

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006573.D
 Acq On : 02 Nov 2021 13:29
 Operator : SY/MD
 Sample : M4427-01
 Misc : 4.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 01:49:56 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)

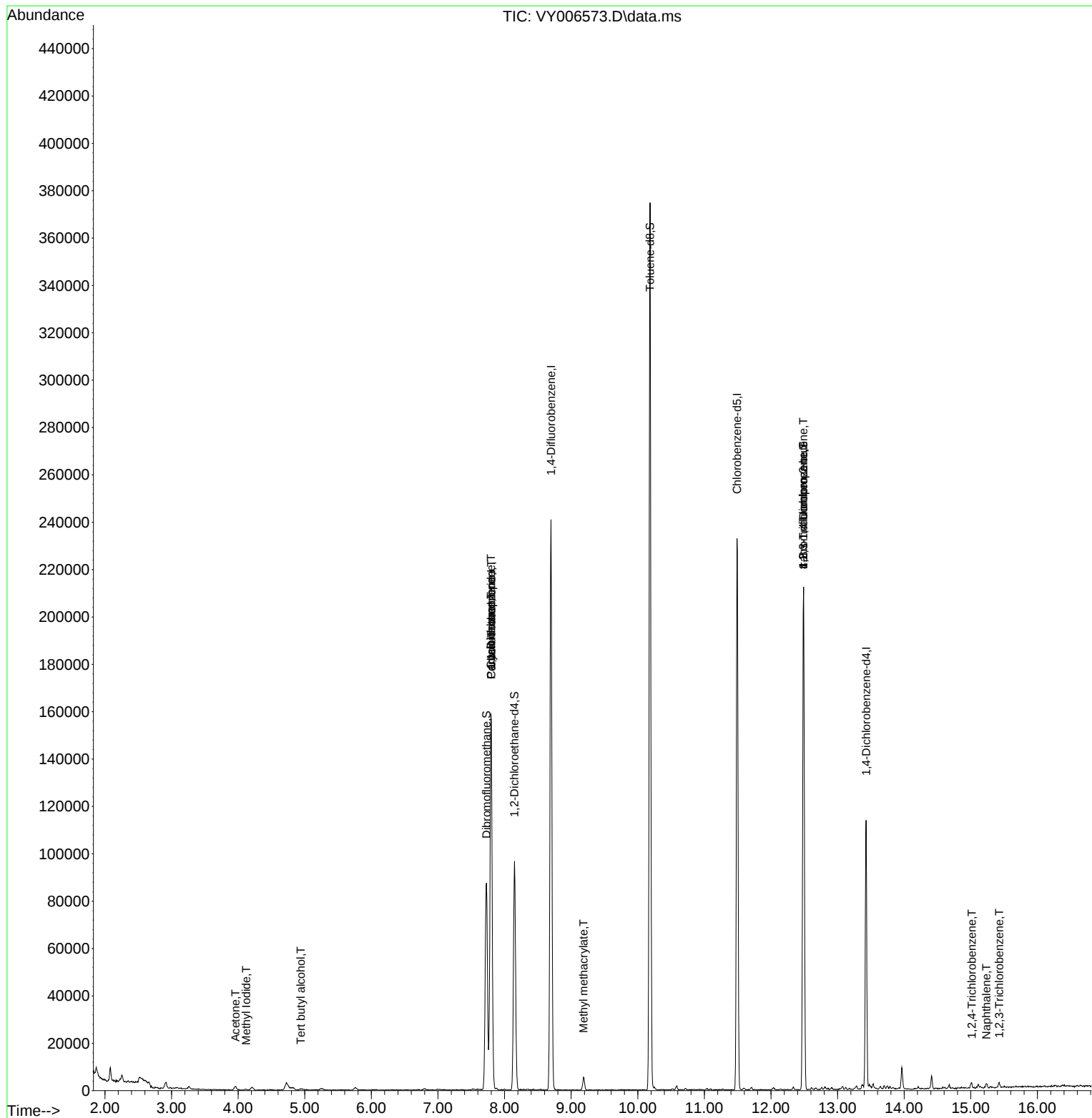
Internal Standards						
1) Pentafluorobenzene	7.801	168	116357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	188301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76673	53.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.100%	
35) Dibromofluoromethane	7.728	113	60306	57.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.920%	
50) Toluene-d8	10.185	98	225636	50.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	12.483	95	35617	23.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 47.520%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.119	142	349	5.334	ug/l #	69
11) Tert butyl alcohol	4.942	59	683	5.251	ug/l #	72
16) Acetone	3.960	43	2306	5.593	ug/l #	86
20) Methylene Chloride	4.729	84	1537	Below Cal		92
31) Cyclohexane	7.795	56	4549	1.962	ug/l #	39
36) 1,1-Dichloropropene	7.795	75	10527	5.658	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11838	5.768	ug/l #	16
48) Methyl methacrylate	9.185	41	1317	1.244	ug/l #	71
76) 1,2,3-Trichloropropane	12.483	75	21430	76.263	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21430	156.566	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.013	180	780	1.493	ug/l	96
95) Naphthalene	15.233	128	1585	1.550	ug/l	96
96) 1,2,3-Trichlorobenzene	15.428	180	840	1.837	ug/l	93

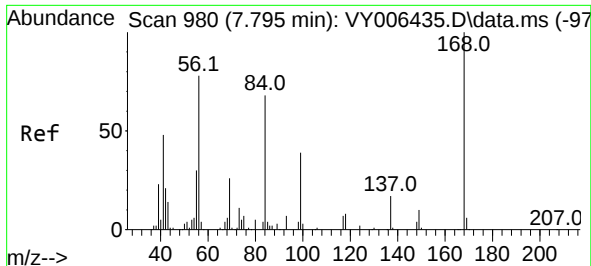
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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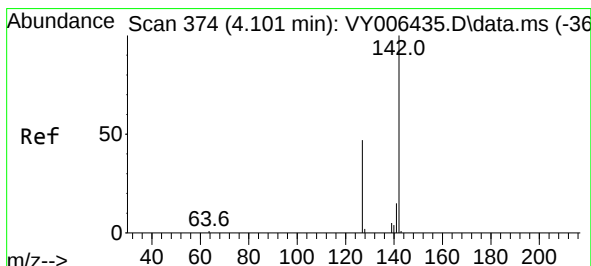
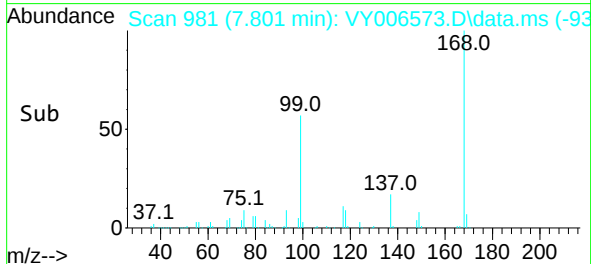
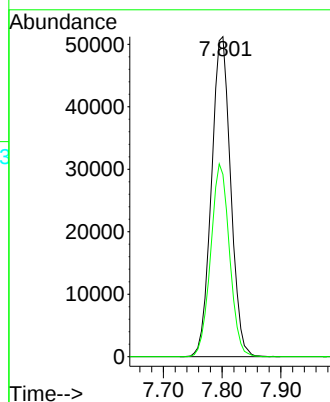
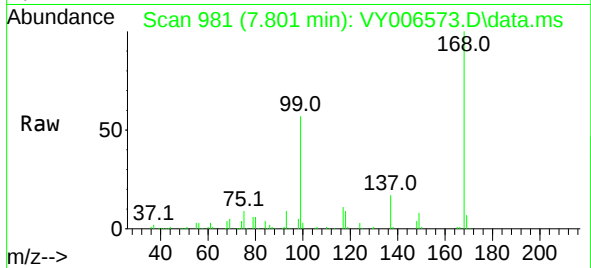




