

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006693.D
 Acq On : 08 Nov 2021 20:16
 Operator : SY/MD
 Sample : M4541-01
 Misc : 4.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:08:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

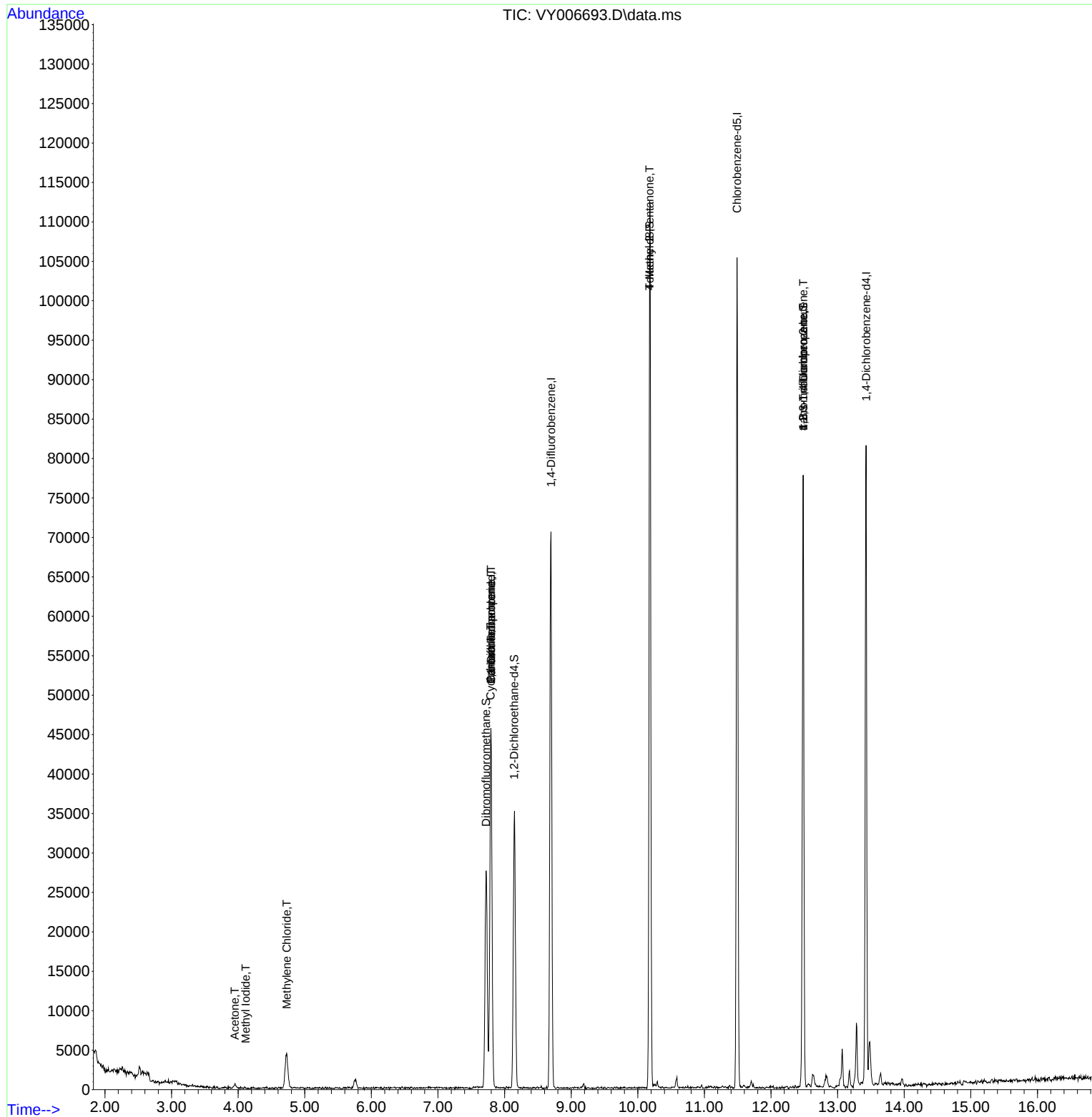
Internal Standards						
1) Pentafluorobenzene	7.795	168	34341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	56450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	51462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28017	66.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.600%	
35) Dibromofluoromethane	7.722	113	18505	58.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.620%	
50) Toluene-d8	10.179	98	71177	53.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.720%	
62) 4-Bromofluorobenzene	12.483	95	21314	47.438	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.880%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	44	5.177	ug/l #	36
16) Acetone	3.948	43	912	7.495	ug/l #	85
20) Methylene Chloride	4.728	84	2914	4.009	ug/l	87
31) Cyclohexane	7.789	56	979	1.431	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	2963	5.312	ug/l #	48
38) Carbon Tetrachloride	7.795	117	3542	5.756	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	373	1.039	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	11916	60.117	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11916	123.419	ug/l #	7

