

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021221\
 Data File : VY004025.D
 Acq On : 12 Feb 2021 16:00
 Operator : SY/MD
 Sample : M1395-02RE
 Misc : 5.81g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 00:12:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

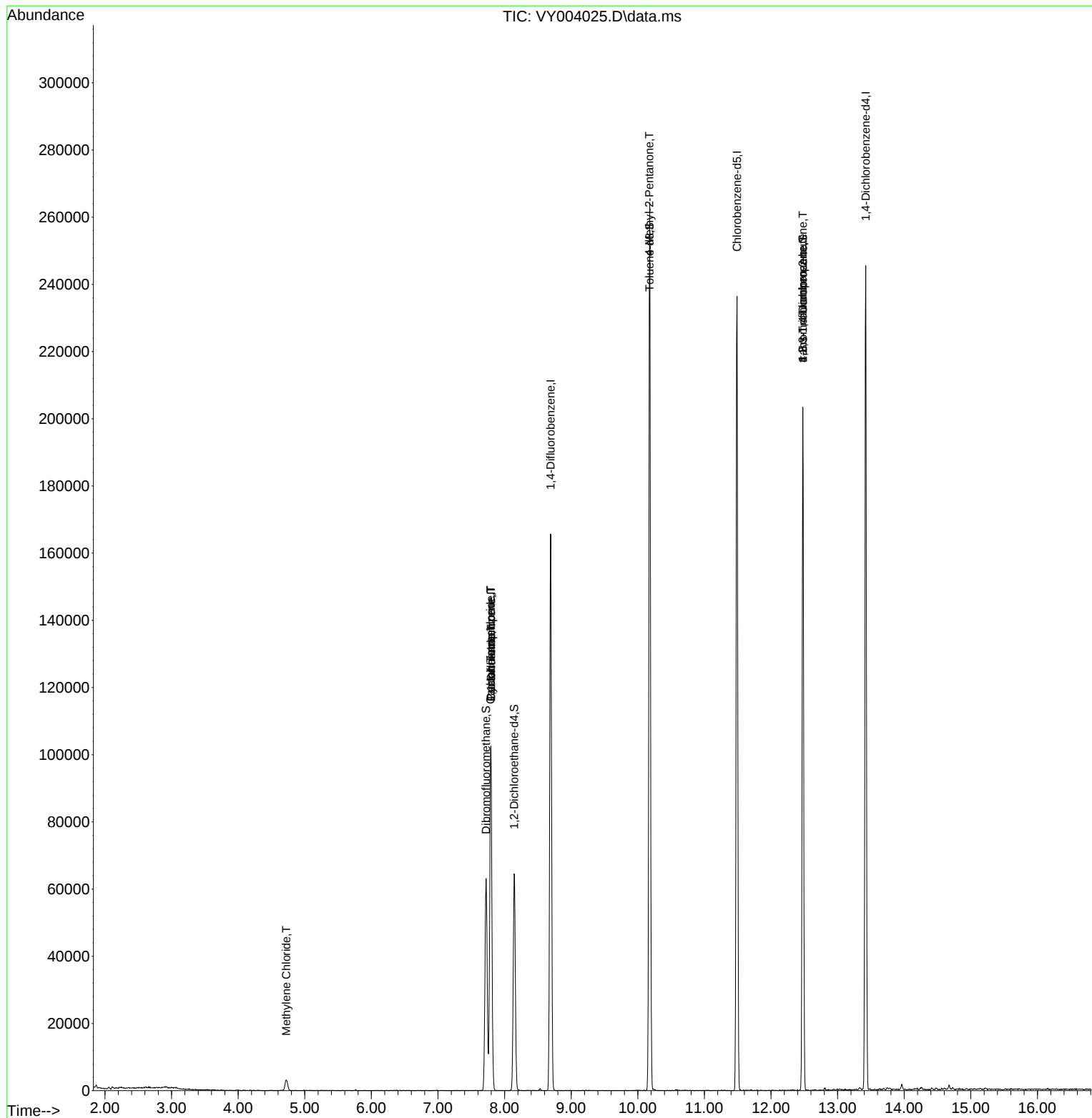
Internal Standards						
1) Pentafluorobenzene	7.795	168	82297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52124	57.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.20%
35) Dibromofluoromethane	7.722	113	43649	55.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.60%
50) Toluene-d8	10.179	98	166428	53.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.46%
62) 4-Bromofluorobenzene	12.477	95	59804	52.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.92%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	2236	2.37	ug/l	96
31) Cyclohexane	7.795	56	1581	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	6336	4.64	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7684	5.21	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	836	1.09	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	32187	51.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32187	98.14	ug/l #	11

