

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005741.D
 Acq On : 18 Aug 2021 15:45
 Operator : SY/MD
 Sample : M3428-04
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:17:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

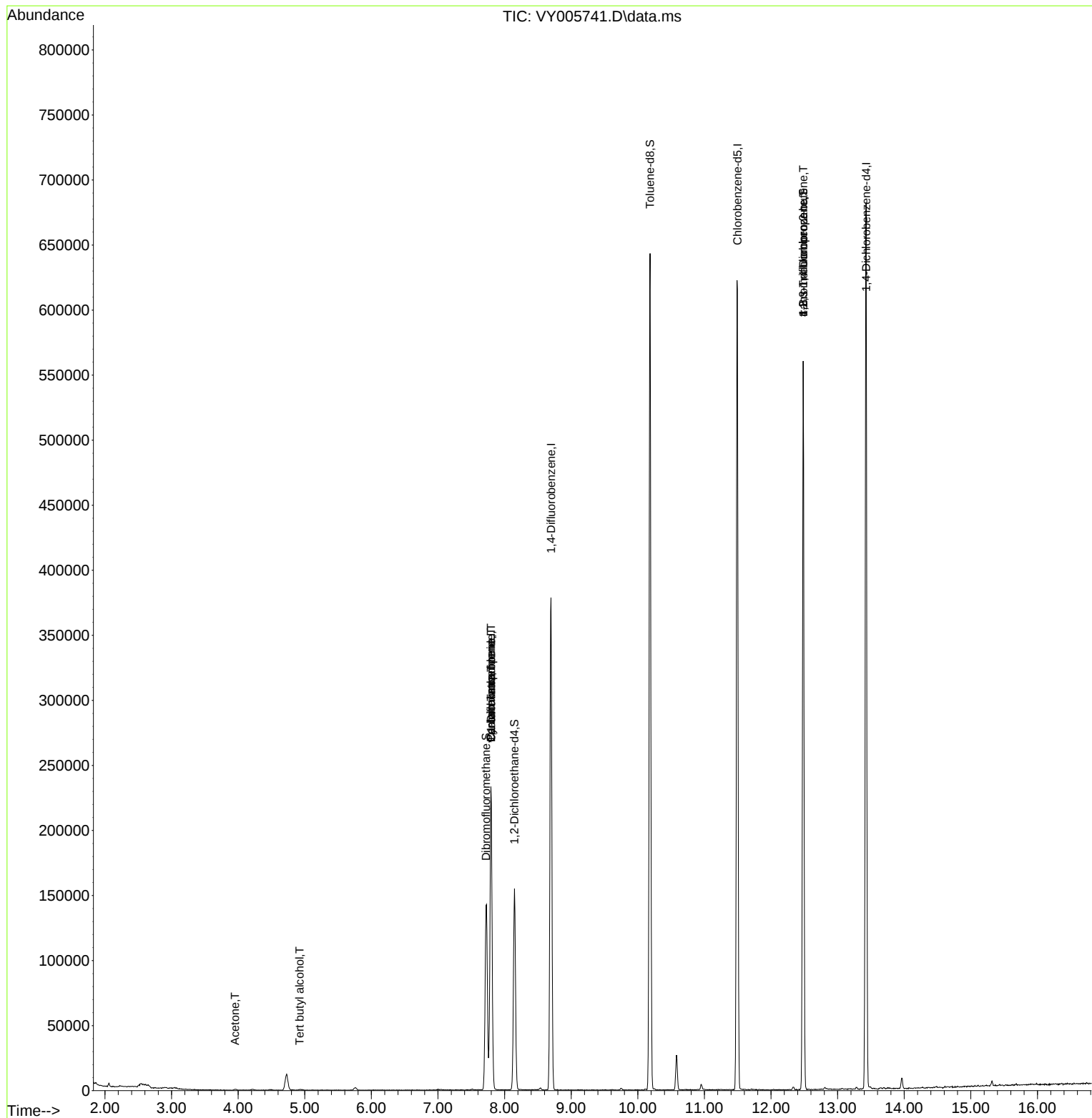
Internal Standards						
1) Pentafluorobenzene	7.795	168	184579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	318810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	336133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123882	66.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.600%	
35) Dibromofluoromethane	7.722	113	98571	55.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.440%	
50) Toluene-d8	10.185	98	414261	55.339	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.680%	
62) 4-Bromofluorobenzene	12.483	95	149406	60.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	305	1.651	ug/l #	73
16) Acetone	3.954	43	1240	2.632	ug/l	91
20) Methylene Chloride	4.722	84	9012	Below Cal		91
31) Cyclohexane	7.795	56	3770	1.176	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	13456	4.500	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16909	5.203	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	83482	46.080	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83482	92.890	ug/l #	11