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

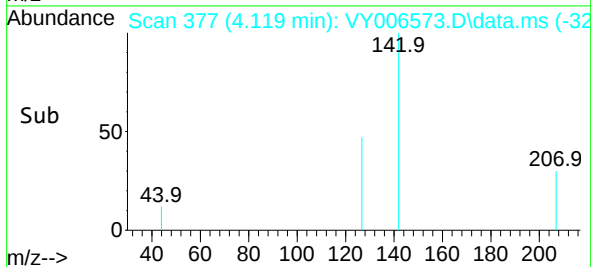
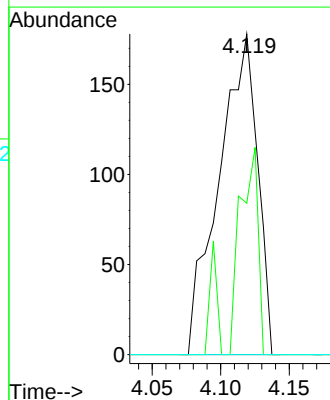
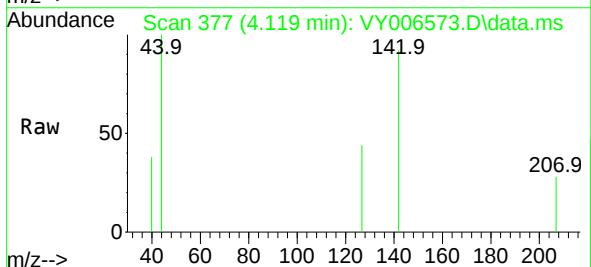
Instrument :
MSVOA_N
ClientSampleId :

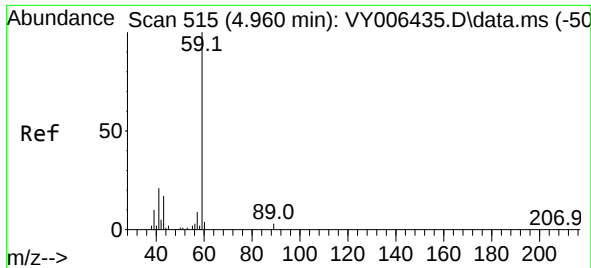
Tgt Ion:168 Resp: 116357
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.334 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

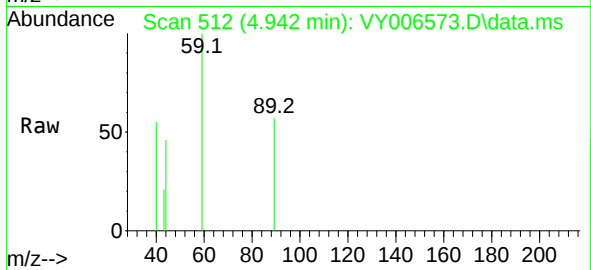
Tgt Ion:142 Resp: 349
Ion Ratio Lower Upper
142 100
127 30.1 40.1 60.1#
141 0.0 12.5 18.7#



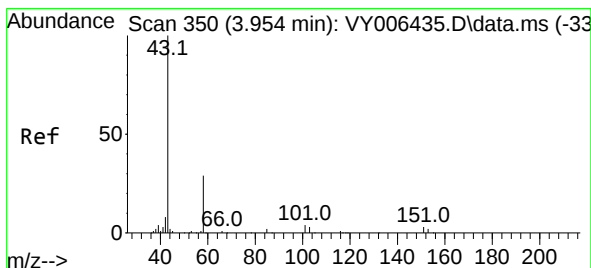
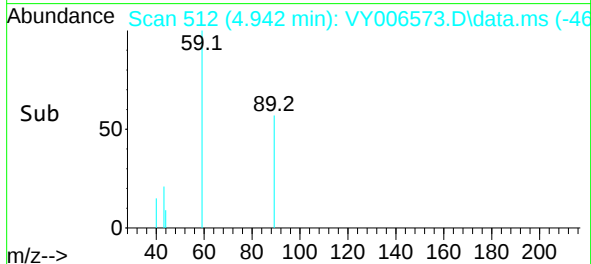
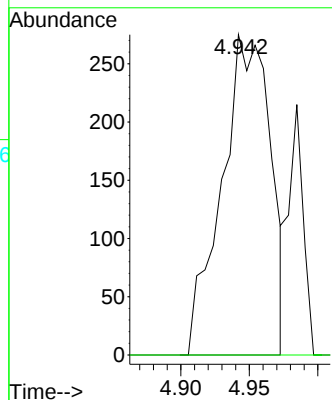


#11
Tert butyl alcohol
Concen: 5.251 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

Instrument :
MSVOA_N
ClientSampleId :

