

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006443.D
 Acq On : 22 Oct 2021 16:47
 Operator : SY/MD
 Sample : M4308-01RE
 Misc : 3.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Oct 23 07:22:57 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)

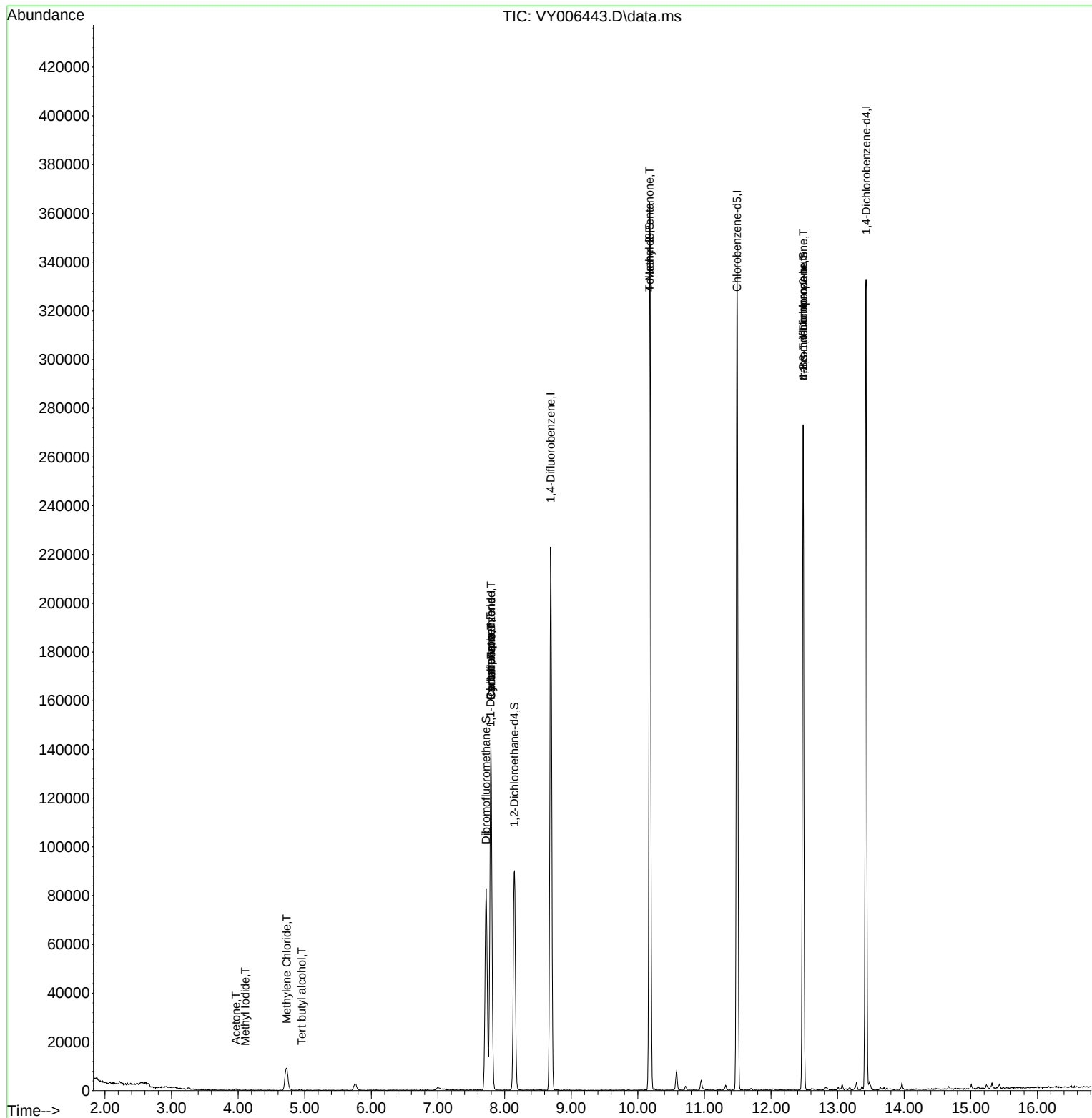
Internal Standards						
1) Pentafluorobenzene	7.795	168	105080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76082	58.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.680%	
35) Dibromofluoromethane	7.722	113	54686	54.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.179	98	228978	54.069	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.140%	
62) 4-Bromofluorobenzene	12.483	95	73307	51.387	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.780%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	155	5.194	ug/l #	36
11) Tert butyl alcohol	4.954	59	178	1.515	ug/l #	72
16) Acetone	3.966	43	833	2.237	ug/l #	73
20) Methylene Chloride	4.728	84	6714	1.936	ug/l	94
31) Cyclohexane	7.795	56	2422	1.157	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	8720	4.924	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10467	5.358	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1153	1.012	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43808	53.093	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43808	108.999	ug/l #	7

