

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006073.D
 Acq On : 17 Sep 2021 16:23
 Operator : SY/MD
 Sample : M3775-04
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Quant Time: Sep 20 01:42:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

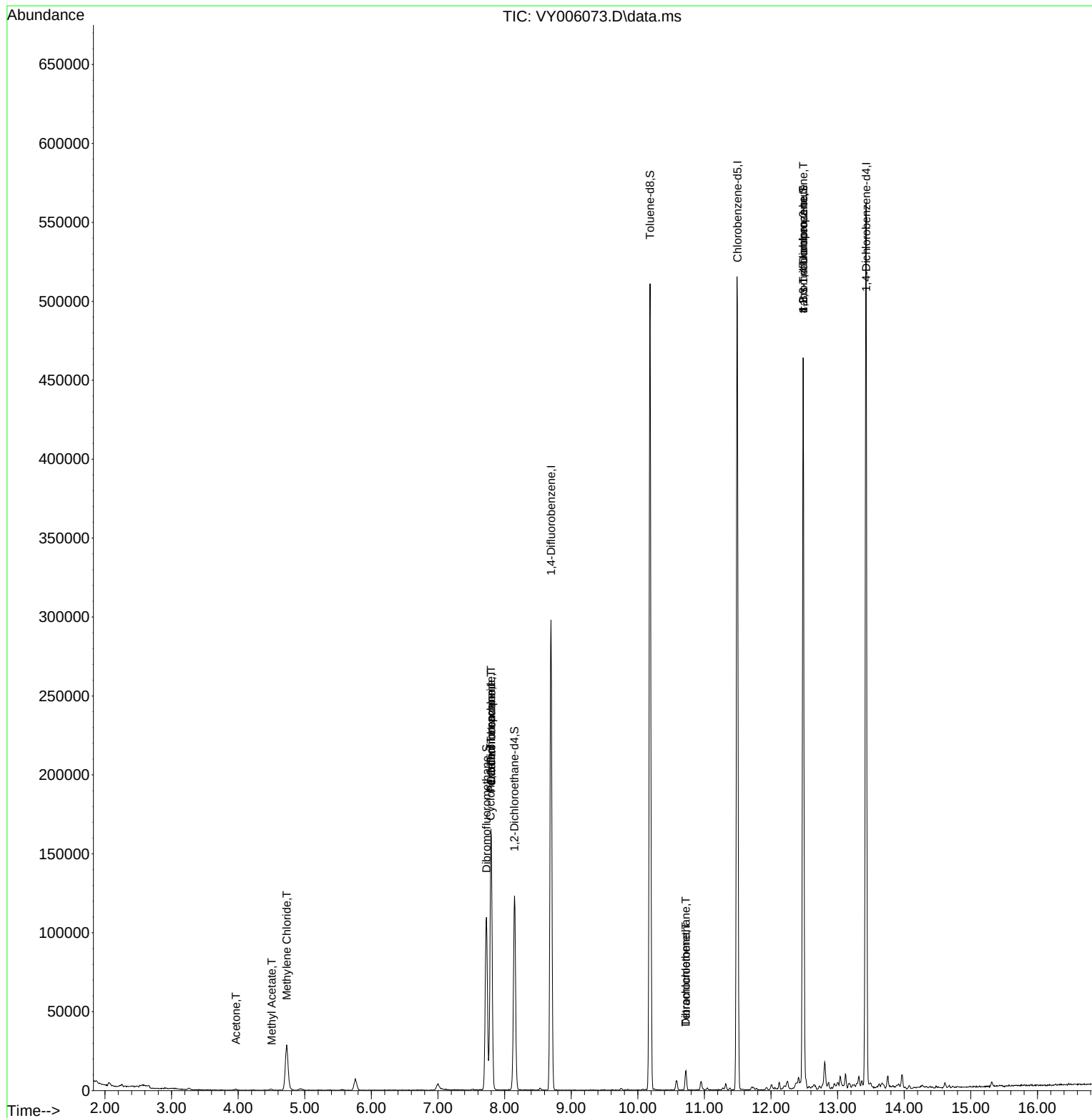
Internal Standards						
1) Pentafluorobenzene	7.801	168	126003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	241157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	261936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100658	57.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.020%			
35) Dibromofluoromethane	7.728	113	74373	49.653	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.300%			
50) Toluene-d8	10.185	98	317706	49.766	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.483	95	124078	57.246	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.500%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	612	Below Cal	#	77
16) Acetone	3.966	43	1177	2.452	ug/l	97
18) Methyl Acetate	4.503	43	1479	1.223	ug/l	93
20) Methylene Chloride	4.728	84	19803	9.452	ug/l	92
31) Cyclohexane	7.789	56	3137	1.119	ug/l #	48
36) 1,1-Dichloropropene	7.795	75	10474	4.024	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12357	4.361	ug/l #	14
60) Dibromochloromethane	10.721	129	2306	1.362	ug/l #	11
64) Tetrachloroethene	10.721	164	2601	1.214	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	71961	49.972	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71961	91.873	ug/l #	7

