

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005016.D
 Acq On : 08 Jun 2021 12:44
 Operator : SY/MD
 Sample : M2626-02RE
 Misc : 6.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:48:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

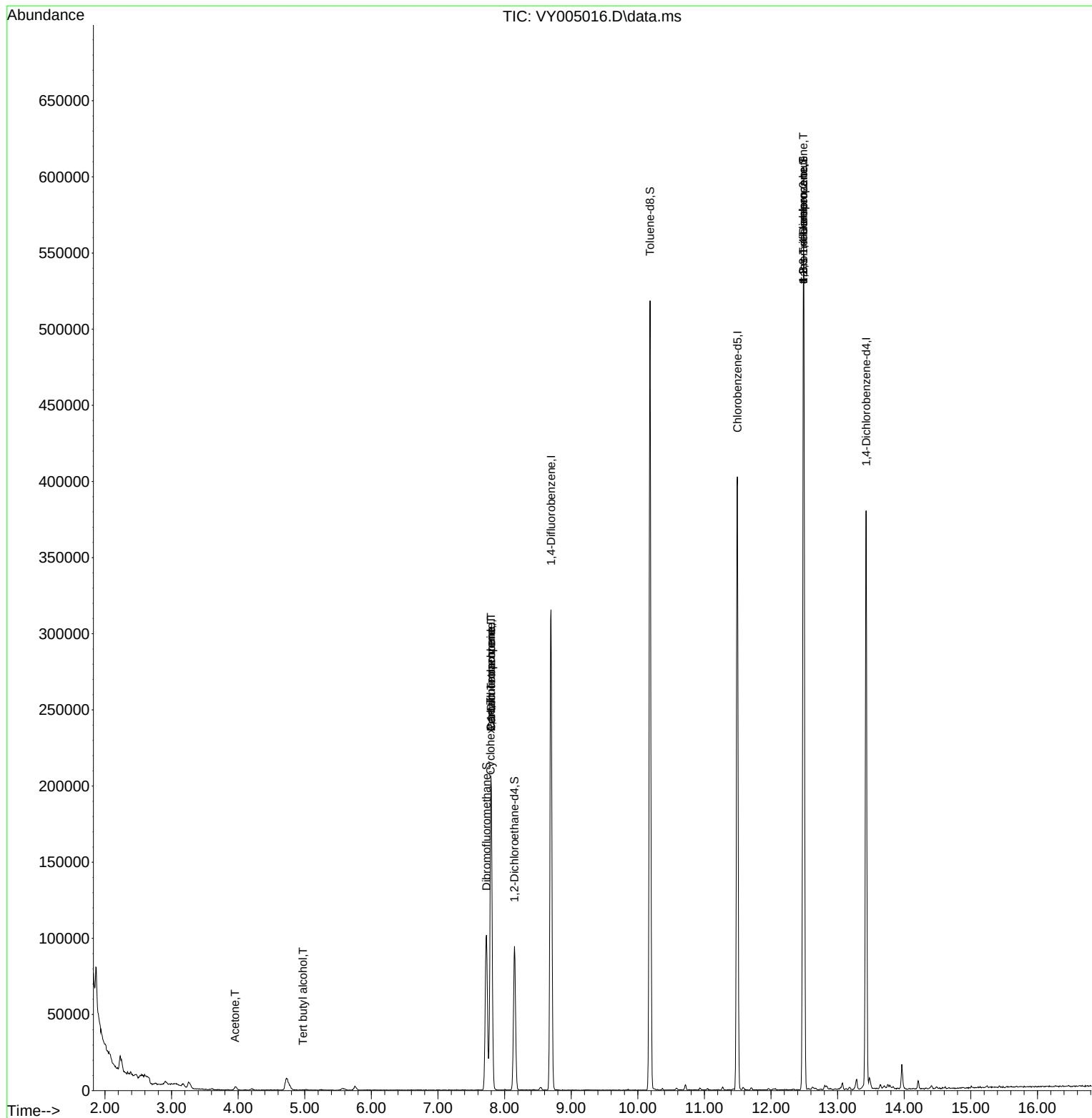
Internal Standards						
1) Pentafluorobenzene	7.795	168	156134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	266277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	222228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70385	42.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.280%
35) Dibromofluoromethane	7.728	113	73698	51.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.880%
50) Toluene-d8	10.185	98	325956	54.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.560%
62) 4-Bromofluorobenzene	12.483	95	90411	44.184	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	341	1.796	ug/l #	74
16) Acetone	3.954	43	4021	10.120	ug/l #	88
20) Methylene Chloride	4.722	84	5667	Below Cal		96
31) Cyclohexane	7.789	56	3630	1.249	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12760	4.896	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16221	7.152	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50685	49.401	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50685	90.789	ug/l #	16