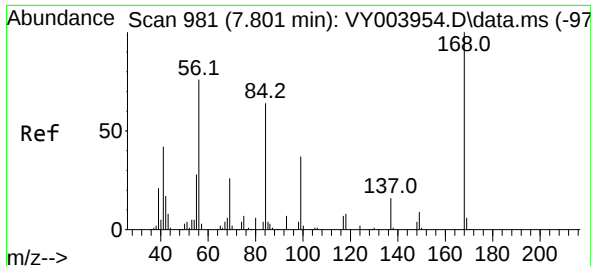
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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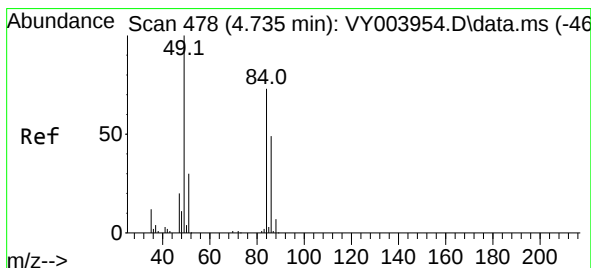
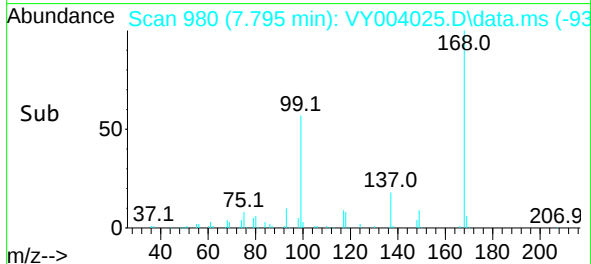
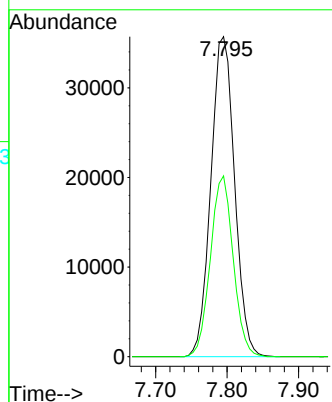
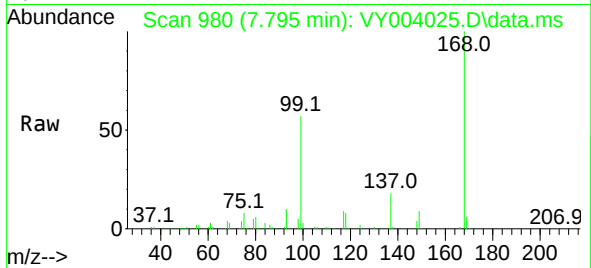




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

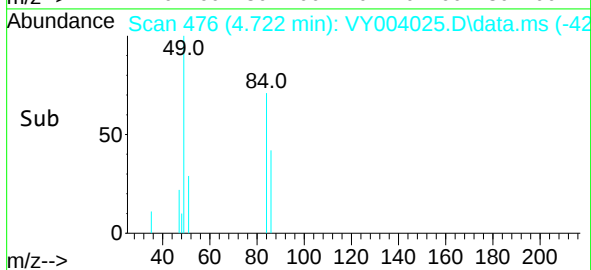
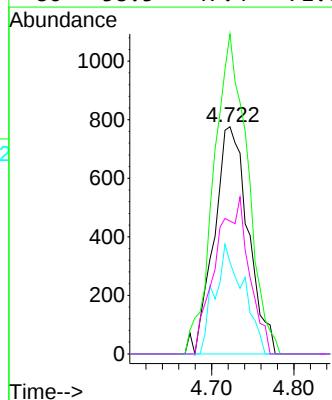
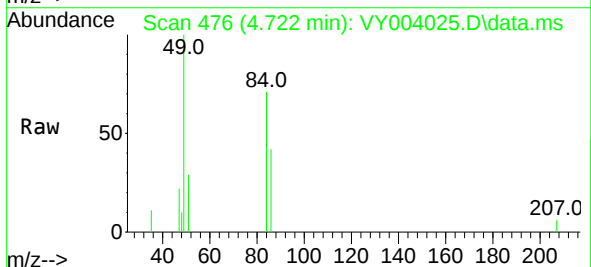
Instrument :
MSVOA_Y
ClientSampleId :

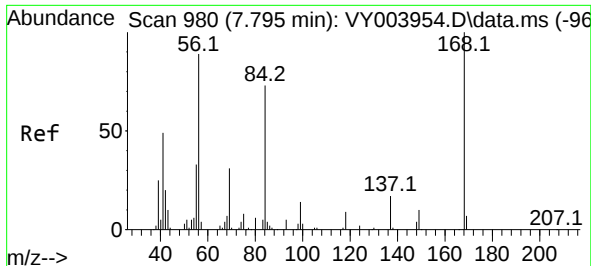
Tgt Ion:168 Resp: 82297
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#20
Methylene Chloride
Concen: 2.37 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

