

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006653.D
 Acq On : 05 Nov 2021 13:40
 Operator : SY/MD
 Sample : M4498-04
 Misc : 5.03G/10ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:38:16 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)

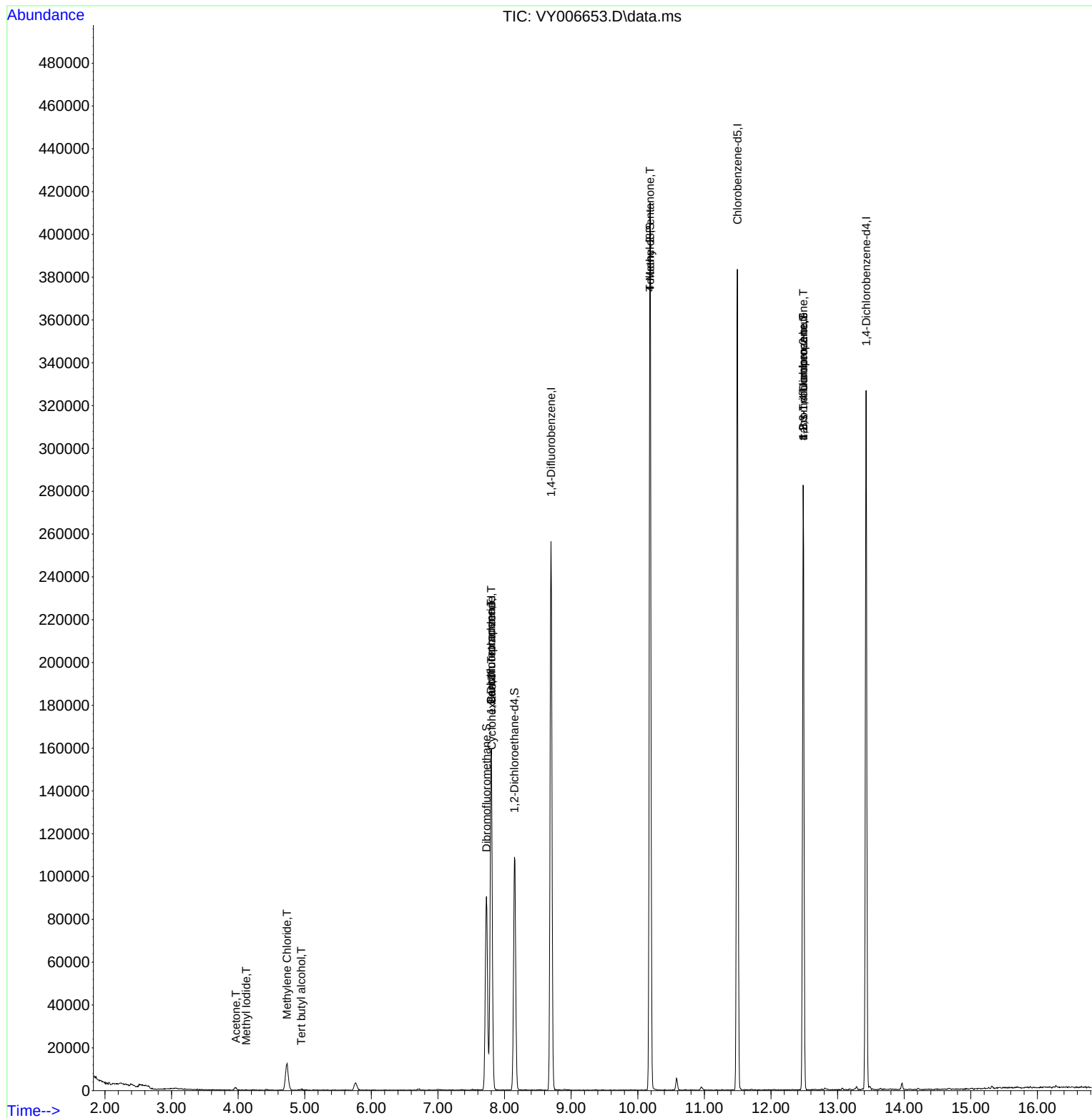
Internal Standards						
1) Pentafluorobenzene	7.801	168	119388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	185204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87188	59.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.700%	
35) Dibromofluoromethane	7.728	113	62004	55.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.500%	
50) Toluene-d8	10.185	98	256382	53.893	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.780%	
62) 4-Bromofluorobenzene	12.483	95	78994	49.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.580%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.119	142	127	5.157	ug/l #	72
11) Tert butyl alcohol	4.948	59	509	3.814	ug/l #	72
16) Acetone	3.967	43	2099	4.962	ug/l	90
20) Methylene Chloride	4.735	84	7922	2.180	ug/l	94
31) Cyclohexane	7.807	56	2898	1.218	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	10346	5.201	ug/l #	49
38) Carbon Tetrachloride	7.801	117	11899	5.422	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1307	1.021	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	45515	58.869	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45515	120.856	ug/l #	7