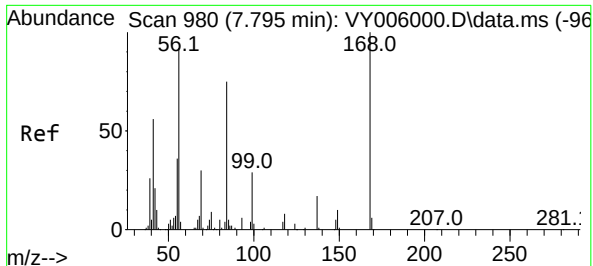
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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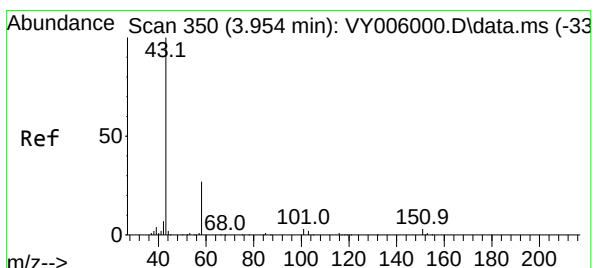
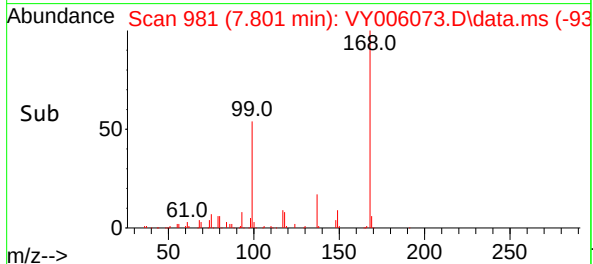
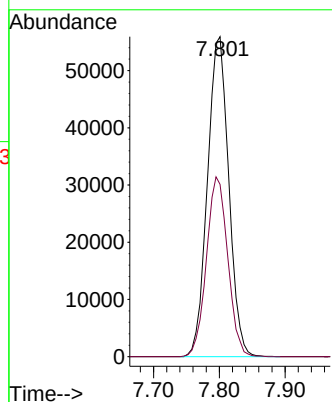
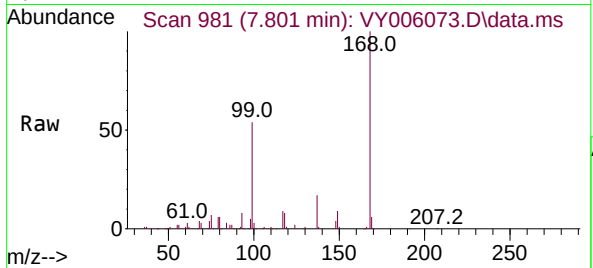




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

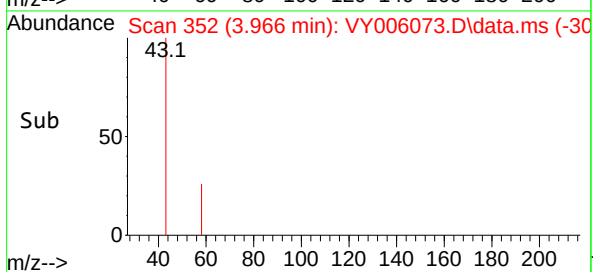
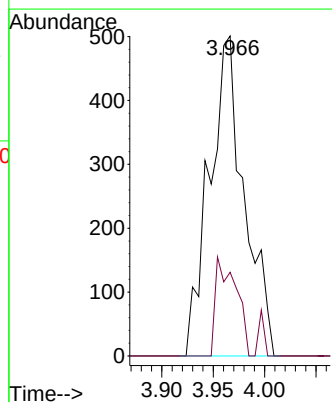
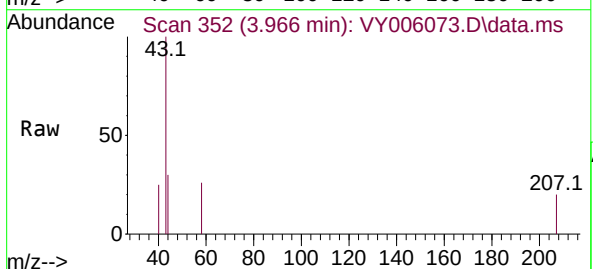
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

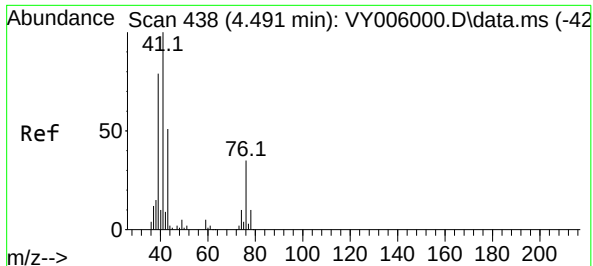
Tgt Ion:168 Resp: 126003
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#16
Acetone
Concen: 2.452 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 26.1 22.0 33.0

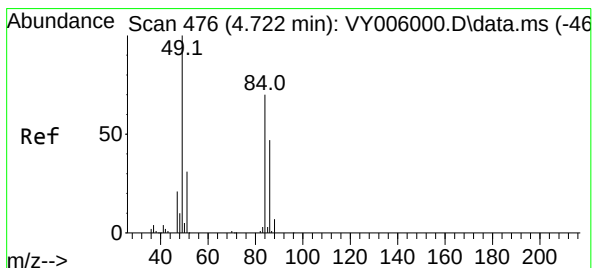
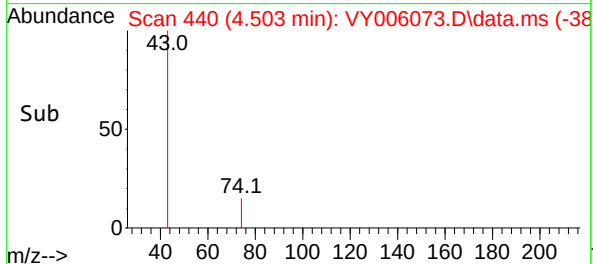
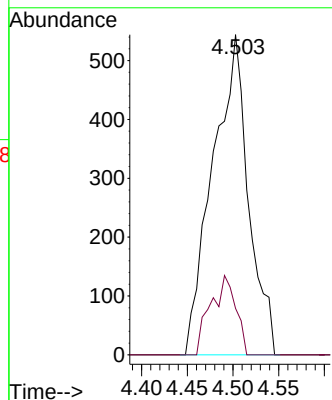
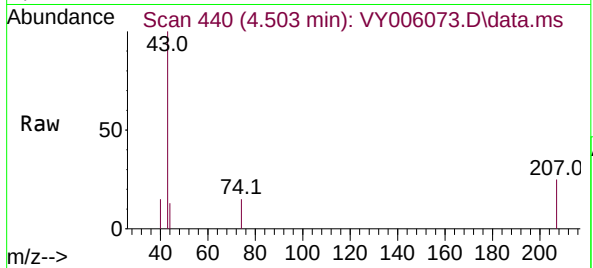