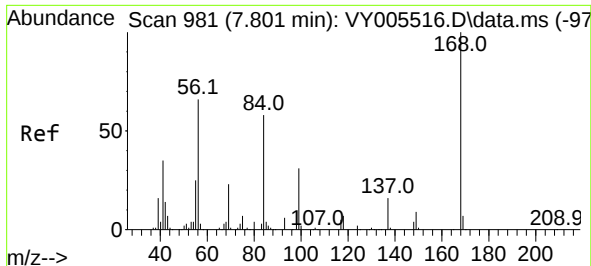
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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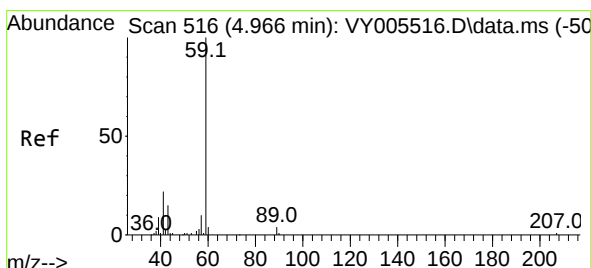
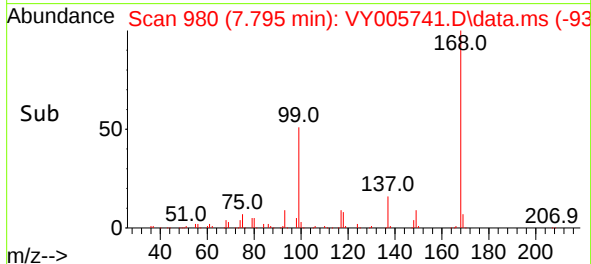
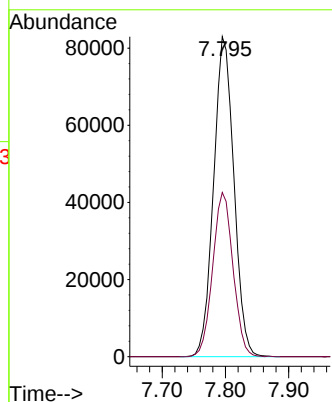
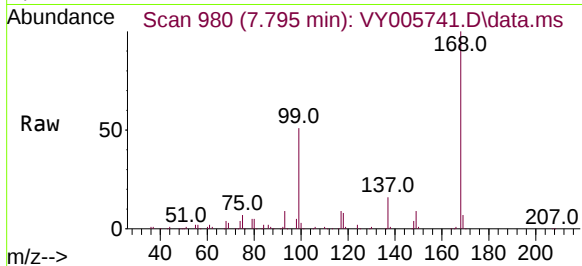




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

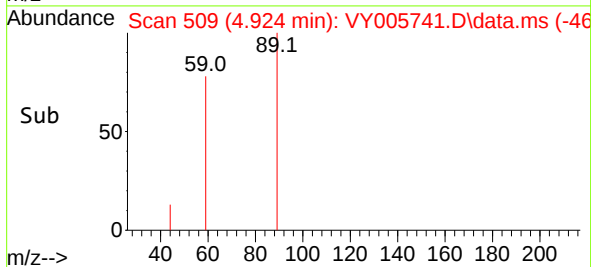
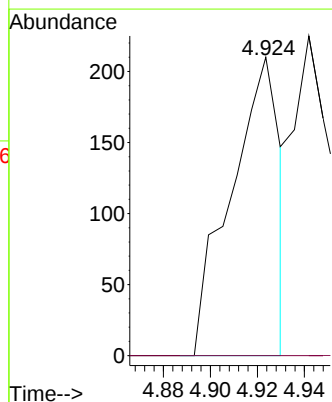
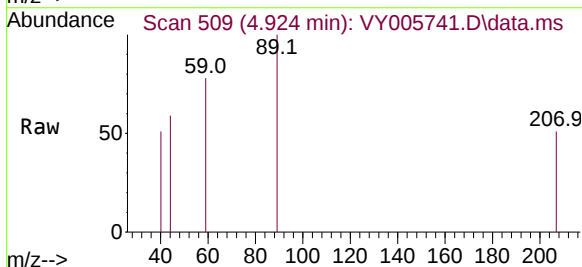
Instrument :
MSVOA_Y
ClientSampleId :

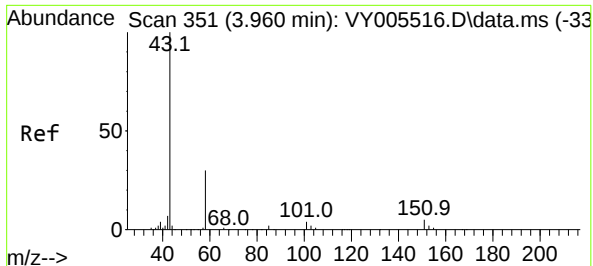
Tgt Ion:168 Resp: 184579
Ion Ratio Lower Upper
168 100
99 51.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.651 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.043 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