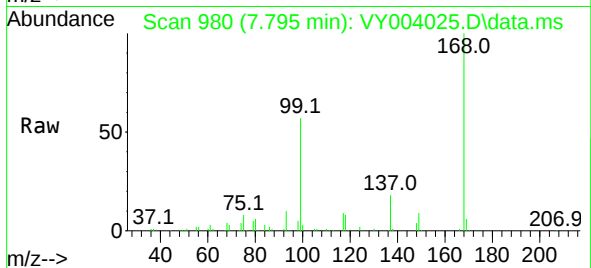
Tgt Ion: 84 Resp: 2236
Ion Ratio Lower Upper
84 100
49 140.9 107.0 160.4
51 40.3 31.9 47.9
86 58.5 47.4 71.0



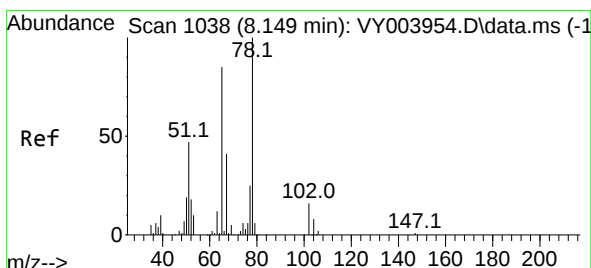
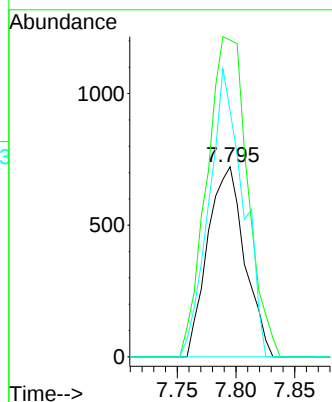
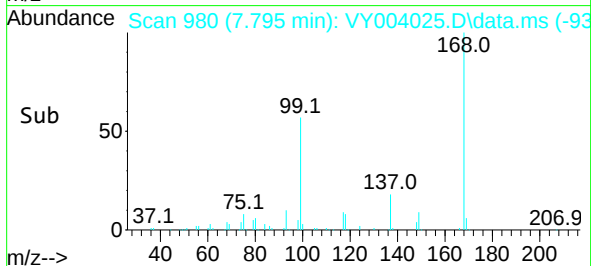


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

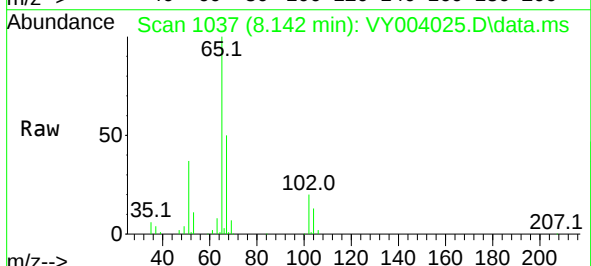
Instrument :
MSVOA_Y
ClientSampleId :



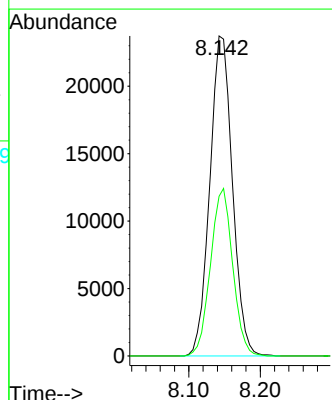
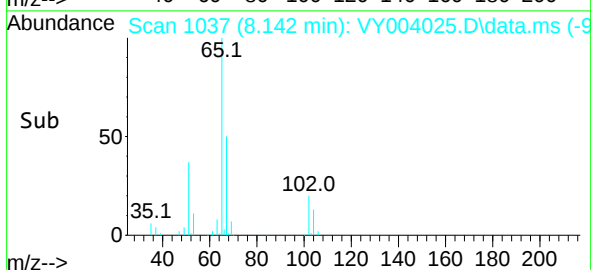
Tgt Ion: 56 Resp: 1581
Ion Ratio Lower Upper
56 100
69 166.6 25.0 37.4#
84 129.2 64.5 96.7#

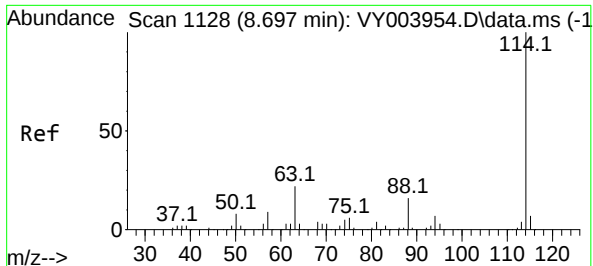


#33
1,2-Dichloroethane-d4
Concen: 57.60 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00



