

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004008.D
 Acq On : 11 Feb 2021 17:55
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 00:11:42 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)

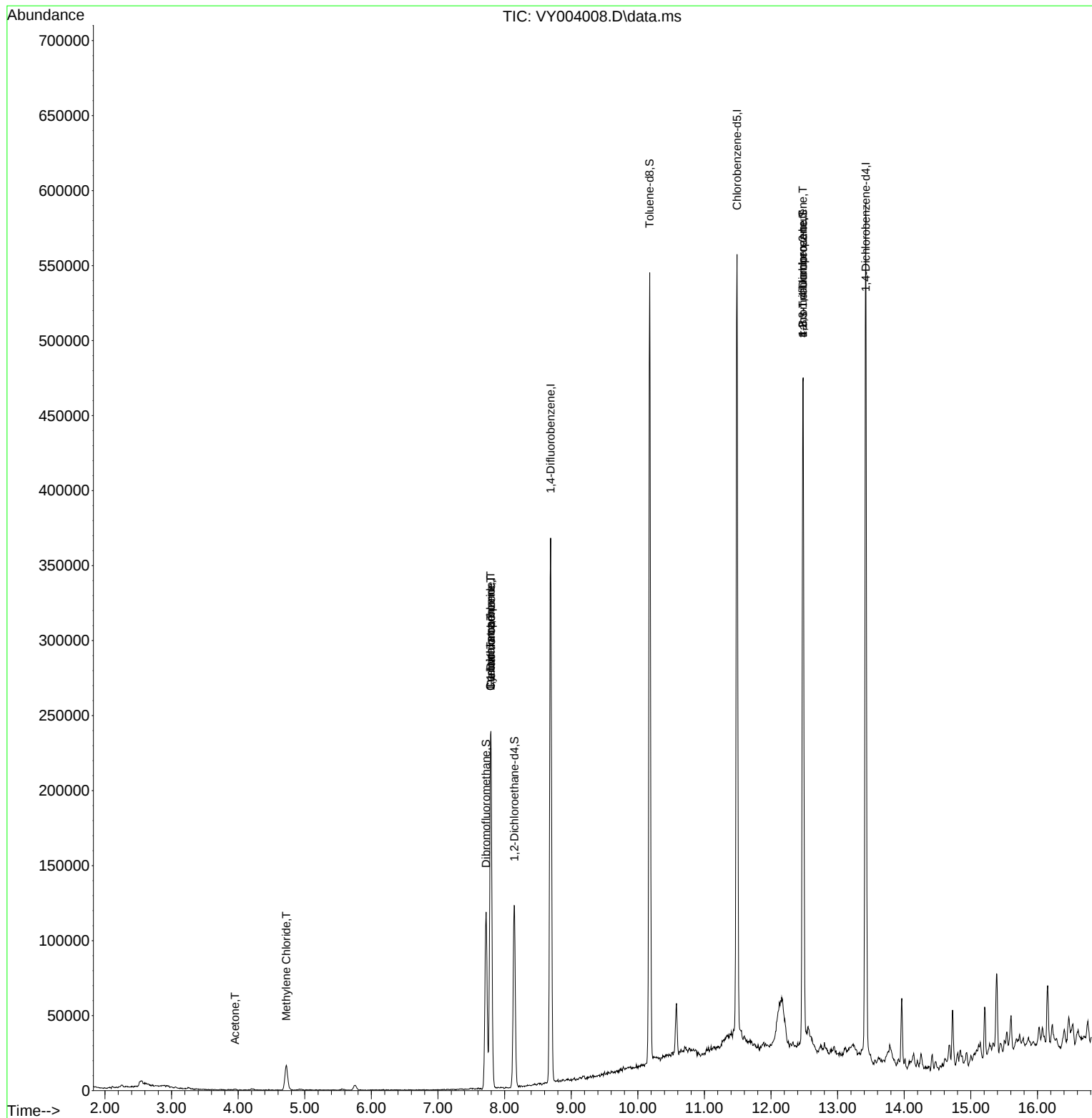
Internal Standards						
1) Pentafluorobenzene	7.795	168	189130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97419	46.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.68%
35) Dibromofluoromethane	7.722	113	80790	46.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.30%
50) Toluene-d8	10.179	98	326292	47.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.00%
62) 4-Bromofluorobenzene	12.477	95	120326	48.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.10%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	724	Below Cal	#	77
16) Acetone	3.954	43	814	1.59	ug/l	94
20) Methylene Chloride	4.722	84	10992	5.07	ug/l	94
31) Cyclohexane	7.789	56	4433	1.27	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14389	4.75	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17534	5.36	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	60908	44.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60908	85.75	ug/l #	11