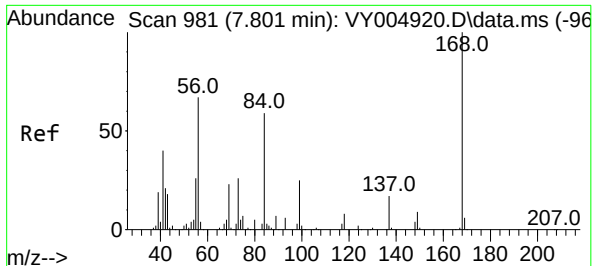
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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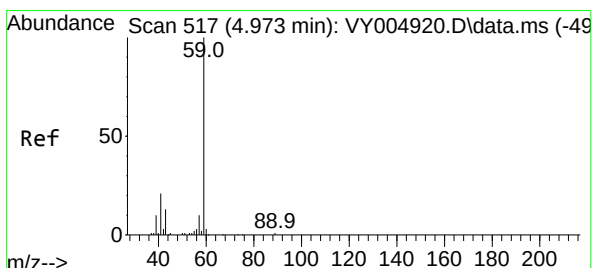
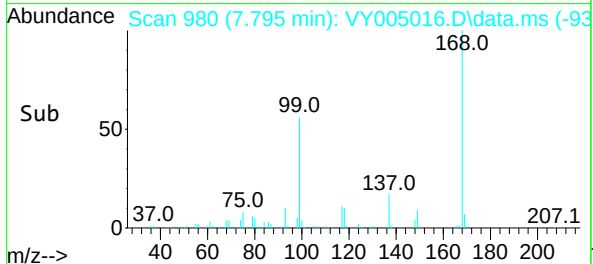
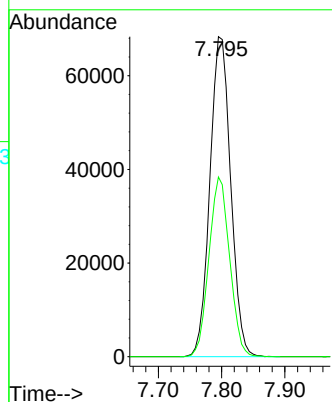
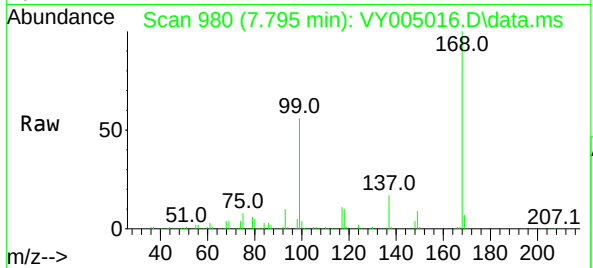




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

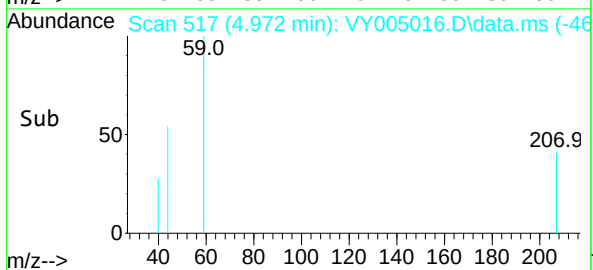
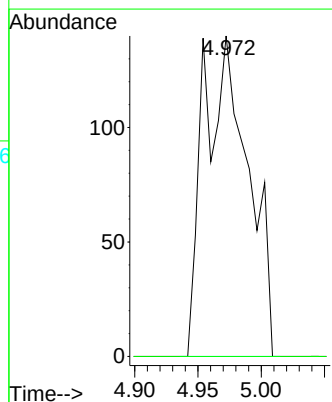
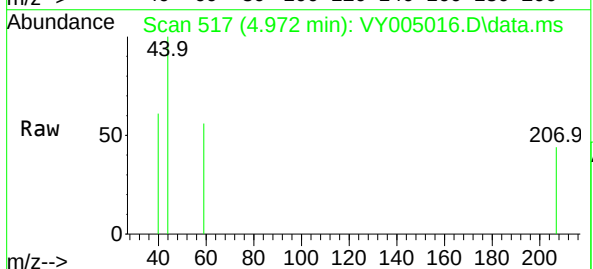
Instrument :
MSVOA_Y
ClientSampleId :

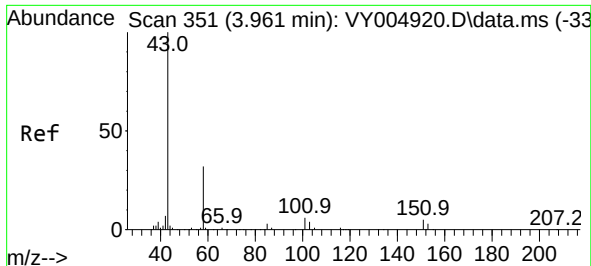
Tgt Ion:168 Resp: 156134
Ion Ratio Lower Upper
168 100
99 56.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.796 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