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

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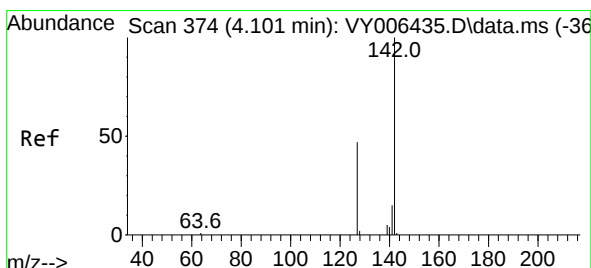
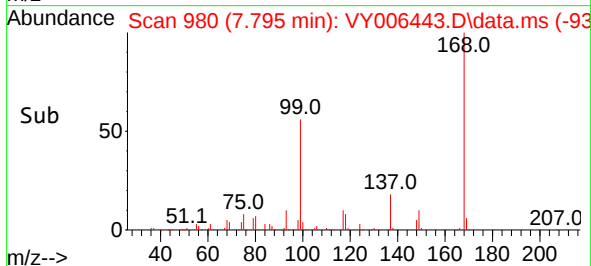
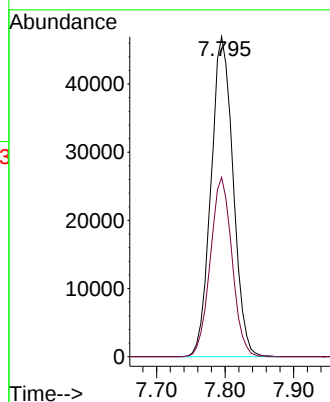
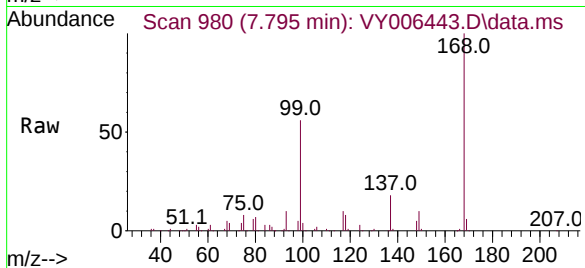




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

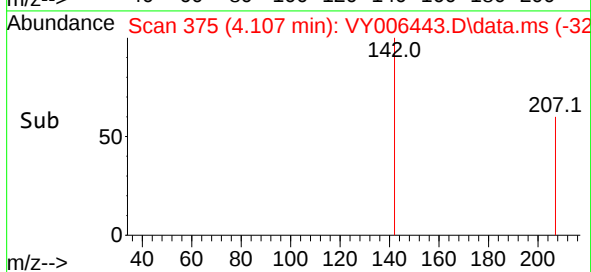
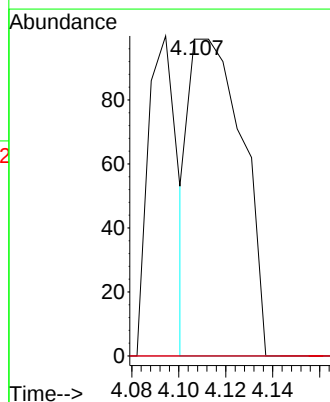
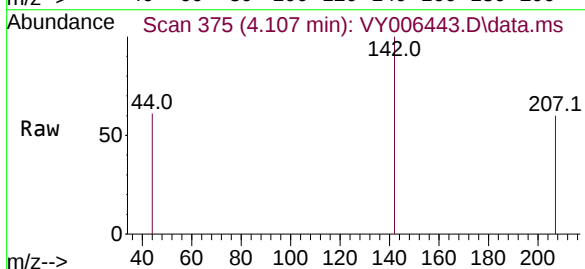
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

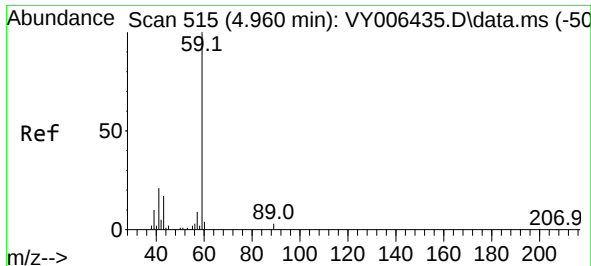
Tgt Ion:168 Resp: 105080
Ion Ratio Lower Upper
168 100
99 56.0 44.8 67.2



#10
Methyl Iodide
Concen: 5.194 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

Tgt Ion:142 Resp: 155
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 1.515 ug/l

RT: 4.954 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY006443.D

Acq: 22 Oct 2021 16:47

Instrument :

MSVOA_Y

ClientSampleId :

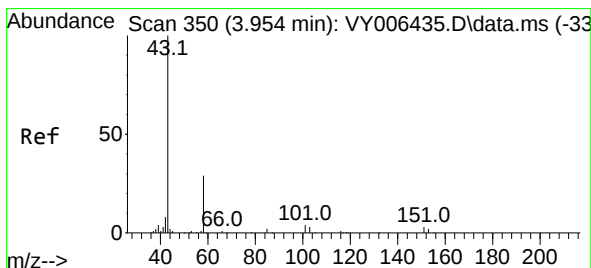
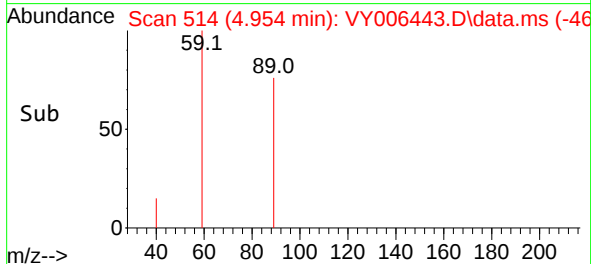
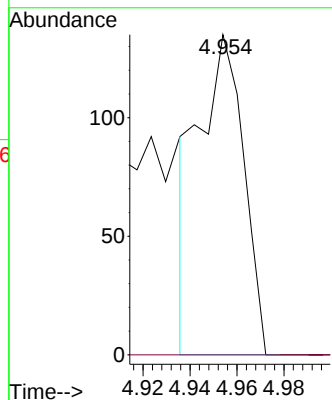
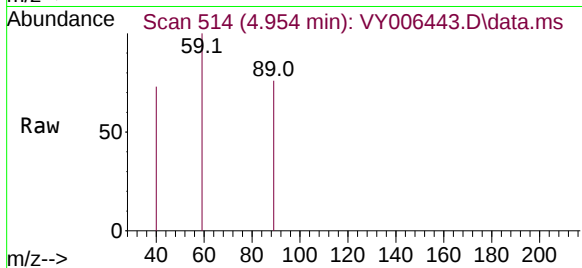
COMP-1

