

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006138.D
 Acq On : 24 Sep 2021 15:09
 Operator : SY/MD
 Sample : M3917-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Sep 25 05:45:13 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)

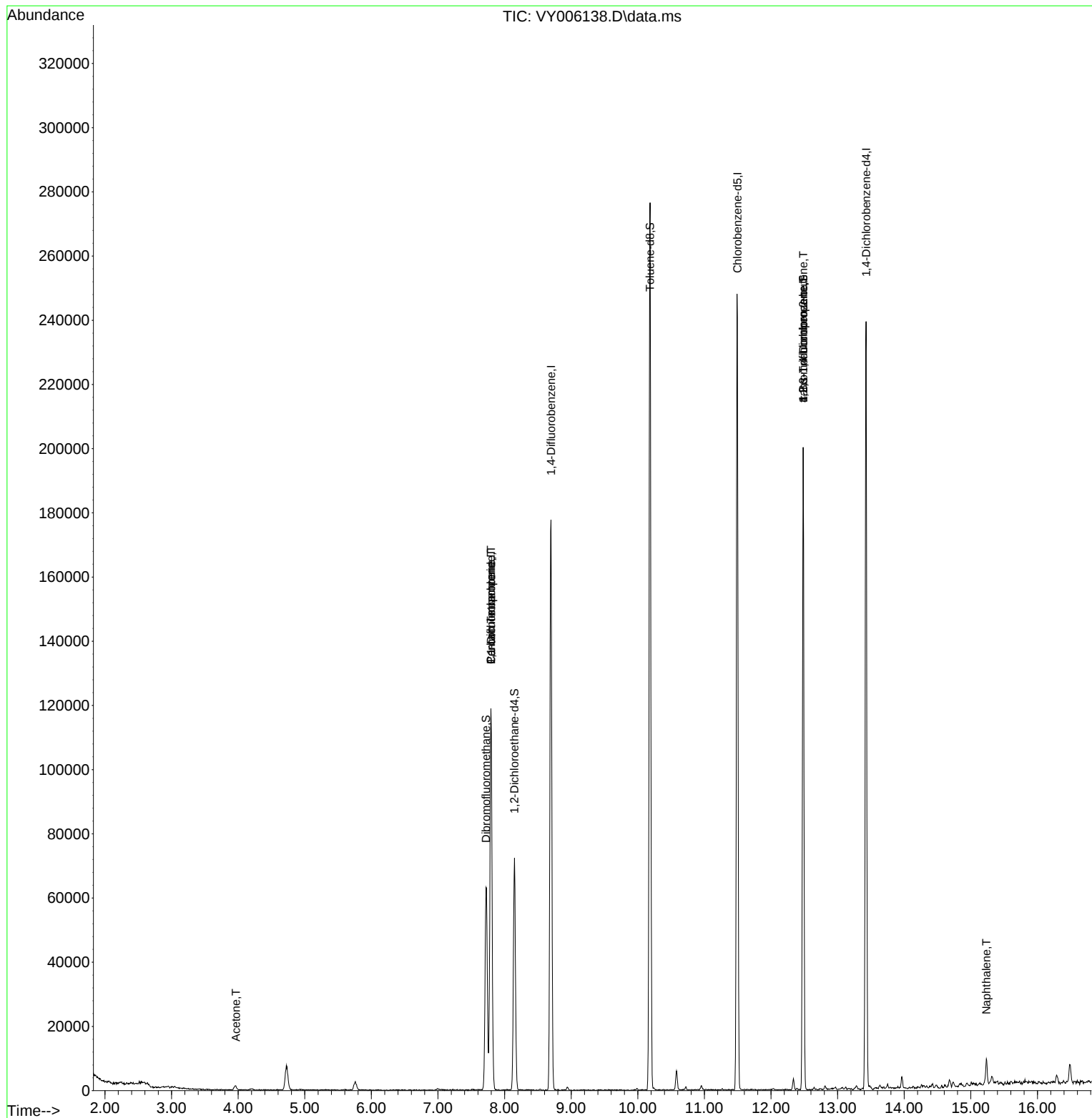
Internal Standards						
1) Pentafluorobenzene	7.795	168	94798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	146722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	132138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58818	44.667	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.340%		
35) Dibromofluoromethane	7.722	113	42483	46.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.240%		
50) Toluene-d8	10.185	98	182240	46.920	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.840%		
62) 4-Bromofluorobenzene	12.483	95	53236	40.370	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.740%		
Target Compounds						
11) Tert butyl alcohol	4.930	59	59	Below Cal	#	77
16) Acetone	3.966	43	2335	6.465	ug/l	97
20) Methylene Chloride	4.722	84	5171	Below Cal	#	88
36) 1,1-Dichloropropene	7.795	75	6887	4.349	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	9004	5.223	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	30199	46.672	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	30199	85.807	ug/l	# 7
95) Naphthalene	15.233	128	6029	2.486	ug/l	99