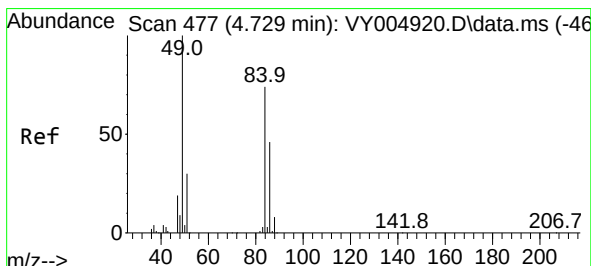
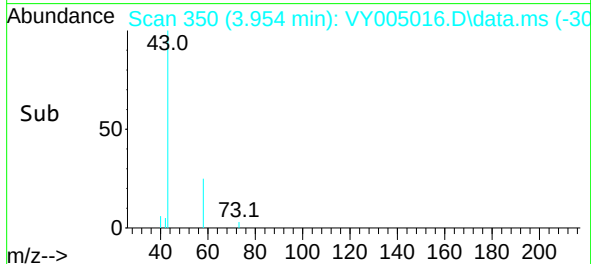
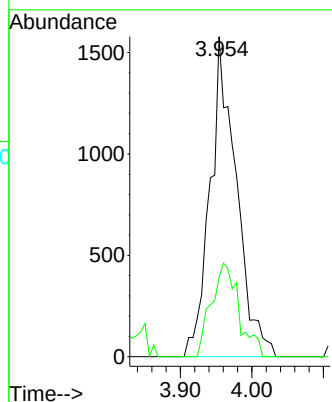
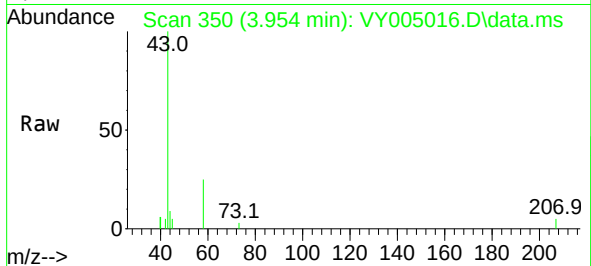




#16
Acetone
Concen: 10.120 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

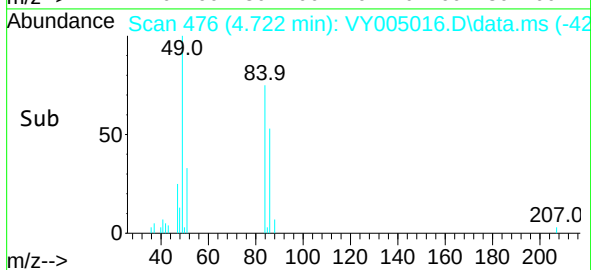
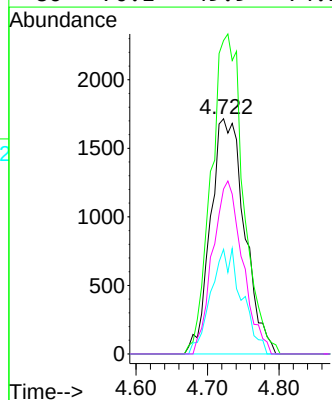
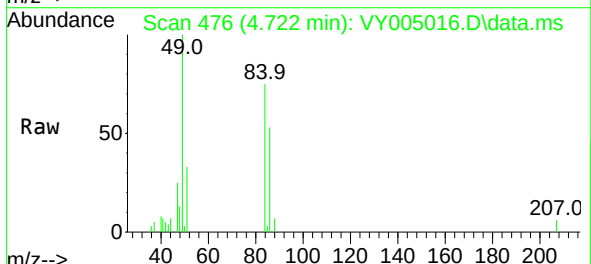
Instrument :
MSVOA_Y
ClientSampled :

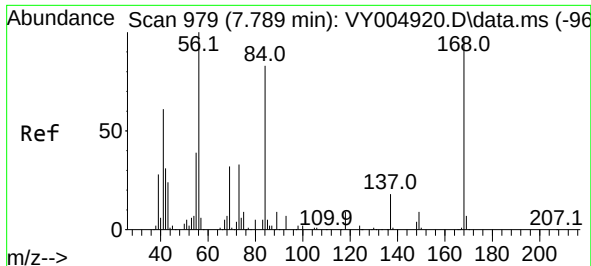
Tgt Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
58 24.7 25.3 37.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

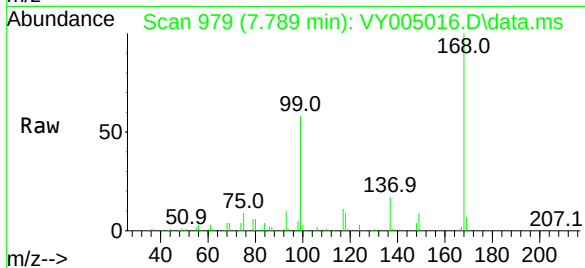
Tgt Ion: 84 Resp: 5667
Ion Ratio Lower Upper
84 100
49 133.2 108.0 162.0
51 44.5 32.6 48.8
86 70.1 49.9 74.9