Tgt Ion: 65 Resp: 52124
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

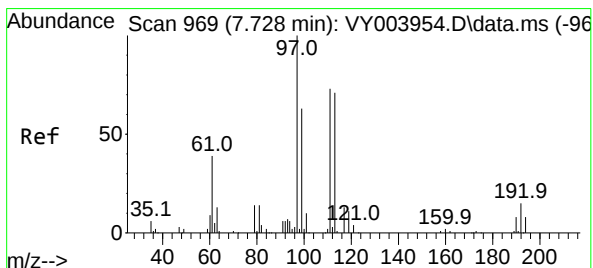
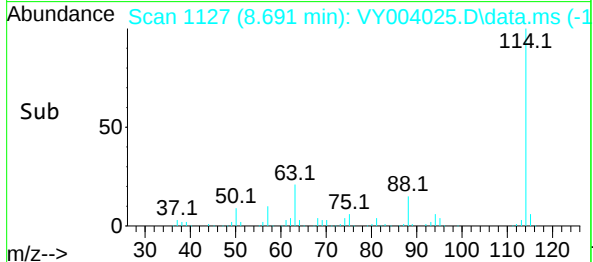
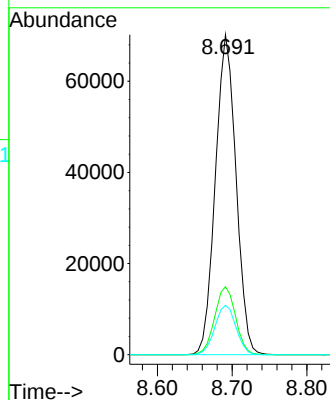
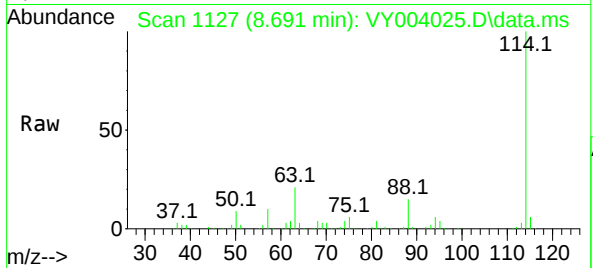




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

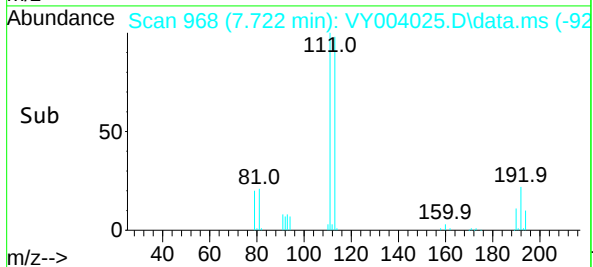
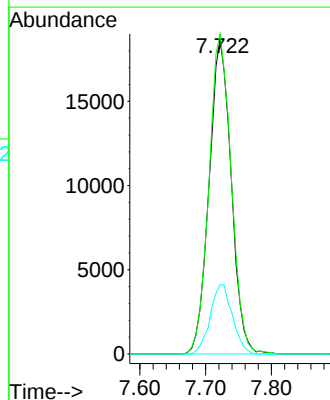
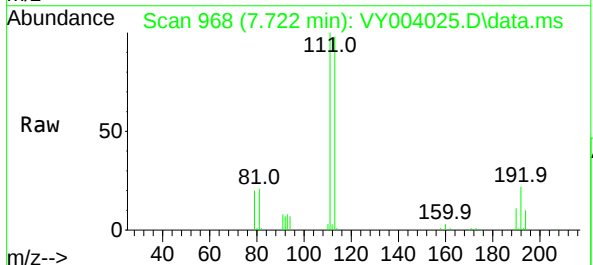
Instrument :
MSVOA_Y
ClientSampleId :

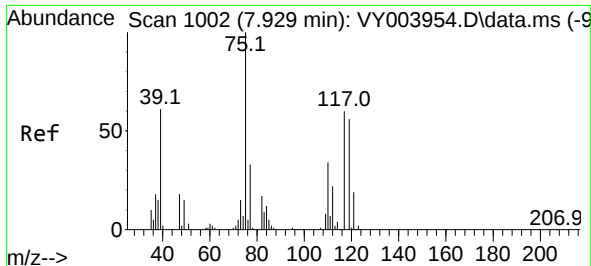
Tgt Ion:114	Resp:	135007
Ion Ratio	Lower	Upper
114	100	
63	21.3	0.0 47.2
88	15.5	0.0 30.2



#35
Dibromofluoromethane
Concen: 55.30 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