Tgt Ion: 59 Resp: 178

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 2.237 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY006443.D

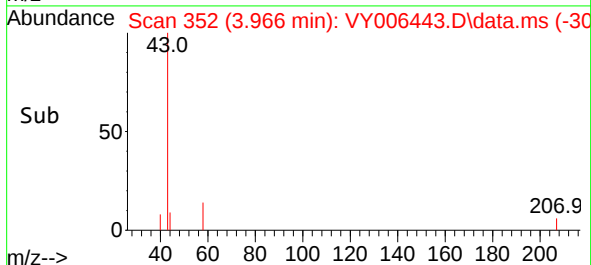
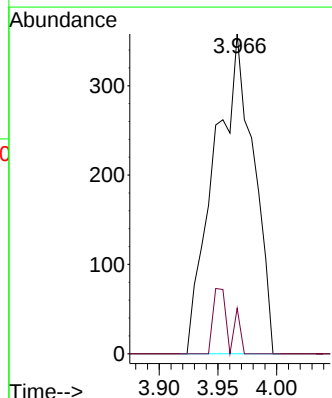
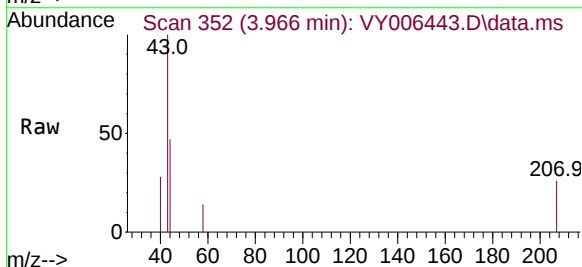
Acq: 22 Oct 2021 16:47

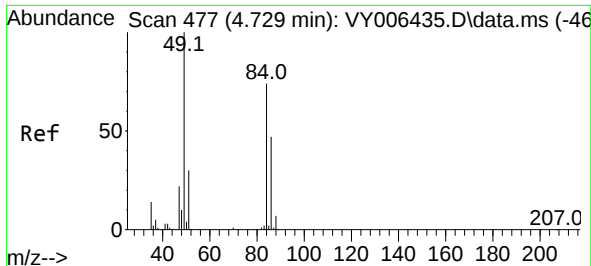
Tgt Ion: 43 Resp: 833

Ion Ratio Lower Upper

43 100

58 14.2 22.9 34.3#



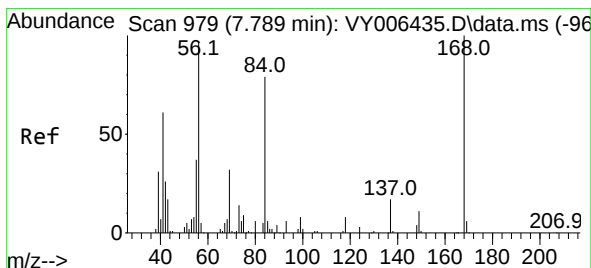
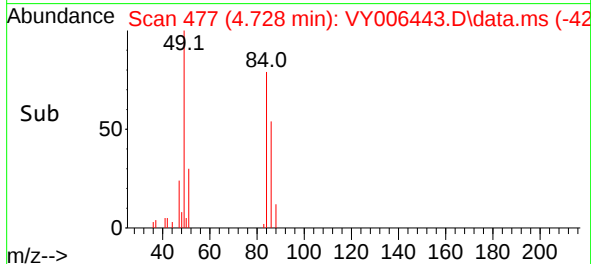
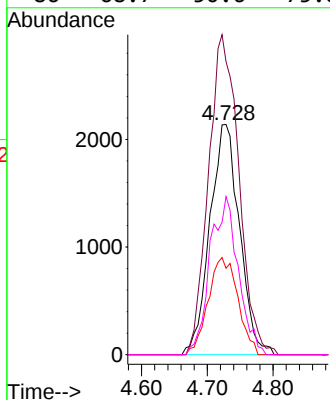
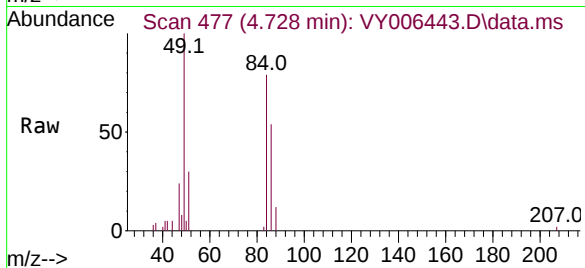


#20
Methylene Chloride
Concen: 1.936 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 84 Resp: 6714