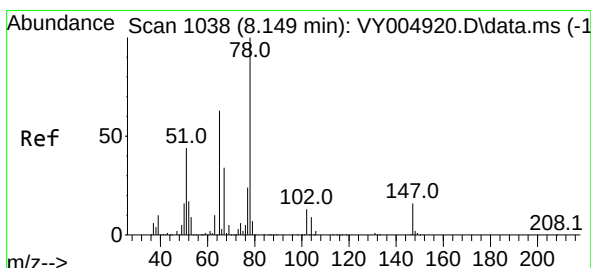
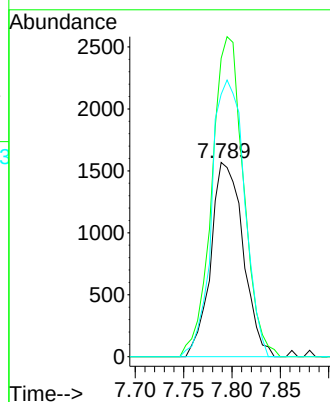
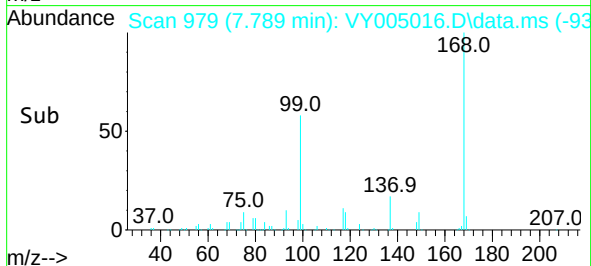


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

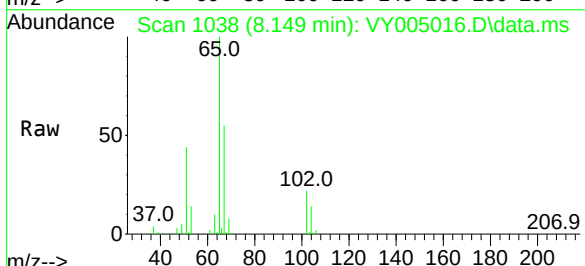
Instrument :
MSVOA_Y
ClientSampleId :



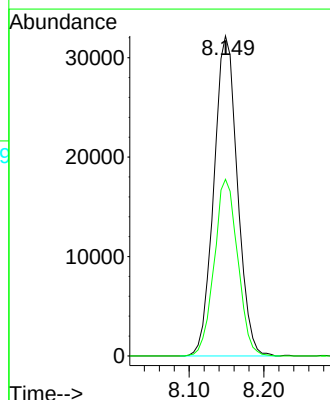
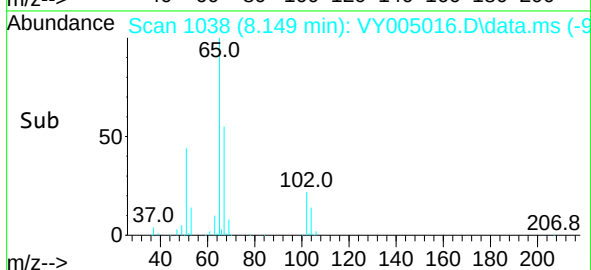
Tgt Ion: 56 Resp: 3630
Ion Ratio Lower Upper
56 100
69 153.6 25.3 37.9#
84 135.1 66.2 99.4#

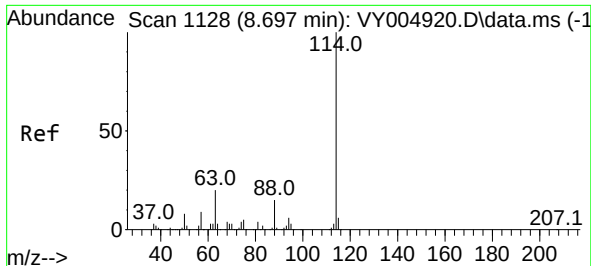


#33
1,2-Dichloroethane-d4
Concen: 42.642 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44



Tgt Ion: 65 Resp: 70385
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005016.D