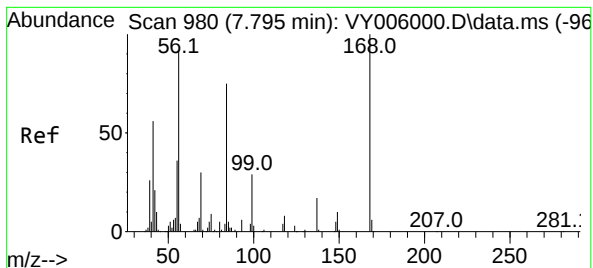
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY006138.D

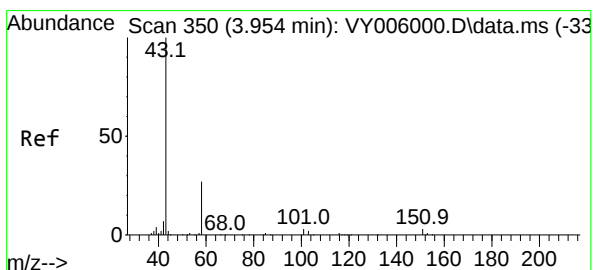
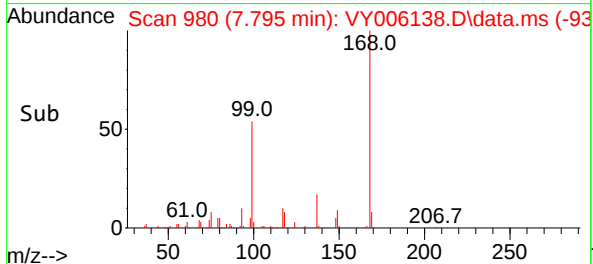
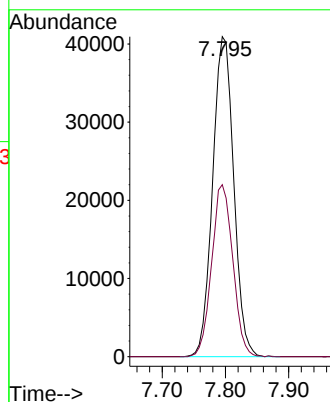
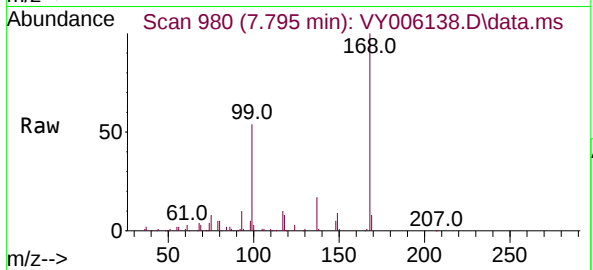
Acq: 24 Sep 2021 15:09

Tgt Ion:168 Resp: 94798

Ion Ratio Lower Upper

168 100

99 53.8 46.9 70.3



#16

Acetone

Concen: 6.465 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY006138.D

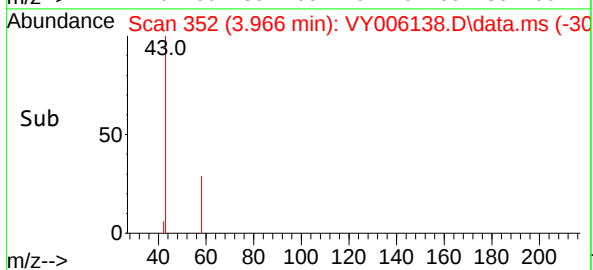
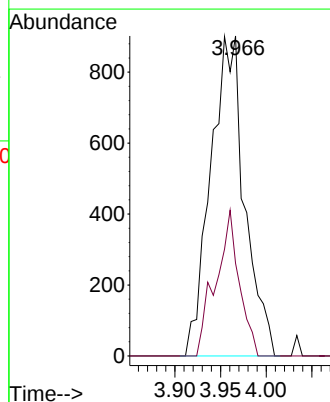
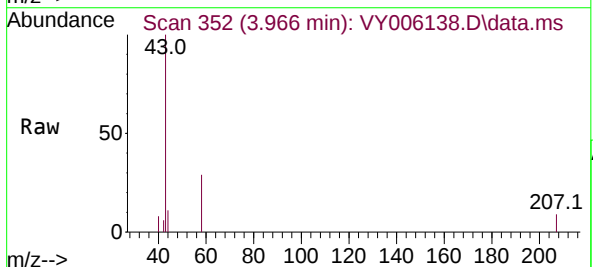
Acq: 24 Sep 2021 15:09