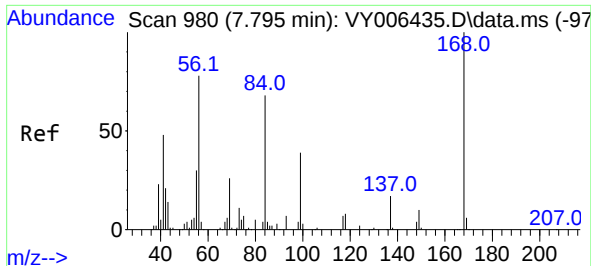
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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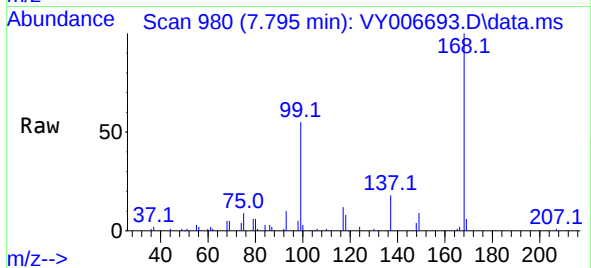
Quant Time: Nov 09 13:08:39 2021
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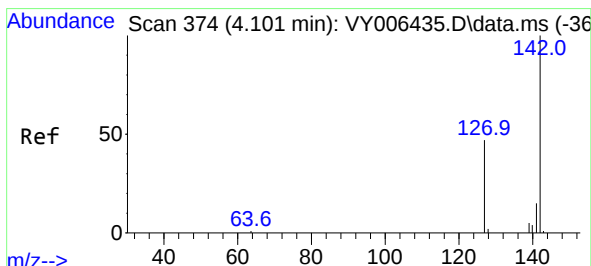
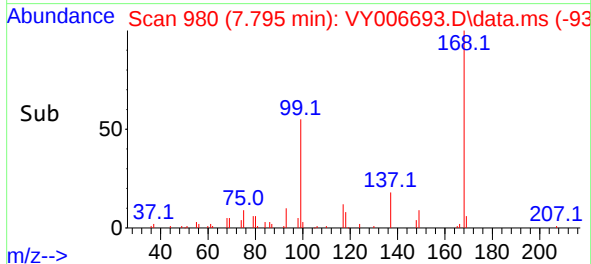
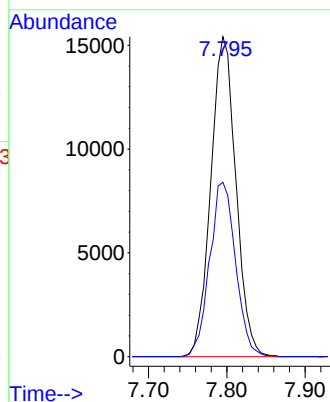


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :

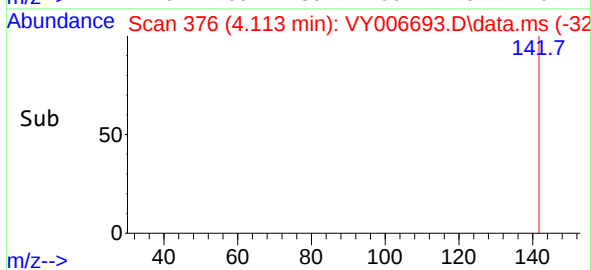
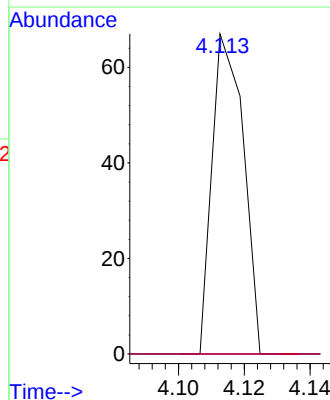
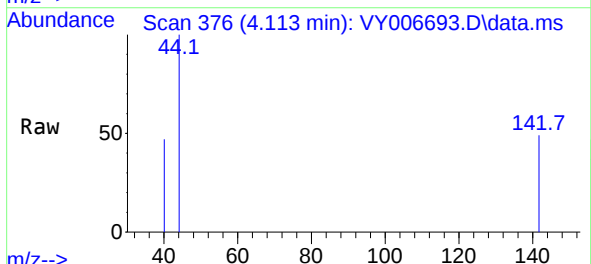


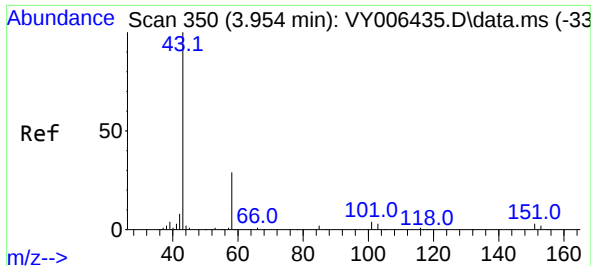
Tgt Ion:168 Resp: 34341
Ion Ratio Lower Upper
168 100
99 54.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.177 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