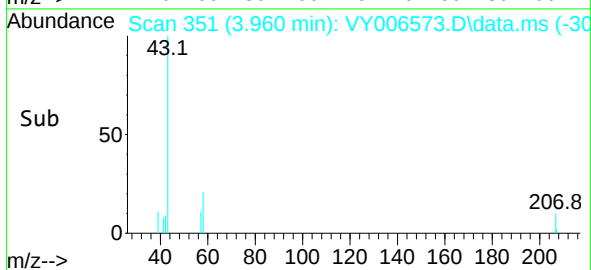
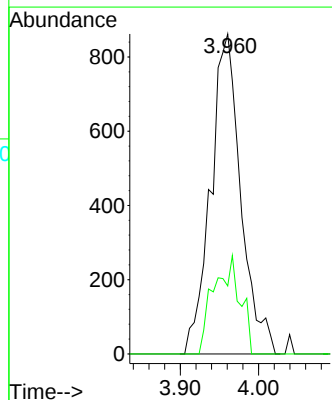
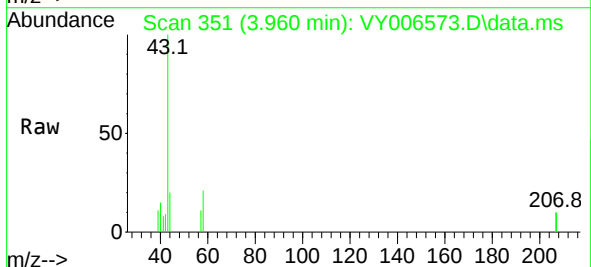


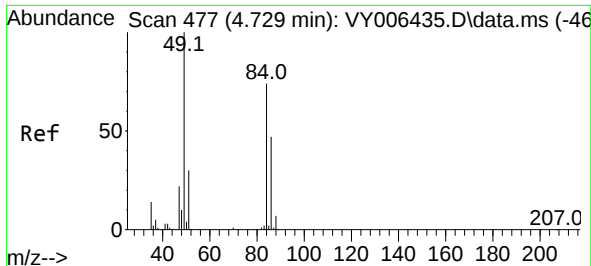
Tgt Ion: 59 Resp: 683
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 5.593 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

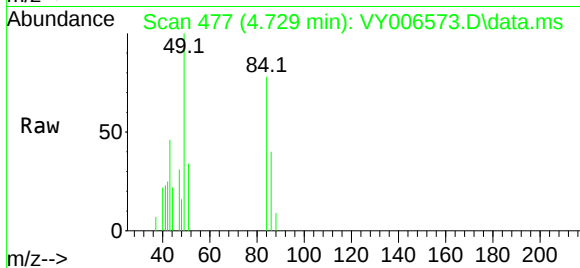
Tgt Ion: 43 Resp: 2306
Ion Ratio Lower Upper
43 100
58 21.2 22.9 34.3#





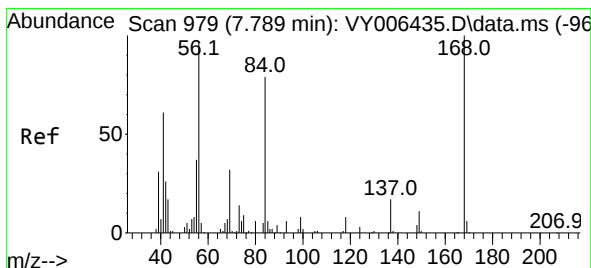
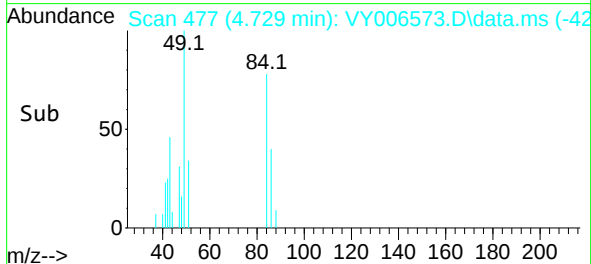
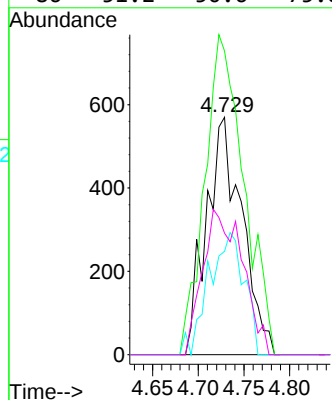
#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1537

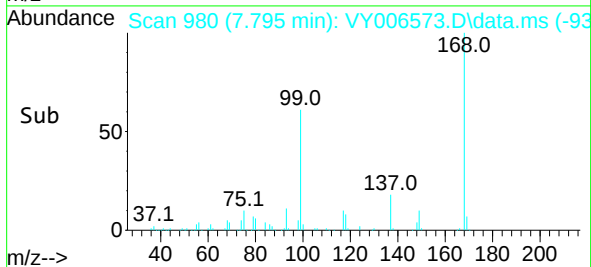
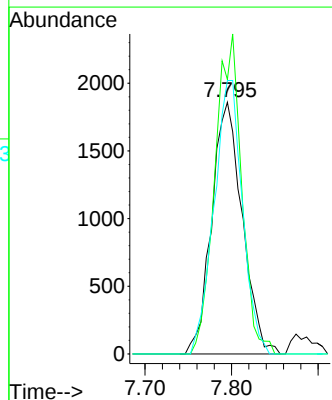
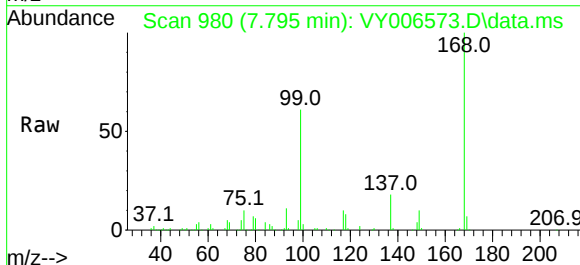
Ion	Ratio	Lower	Upper
84	100		
49	127.9	107.8	161.8
51	43.5	32.8	49.2
86	51.2	50.6	75.8

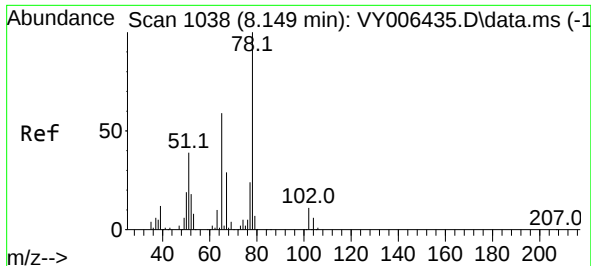


#31
Cyclohexane
Concen: 1.962 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

Tgt Ion: 56 Resp: 4549

Ion	Ratio	Lower	Upper
56	100		
69	109.0	26.6	40.0#
84	108.7	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 53.548 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006573.D

Acq: 02 Nov 2021 13:29

Instrument :