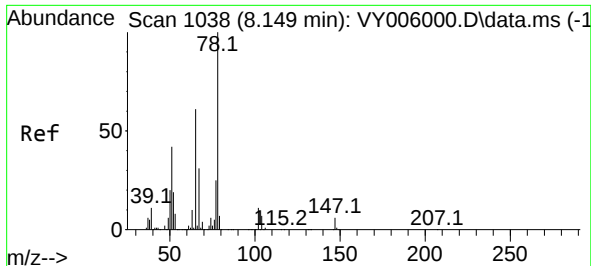
Tgt Ion: 43 Resp: 2335

Ion Ratio Lower Upper

43 100

58 28.9 22.0 33.0



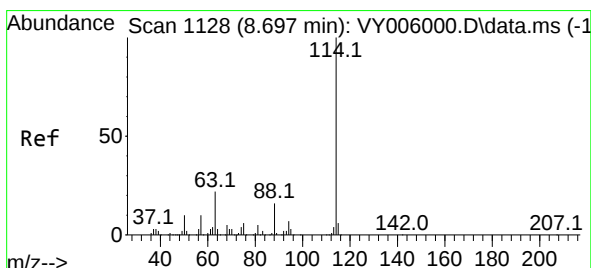
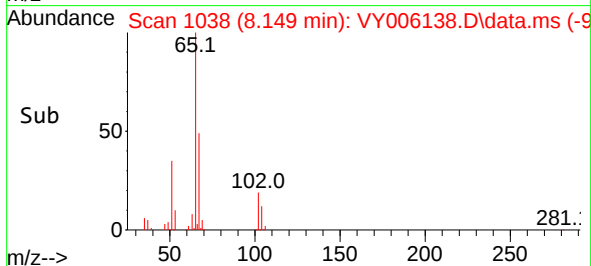
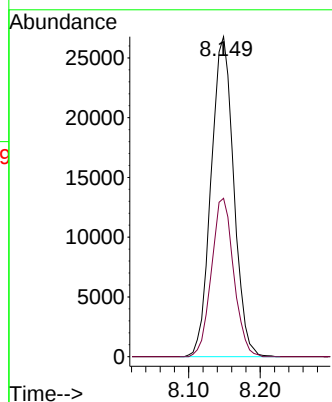
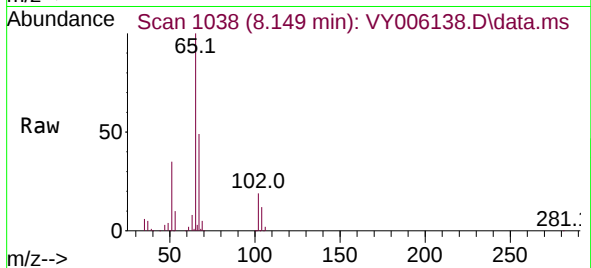


#33

1,2-Dichloroethane-d4
Concen: 44.667 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