Acq: 08 Jun 2021 12:44

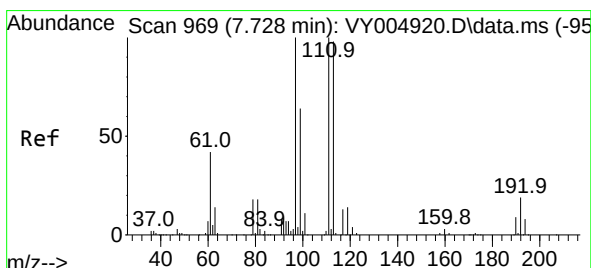
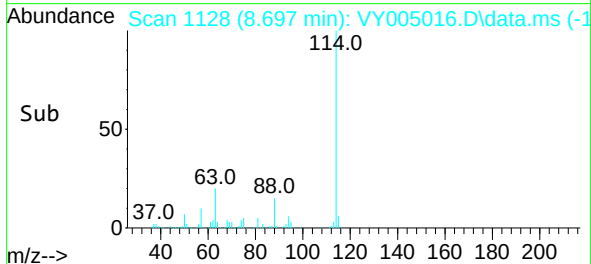
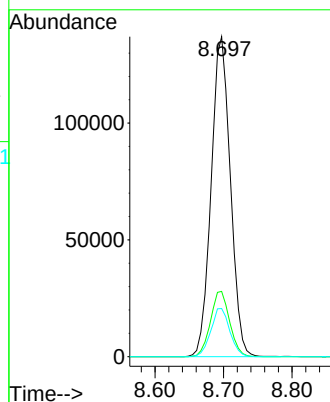
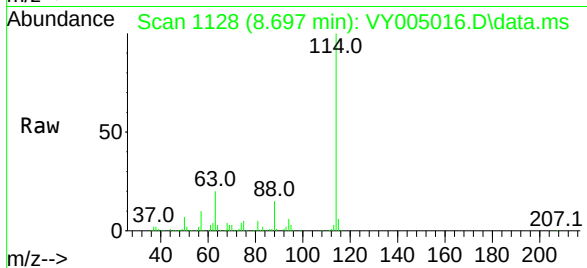
Tgt Ion:114 Resp: 266277

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.443 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005016.D

Acq: 08 Jun 2021 12:44

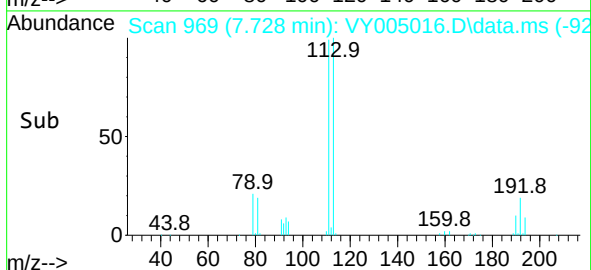
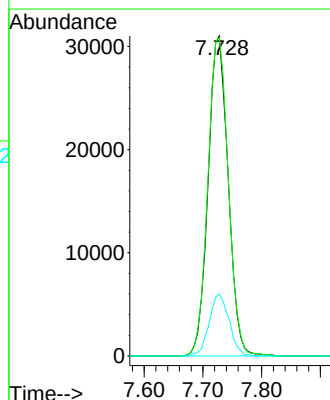
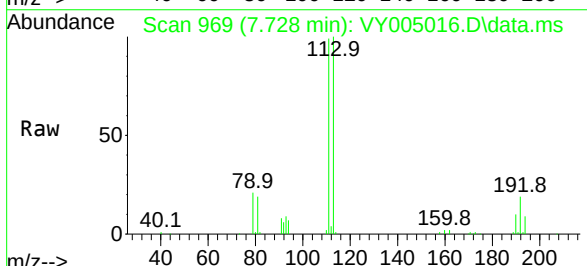
Tgt Ion:113 Resp: 73698

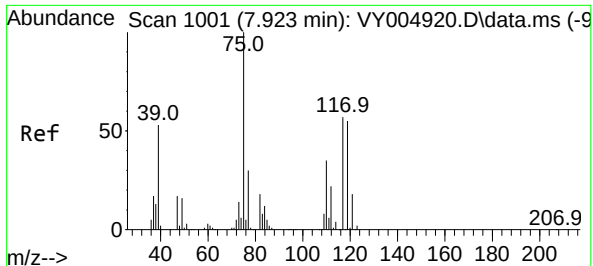
Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