Tgt Ion: 59 Resp: 305
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

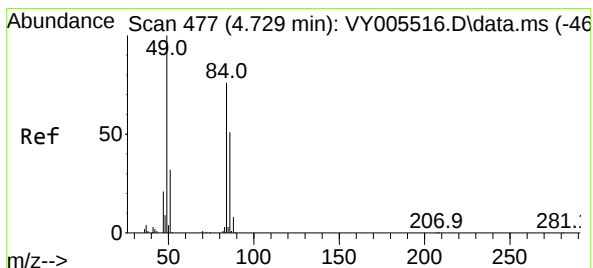
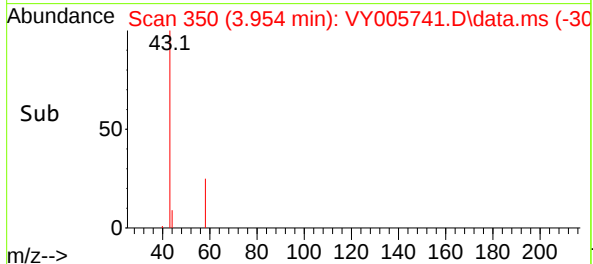
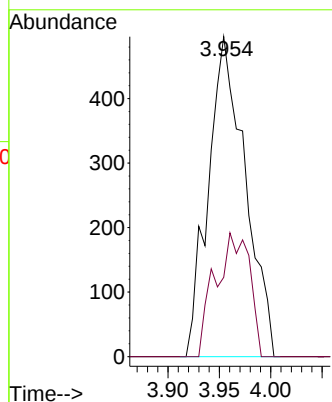
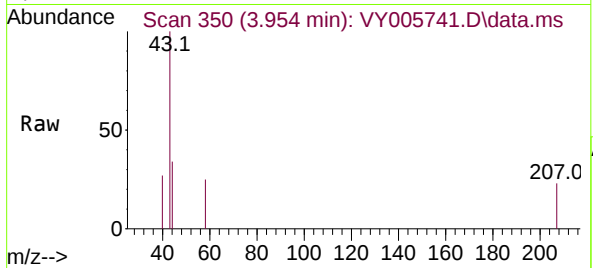




#16
Acetone
Concen: 2.632 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

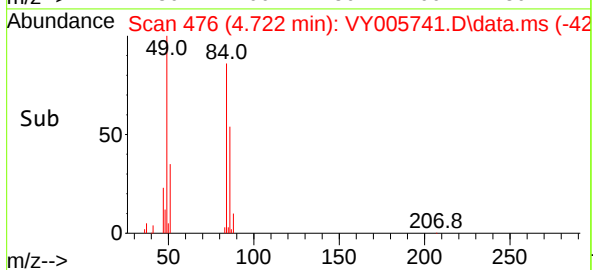
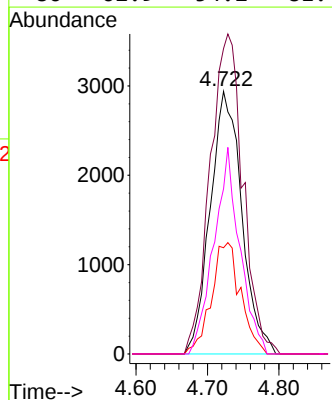
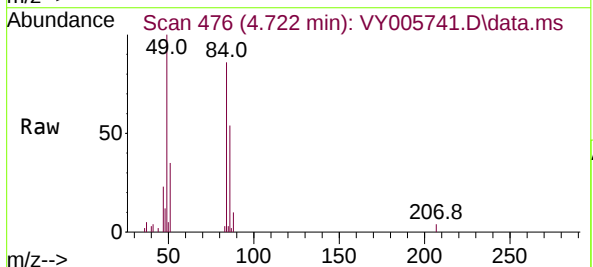
Instrument :
MSVOA_Y
ClientSampled :

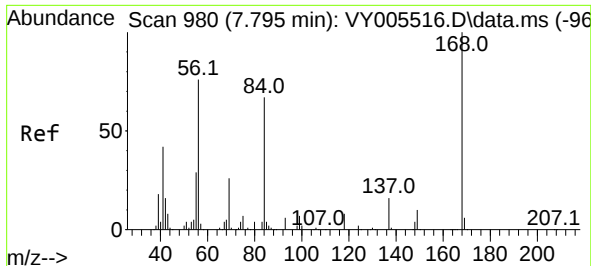
Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 24.8 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

Tgt Ion: 84 Resp: 9012
Ion Ratio Lower Upper
84 100
49 116.3 105.8 158.6
51 40.4 33.4 50.2
86 62.9 54.2 81.4