Instrument :
MSVOA_Y
ClientSampled :
TP-6

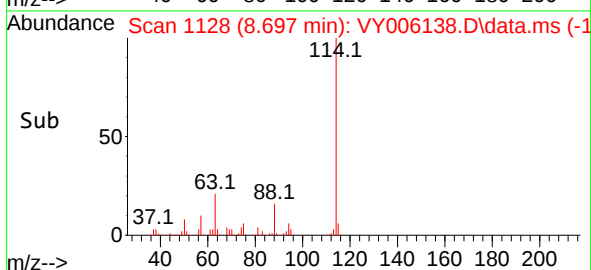
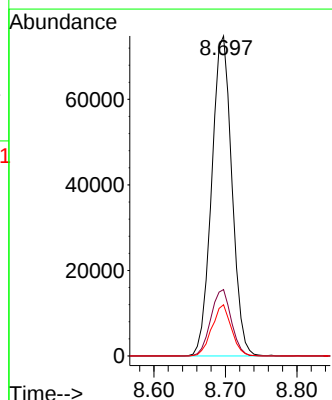
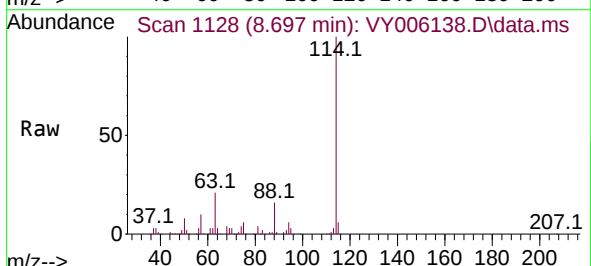
Tgt Ion: 65 Resp: 58818
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.4

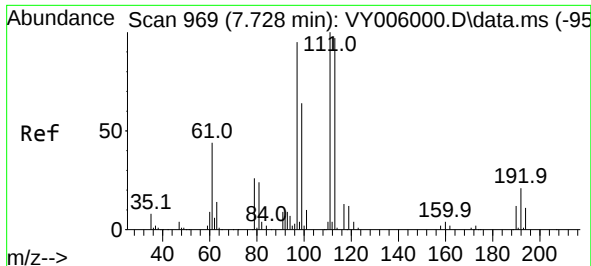


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

Tgt Ion: 114 Resp: 146722
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 16.0 0.0 31.8

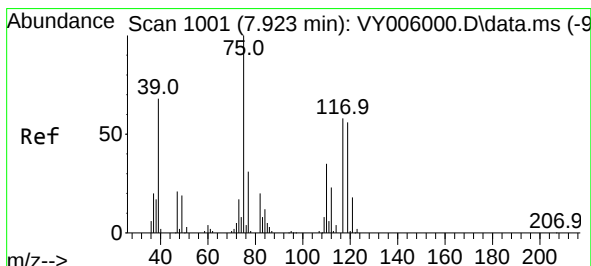
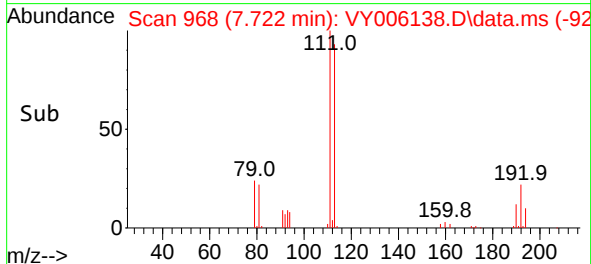
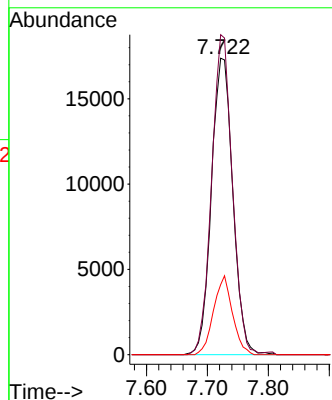
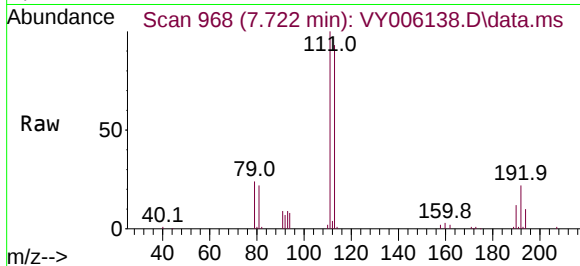




#35
Dibromofluoromethane
Concen: 46.617 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