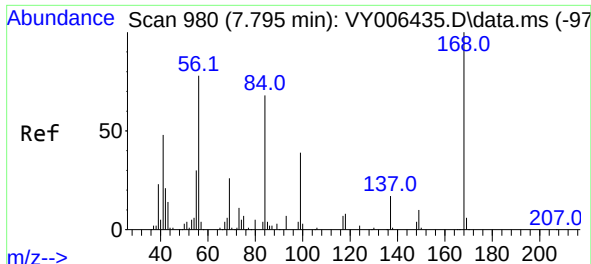
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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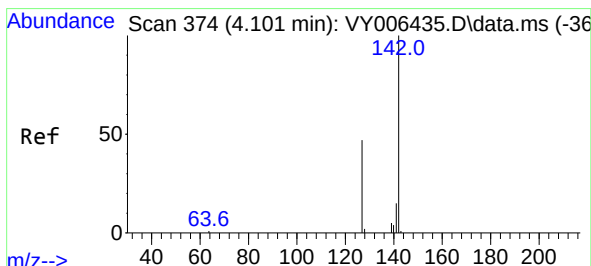
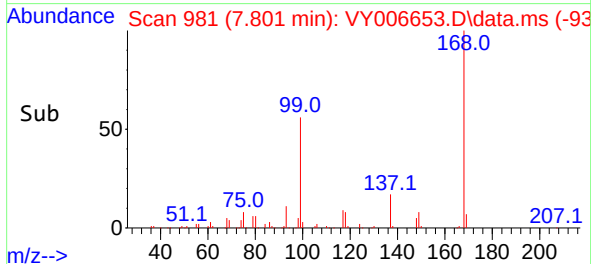
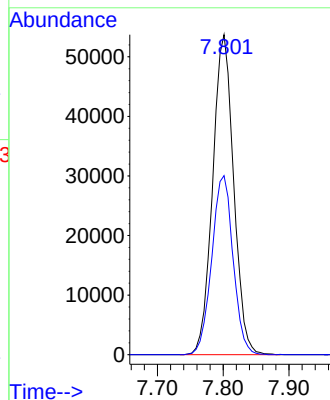
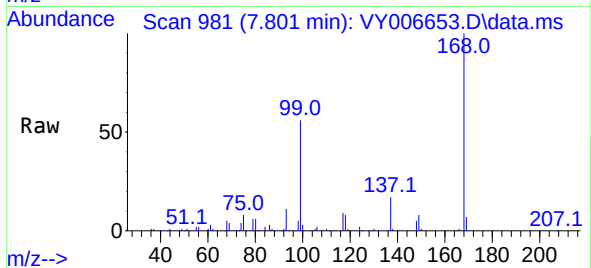




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

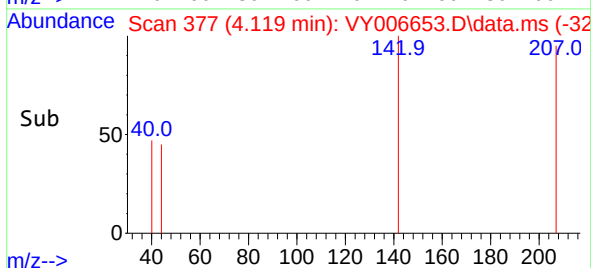
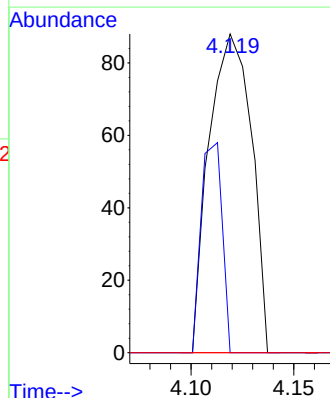
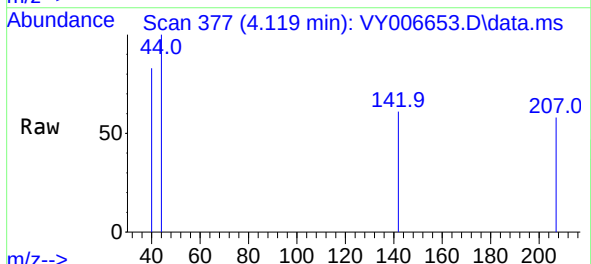
Instrument :
MSVOA_Y
ClientSampleId :

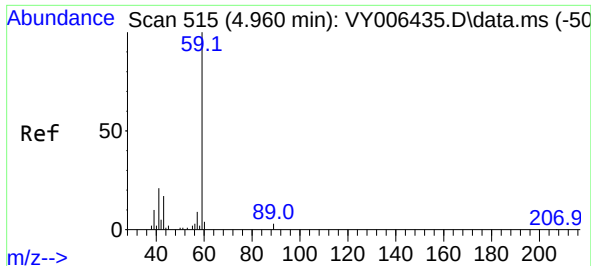
Tgt Ion:168 Resp: 119388
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.157 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

Tgt Ion:142 Resp: 127
Ion Ratio Lower Upper
142 100
127 32.3 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 3.814 ug/l

RT: 4.948 min Scan# 51

Delta R.T. -0.012 min

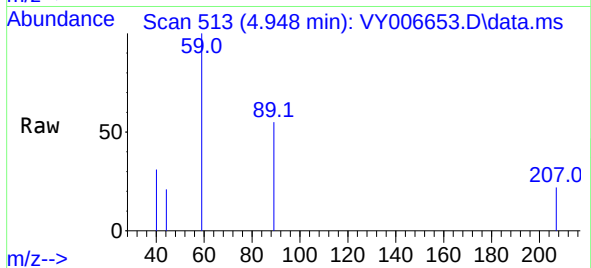
Lab File: VY006653.D

Acq: 05 Nov 2021 13:40

Instrument :

MSVOA_Y

ClientSampleId :