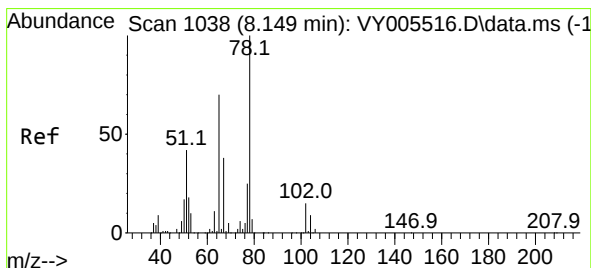
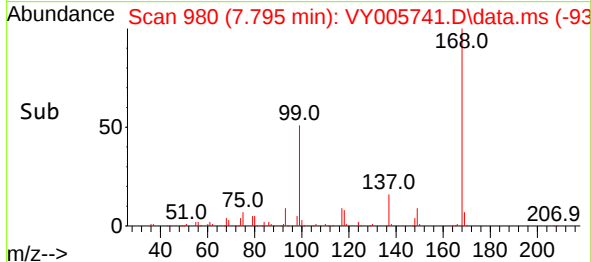
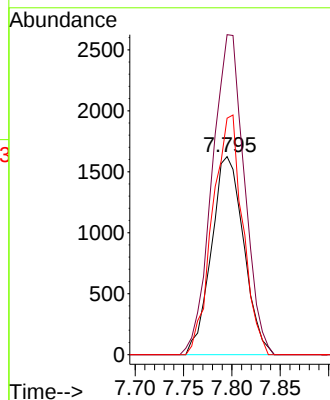
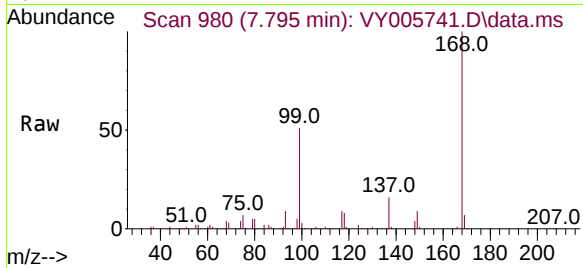




#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

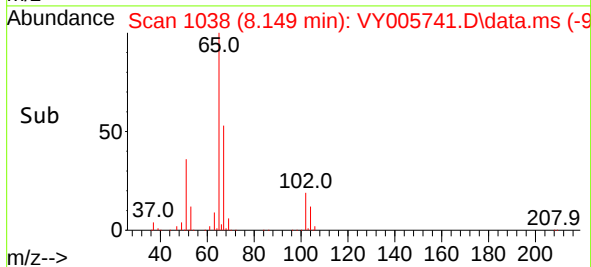
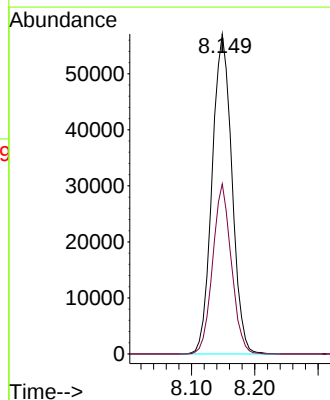
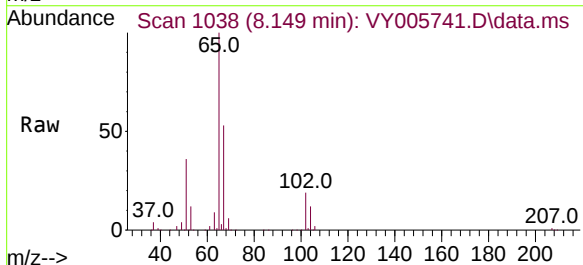
Instrument :
MSVOA_Y
ClientSampled :

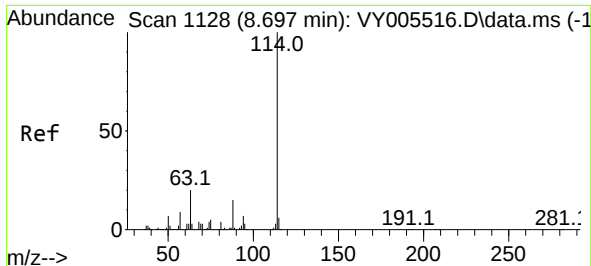
Tgt Ion: 56 Resp: 3770
Ion Ratio Lower Upper
56 100
69 161.6 27.7 41.5#
84 119.4 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 66.304 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

Tgt Ion: 65 Resp: 123882
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005741.D