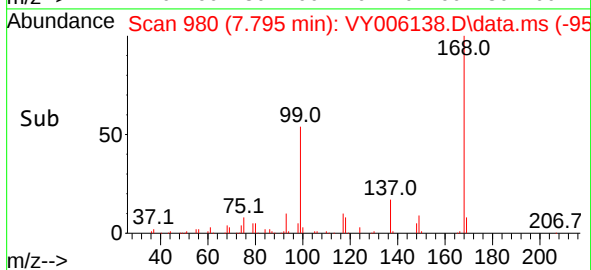
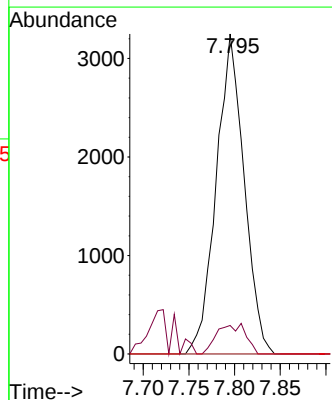
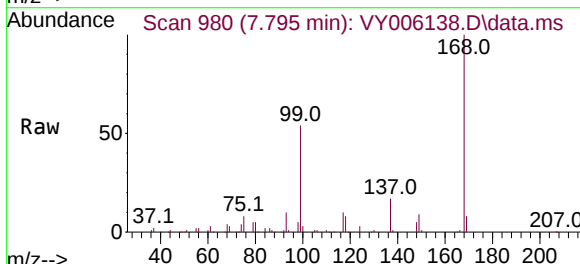
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

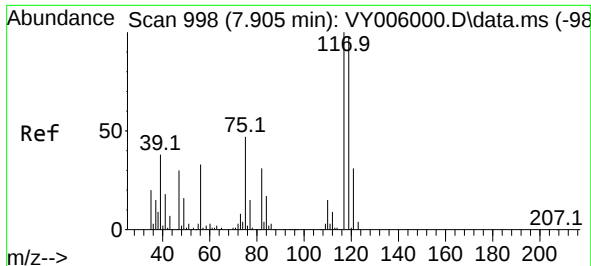
Tgt Ion:	113	Resp:	42483
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	23.4	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

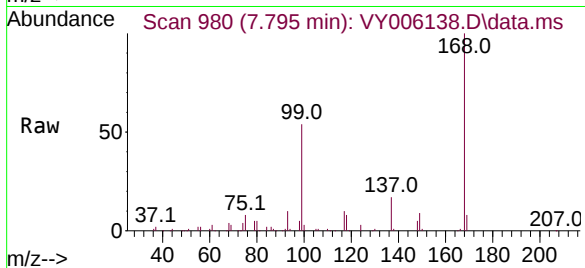
Tgt Ion:	75	Resp:	6887
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.1	51.2#
77	0.0	24.4	36.6#



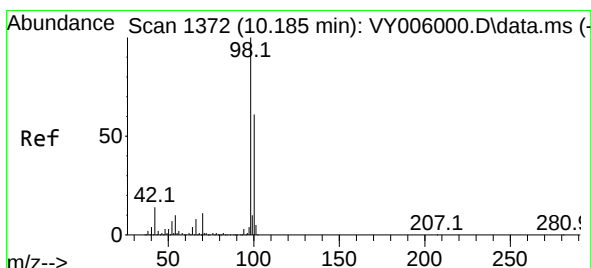
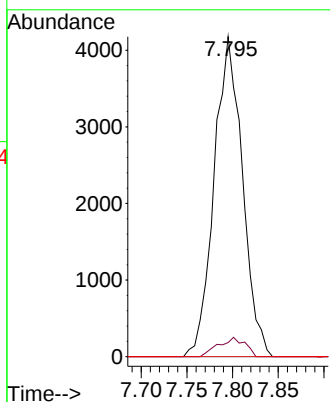
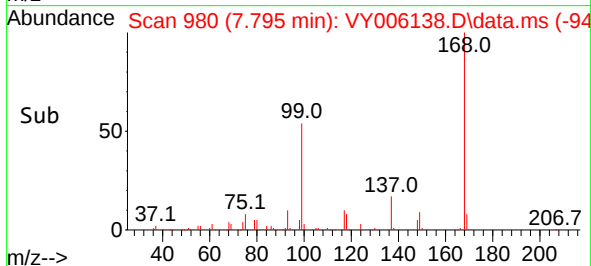


#38
Carbon Tetrachloride
Concen: 5.223 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

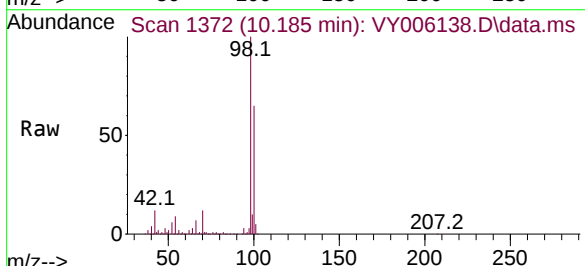
Instrument :
MSVOA_Y
ClientSampled :
TP-6