MSVOA_N

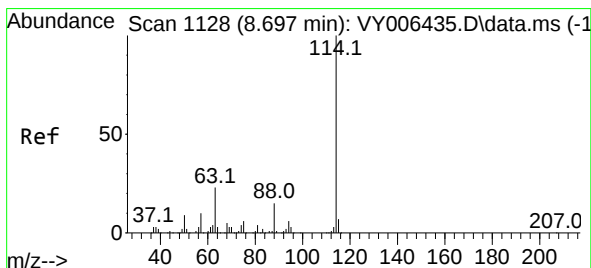
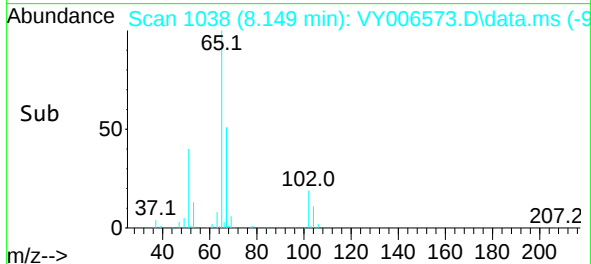
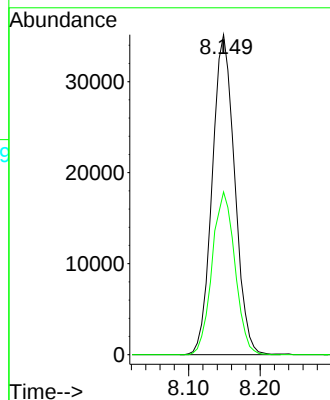
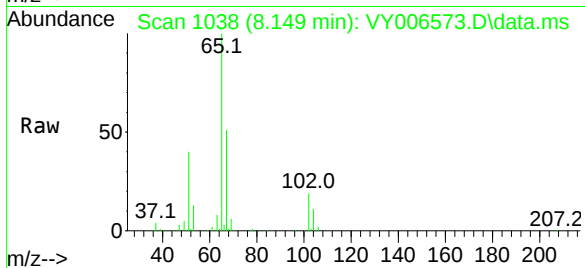
ClientSampleId :

Tgt Ion: 65 Resp: 76673

Ion Ratio Lower Upper

65 100

67 51.7 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: VY006573.D

Acq: 02 Nov 2021 13:29

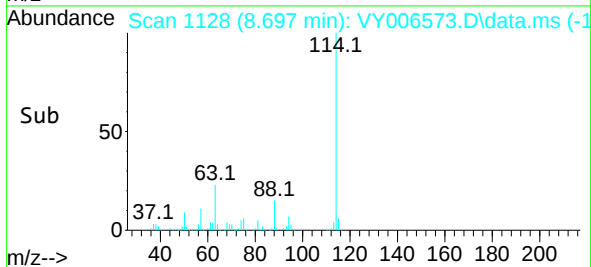
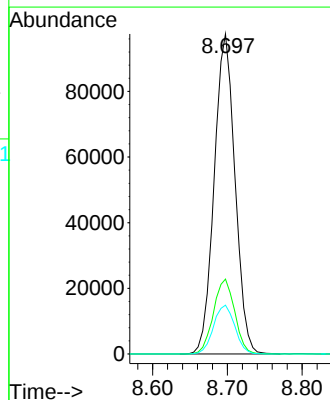
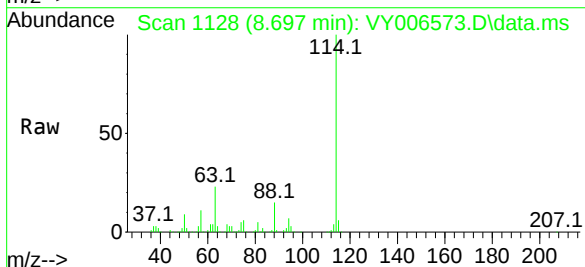
Tgt Ion: 114 Resp: 188301

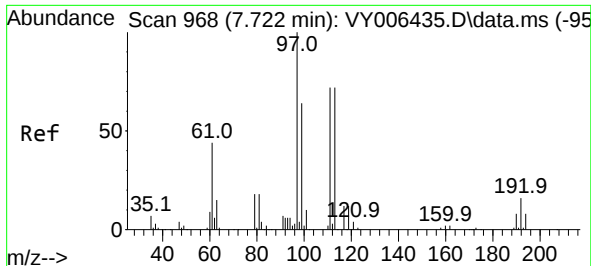
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

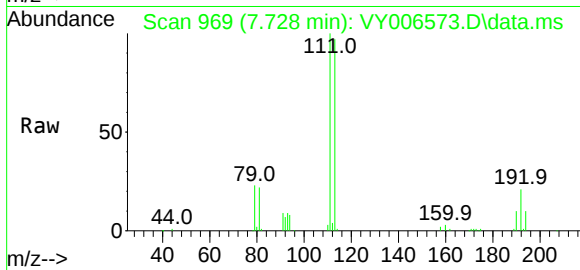
88 15.2 0.0 30.6



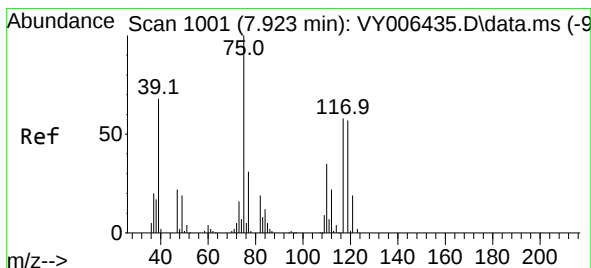
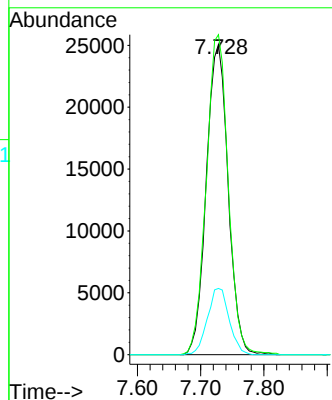
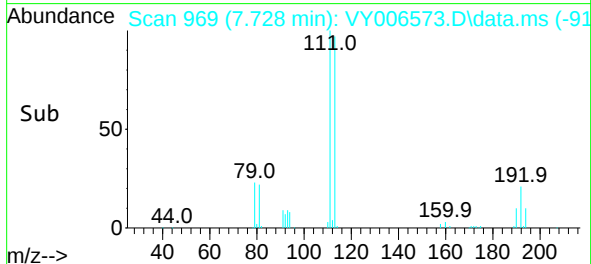


#35
Dibromofluoromethane
Concen: 57.460 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

Instrument :
MSVOA_N
ClientSampleId :