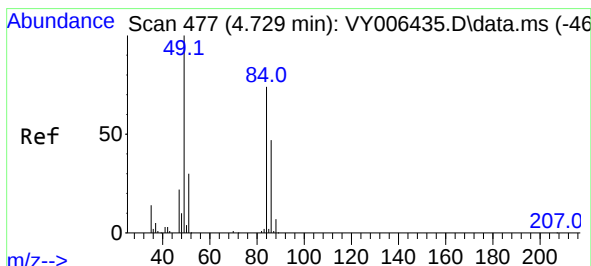
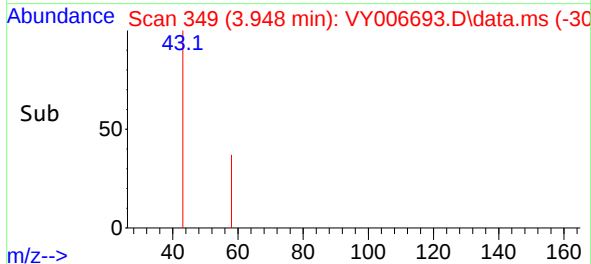
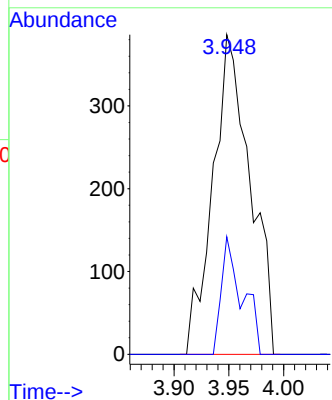
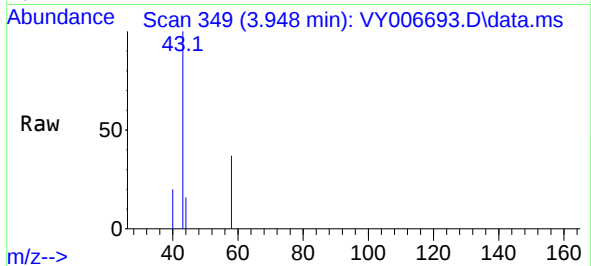




#16
Acetone
Concen: 7.495 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

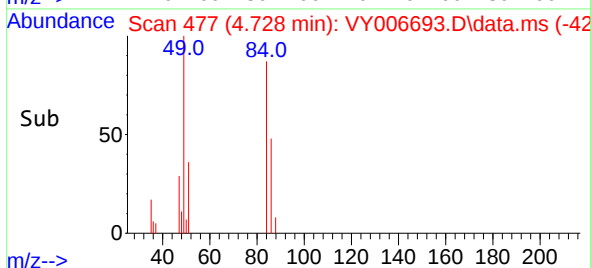
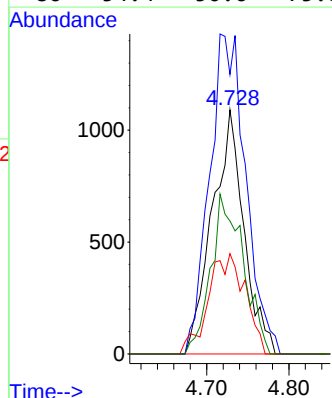
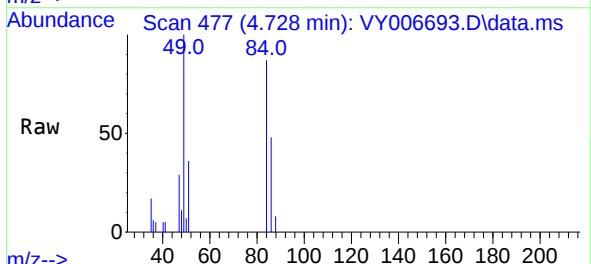
Instrument :
MSVOA_Y
ClientSampleId :

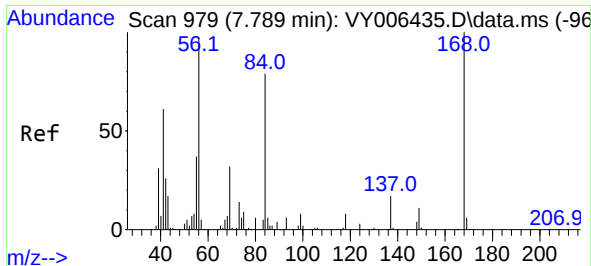
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 36.8 22.9 34.3#



#20
Methylene Chloride
Concen: 4.009 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

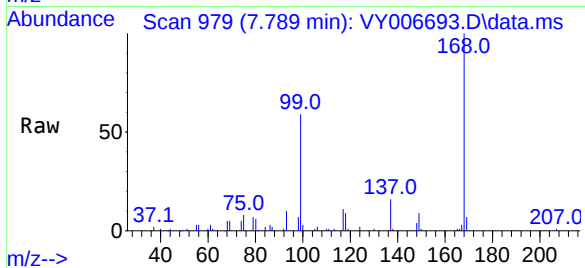
Tgt Ion: 84 Resp: 2914
Ion Ratio Lower Upper
84 100
49 114.5 107.8 161.8
51 41.1 32.8 49.2
86 54.4 50.6 75.8



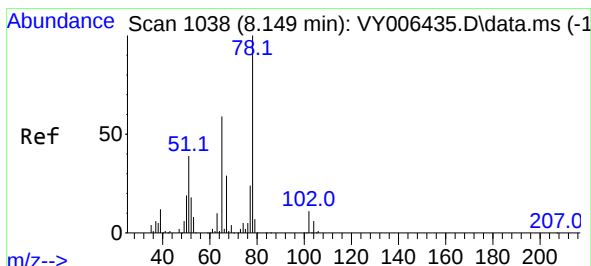
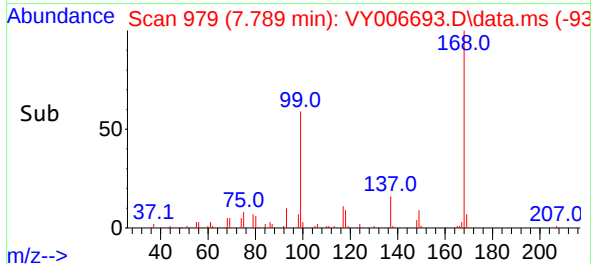
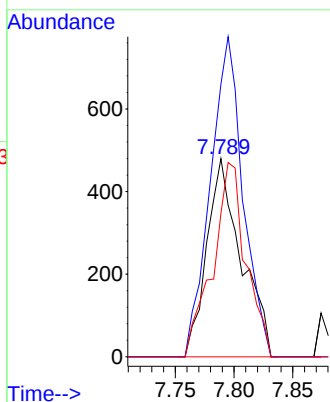


