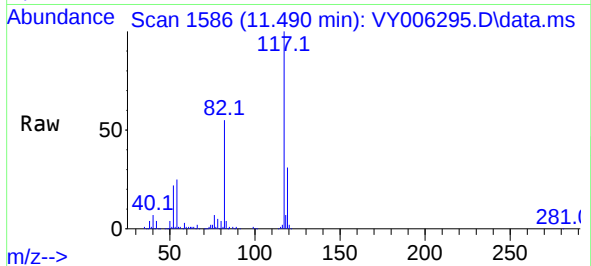




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

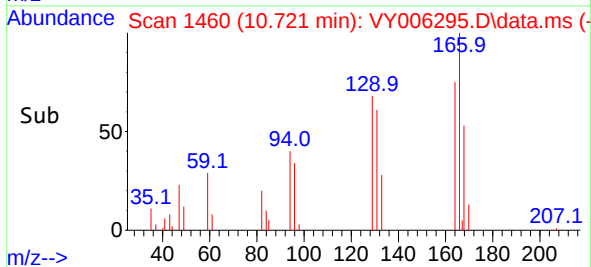
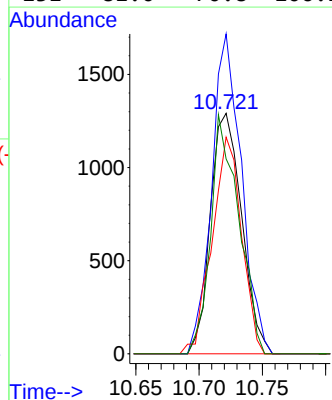
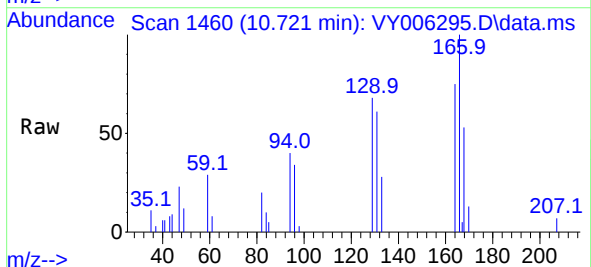
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MSVOA_Y
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149-ENV-1-COMPOSITE

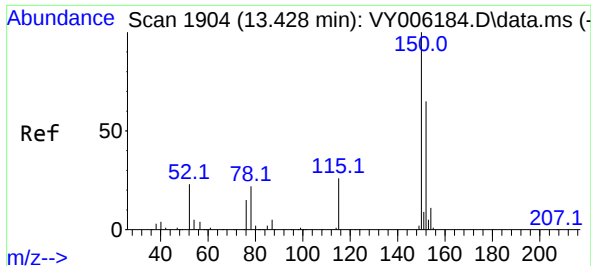
Tgt Ion:117 Resp: 174209
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 1.585 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

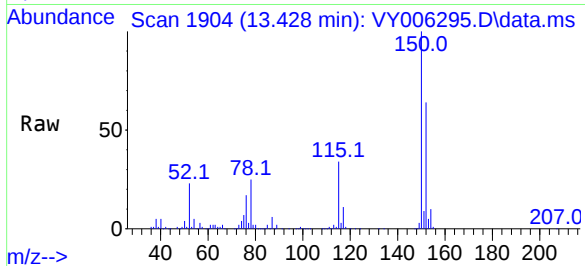
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Ion Ratio Lower Upper
164 100
166 133.0 100.4 150.6
129 90.1 71.4 107.0
131 81.0 70.8 106.2