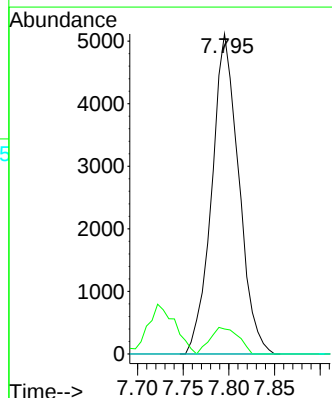
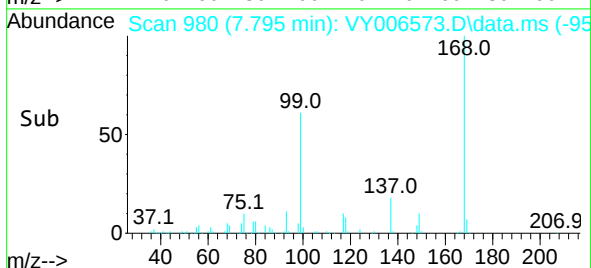
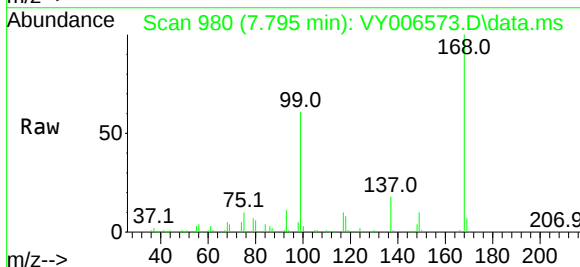


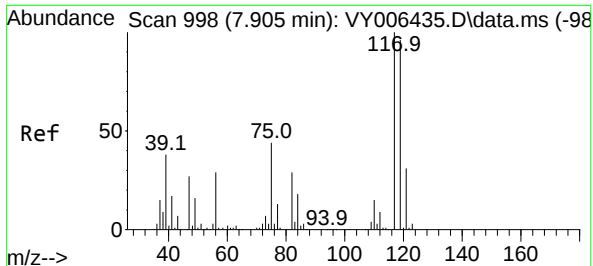
Tgt Ion:113 Resp: 60306
Ion Ratio Lower Upper
113 100
111 103.7 82.3 123.5
192 21.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.658 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

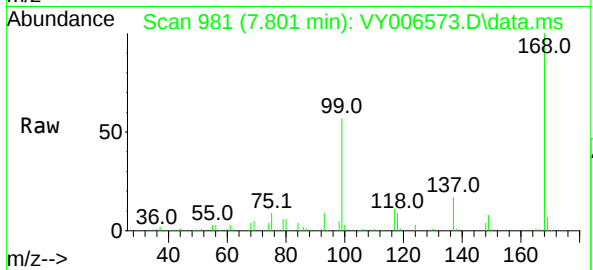
Tgt Ion: 75 Resp: 10527
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.3#
77 0.0 24.9 37.3#



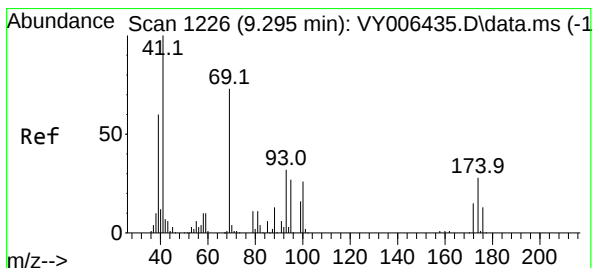
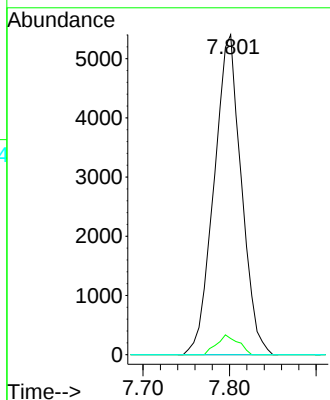
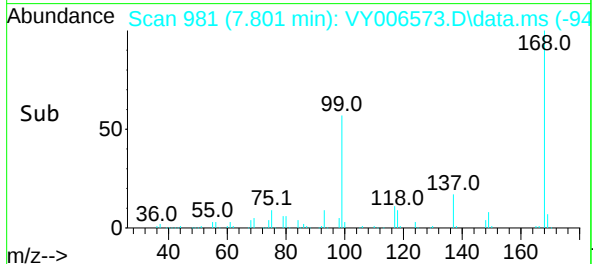


#38
Carbon Tetrachloride
Concen: 5.768 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

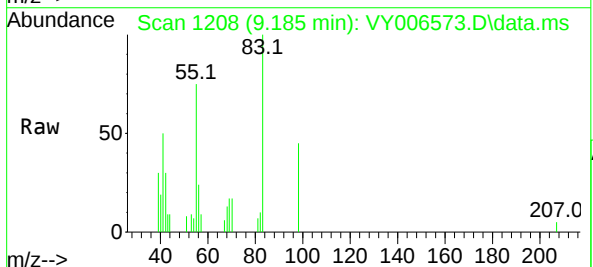
Instrument :
MSVOA_N
ClientSampleId :



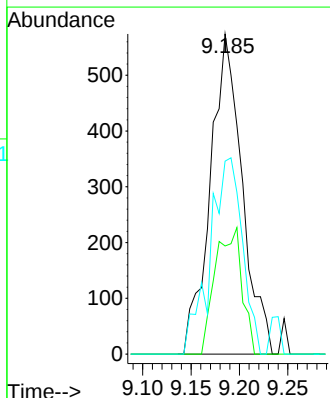
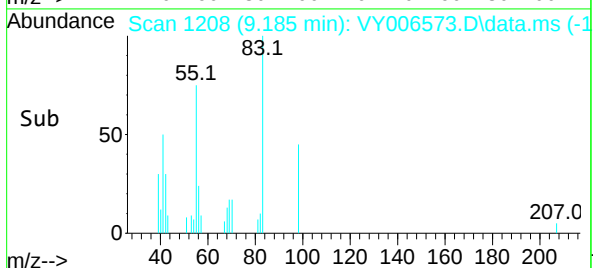
Tgt Ion: 117 Resp: 11838
Ion Ratio Lower Upper
117 100
119 5.0 76.6 115.0#
121 0.0 24.7 37.1#

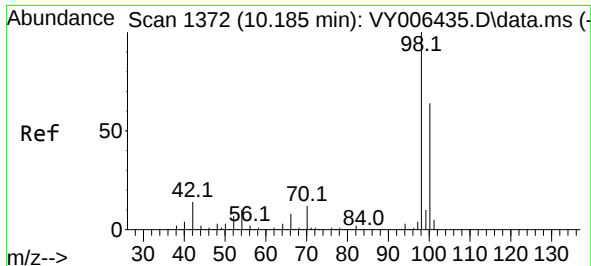


#48
Methyl methacrylate
Concen: 1.244 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.110 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29