#31
Cyclohexane
Concen: 1.431 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :

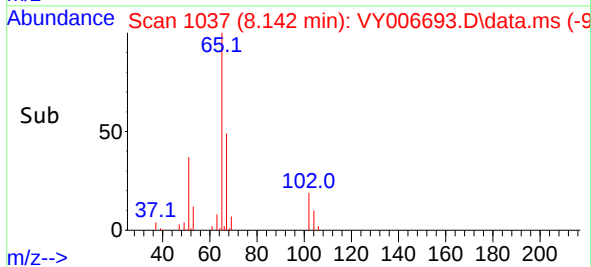
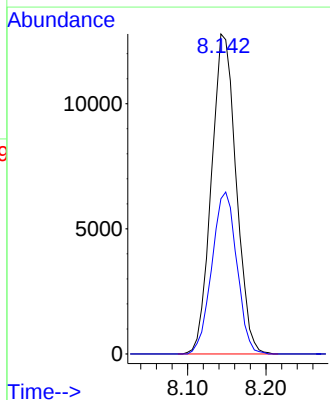
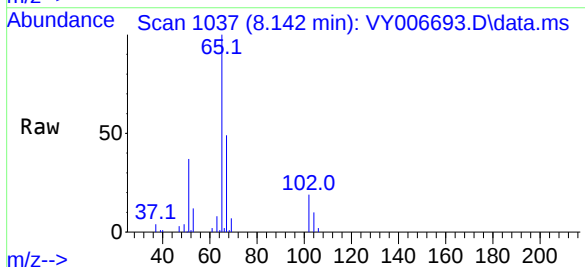


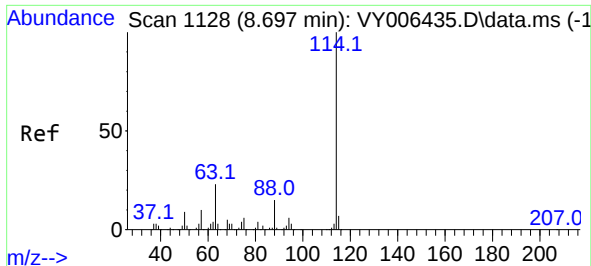
Tgt Ion: 56 Resp: 979
Ion Ratio Lower Upper
56 100
69 137.5 26.6 40.0#
84 72.3 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 66.299 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

Tgt Ion: 65 Resp: 28017
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006693.D

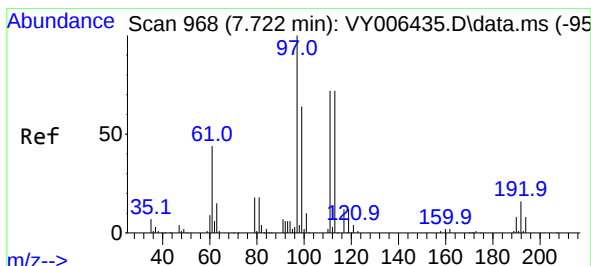
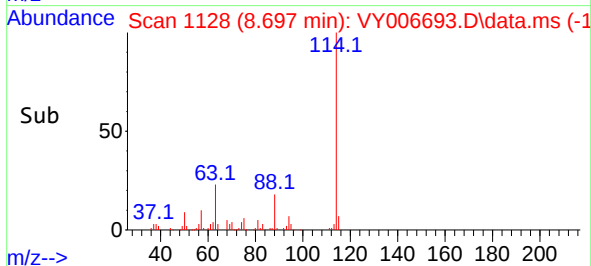
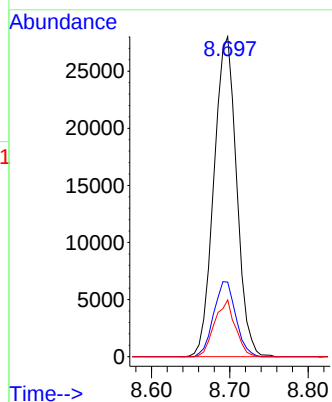
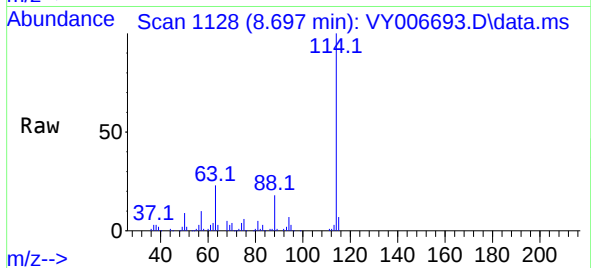
Acq: 08 Nov 2021 20:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	56450
Ion Ratio	Lower	Upper
114	100	
63	23.3	0.0 45.0
88	17.7	0.0 30.6