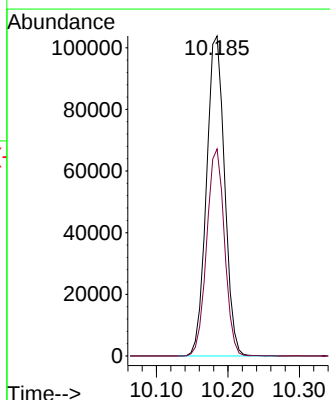
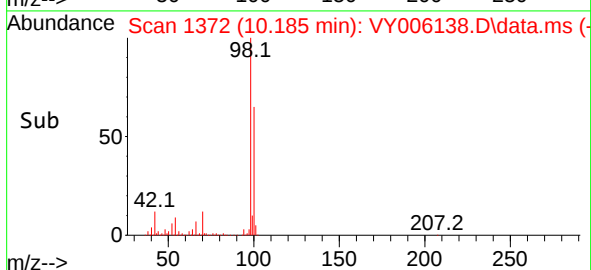
Tgt Ion: 117 Resp: 9004
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#

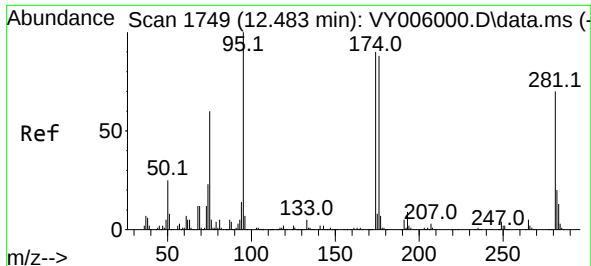


#50
Toluene-d8
Concen: 46.920 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09



Tgt Ion: 98 Resp: 182240
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

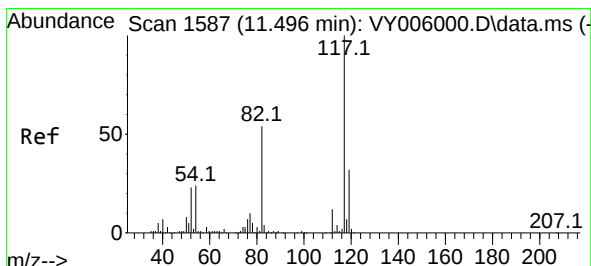
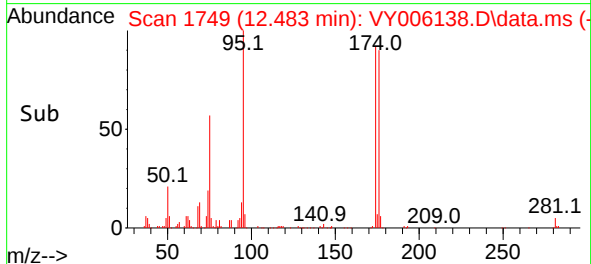
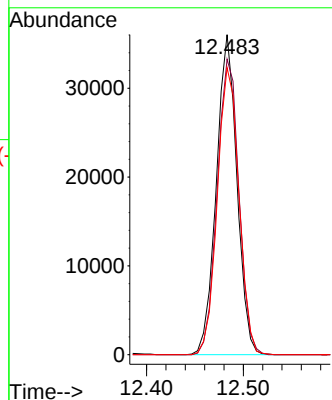
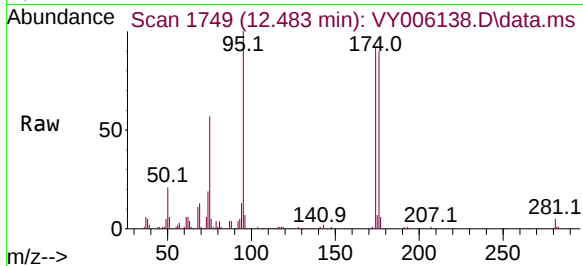




#62
4-Bromofluorobenzene
Concen: 40.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