Tgt Ion: 41 Resp: 1317
Ion Ratio Lower Upper
41 100
69 33.0 60.4 90.6#
39 62.0 48.2 72.2

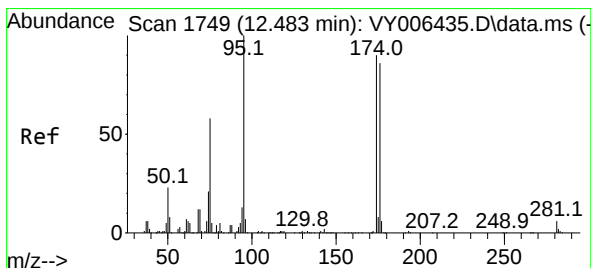
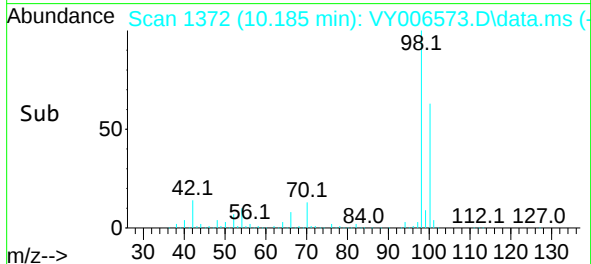
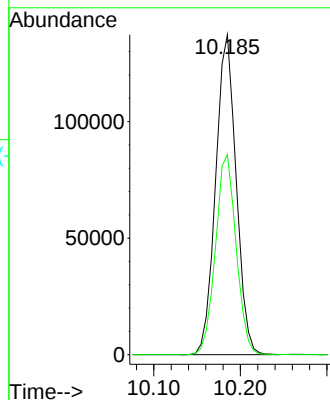
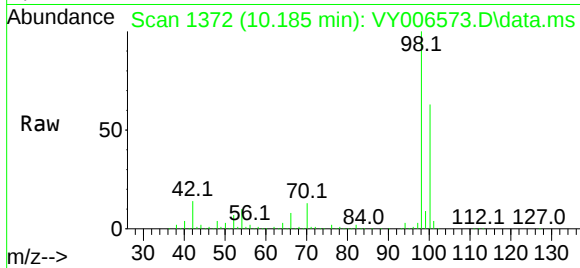




#50
Toluene-d8
Concen: 50.715 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

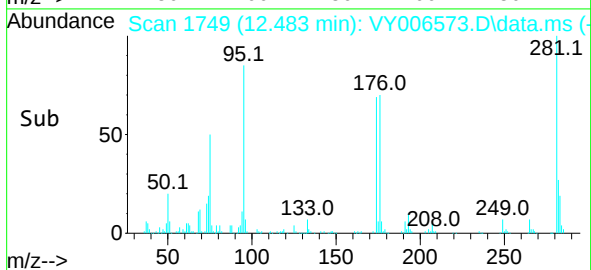
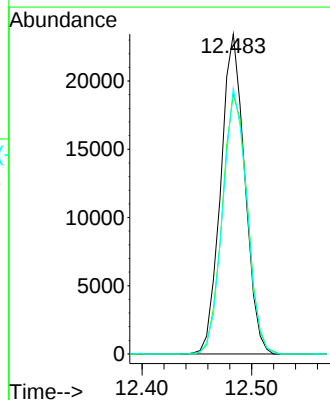
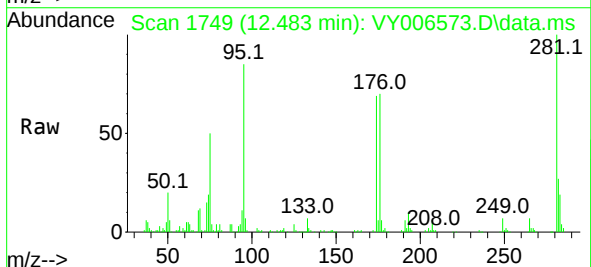
Instrument :
MSVOA_N
ClientSampleId :

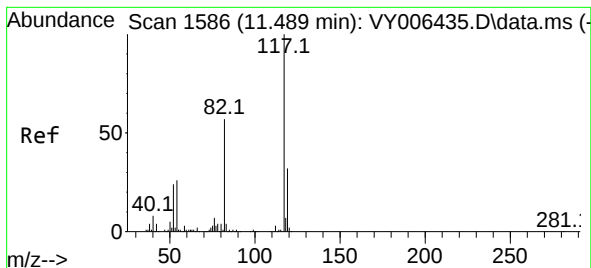
Tgt Ion: 98 Resp: 225636
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 23.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006573.D
Acq: 02 Nov 2021 13:29

Tgt Ion: 95 Resp: 35617
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 83.5 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006573.D

Acq: 02 Nov 2021 13:29

Instrument :

MSVOA_N

ClientSampleId :

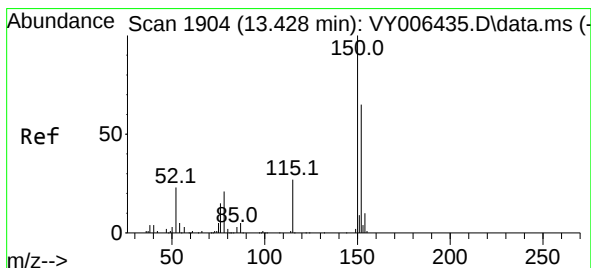
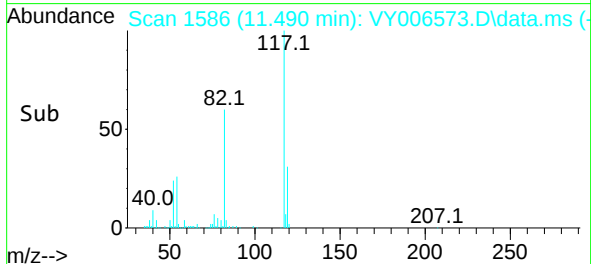
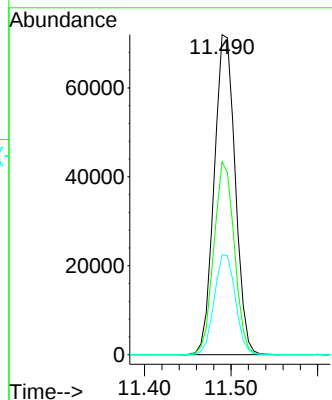
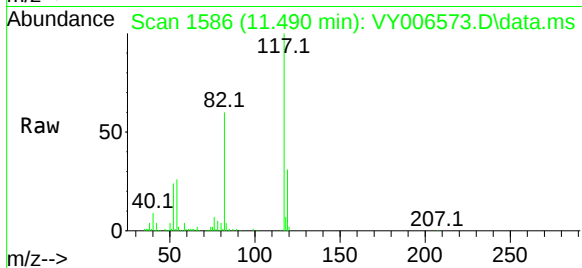
Tgt Ion:117 Resp: 121284