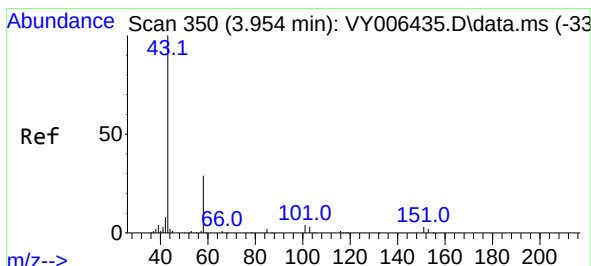
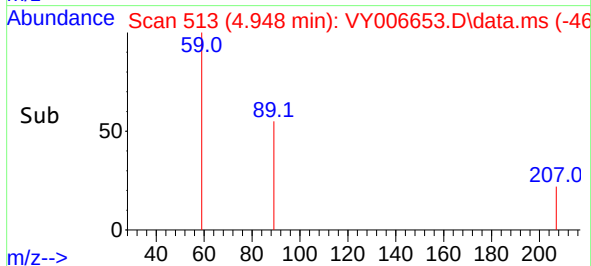
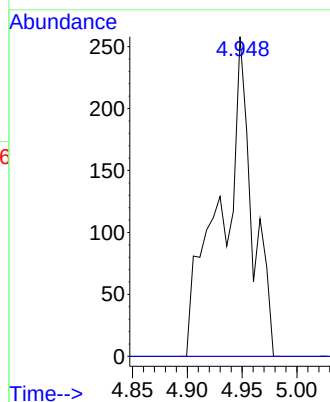


Tgt Ion: 59 Resp: 509

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 4.962 ug/l

RT: 3.967 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY006653.D

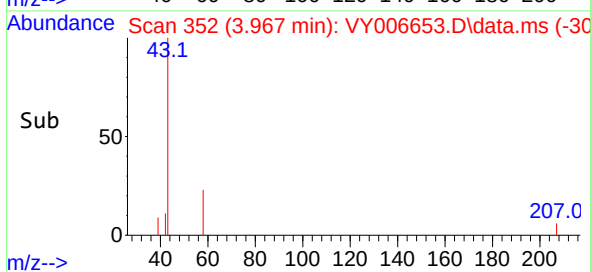
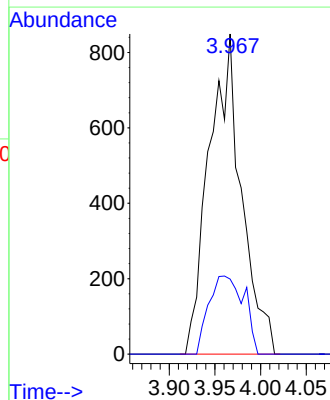
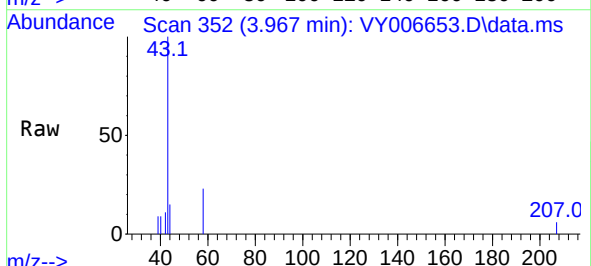
Acq: 05 Nov 2021 13:40

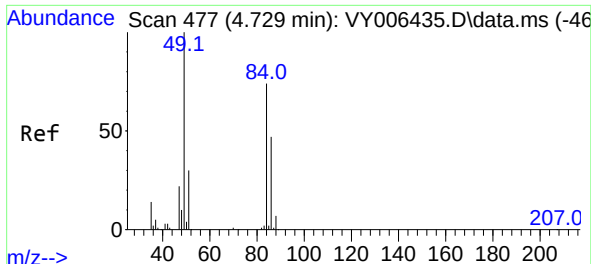
Tgt Ion: 43 Resp: 2099

Ion Ratio Lower Upper

43 100

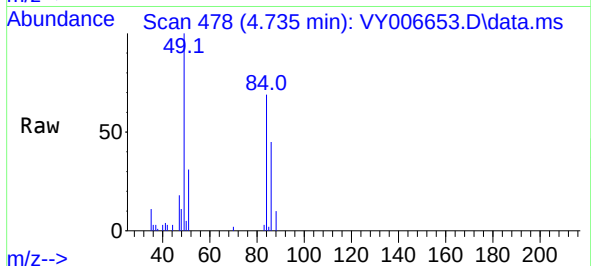
58 23.4 22.9 34.3





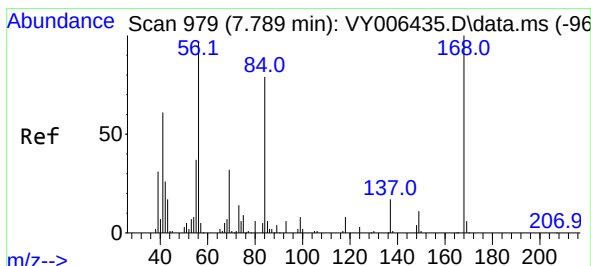
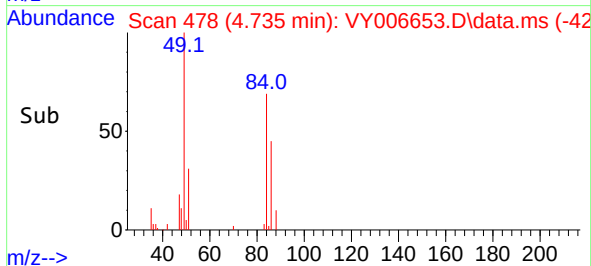
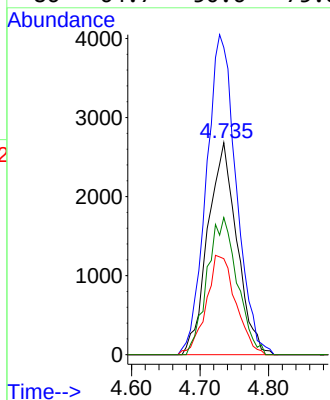
#20
Methylene Chloride
Concen: 2.180 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7922