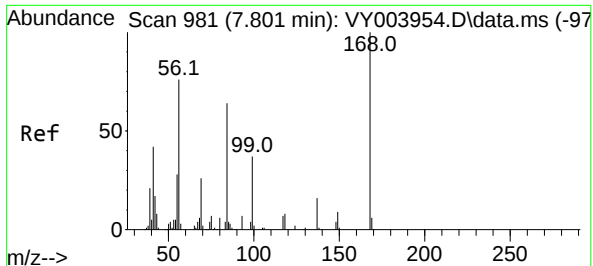
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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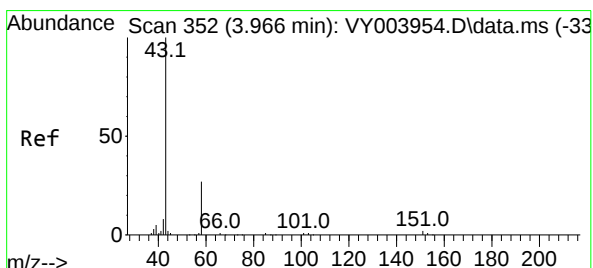
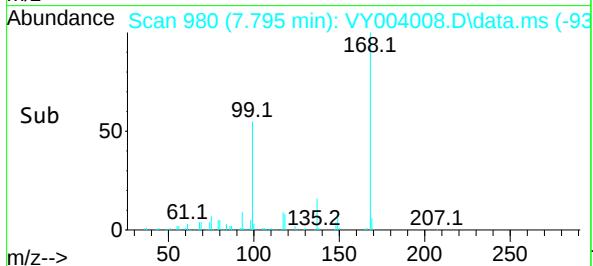
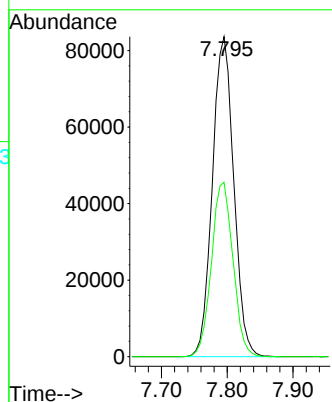
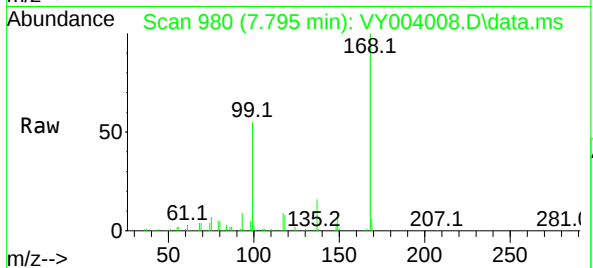