Ion Ratio Lower Upper

117 100

82 60.3 45.7 68.5

119 31.3 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: VY006573.D

Acq: 02 Nov 2021 13:29

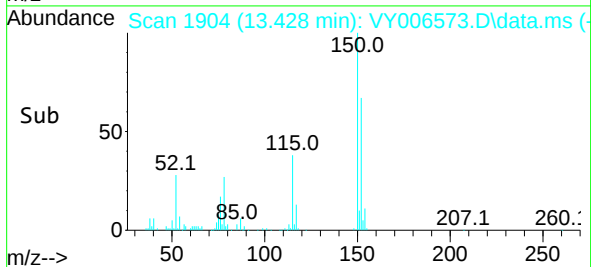
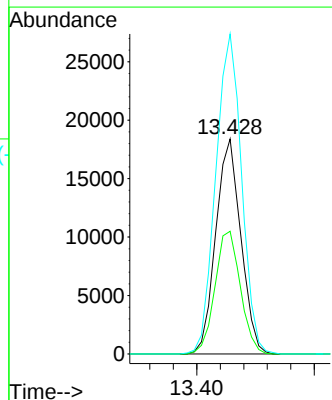
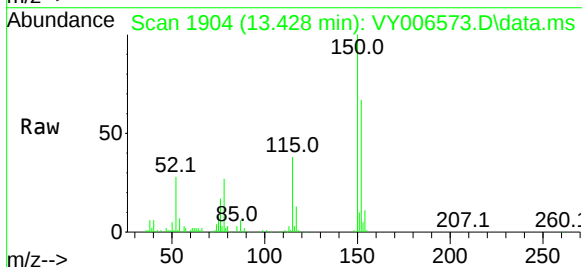
Tgt Ion:152 Resp: 27269

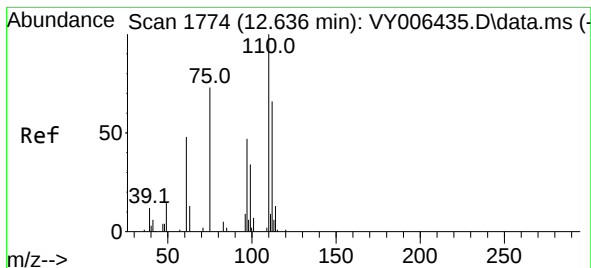
Ion Ratio Lower Upper

152 100

115 57.8 28.5 85.5

150 153.5 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 76.263 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006573.D

Acq: 02 Nov 2021 13:29

Instrument :

MSVOA_N

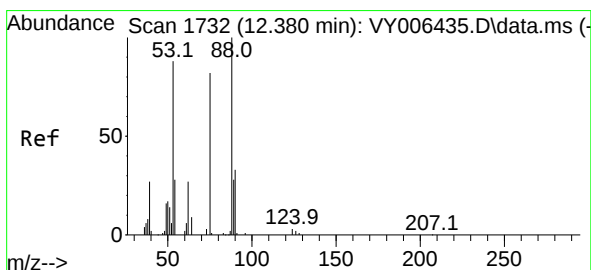
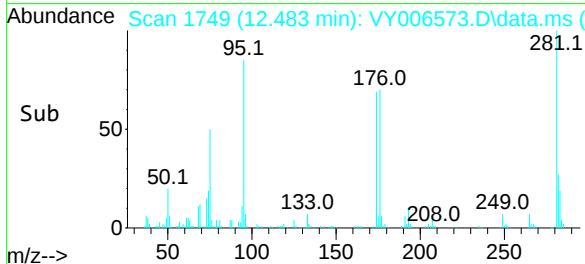
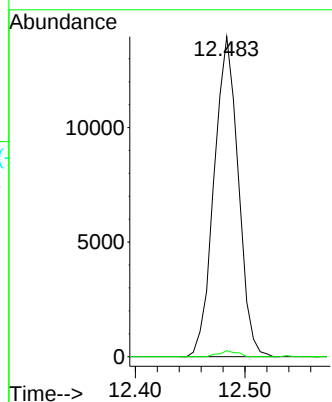
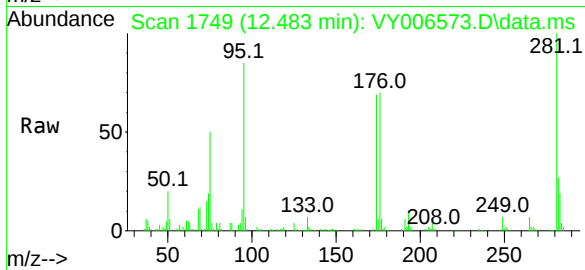
ClientSampleId :

Tgt Ion: 75 Resp: 21430

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 156.566 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY006573.D

Acq: 02 Nov 2021 13:29

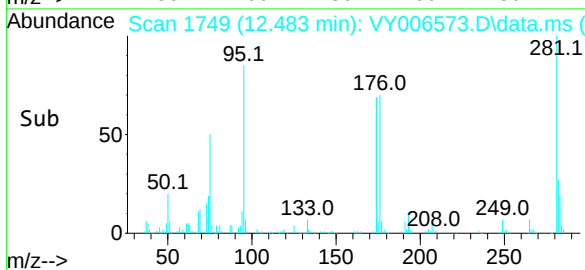
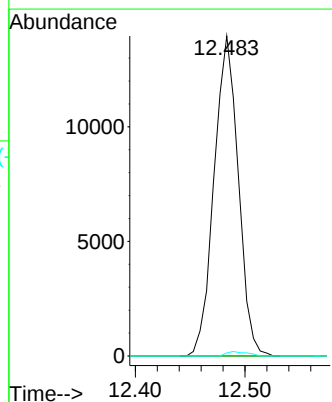
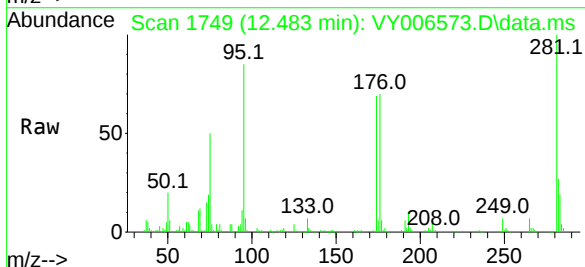
Tgt Ion: 75 Resp: 21430