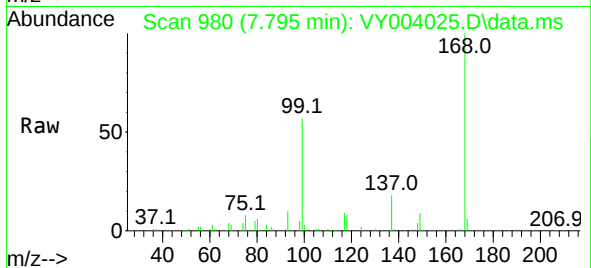
Tgt Ion:113	Resp:	43649
Ion Ratio	Lower	Upper
113	100	
111	102.5	82.2 123.4
192	22.1	18.3 27.5



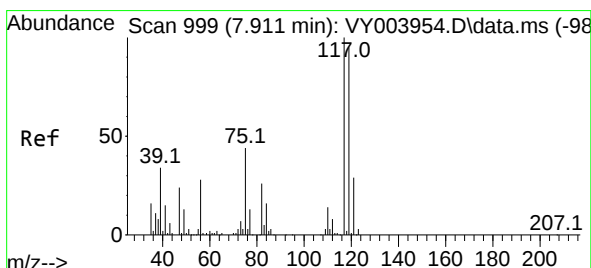
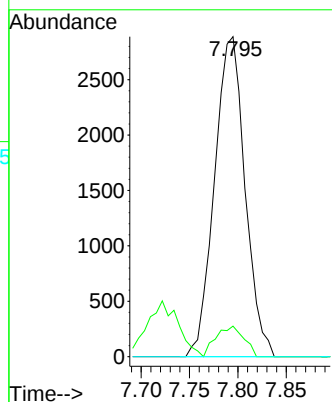
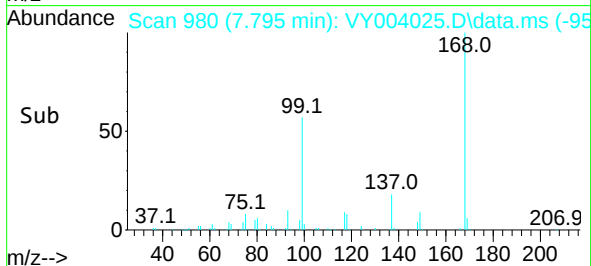


#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

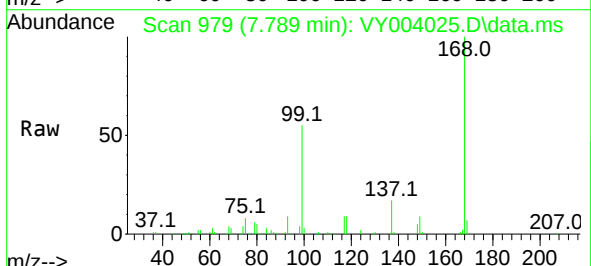
Instrument :
MSVOA_Y
ClientSampled :



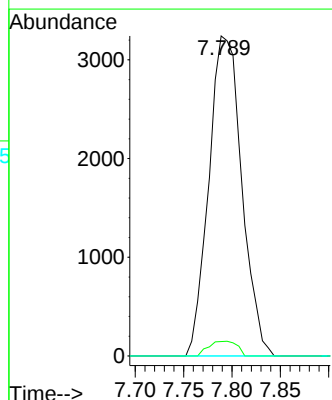
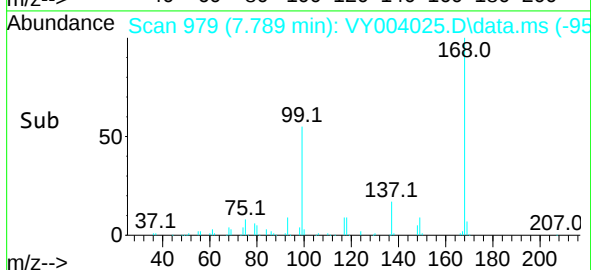
Tgt Ion: 75 Resp: 6336
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.8 37.2#

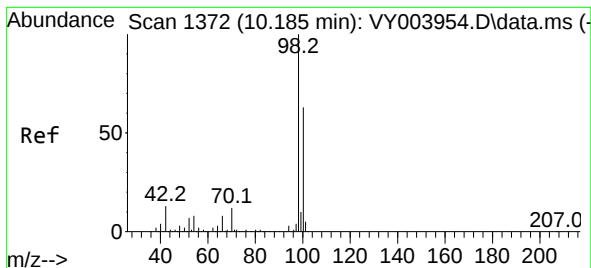


#38
Carbon Tetrachloride
Concen: 5.21 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00



Tgt Ion: 117 Resp: 7684
Ion Ratio Lower Upper
117 100
119 4.5 77.4 116.0#
121 0.0 26.1 39.1#