Acq: 18 Aug 2021 15:45

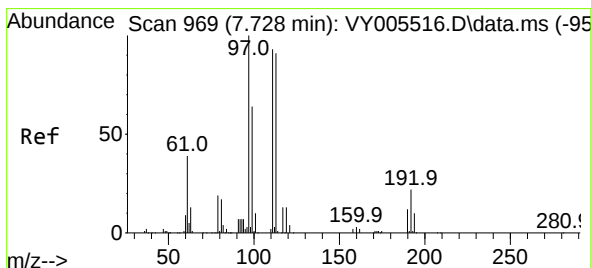
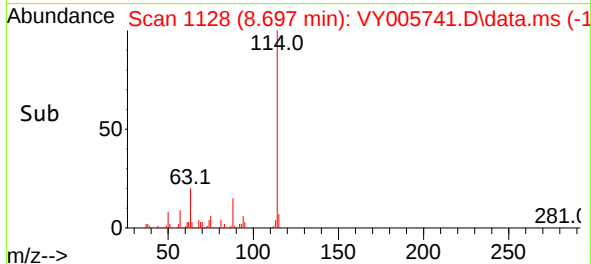
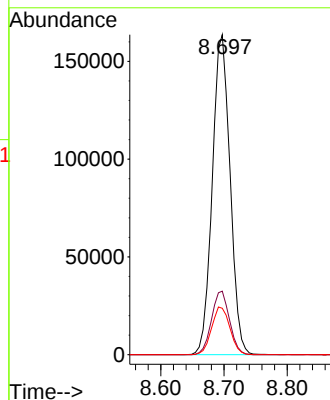
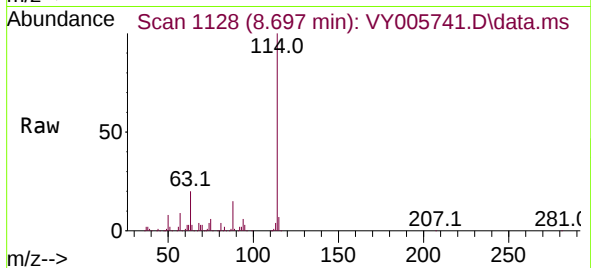
Tgt Ion:114 Resp: 318810

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 14.5 0.0 30.8



#35

Dibromofluoromethane

Concen: 55.224 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005741.D

Acq: 18 Aug 2021 15:45

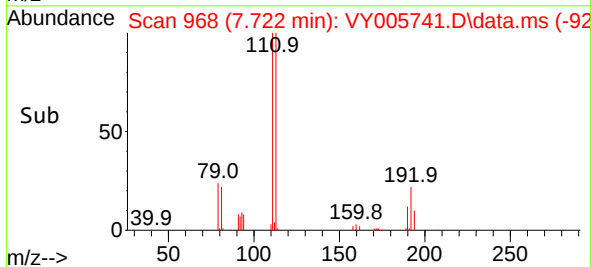
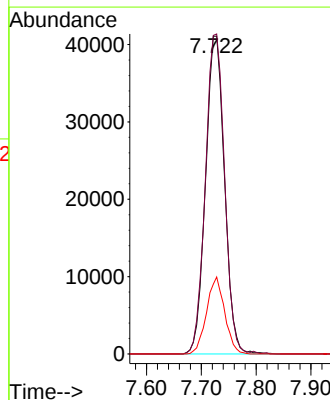
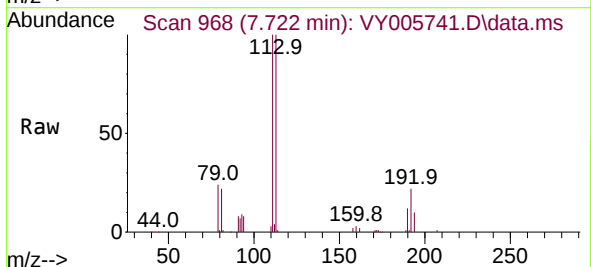
Tgt Ion:113 Resp: 98571

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 23.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.500 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005741.D

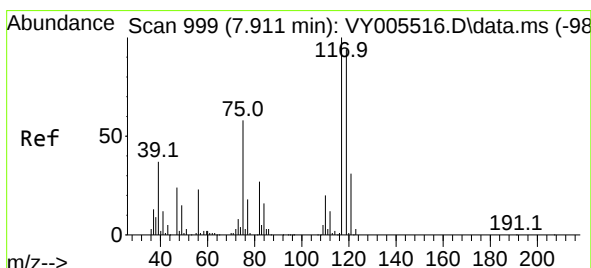
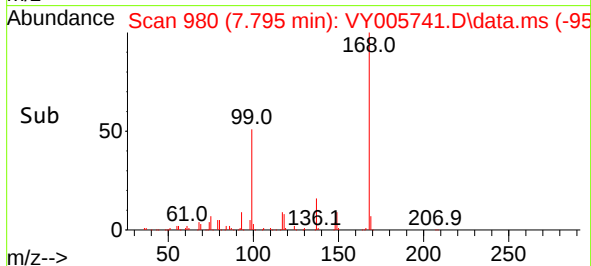
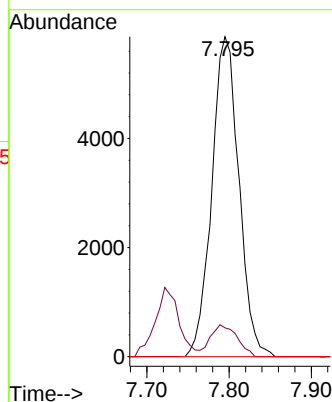
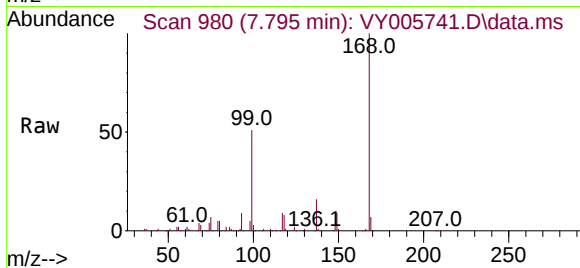
Acq: 18 Aug 2021 15:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 13456
Ion Ratio	Lower Upper
75 100	
110 9.7	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.203 ug/l