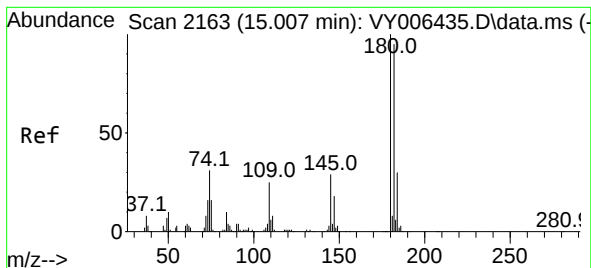
Ion Ratio Lower Upper

75 100

53 0.0 85.8 128.6#

89 1.2 39.3 58.9#





#93

1,2,4-Trichlorobenzene

Concen: 1.493 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY006573.D

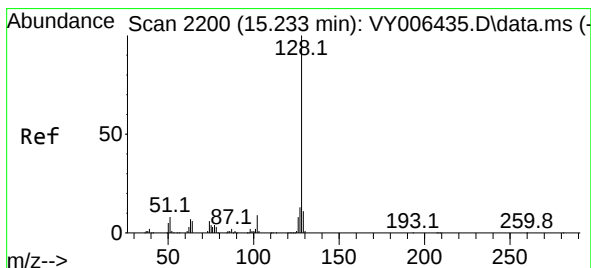
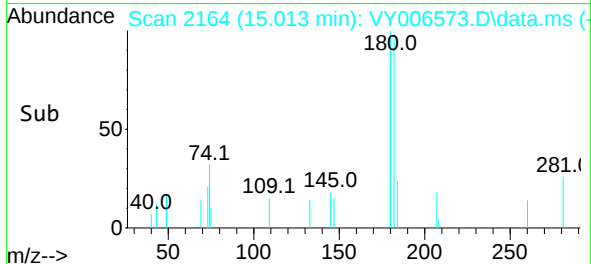
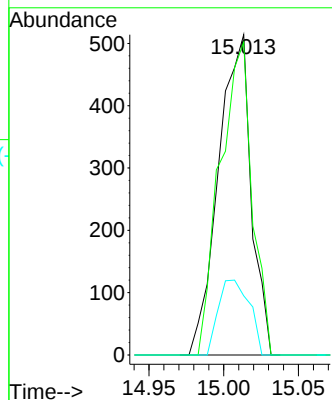
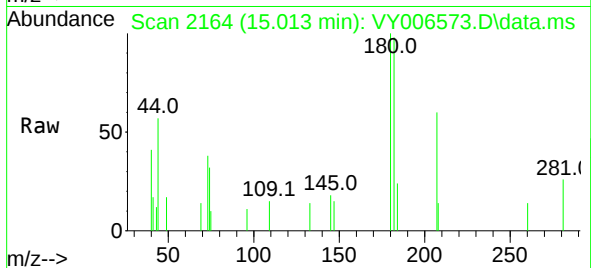
Acq: 02 Nov 2021 13:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	780
Ion Ratio	Lower	Upper
180	100	
182	95.6	47.1 141.4
145	22.2	14.5 43.6



#95

Naphthalene

Concen: 1.550 ug/l

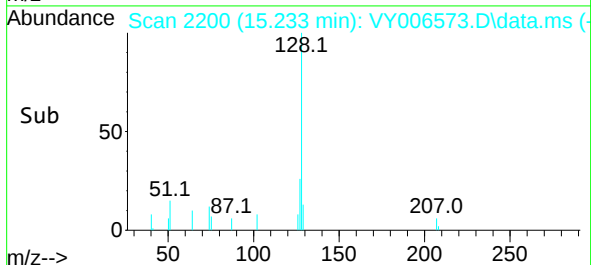
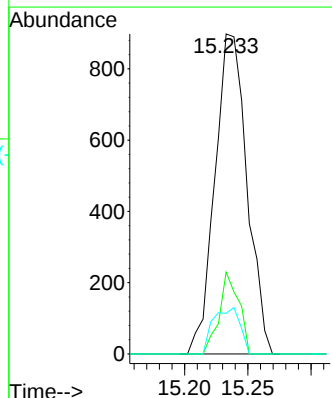
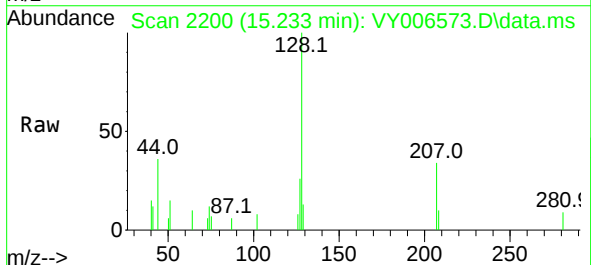
RT: 15.233 min Scan# 2200

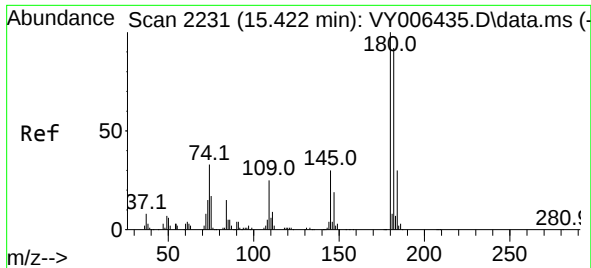
Delta R.T. 0.000 min

Lab File: VY006573.D

Acq: 02 Nov 2021 13:29

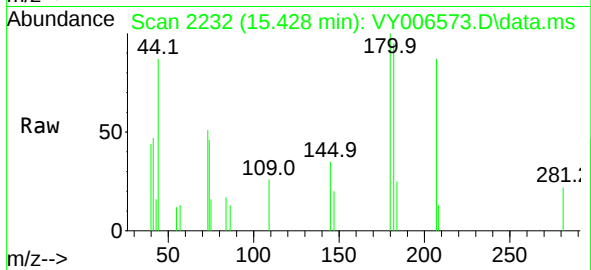
Tgt Ion:128	Resp:	1585
Ion Ratio	Lower	Upper
128	100	
127	15.6	11.0 16.4
129	12.1	8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.837 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY006573.D
 Acq: 02 Nov 2021 13:29

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	840
Ion	Ratio	Lower	Upper
180	100		
182	87.3	47.8	143.4
145	31.2	15.3	45.8