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

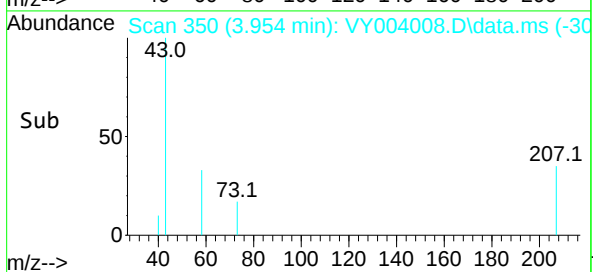
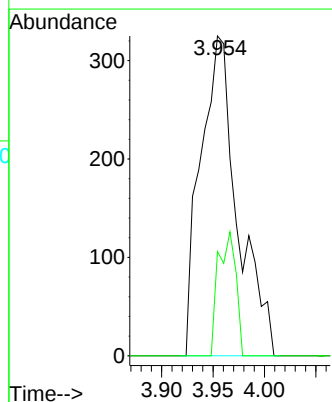
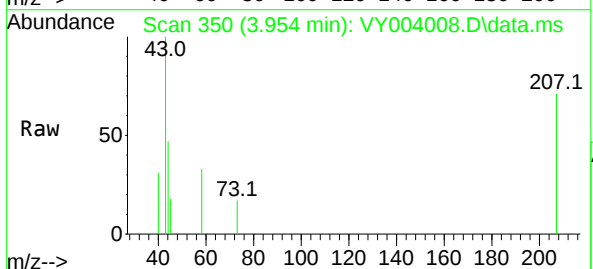
Instrument :
MSVOA_Y
ClientSampled :

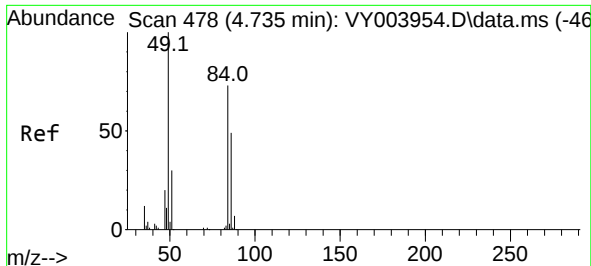
Tgt Ion:168 Resp: 189130
Ion Ratio Lower Upper
168 100
99 54.5 46.1 69.1



#16
Acetone
Concen: 1.59 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

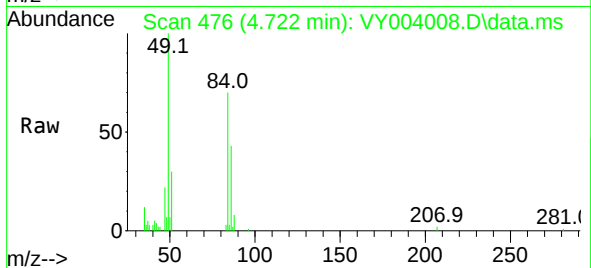
Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 32.6 23.4 35.0



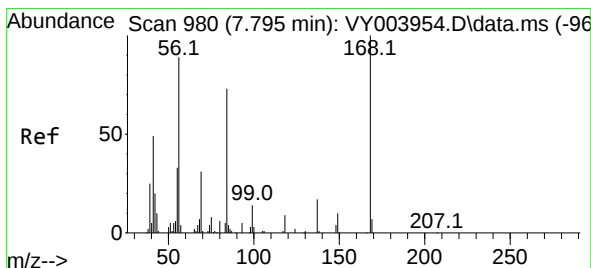
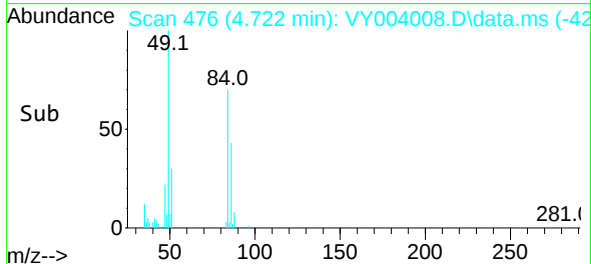
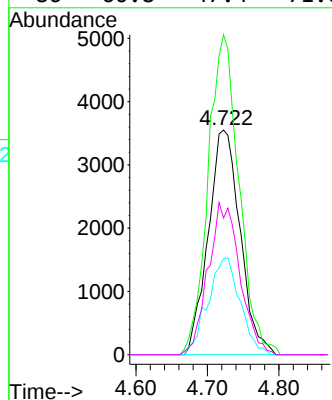


#20
Methylene Chloride
Concen: 5.07 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