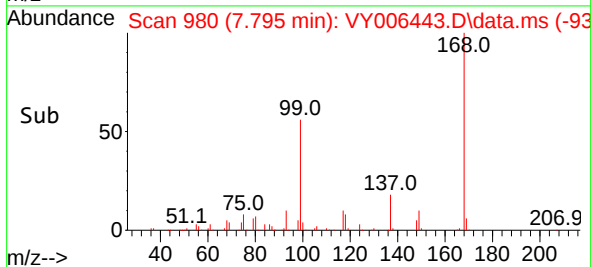
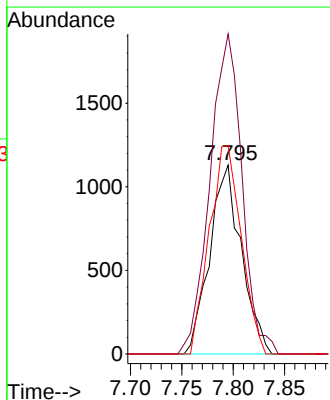
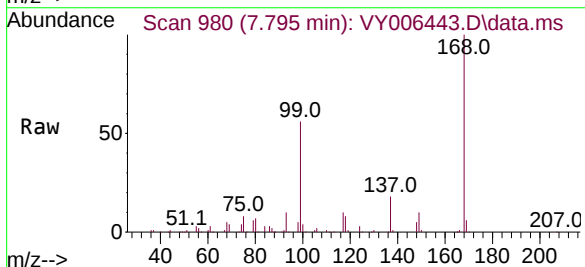
Ion	Ratio	Lower	Upper
84	100		
49	127.3	107.8	161.8
51	37.5	32.8	49.2
86	68.7	50.6	75.8

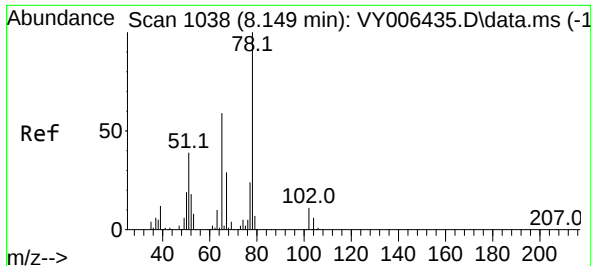


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

Tgt Ion: 56 Resp: 2422

Ion	Ratio	Lower	Upper
56	100		
69	169.5	26.6	40.0#
84	110.5	65.0	97.4#

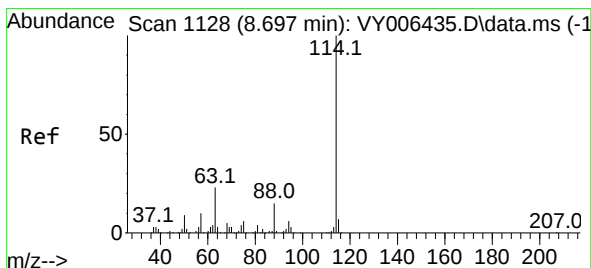
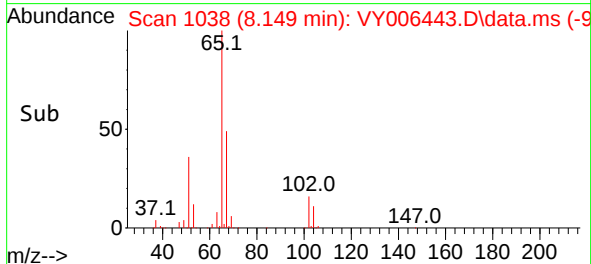
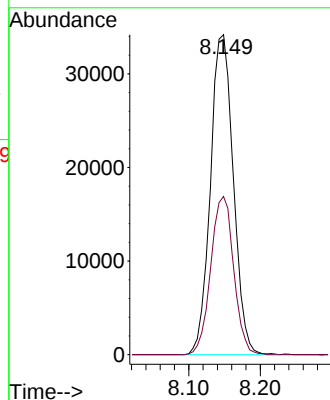
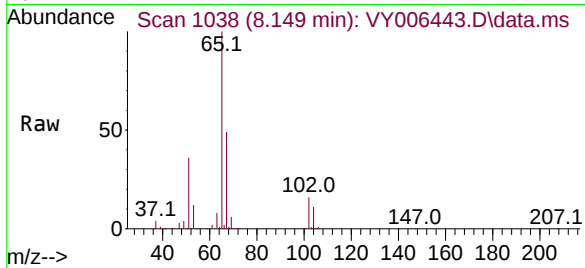




#33
 1,2-Dichloroethane-d4
 Concen: 58.838 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006443.D
 Acq: 22 Oct 2021 16:47

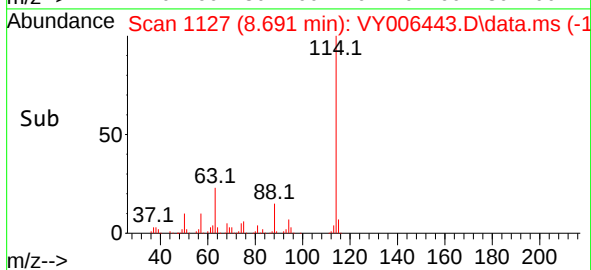
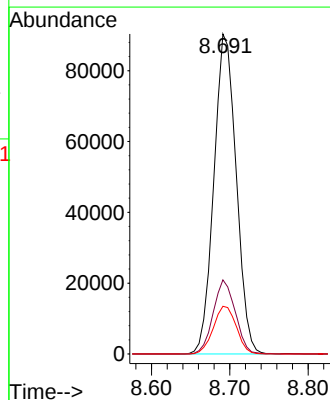
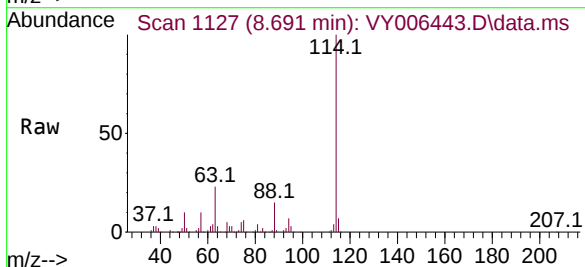
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