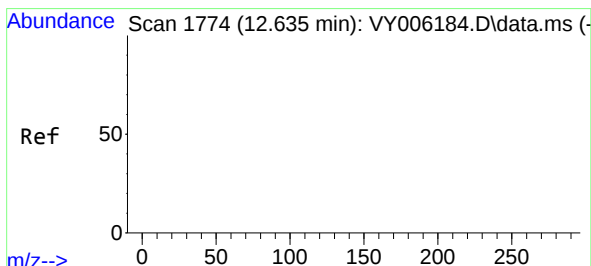
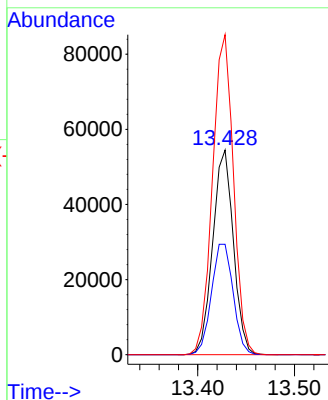
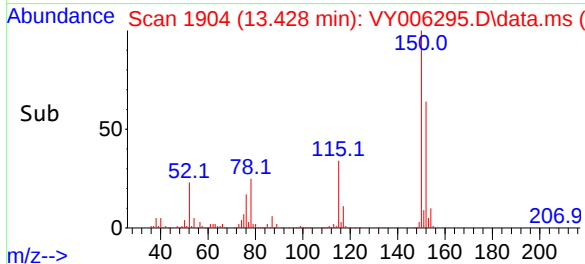


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-COMPOSITE

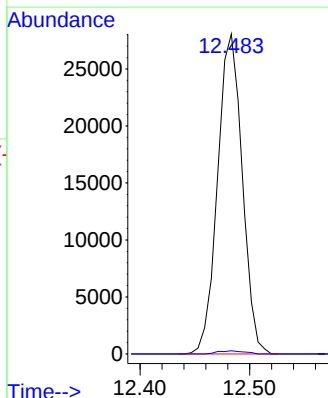
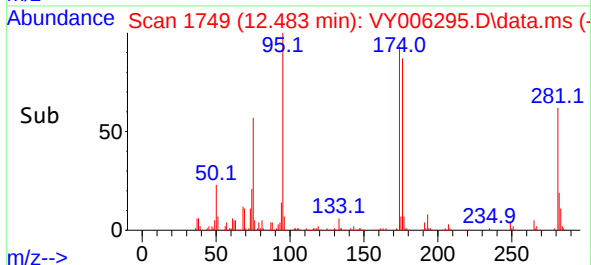
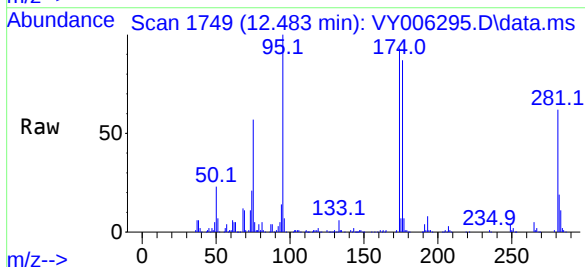


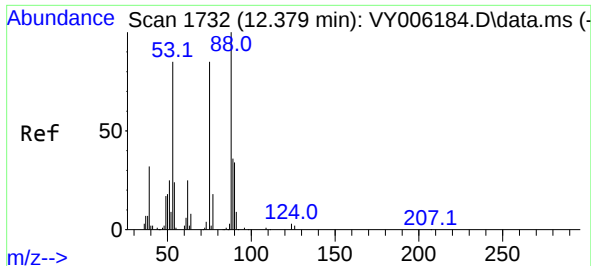
Tgt Ion:152 Resp: 80927
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 158.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 55.799 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

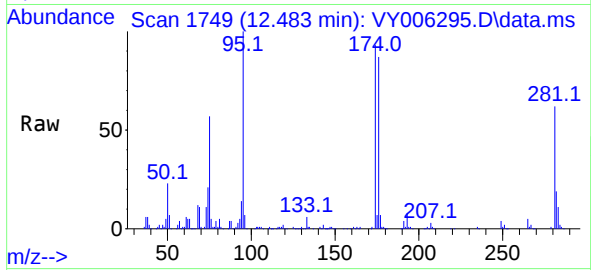
Tgt Ion: 75 Resp: 43890
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006295.D
Acq: 04 Oct 2021 22:34

Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-COMPOSITE



Tgt Ion: 75 Resp: 43890
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.8 37.0 55.4#