#18
Methyl Acetate
Concen: 1.223 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

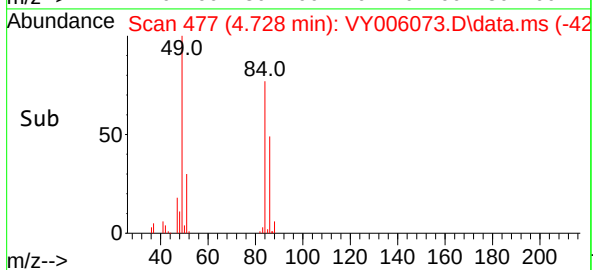
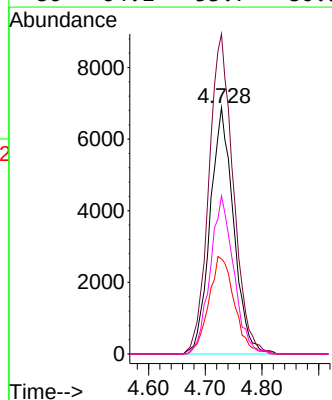
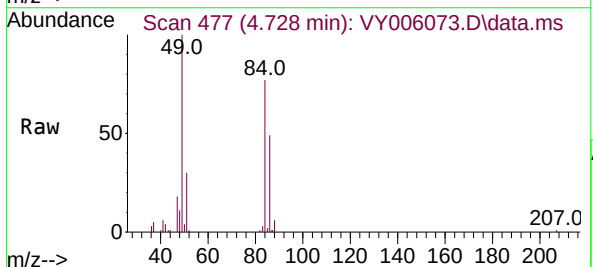
Instrument :
MSVOA_Y
ClientSampled :
PE-3

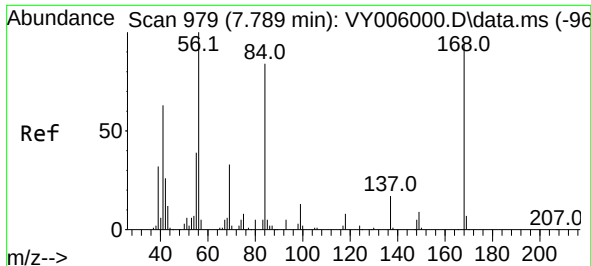
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
74 17.5 16.6 24.8



#20
Methylene Chloride
Concen: 9.452 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Tgt Ion: 84 Resp: 19803
Ion Ratio Lower Upper
84 100
49 129.8 114.4 171.6
51 38.6 35.3 52.9
86 64.1 53.7 80.5

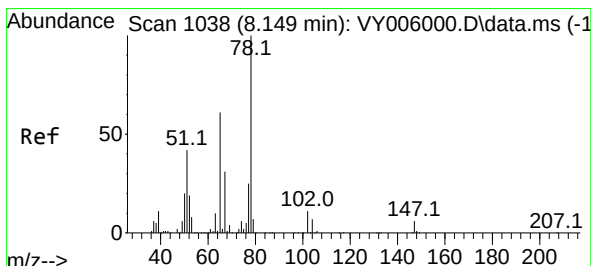
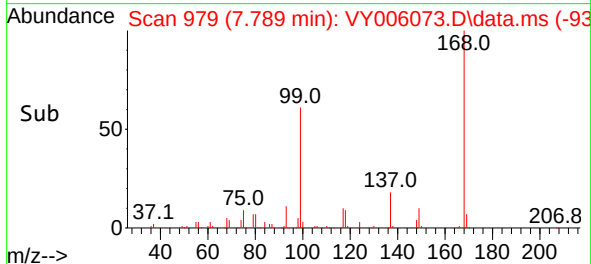
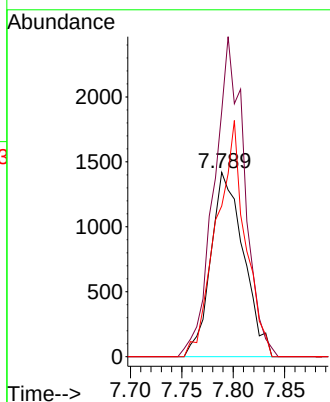
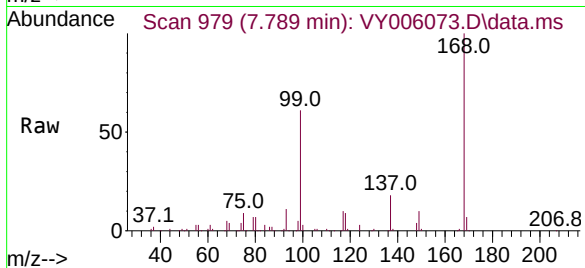