#35

Dibromofluoromethane

Concen: 58.814 ug/l

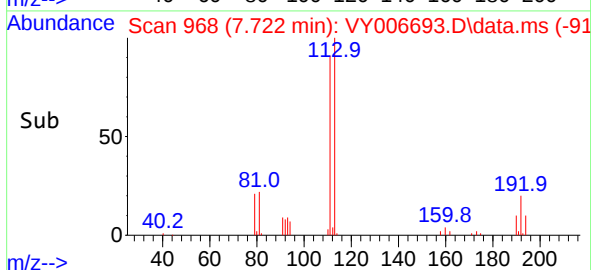
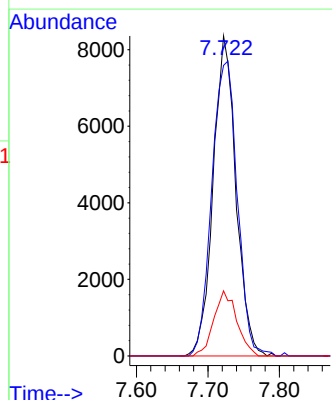
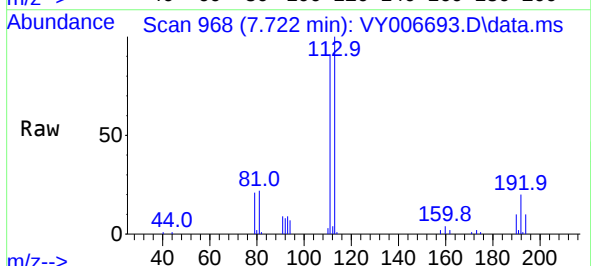
RT: 7.722 min Scan# 968

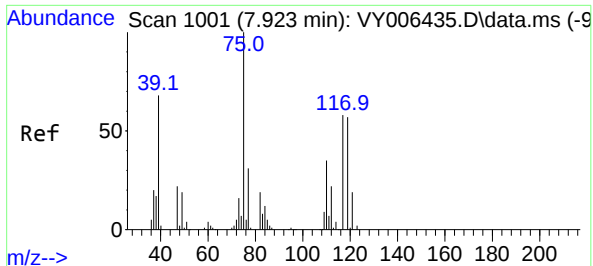
Delta R.T. -0.000 min

Lab File: VY006693.D

Acq: 08 Nov 2021 20:16

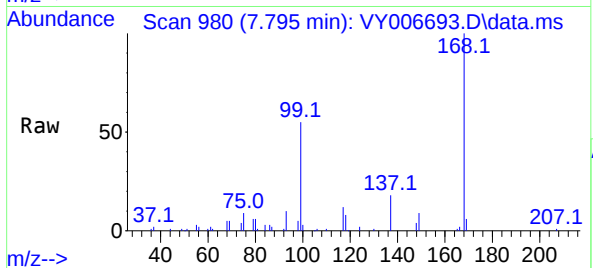
Tgt Ion:113	Resp:	18505
Ion Ratio	Lower	Upper
113	100	
111	103.4	82.3 123.5
192	20.6	17.4 26.2



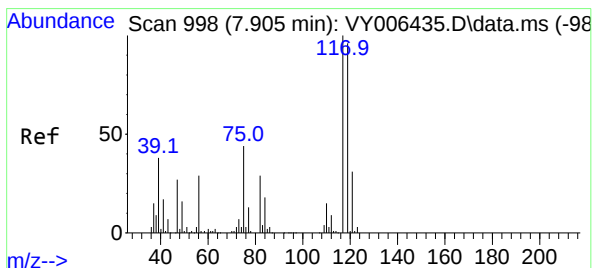
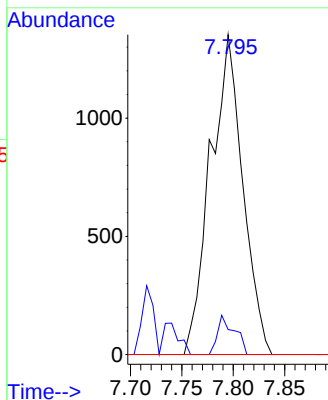
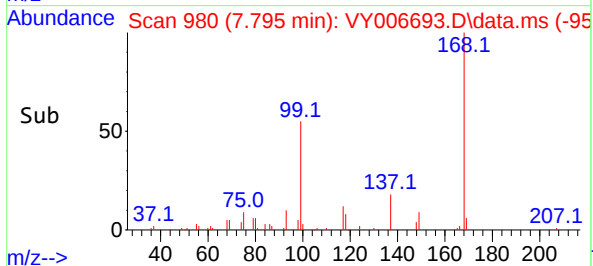


#36
1,1-Dichloropropene
Concen: 5.312 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

Instrument :
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ClientSampleId :