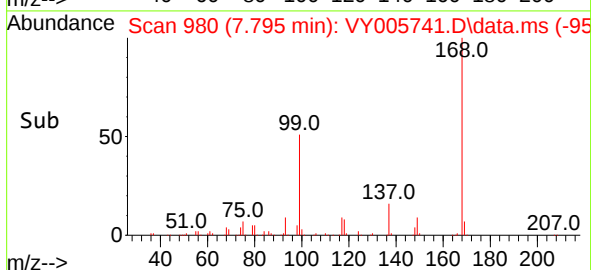
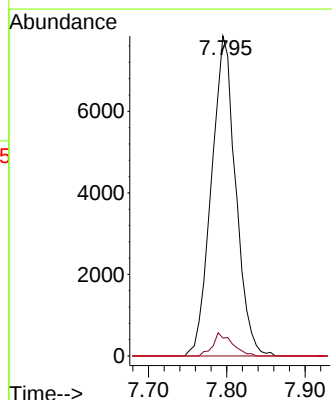
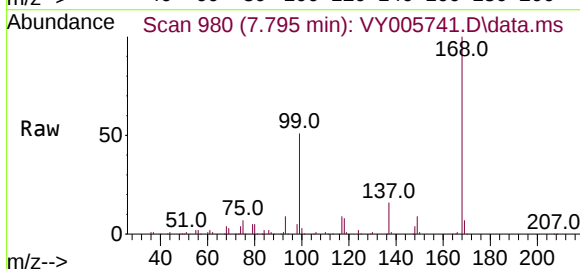
RT: 7.795 min Scan# 980

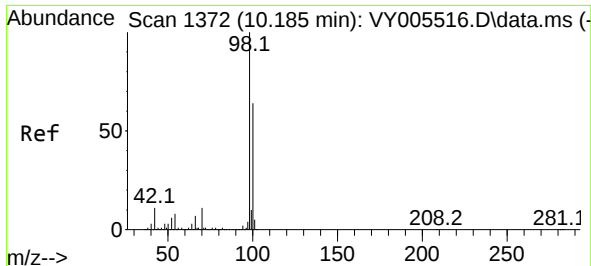
Delta R.T. -0.116 min

Lab File: VY005741.D

Acq: 18 Aug 2021 15:45

Tgt Ion: 117	Resp: 16909
Ion Ratio	Lower Upper
117 100	
119 5.6	75.4 113.0#
121 0.0	25.1 37.7#

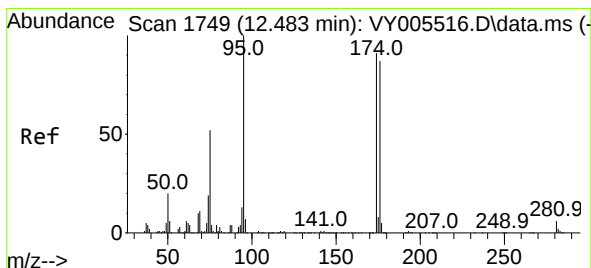
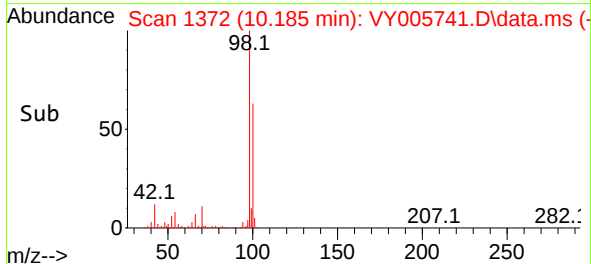
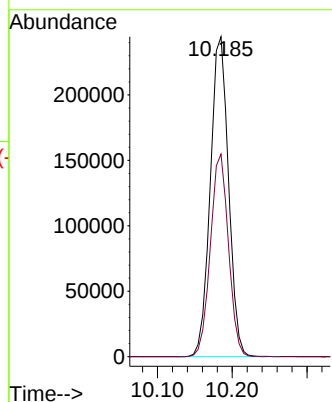
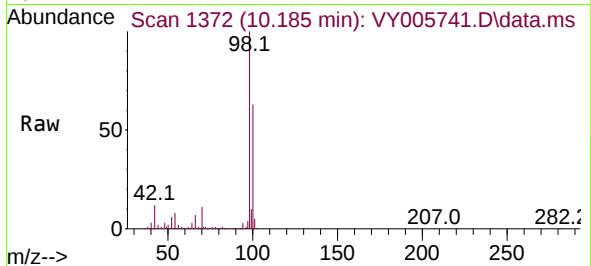