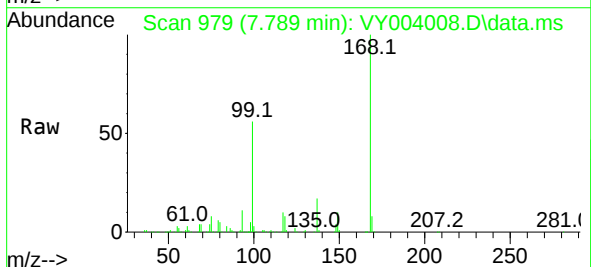
Instrument :
MSVOA_Y
ClientSampleId :



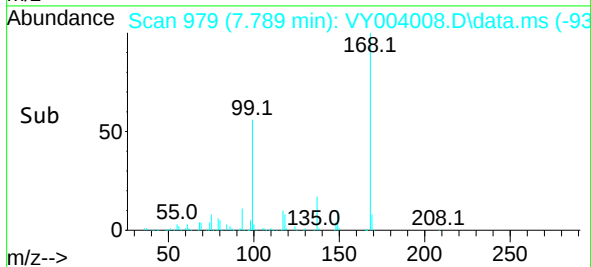
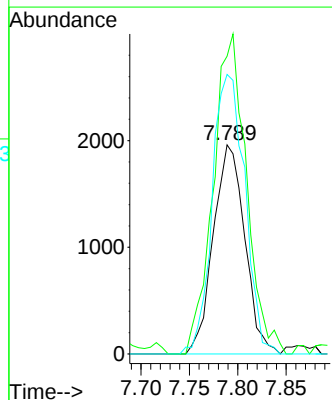
Tgt Ion:	84	Resp:	10992
Ion	Ratio	Lower	Upper
84	100		
49	142.4	107.0	160.4
51	42.7	31.9	47.9
86	60.8	47.4	71.0

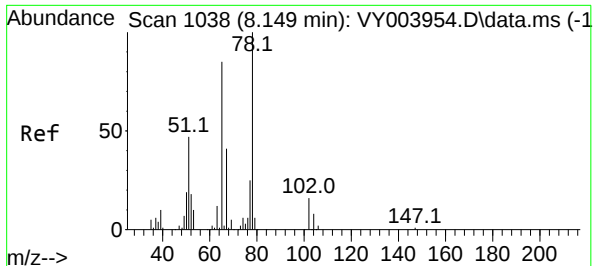


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55



Tgt Ion:	56	Resp:	4433
Ion	Ratio	Lower	Upper
56	100		
69	142.4	25.0	37.4#
84	133.7	64.5	96.7#

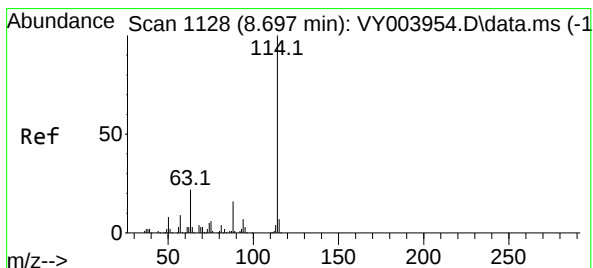
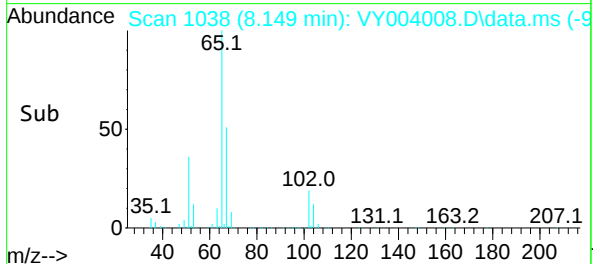
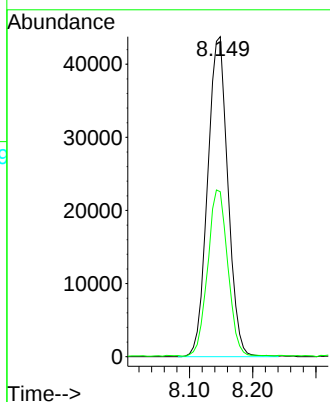
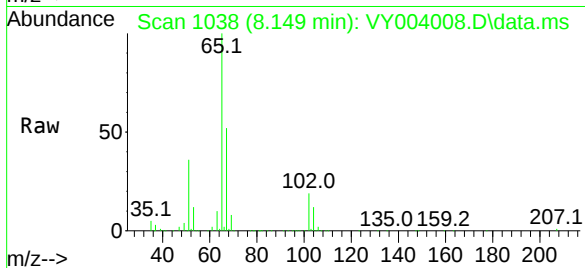