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

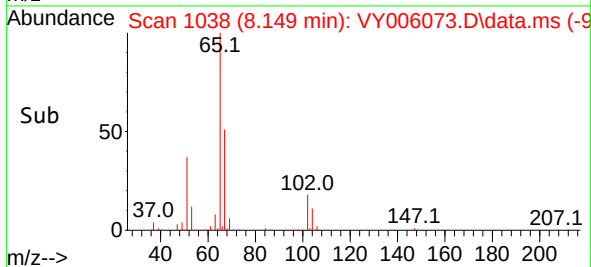
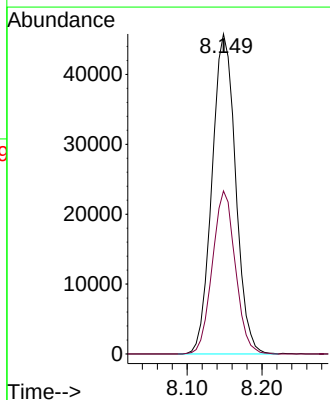
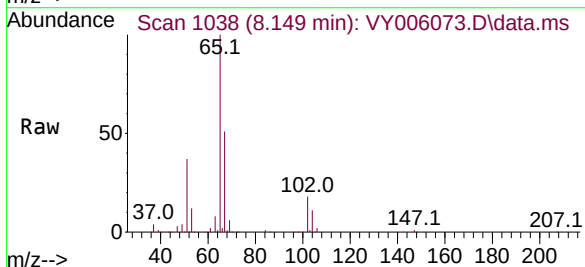
Instrument :
MSVOA_Y
ClientSampled :
PE-3

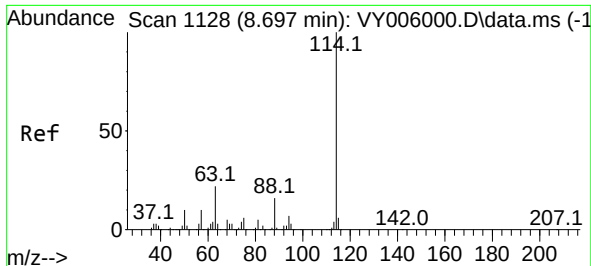
Tgt Ion: 56 Resp: 3137
Ion Ratio Lower Upper
56 100
69 133.2 26.7 40.1#
84 81.7 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 57.510 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Tgt Ion: 65 Resp: 100658
Ion Ratio Lower Upper
65 100
67 49.5 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: VY006073.D

Acq: 17 Sep 2021 16:23

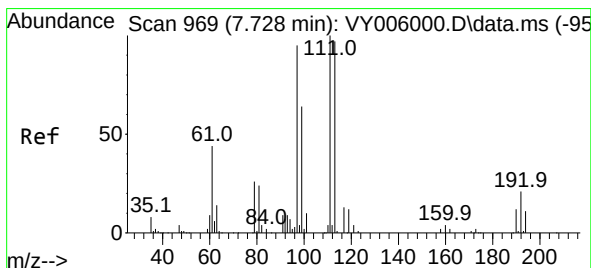
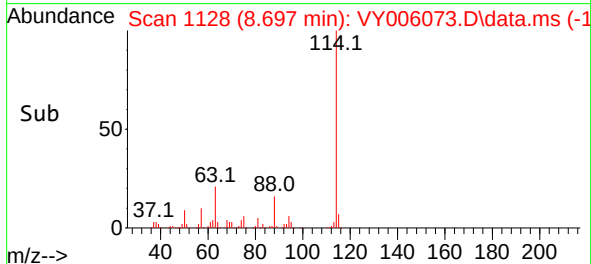
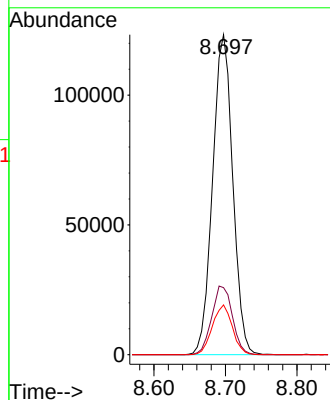
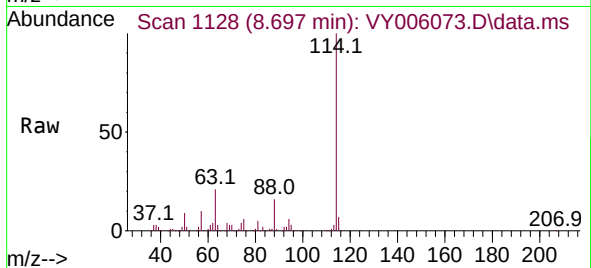
Instrument :

MSVOA_Y

ClientSampleId :

PE-3

Tgt Ion:114	Resp:	241157
Ion	Ratio	Lower Upper
114	100	
63	21.0	0.0 43.2
88	15.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 49.653 ug/l