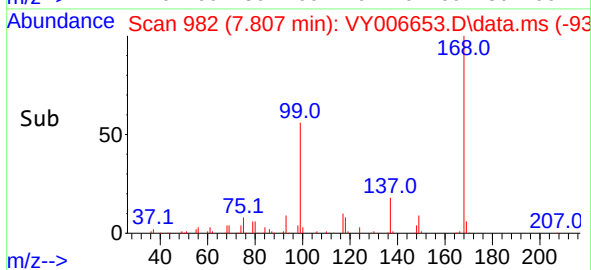
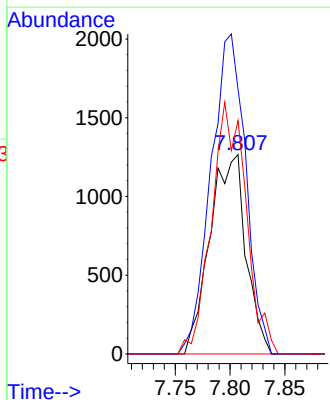
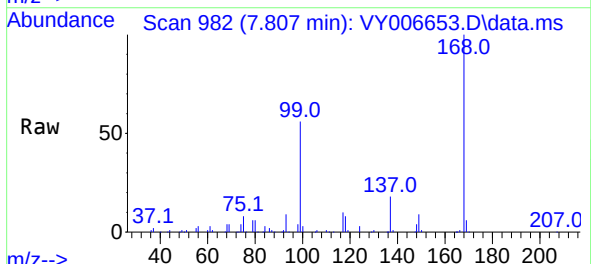
Ion	Ratio	Lower	Upper
84	100		
49	144.9	107.8	161.8
51	45.3	32.8	49.2
86	64.7	50.6	75.8

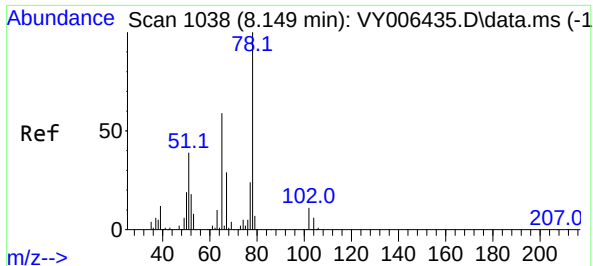


#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.018 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

Tgt Ion: 56 Resp: 2898

Ion	Ratio	Lower	Upper
56	100		
69	132.6	26.6	40.0#
84	117.0	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 59.346 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006653.D

Acq: 05 Nov 2021 13:40

Instrument :

MSVOA_Y

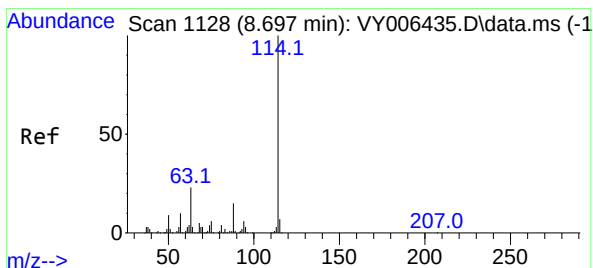
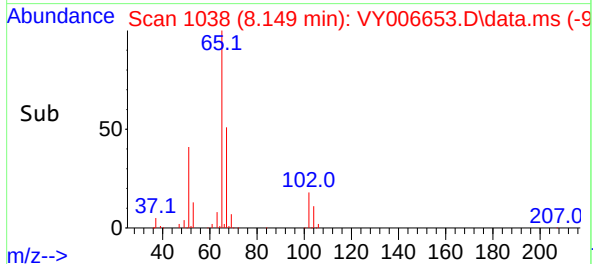
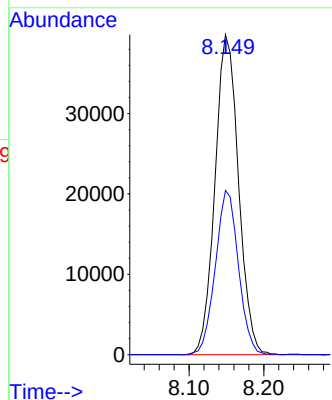
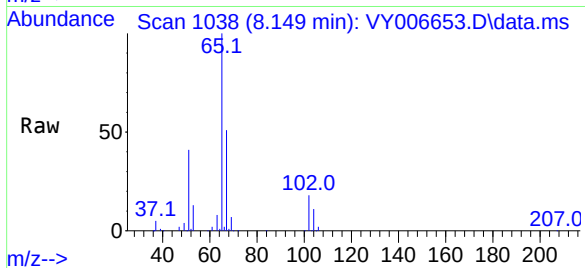
ClientSampleId :