#33
1,2-Dichloroethane-d4
Concen: 46.84 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

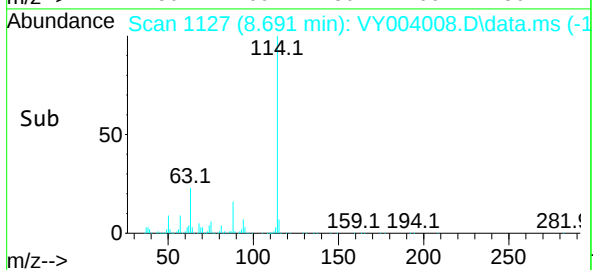
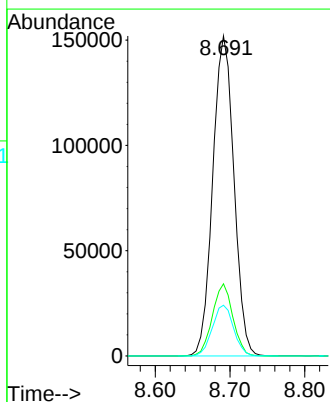
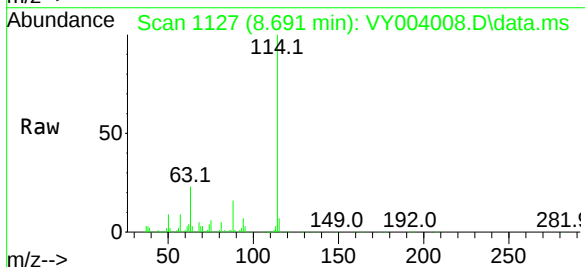
Instrument :
MSVOA_Y
ClientSampled :

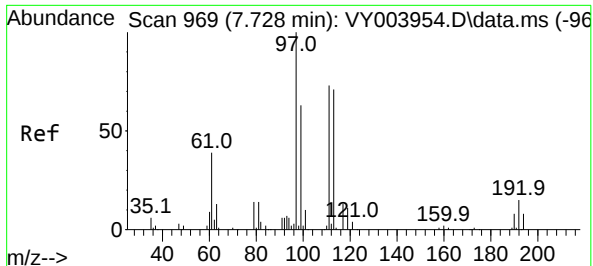
Tgt Ion: 65 Resp: 97419
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

Tgt Ion: 114 Resp: 299389
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.2
88 15.8 0.0 30.2