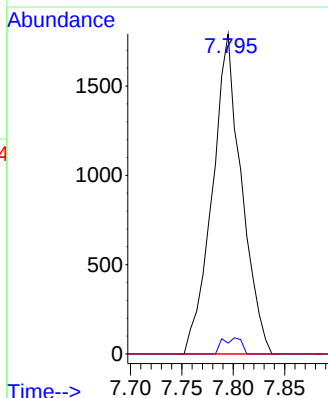
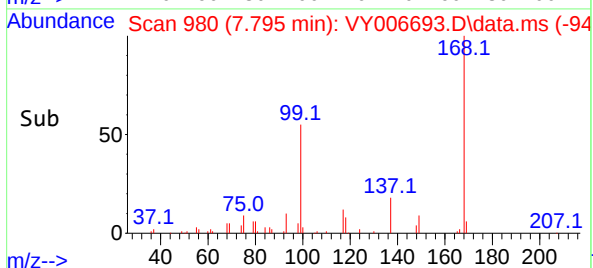
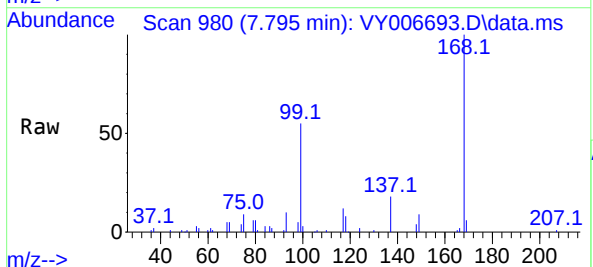


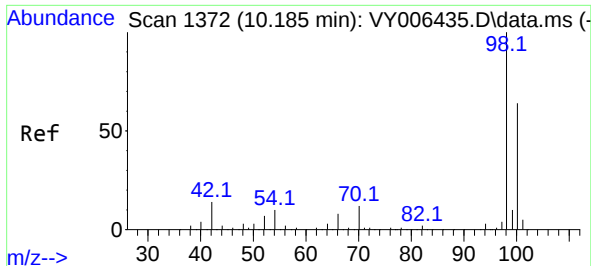
Tgt Ion: 75 Resp: 2963
Ion Ratio Lower Upper
75 100
110 6.4 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.756 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

Tgt Ion: 117 Resp: 3542
Ion Ratio Lower Upper
117 100
119 3.4 76.6 115.0#
121 0.0 24.7 37.1#

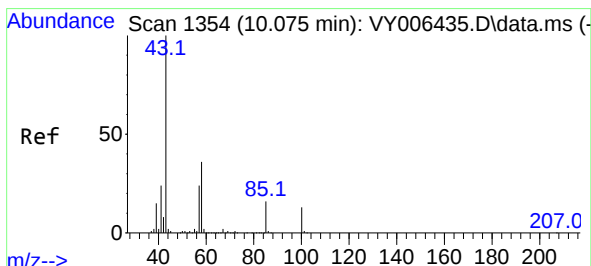
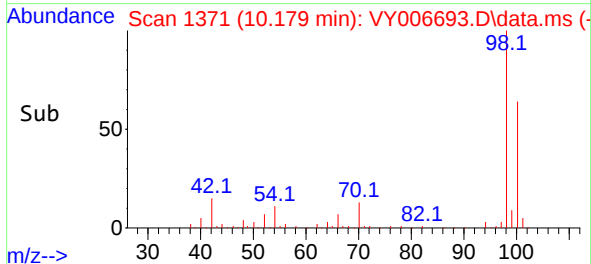
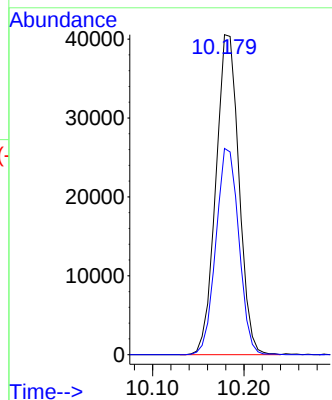
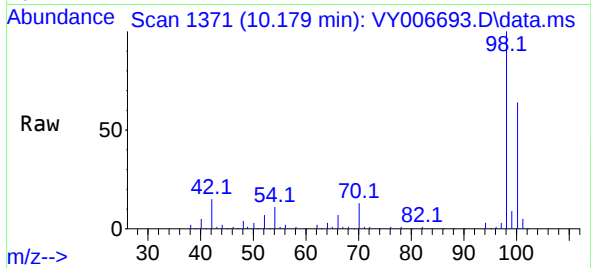




#50
Toluene-d8
Concen: 53.364 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

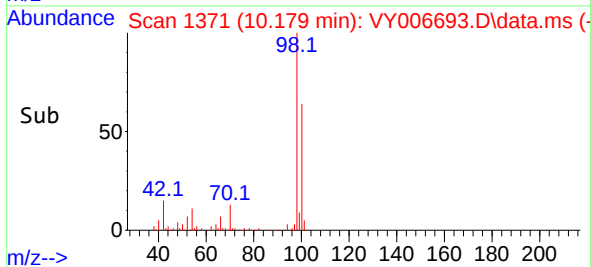
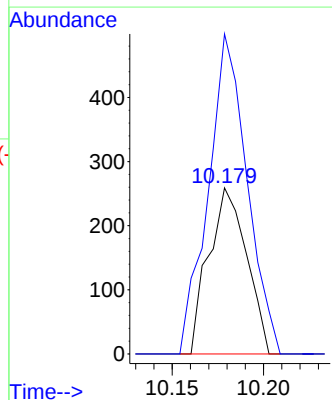
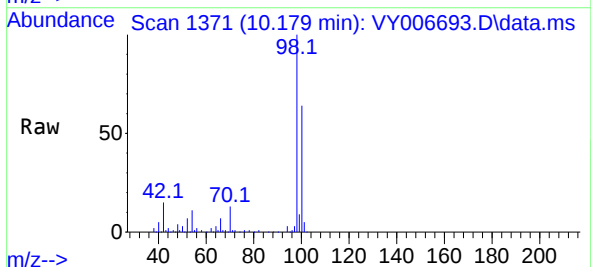
Instrument :
MSVOA_Y
ClientSampleId :