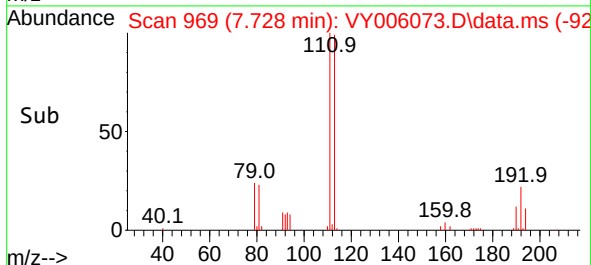
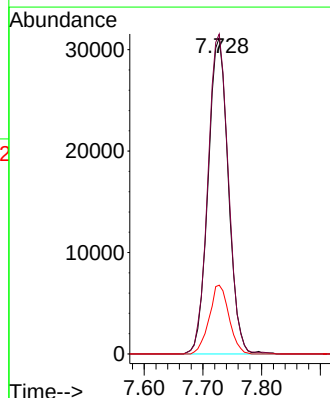
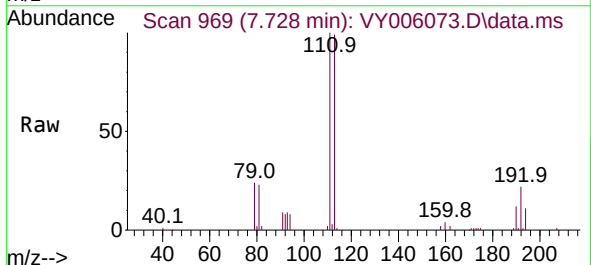
RT: 7.728 min Scan# 969

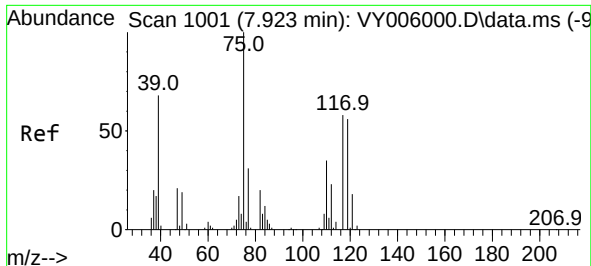
Delta R.T. -0.000 min

Lab File: VY006073.D

Acq: 17 Sep 2021 16:23

Tgt Ion:113	Resp:	74373
Ion	Ratio	Lower Upper
113	100	
111	102.2	82.6 124.0
192	21.3	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.024 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006073.D

Acq: 17 Sep 2021 16:23

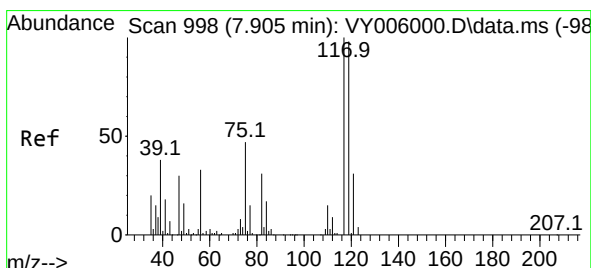
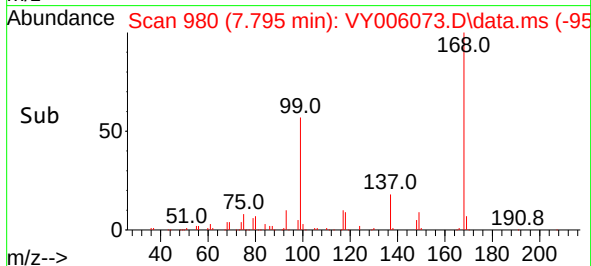
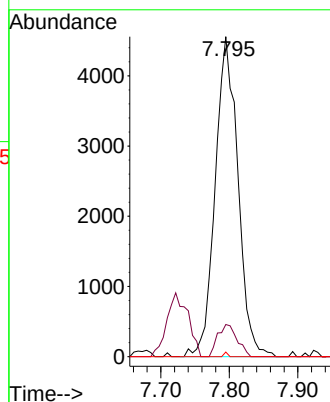
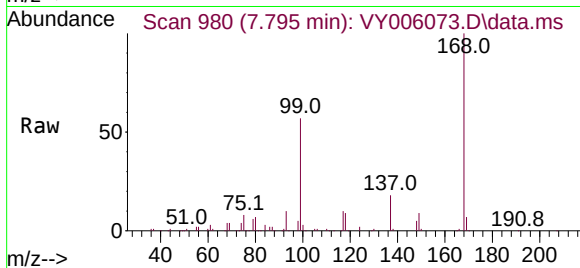
Instrument :

MSVOA_Y

ClientSampleId :

PE-3

Tgt Ion:	75	Resp:	10474
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.1	51.2#
77	0.2	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.361 ug/l

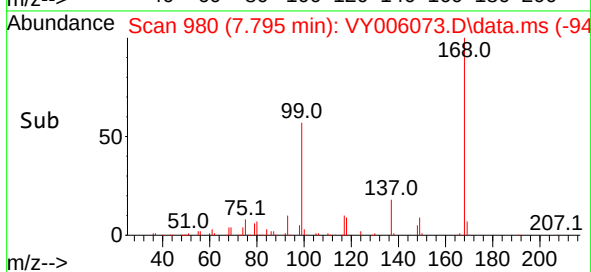
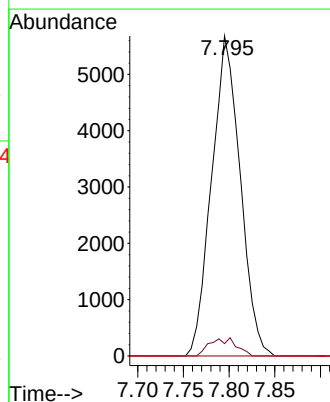
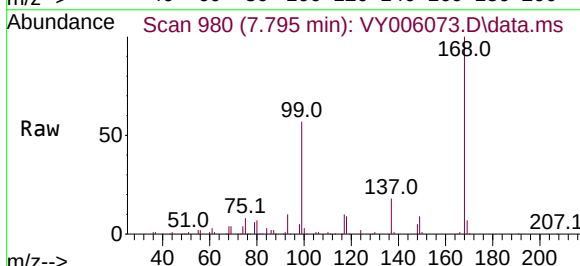
RT: 7.795 min Scan# 980