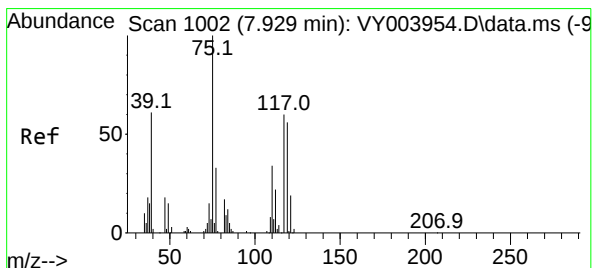
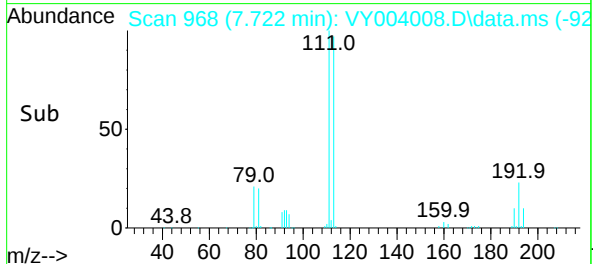
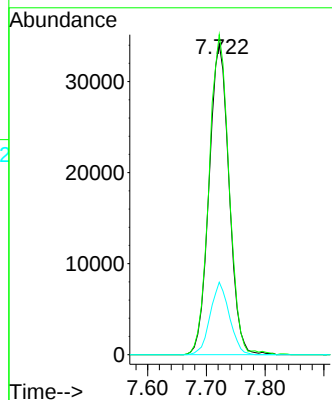
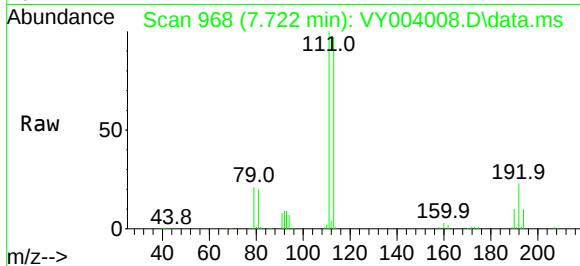




#35
Dibromofluoromethane
Concen: 46.15 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

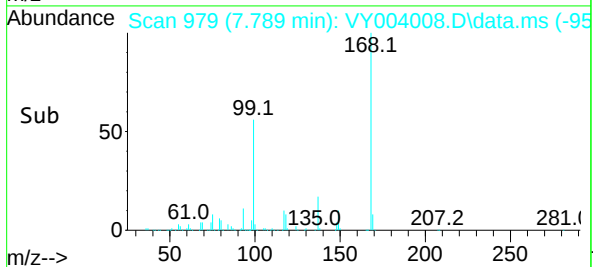
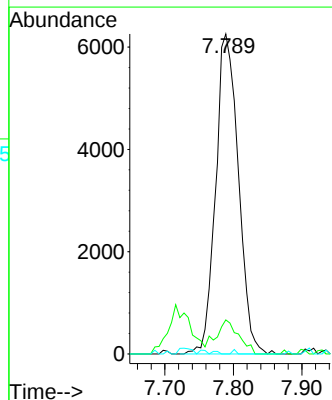
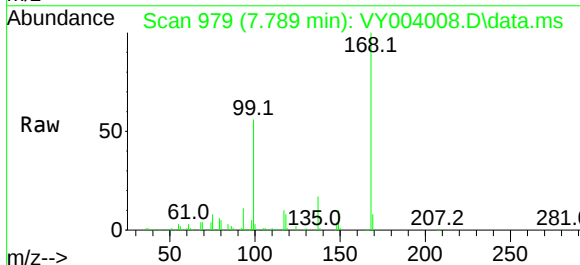
Instrument :
MSVOA_Y
ClientSampleId :

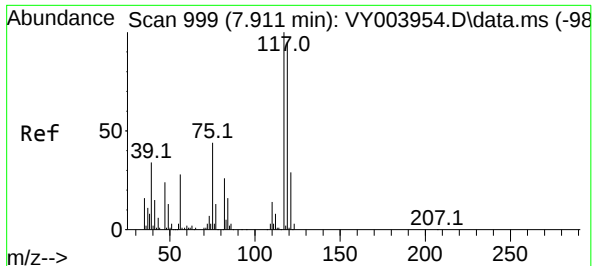
Tgt Ion:113 Resp: 80790
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 22.2 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

Tgt Ion: 75 Resp: 14389
Ion Ratio Lower Upper
75 100
110 10.6 17.9 53.8#
77 0.2 24.8 37.2#