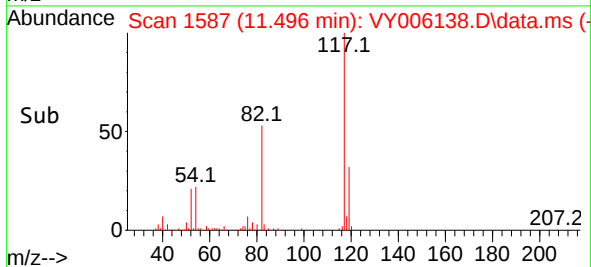
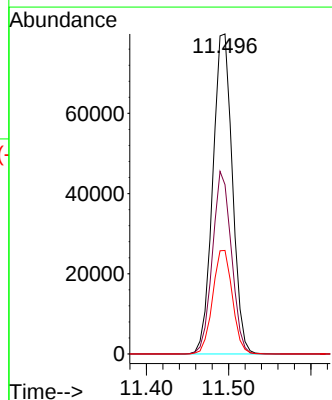
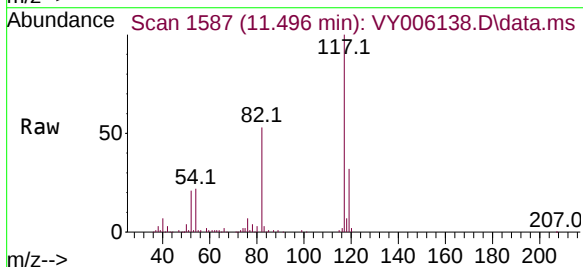
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ClientSampleId :
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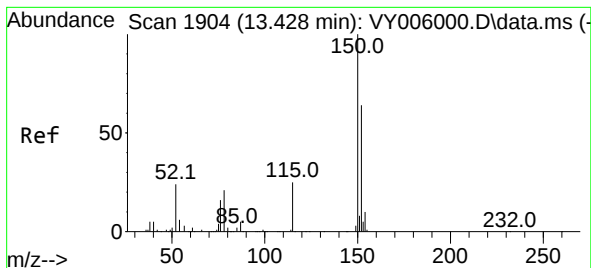
Tgt Ion:	95	Resp:	53236
Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	177.0
176	93.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

Tgt Ion:	117	Resp:	132138
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.4
119	32.4	25.4	38.0

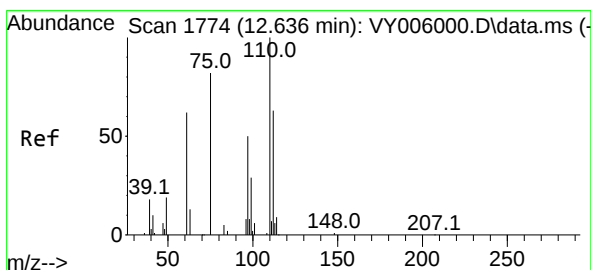
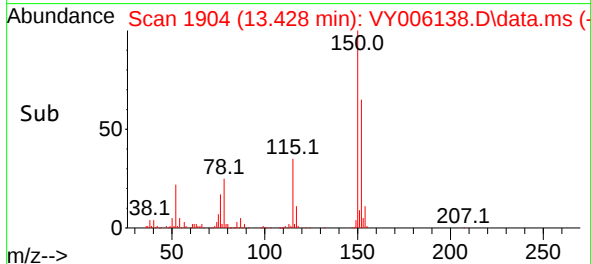
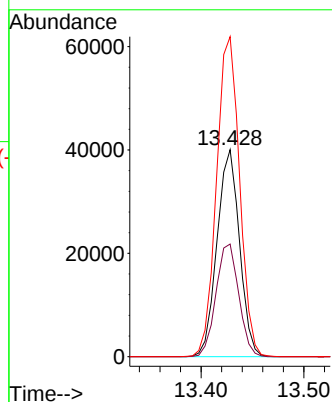
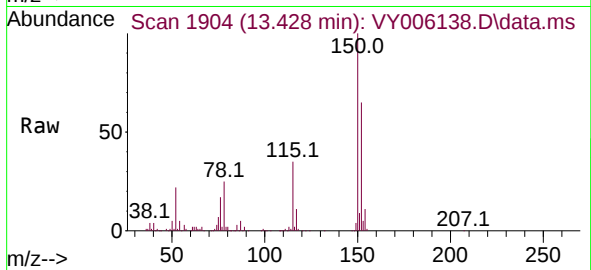




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006138.D
 Acq: 24 Sep 2021 15:09