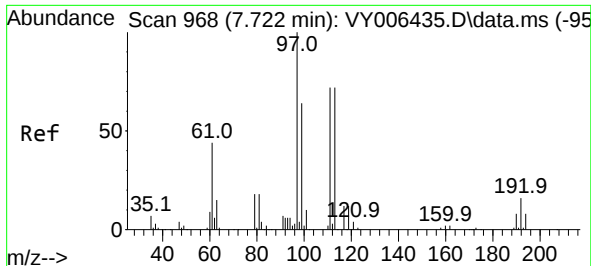
Tgt Ion: 65 Resp: 76082
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY006443.D
 Acq: 22 Oct 2021 16:47

Tgt Ion: 114 Resp: 179235
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 14.9 0.0 30.6

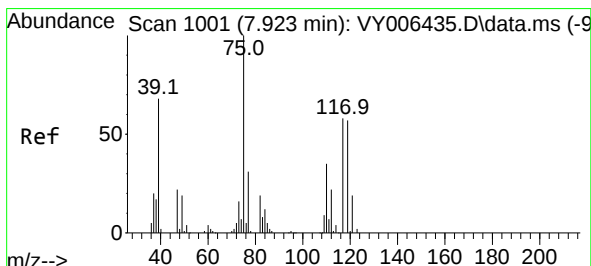
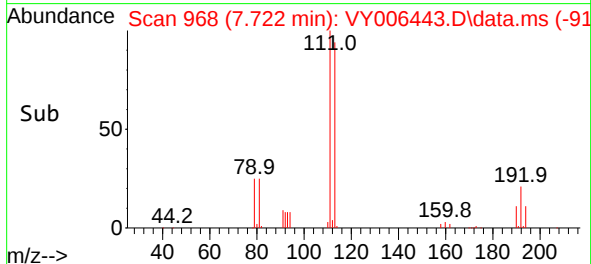
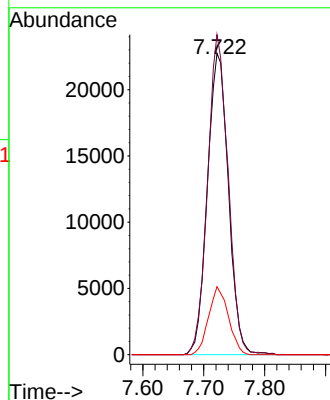
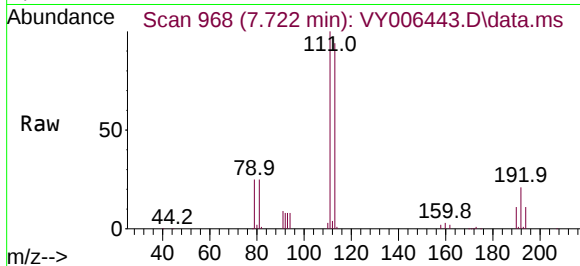




#35
Dibromofluoromethane
Concen: 54.741 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

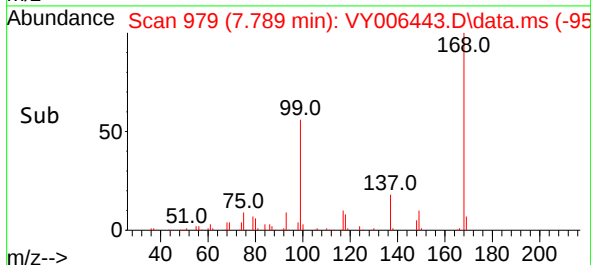
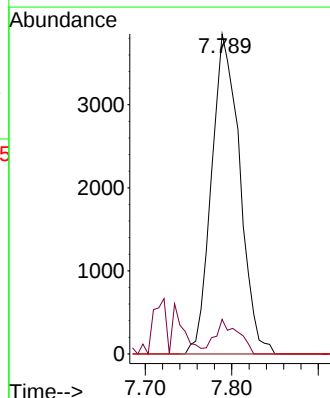
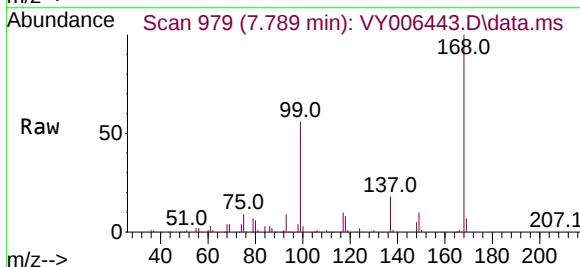
Instrument :
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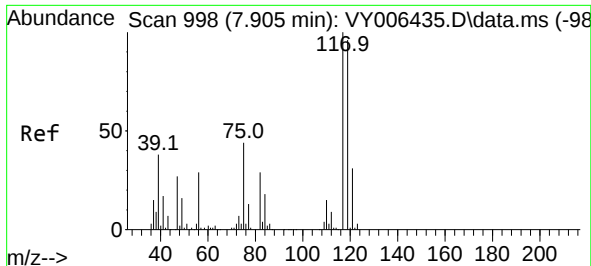
Tgt Ion:113 Resp: 54686
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 21.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