Tgt Ion: 65 Resp: 87188

Ion Ratio Lower Upper

65 100

67 50.4 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: VY006653.D

Acq: 05 Nov 2021 13:40

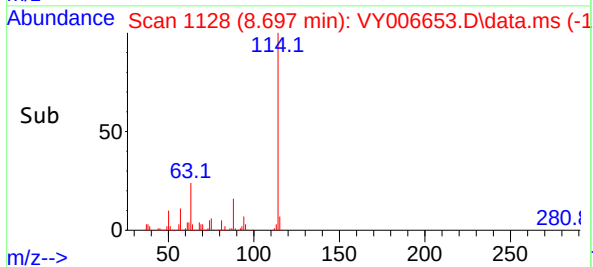
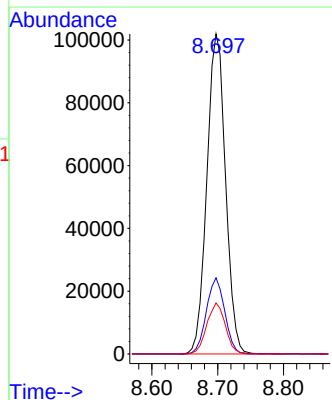
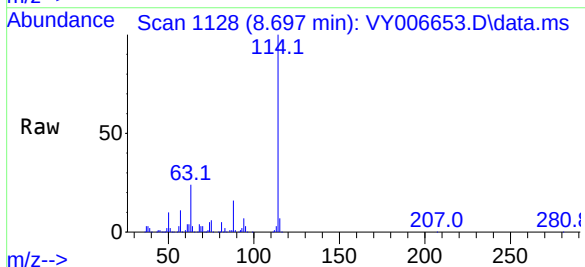
Tgt Ion: 114 Resp: 201342

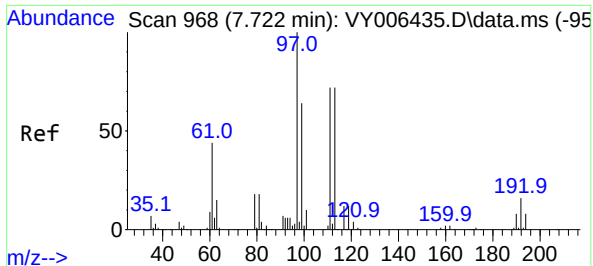
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 16.0 0.0 30.6

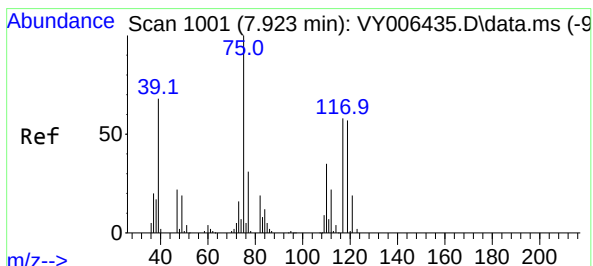
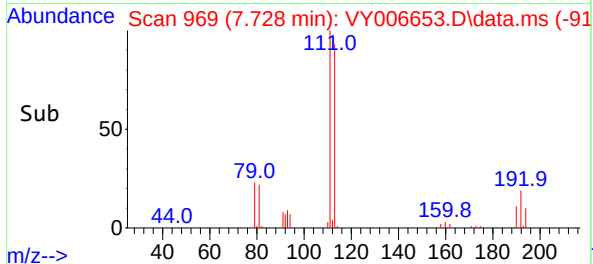
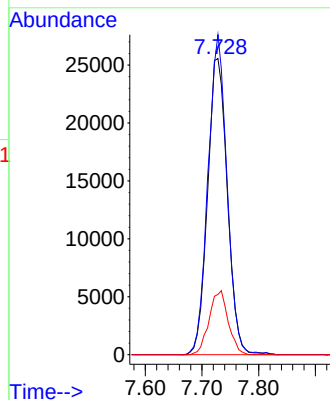
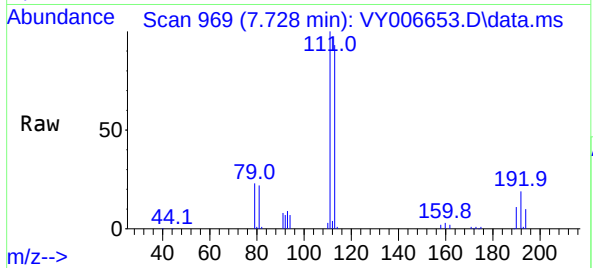




#35
Dibromofluoromethane
Concen: 55.251 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

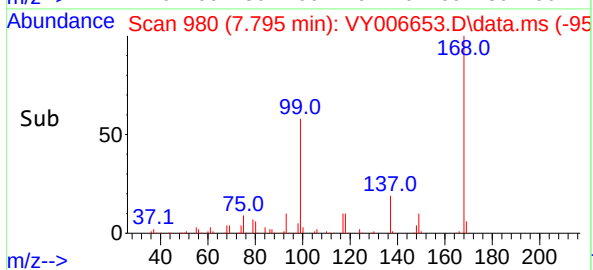
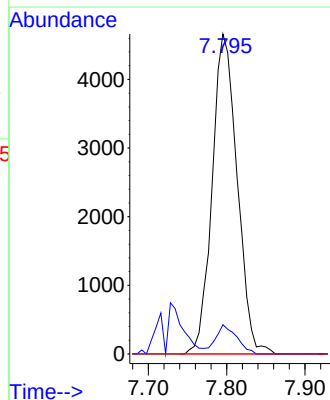
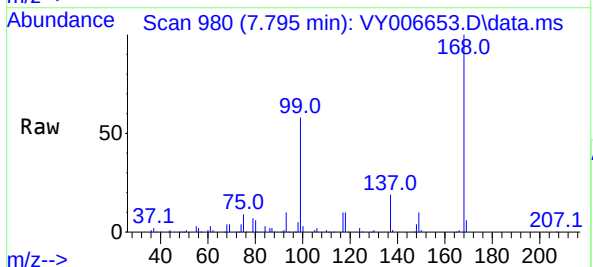
Instrument :
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ClientSampleId :