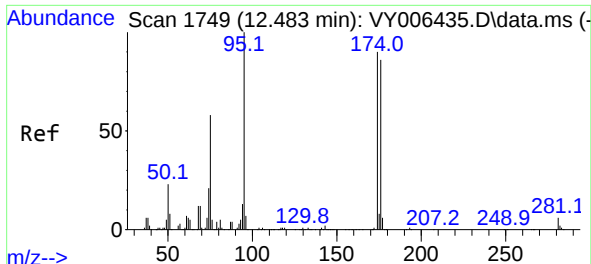
Tgt Ion: 98 Resp: 71177
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.039 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

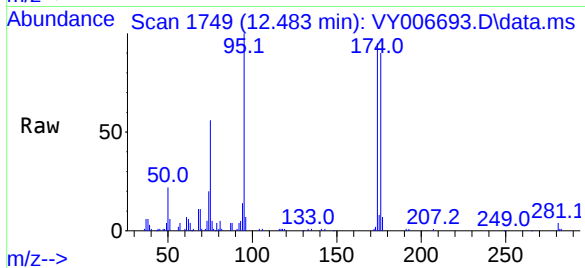
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 197.6 28.7 43.1#



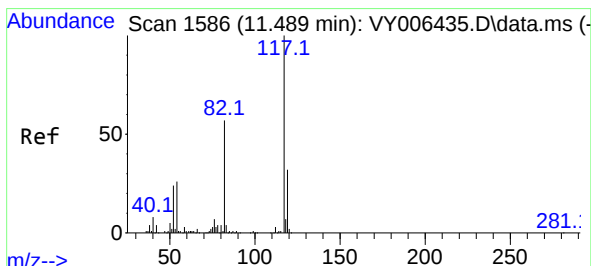
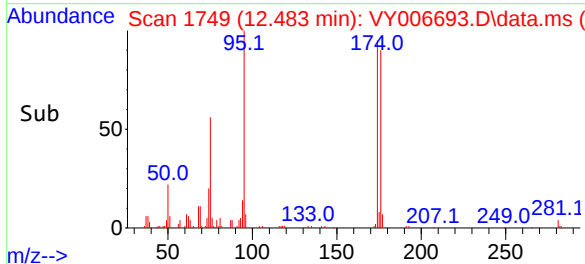
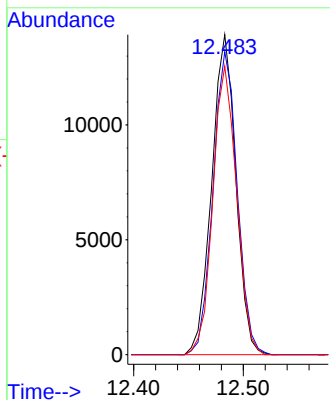


#62
4-Bromofluorobenzene
Concen: 47.438 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :

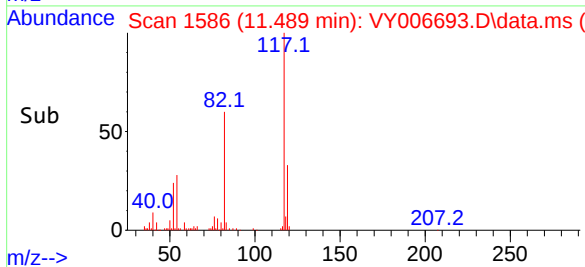
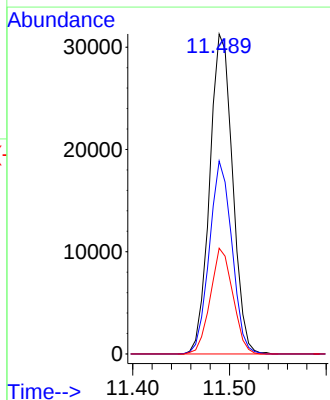
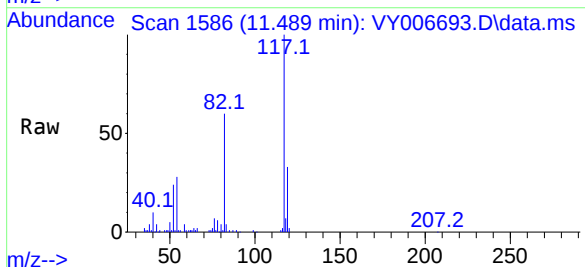


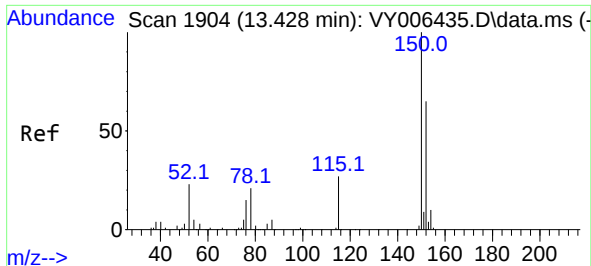
Tgt Ion: 95 Resp: 21314
Ion Ratio Lower Upper
95 100
174 95.3 0.0 177.0
176 88.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