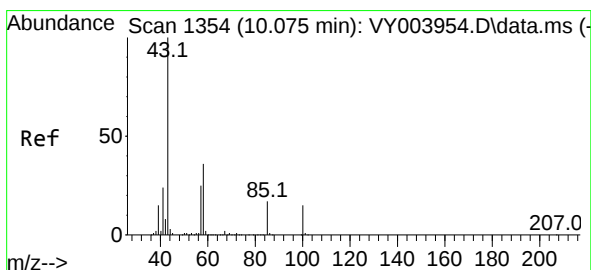
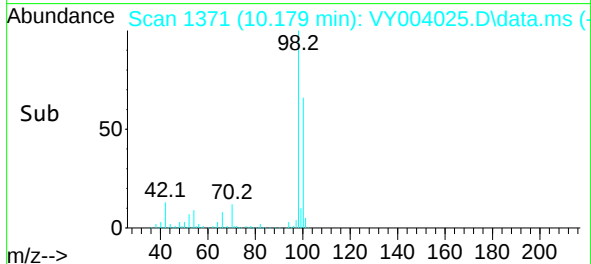
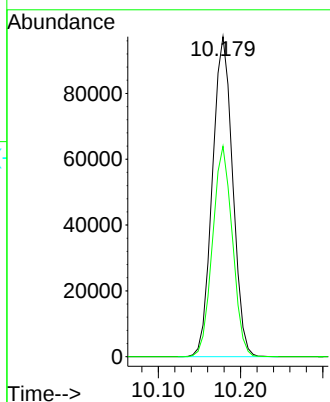
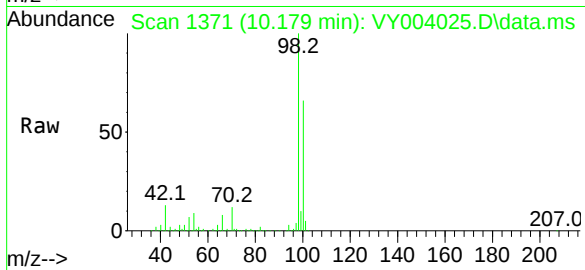




#50
Toluene-d8
Concen: 53.73 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

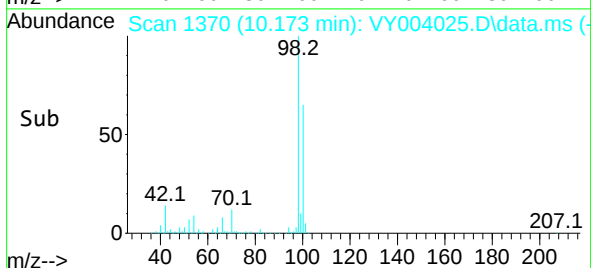
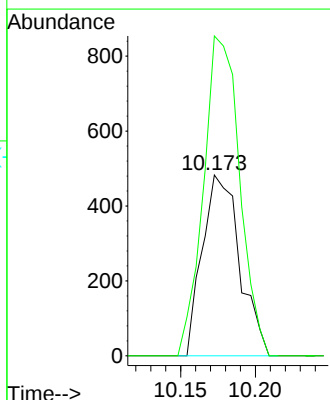
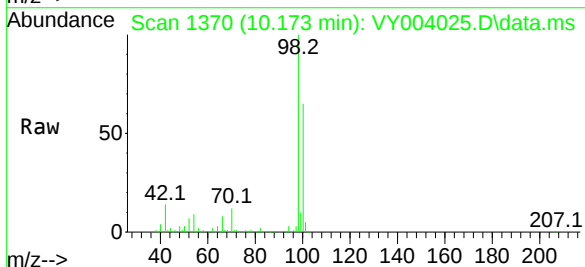
Instrument :
MSVOA_Y
ClientSampled :

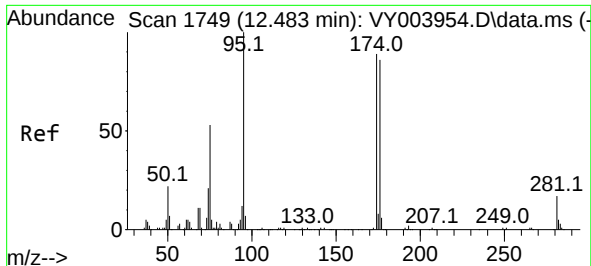
Tgt Ion: 98 Resp: 166428
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.09 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.098 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 172.0 28.6 42.8#