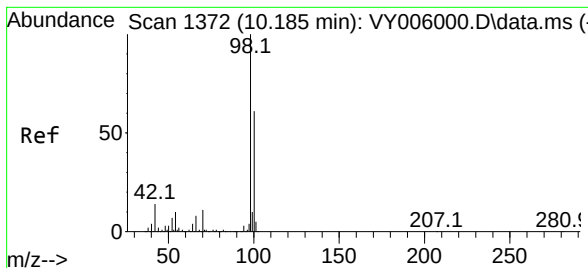
Delta R.T. -0.110 min

Lab File: VY006073.D

Acq: 17 Sep 2021 16:23

Tgt Ion:	117	Resp:	12357
Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.9	116.9#
121	0.0	24.8	37.2#

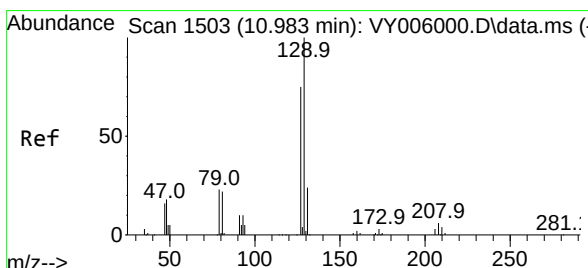
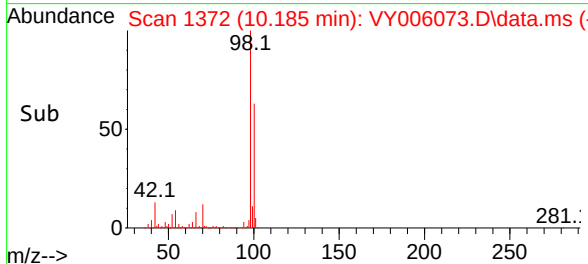
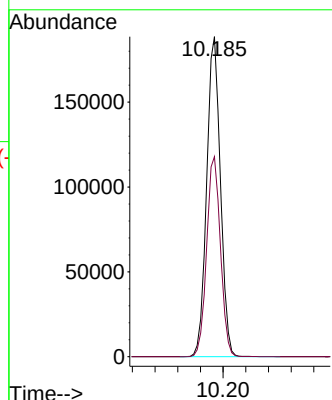
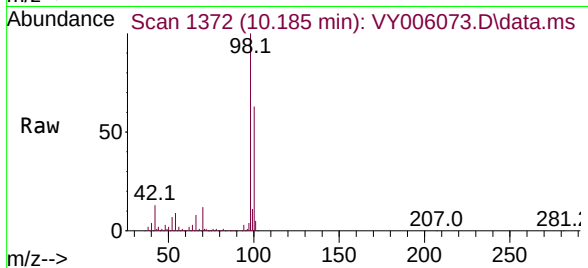




#50
Toluene-d8
Concen: 49.766 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

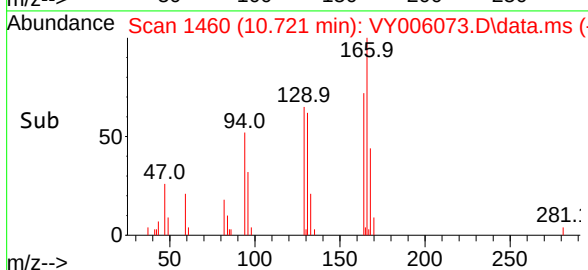
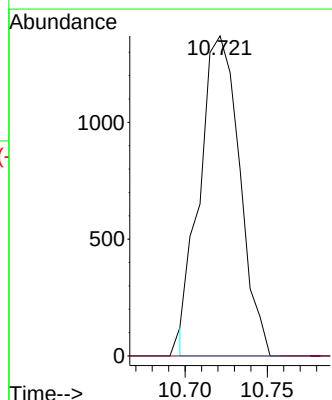
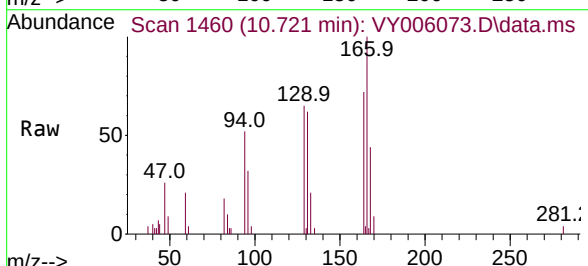
Instrument :
MSVOA_Y
ClientSampled :
PE-3

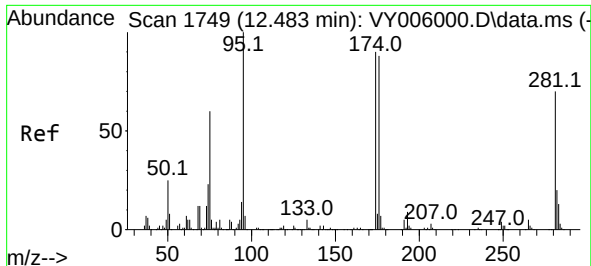
Tgt Ion: 98 Resp: 317706
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#60
Dibromochloromethane
Concen: 1.362 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Tgt Ion:129 Resp: 2306
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