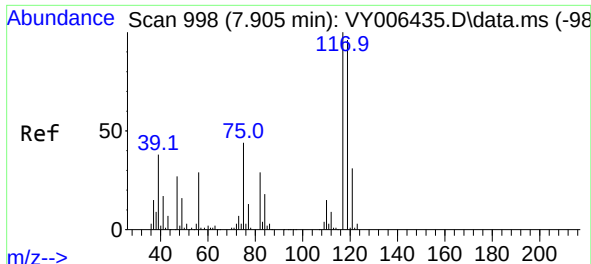
Tgt Ion:113 Resp: 62004
Ion Ratio Lower Upper
113 100
111 103.7 82.3 123.5
192 20.9 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.201 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

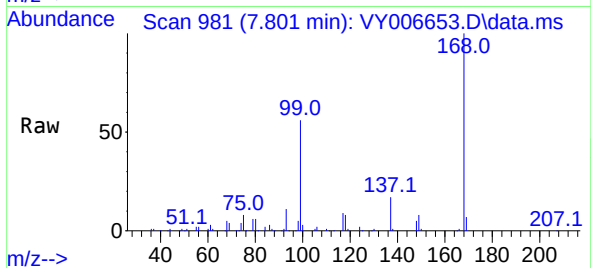
Tgt Ion: 75 Resp: 10346
Ion Ratio Lower Upper
75 100
110 7.7 17.1 51.3#
77 0.0 24.9 37.3#



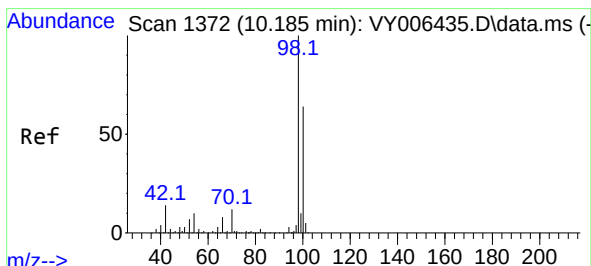
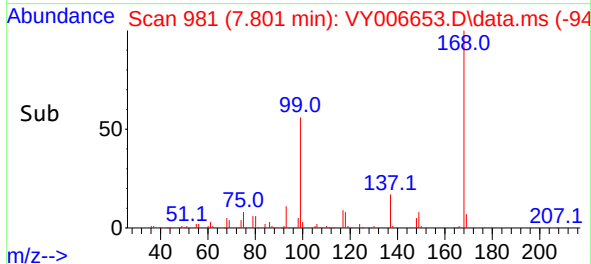
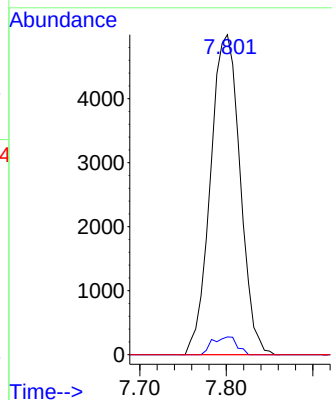


#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

Instrument :
MSVOA_Y
ClientSampleId :

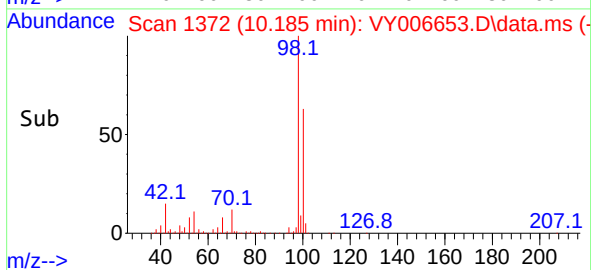
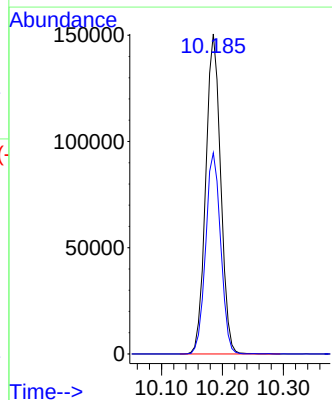
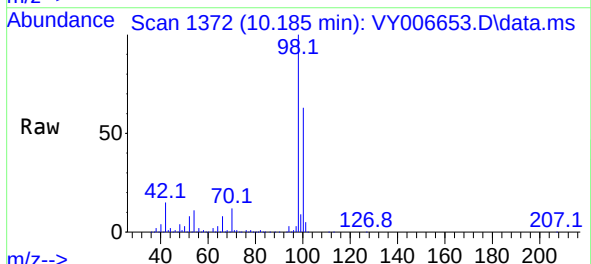


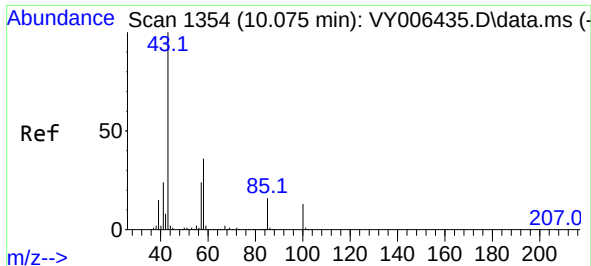
Tgt Ion:117 Resp: 11899
Ion Ratio Lower Upper
117 100
119 5.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.893 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

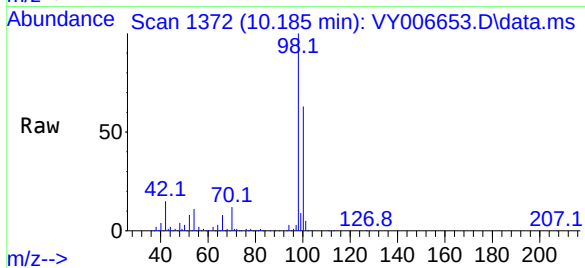
Tgt Ion: 98 Resp: 256382
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