Tgt Ion: 75 Resp: 8720
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.3#
77 0.0 24.9 37.3#

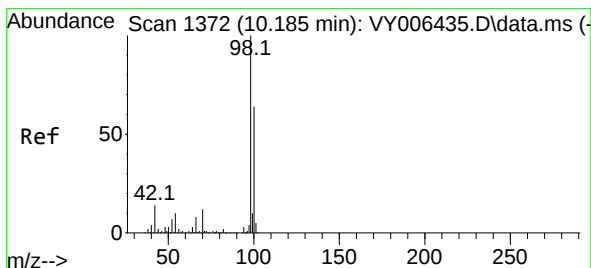
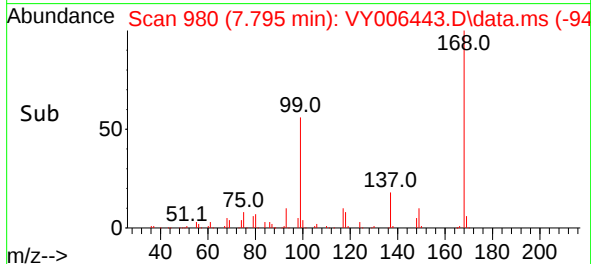
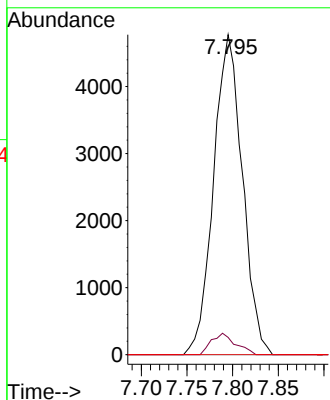
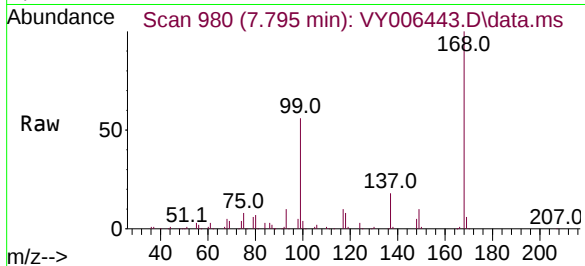




#38
Carbon Tetrachloride
Concen: 5.358 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

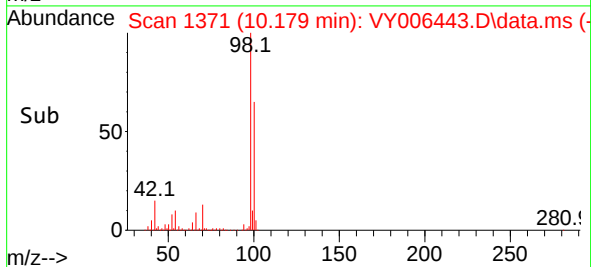
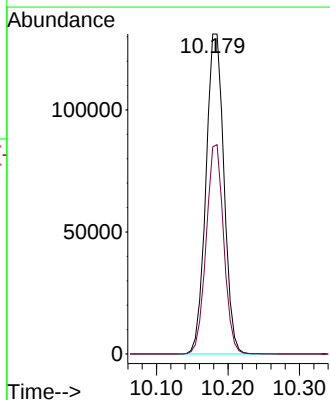
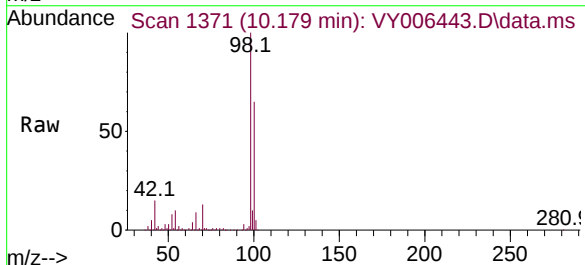
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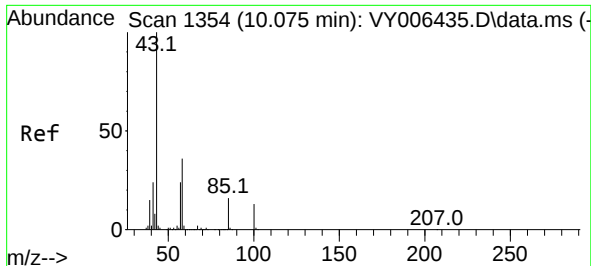
Tgt Ion:117 Resp: 10467
Ion Ratio Lower Upper
117 100
119 5.4 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.069 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