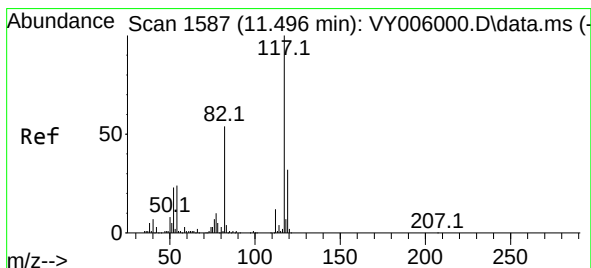
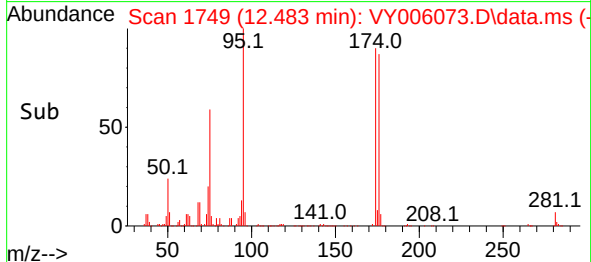
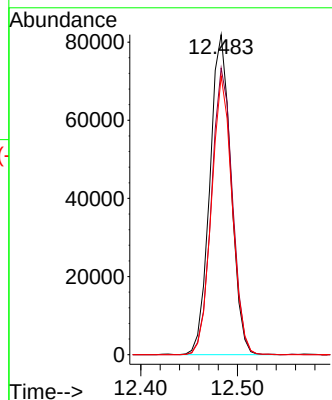
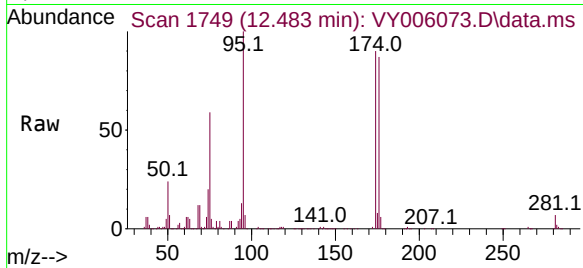




#62
4-Bromofluorobenzene
Concen: 57.246 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

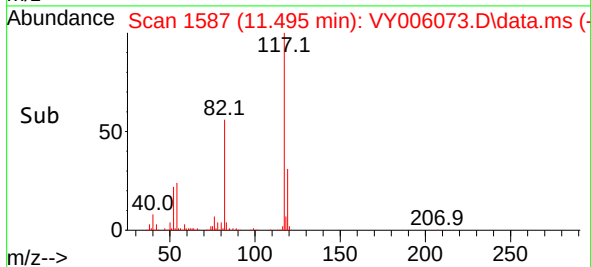
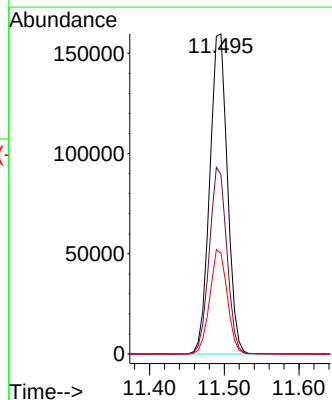
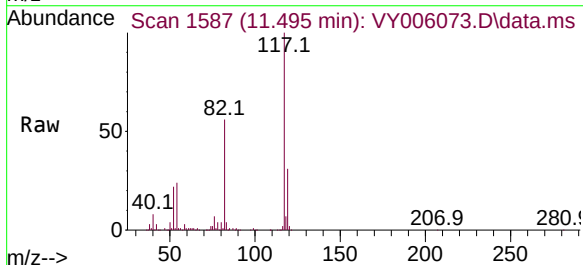
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

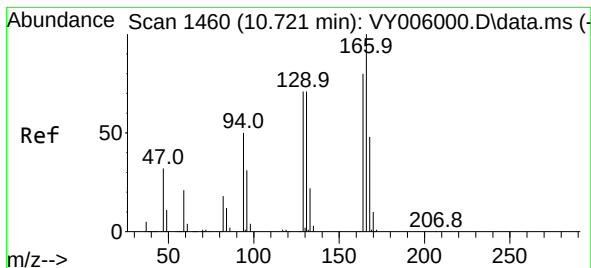
Tgt Ion: 95 Resp: 124078
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 85.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Tgt Ion: 117 Resp: 261936
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 31.4 25.4 38.0





#64

Tetrachloroethene

Concen: 1.214 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY006073.D

Acq: 17 Sep 2021 16:23

Instrument :

MSVOA_Y

ClientSampled :

PE-3

Tgt Ion:164 Resp: 2601

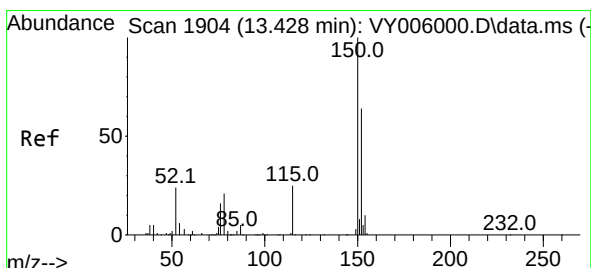
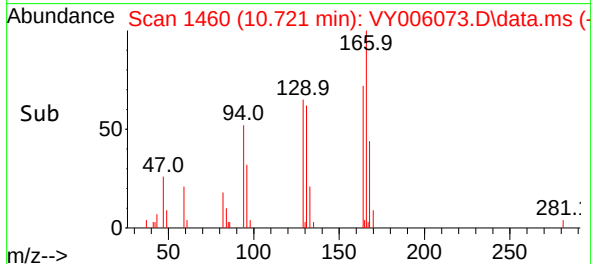
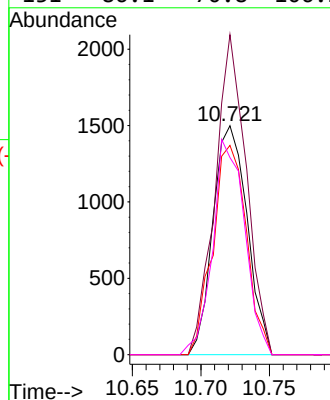
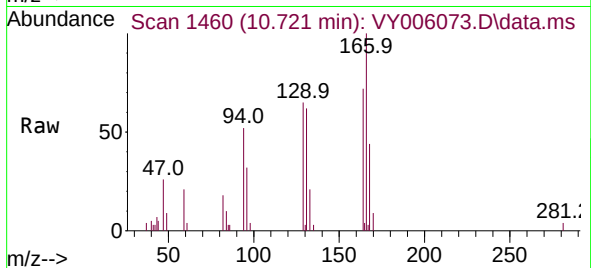
Ion Ratio Lower Upper