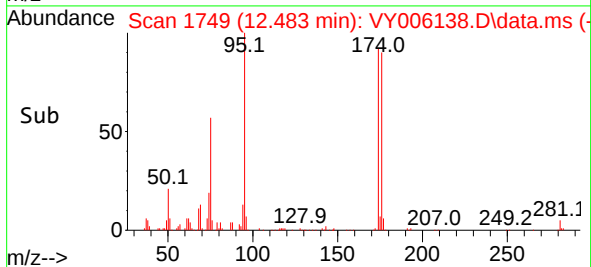
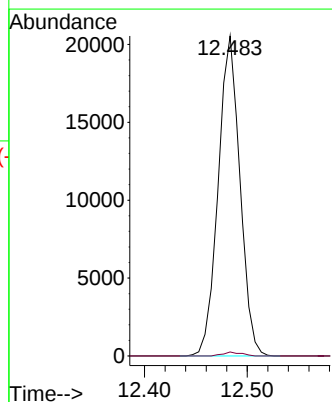
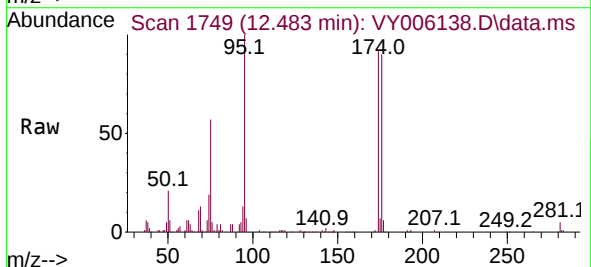
Instrument :
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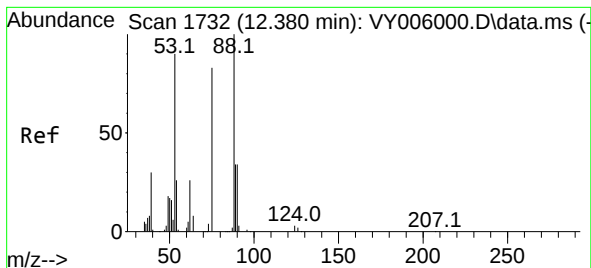
Tgt Ion:152 Resp: 60688
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 158.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.672 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006138.D
 Acq: 24 Sep 2021 15:09

Tgt Ion: 75 Resp: 30199
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

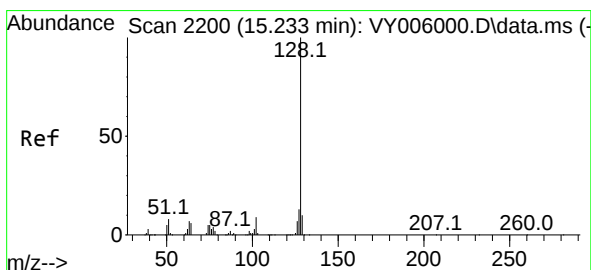
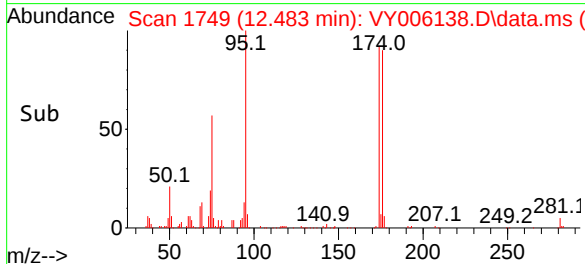
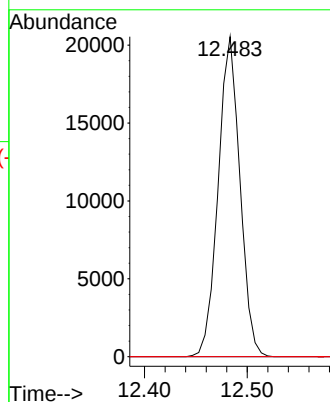
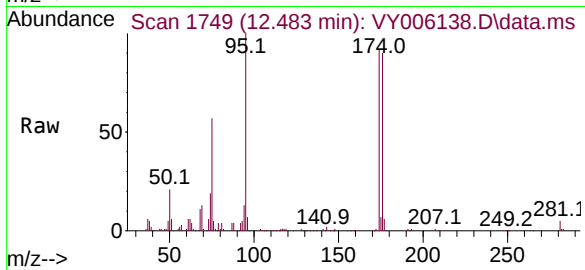




#81
trans-1,4-Dichloro-2-butene
Concen: 85.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

Instrument :
MSVOA_Y
ClientSampled :
TP-6

Tgt Ion: 75 Resp: 30199
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.486 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

Tgt Ion: 128 Resp: 6029
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 10.8 8.4 12.6