Tgt Ion: 98 Resp: 228978
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

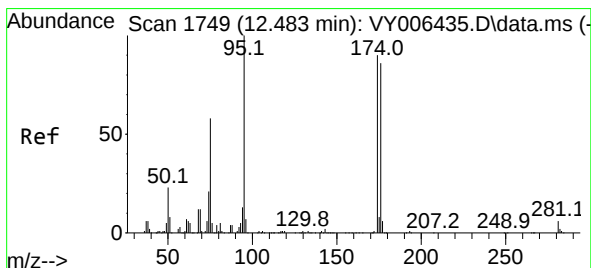
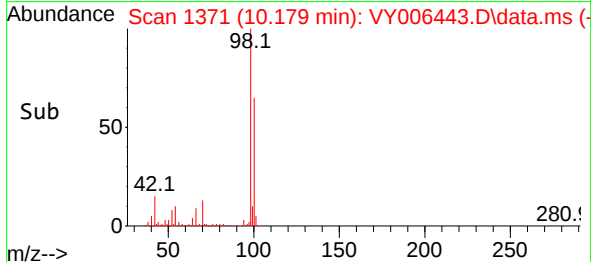
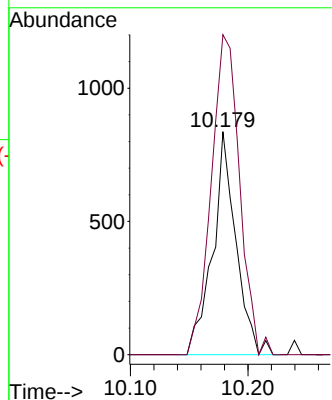
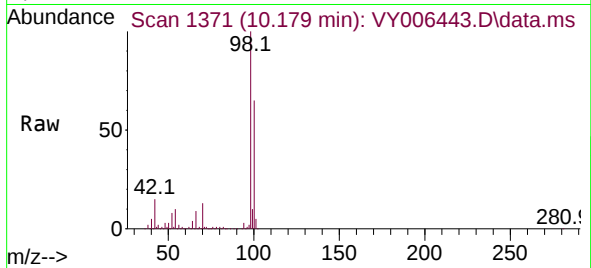




#51
4-Methyl-2-Pentanone
Concen: 1.012 ug/l
RT: 10.179 min Scan# 1153
Delta R.T. 0.104 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

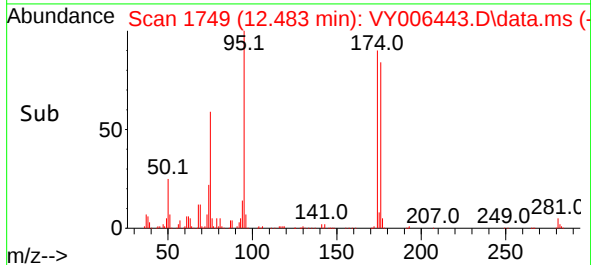
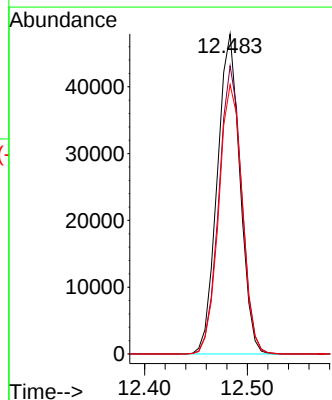
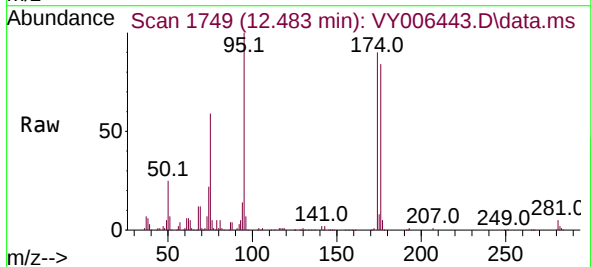
Instrument :
MSVOA_Y
ClientSampleId :
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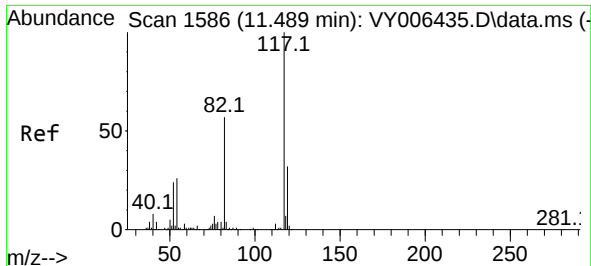
Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 174.8 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 51.387 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

Tgt Ion: 95 Resp: 73307
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.1 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006443.D

Acq: 22 Oct 2021 16:47

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

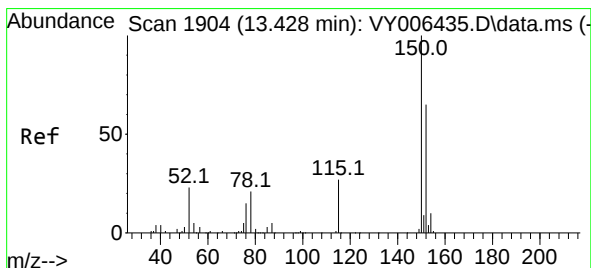
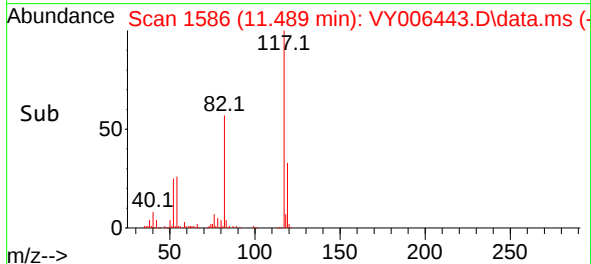
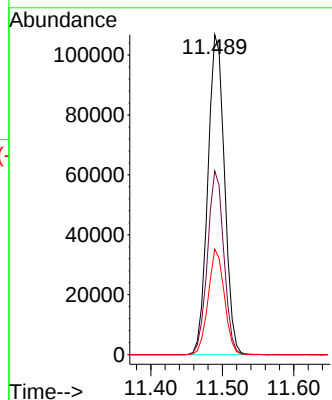
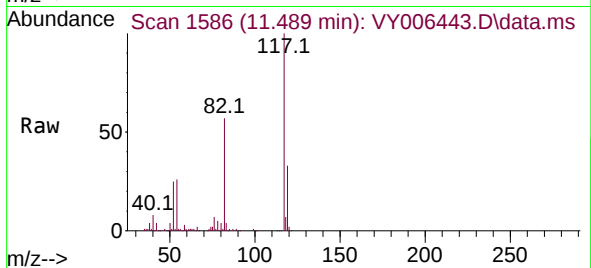
Tgt Ion:117 Resp: 172762