164 100

166 139.8 100.4 150.6

129 91.4 71.4 107.0

131 86.1 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: VY006073.D

Acq: 17 Sep 2021 16:23

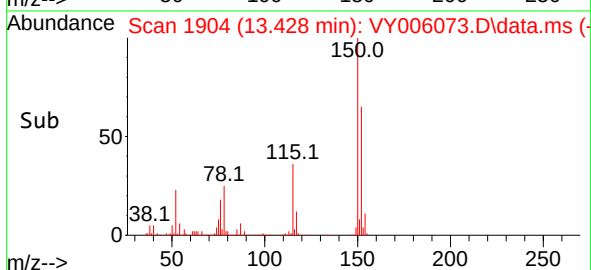
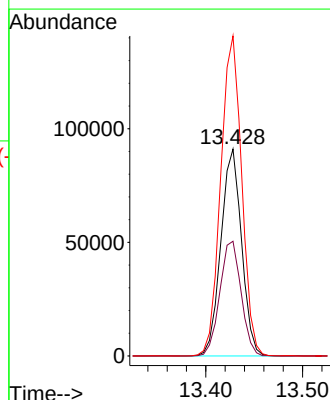
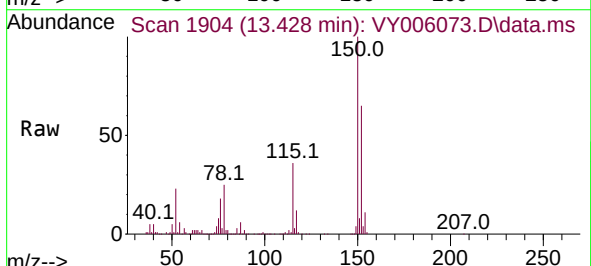
Tgt Ion:152 Resp: 135064

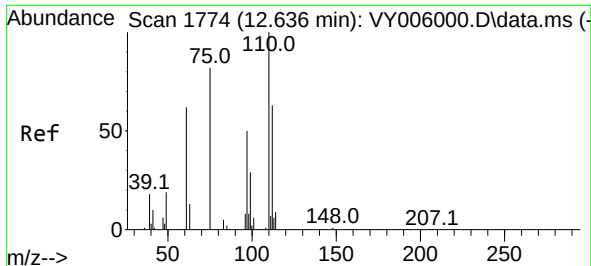
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 156.9 0.0 347.6

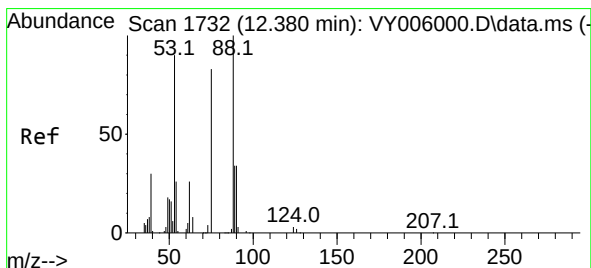
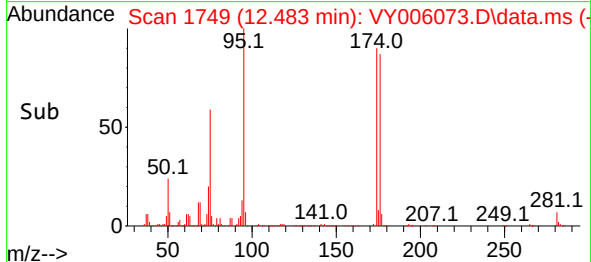
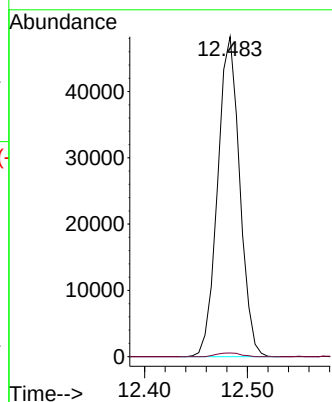
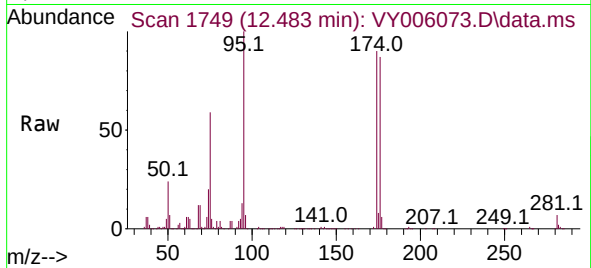




#76
1,2,3-Trichloropropane
Concen: 49.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Instrument :
MSVOA_Y
ClientSampled :
PE-3

Tgt Ion: 75 Resp: 71961
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.873 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Tgt Ion: 75 Resp: 71961
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