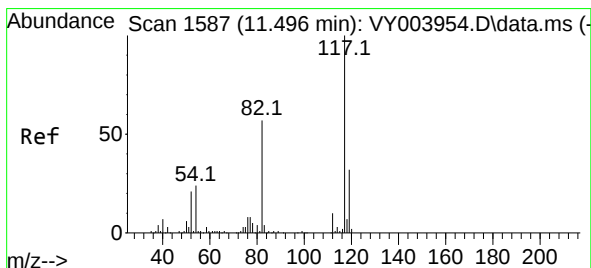
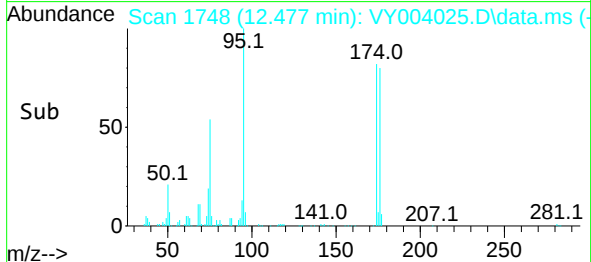
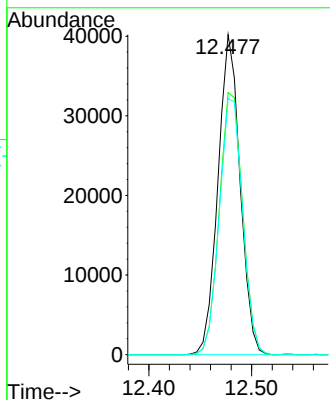
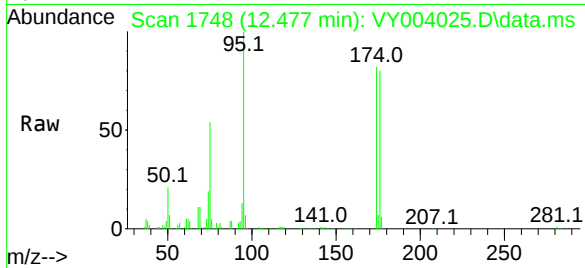




#62
4-Bromofluorobenzene
Concen: 52.96 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

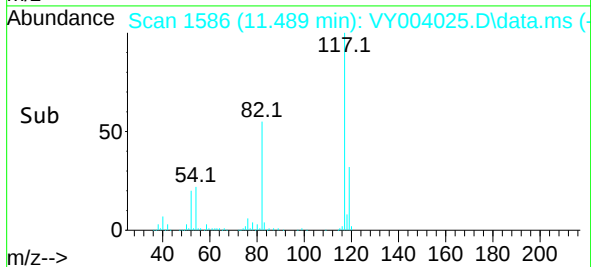
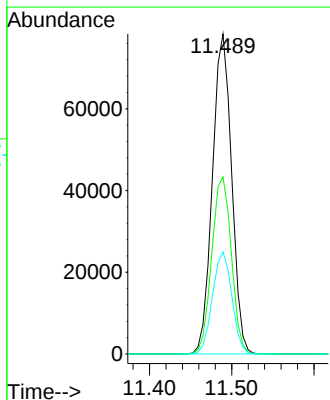
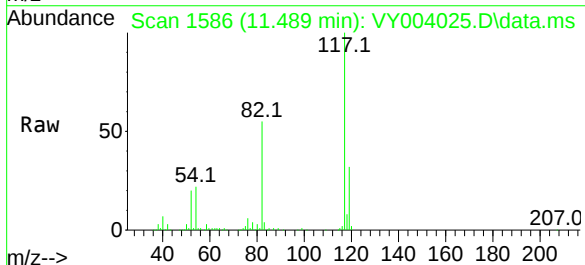
Instrument :
MSVOA_Y
ClientSampleId :

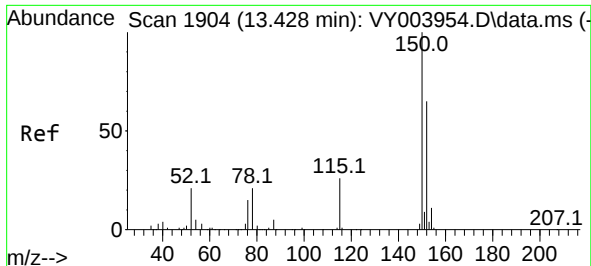
Tgt Ion: 95 Resp: 59804
Ion Ratio Lower Upper
95 100
174 86.7 0.0 184.4
176 84.7 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

Tgt Ion: 117 Resp: 127168
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 31.9 25.0 37.6