Ion Ratio Lower Upper

117 100

82 57.5 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: VY006443.D

Acq: 22 Oct 2021 16:47

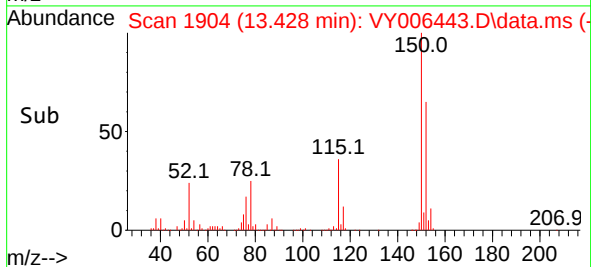
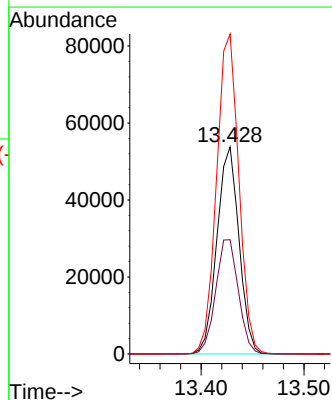
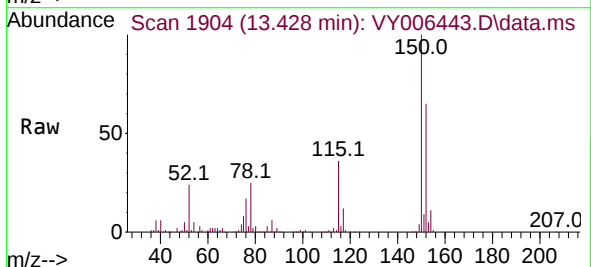
Tgt Ion:152 Resp: 80071

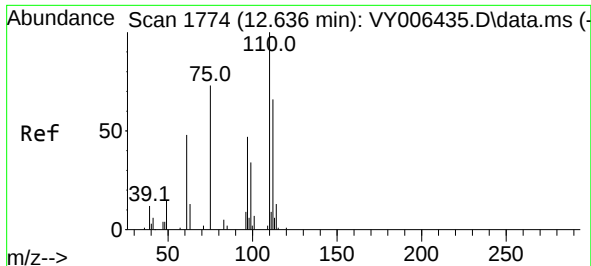
Ion Ratio Lower Upper

152 100

115 56.9 28.5 85.5

150 156.0 0.0 348.2

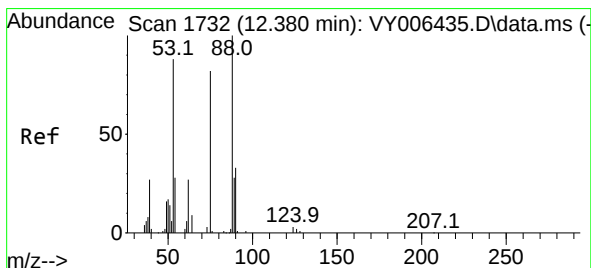
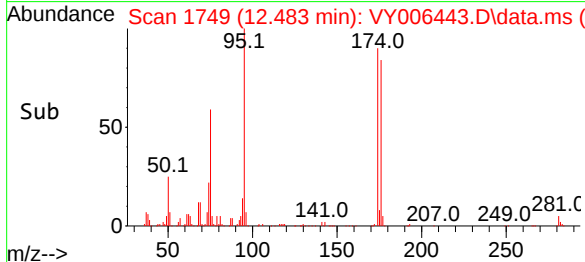
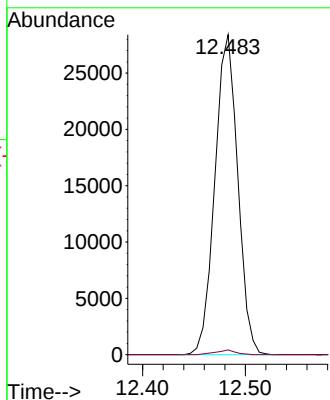
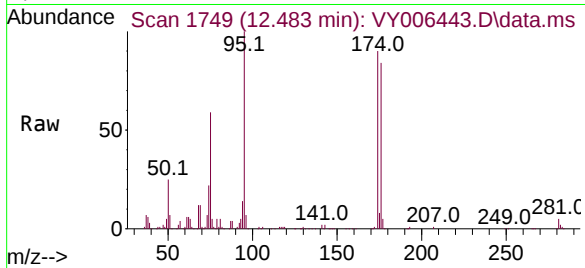




#76
1,2,3-Trichloropropane
Concen: 53.093 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 75 Resp: 43808
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006443.D
Acq: 22 Oct 2021 16:47

Tgt Ion: 75 Resp: 43808
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