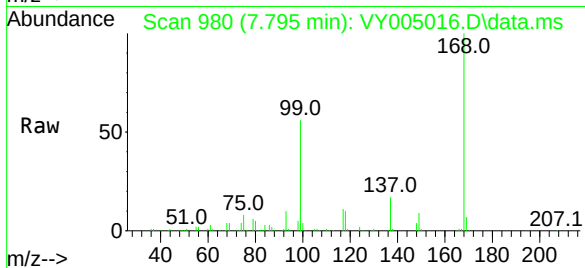
192 19.2 15.3 22.9



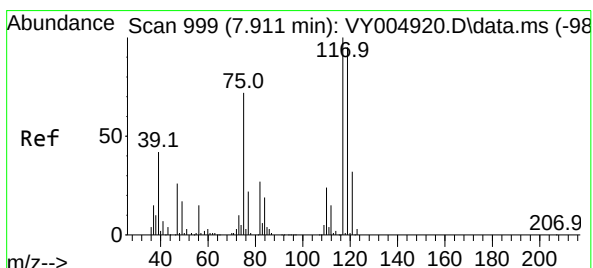
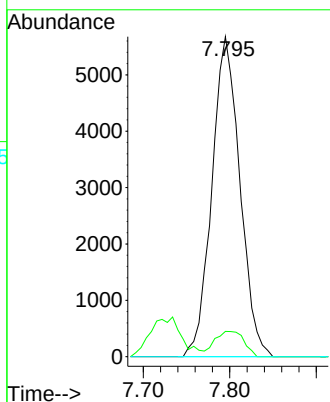
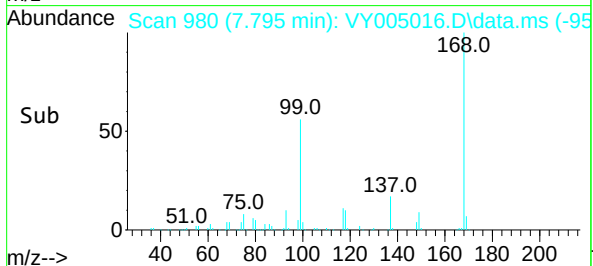


#36
 1,1-Dichloropropene
 Concen: 4.896 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005016.D
 Acq: 08 Jun 2021 12:44

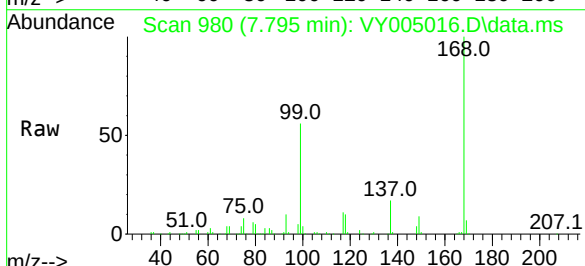
Instrument :
 MSVOA_Y
 ClientSampleId :



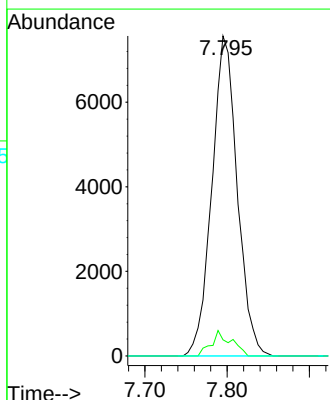
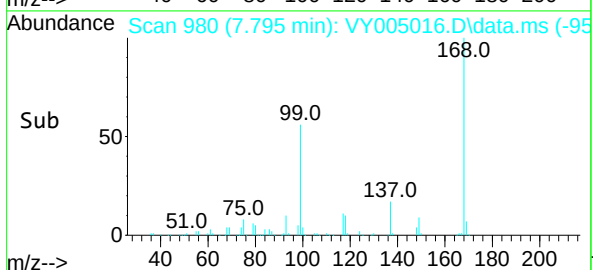
Tgt Ion: 75 Resp: 12760
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.5 52.5#
 77 0.0 25.1 37.7#

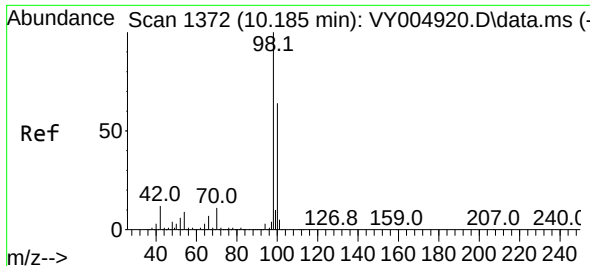


#38
 Carbon Tetrachloride
 Concen: 7.152 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005016.D
 Acq: 08 Jun 2021 12:44



Tgt Ion: 117 Resp: 16221
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.1 114.1#
 121 0.0 25.5 38.3#

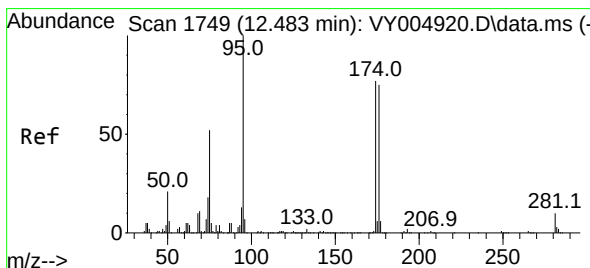
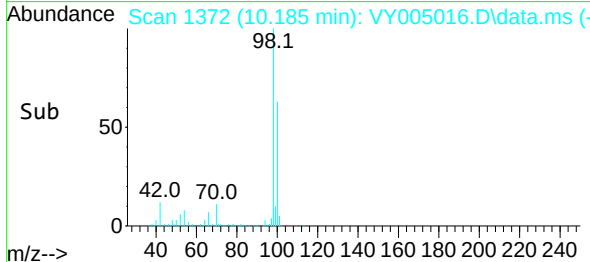
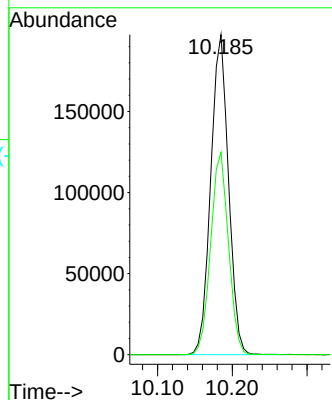
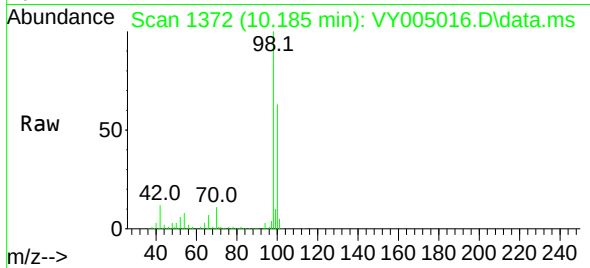