#50
Toluene-d8
Concen: 55.339 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

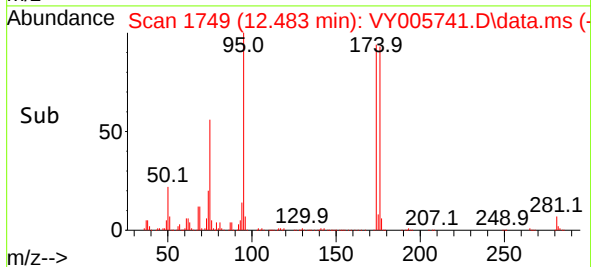
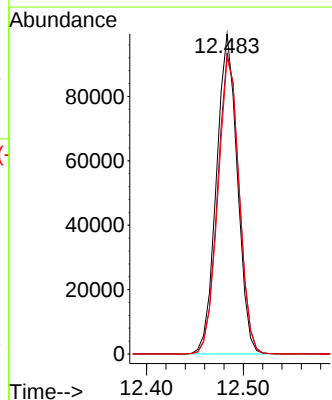
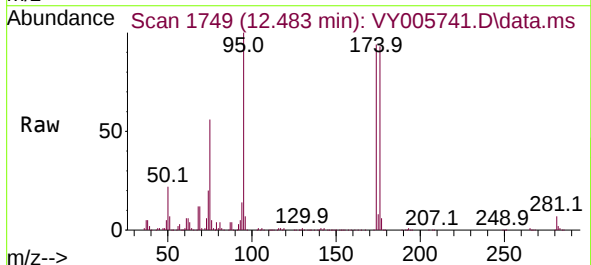
Instrument :
MSVOA_Y
ClientSampled :

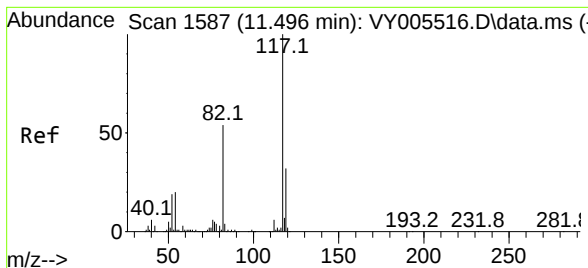
Tgt Ion: 98 Resp: 414261
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 60.270 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

Tgt Ion: 95 Resp: 149406
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.4
176 93.7 0.0 183.6

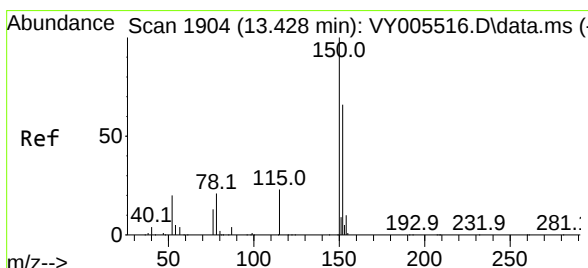
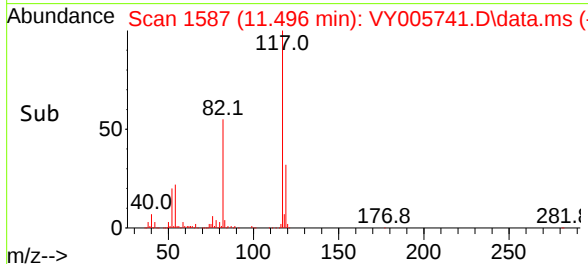
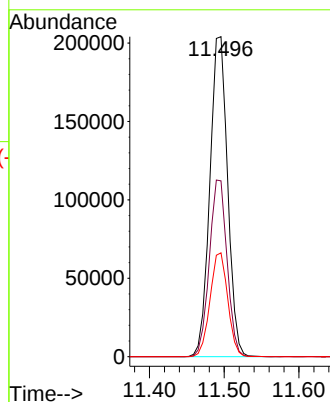
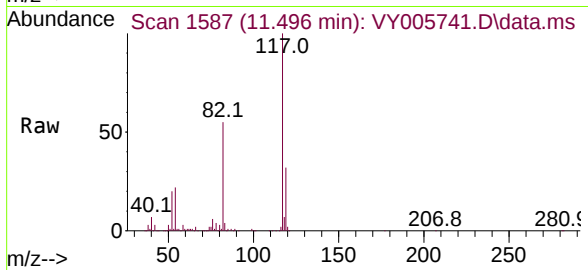