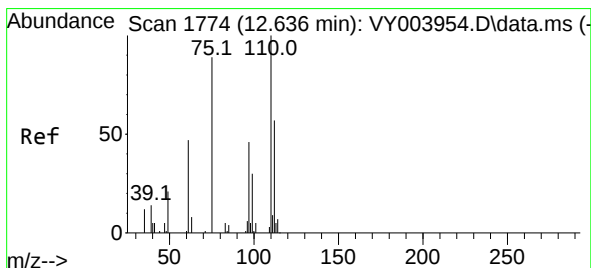
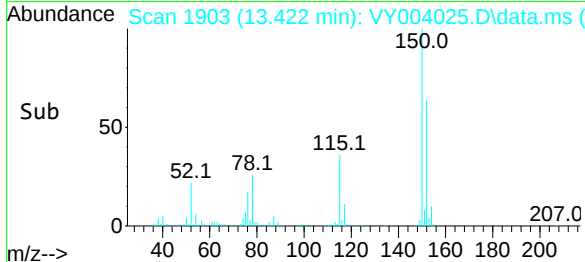
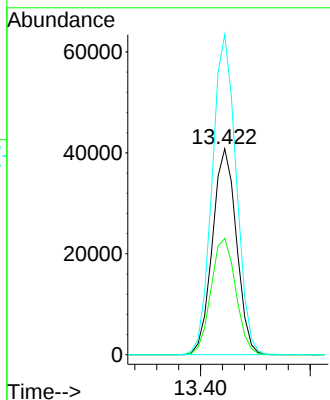
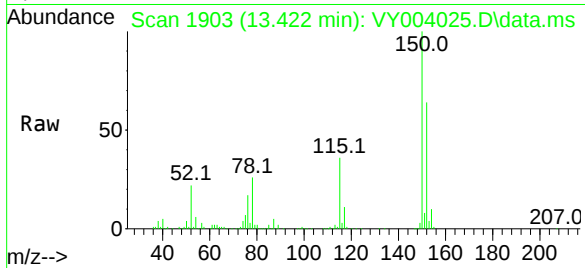




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY004025.D
 Acq: 12 Feb 2021 16:00

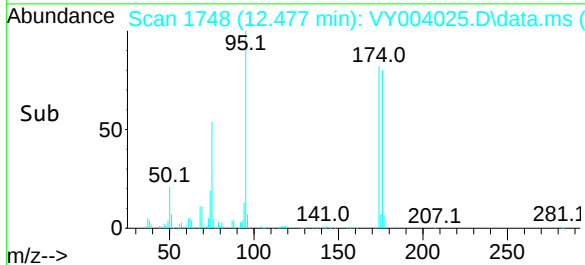
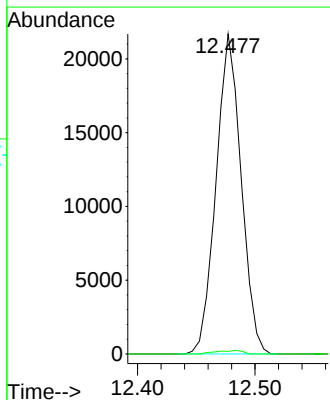
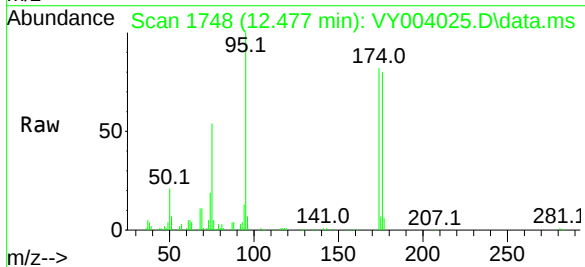
Instrument :
 MSVOA_Y
 ClientSampleId :

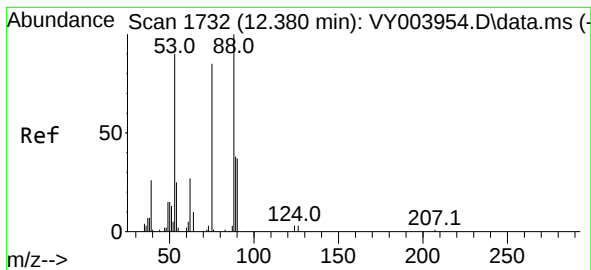
Tgt Ion:152 Resp: 62220
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.6
 150 155.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 51.35 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY004025.D
 Acq: 12 Feb 2021 16:00

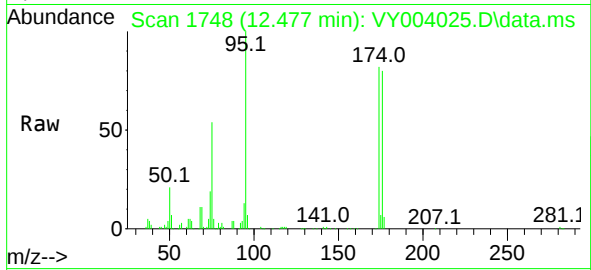
Tgt Ion: 75 Resp: 32187
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.14 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.098 min
 Lab File: VY004025.D
 Acq: 12 Feb 2021 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 32187
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.0 34.8 52.2#