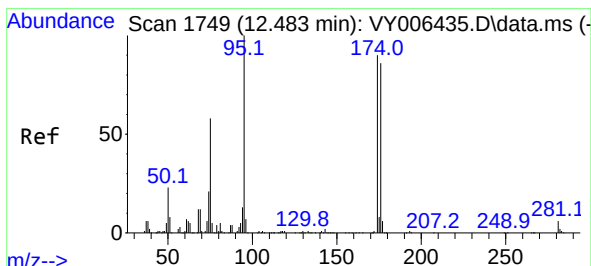
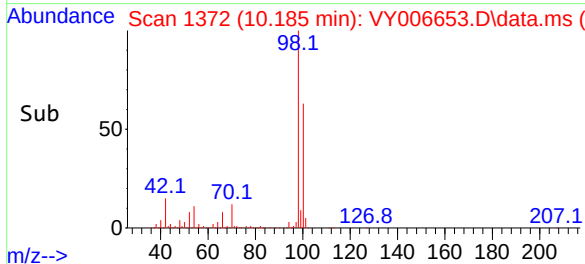
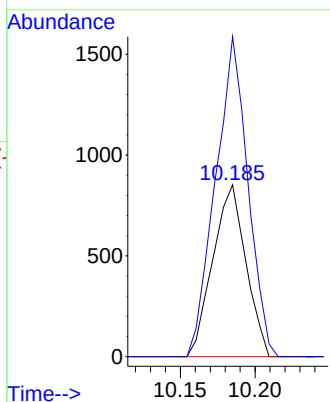


#51
4-Methyl-2-Pentanone
Concen: 1.021 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

Instrument :
MSVOA_Y
ClientSampleId :

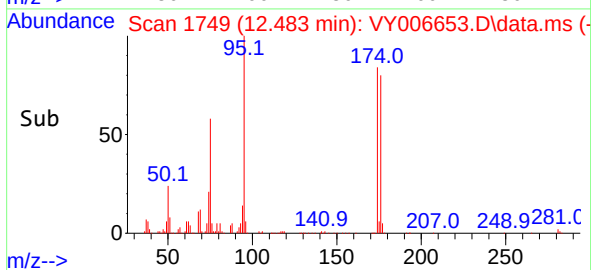
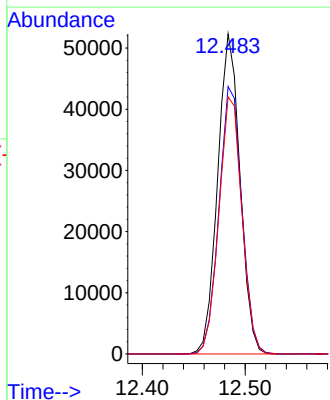
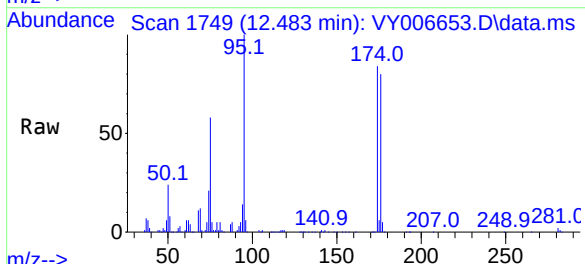


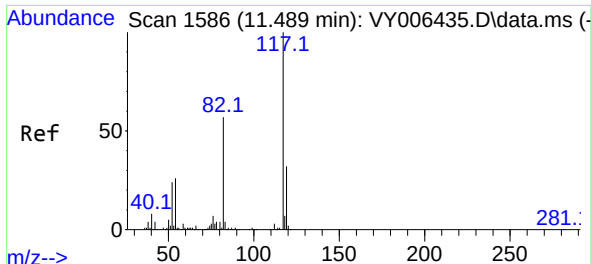
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 182.7 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 49.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

Tgt Ion: 95 Resp: 78994
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.5 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY006653.D

Acq: 05 Nov 2021 13:40

Instrument :

MSVOA_Y

ClientSampleId :

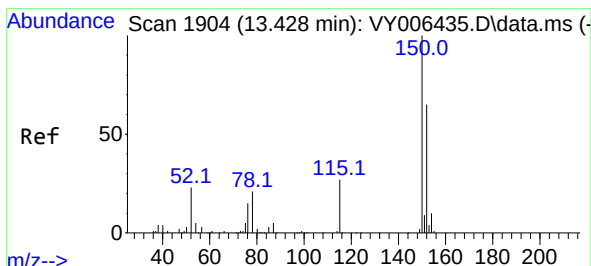
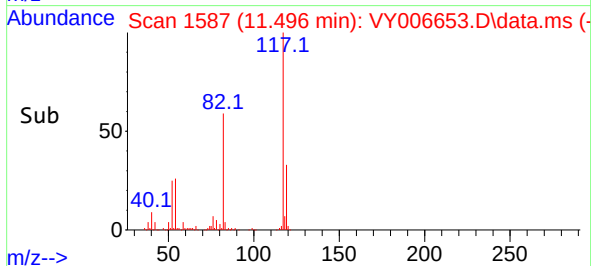
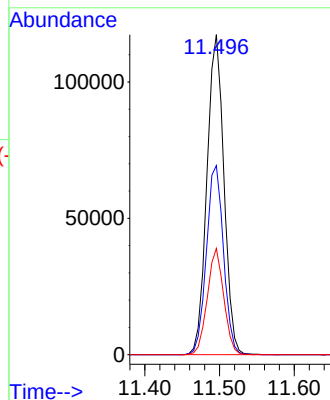
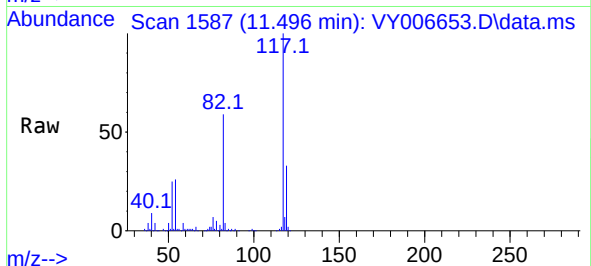
Tgt Ion:117 Resp: 185204