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

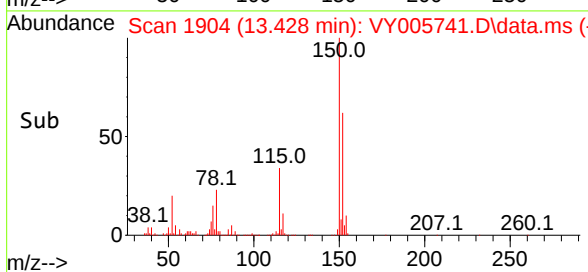
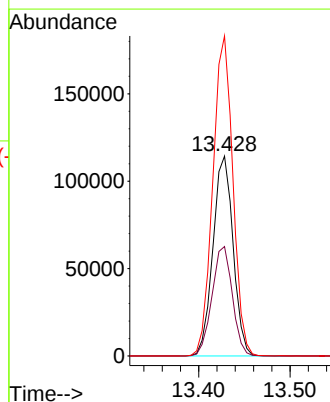
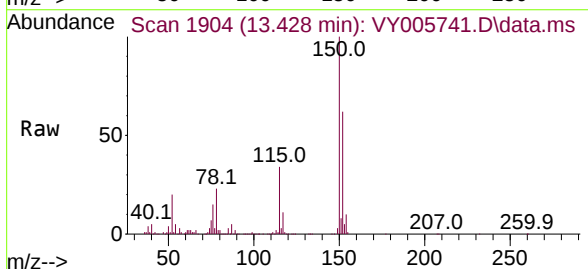
Instrument :
MSVOA_Y
ClientSampleId :

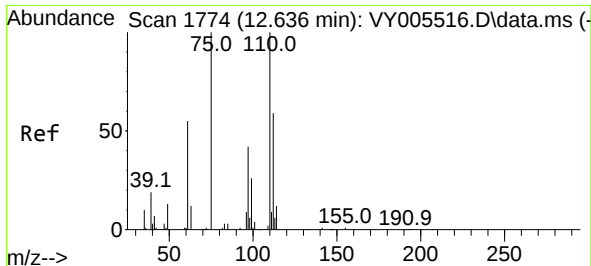
Tgt Ion:117 Resp: 336133
Ion Ratio Lower Upper
117 100
82 54.9 43.5 65.3
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

Tgt Ion:152 Resp: 174825
Ion Ratio Lower Upper
152 100
115 55.3 27.3 81.9
150 159.2 0.0 350.2

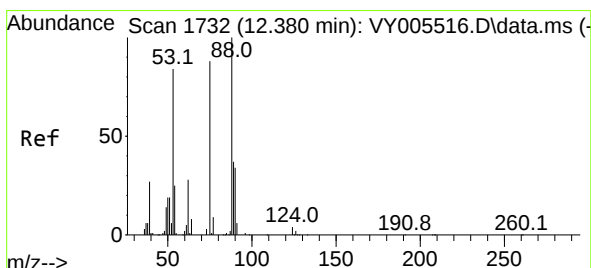
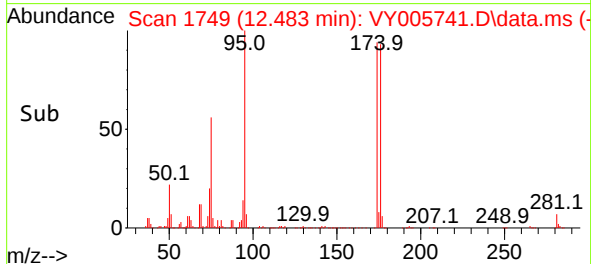
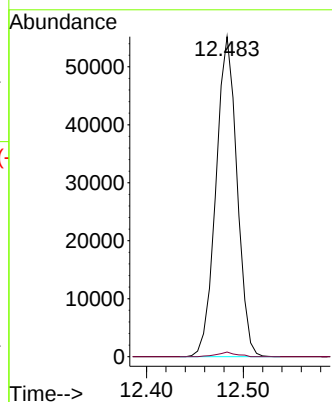
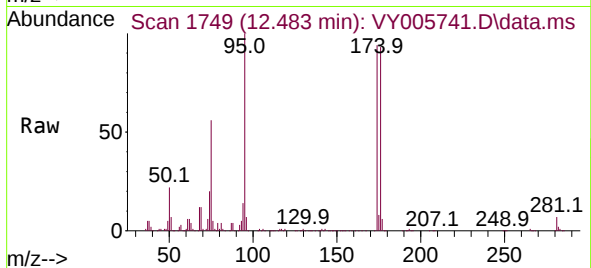




#76
1,2,3-Trichloropropane
Concen: 46.080 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 83482
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.890 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005741.D
Acq: 18 Aug 2021 15:45

Tgt Ion: 75 Resp: 83482
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