#50
Toluene-d8
Concen: 54.784 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

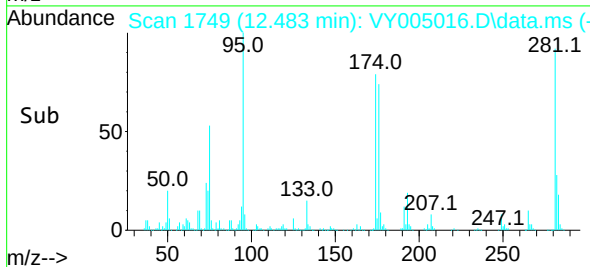
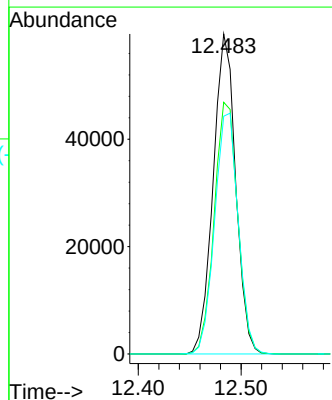
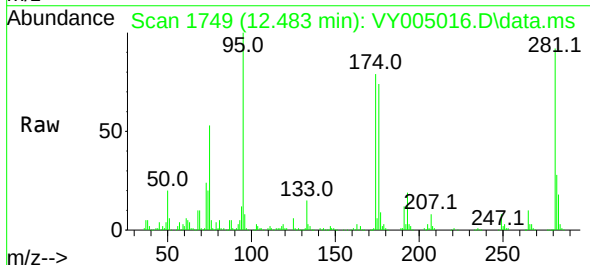
Instrument :
MSVOA_Y
ClientSampled :

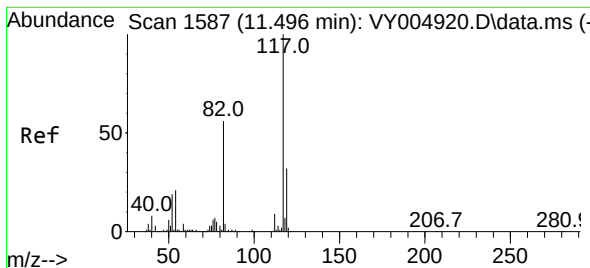
Tgt Ion: 98 Resp: 325956
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.184 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

Tgt Ion: 95 Resp: 90411
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.8
176 79.0 0.0 155.6

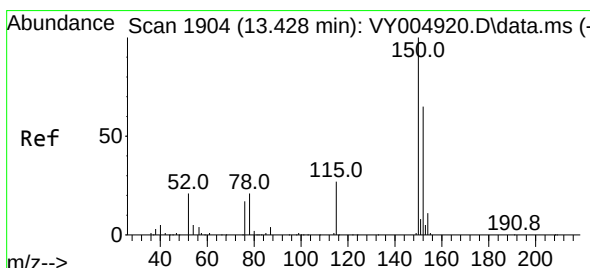
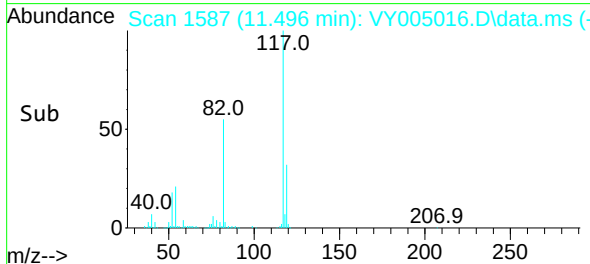
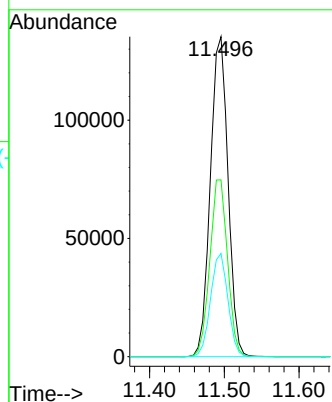
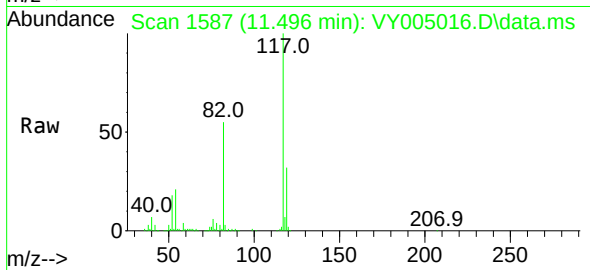