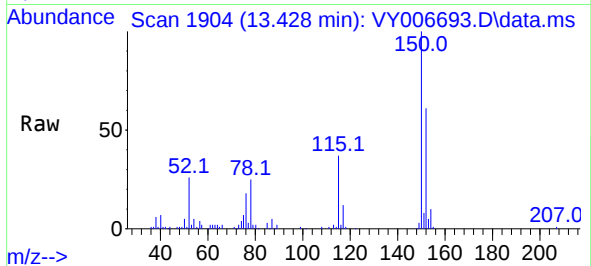
Tgt Ion: 117 Resp: 51462
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 33.0 25.5 38.3



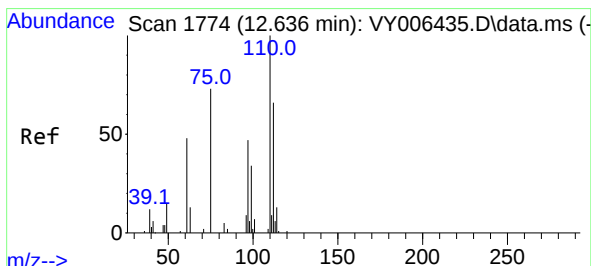
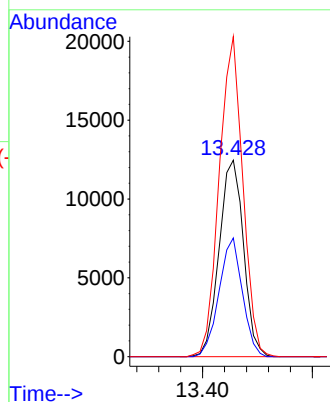
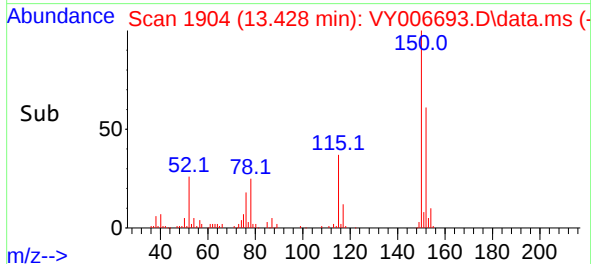


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16

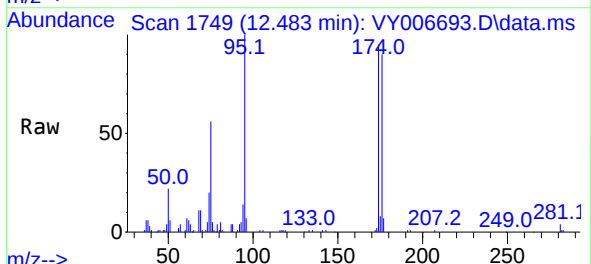
Instrument :
MSVOA_Y
ClientSampleId :



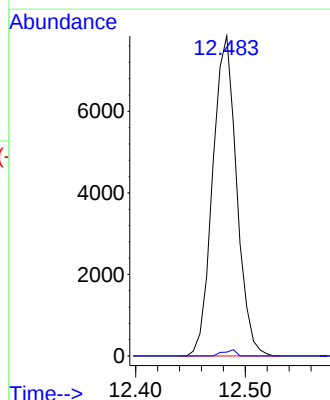
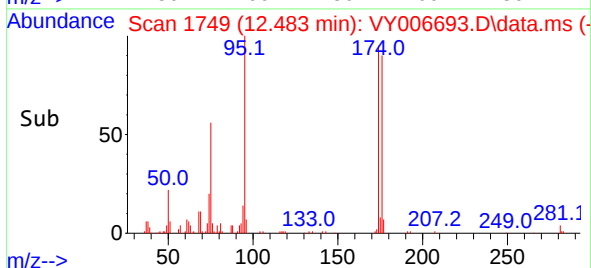
Tgt Ion:152 Resp: 19235
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.5
150 157.5 0.0 348.2

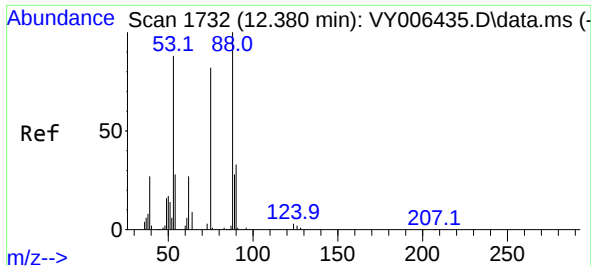


#76
1,2,3-Trichloropropane
Concen: 60.117 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006693.D
Acq: 08 Nov 2021 20:16



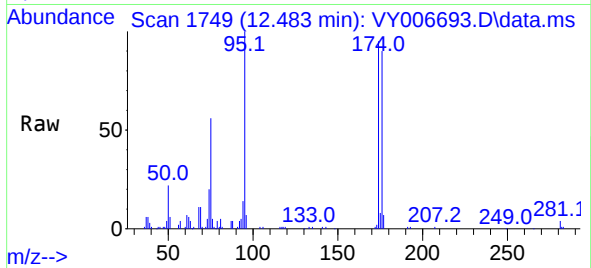
Tgt Ion: 75 Resp: 11916
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.419 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY006693.D
 Acq: 08 Nov 2021 20:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 11916
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.8 128.6#
 89 0.0 39.3 58.9#