Ion Ratio Lower Upper

117 100

82 59.1 45.7 68.5

119 33.2 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: VY006653.D

Acq: 05 Nov 2021 13:40

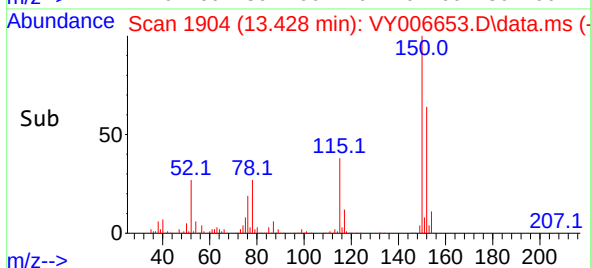
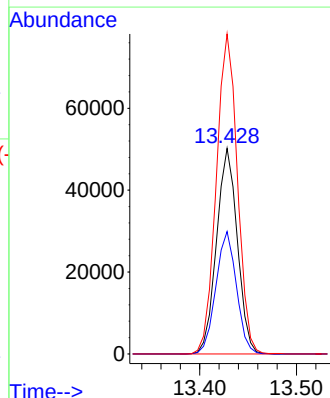
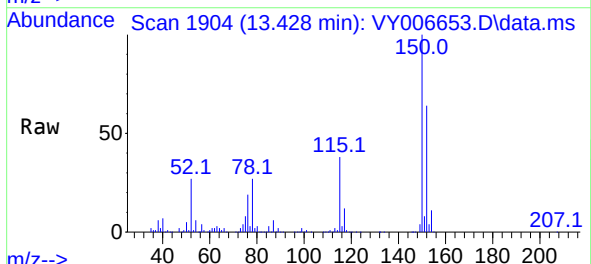
Tgt Ion:152 Resp: 75029

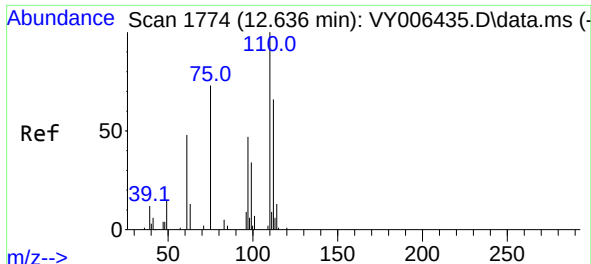
Ion Ratio Lower Upper

152 100

115 58.8 28.5 85.5

150 157.7 0.0 348.2

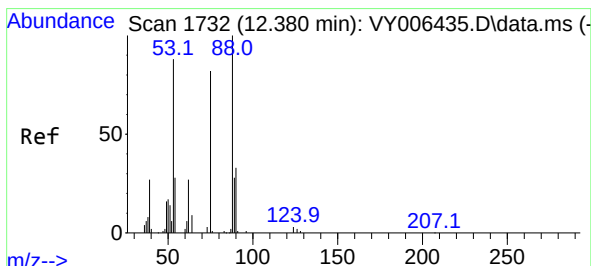
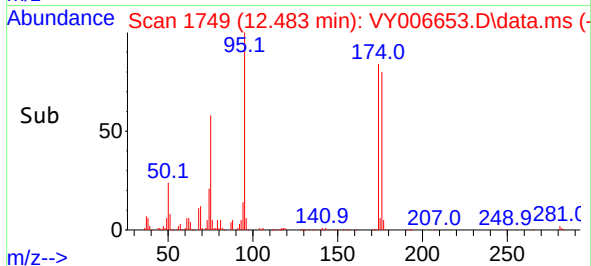
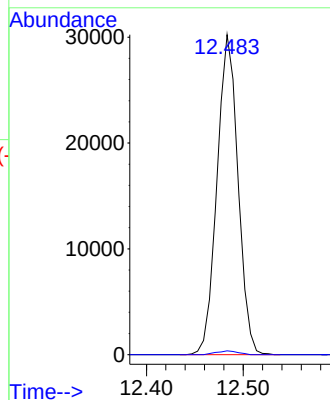
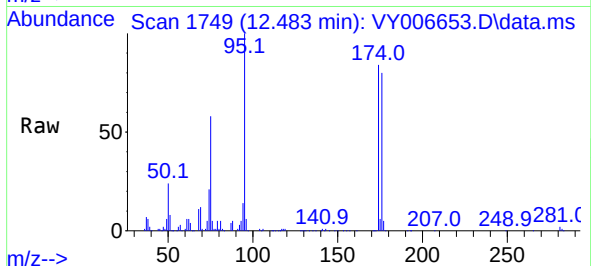




#76
1,2,3-Trichloropropane
Concen: 58.869 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45515
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.856 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006653.D
Acq: 05 Nov 2021 13:40

Tgt Ion: 75 Resp: 45515
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 39.3 58.9#