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

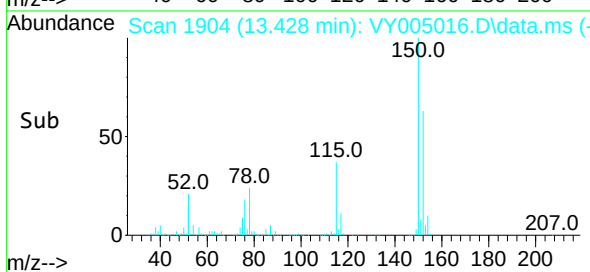
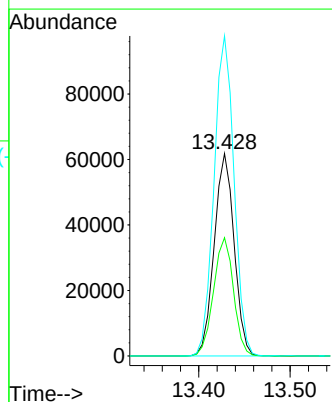
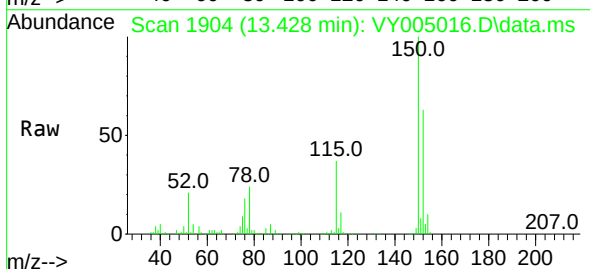
Instrument :
MSVOA_Y
ClientSampleId :

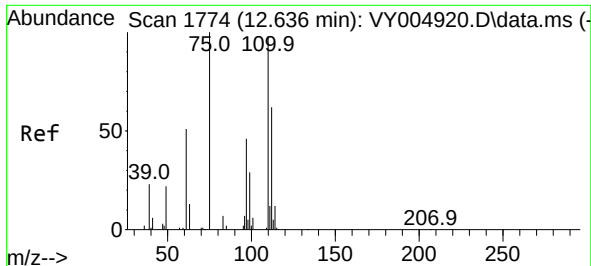
Tgt Ion:117 Resp: 222228
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

Tgt Ion:152 Resp: 93595
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.7
150 159.0 0.0 347.8

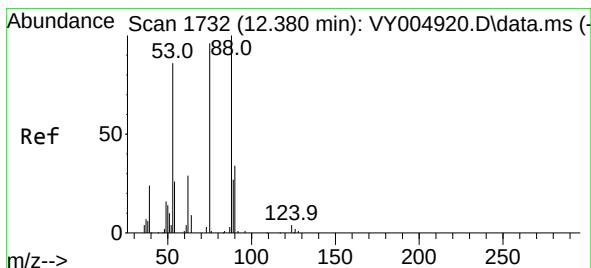
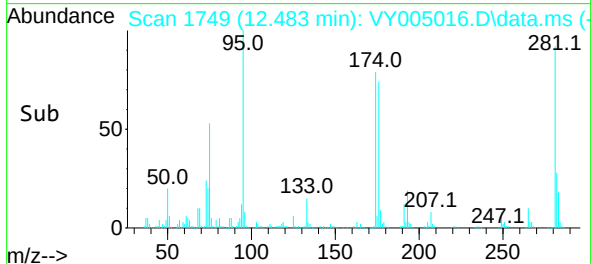
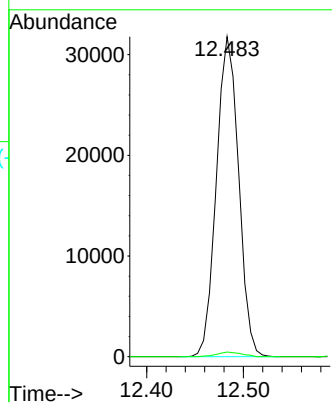
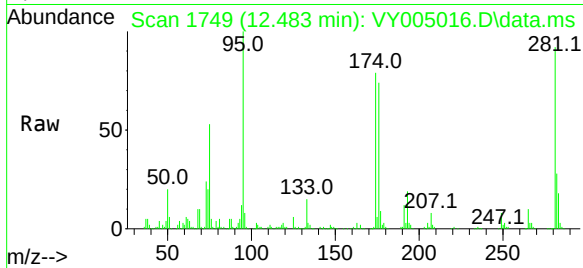




#76
1,2,3-Trichloropropane
Concen: 49.401 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50685
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.789 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005016.D
Acq: 08 Jun 2021 12:44

Tgt Ion: 75 Resp: 50685
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 2.6 35.0 52.6#