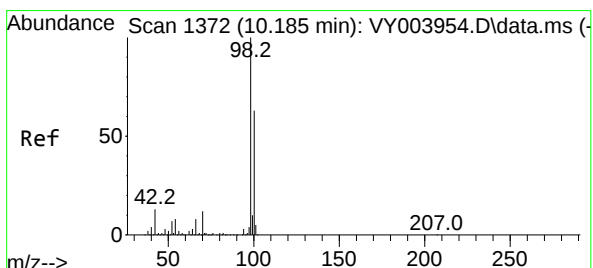
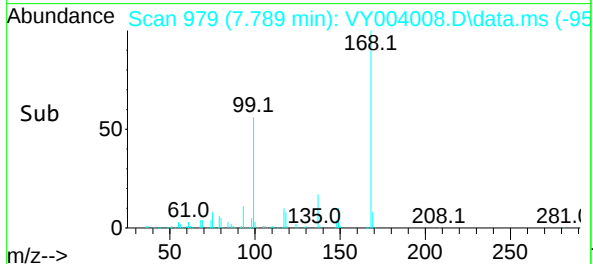
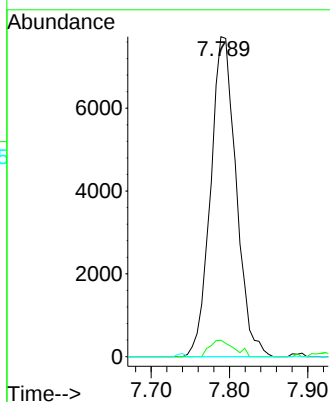
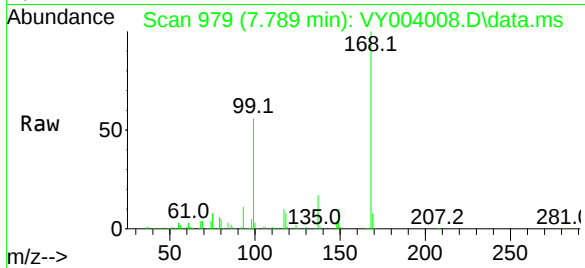




#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

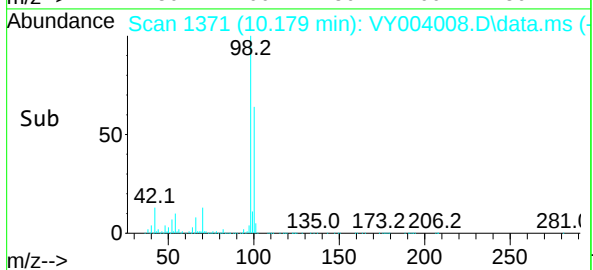
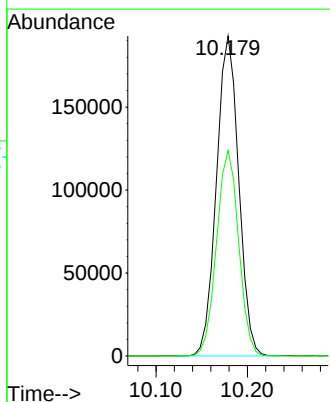
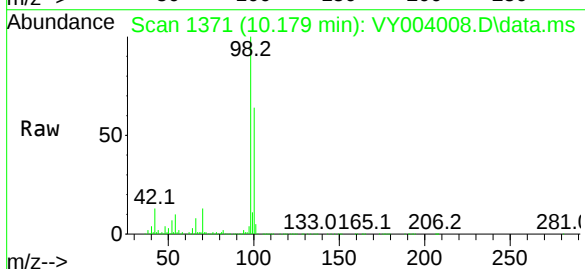
Instrument :
MSVOA_Y
ClientSampleId :

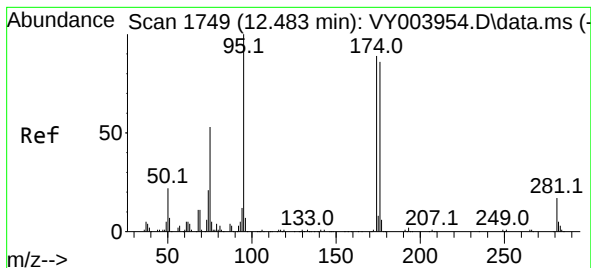
Tgt Ion:117 Resp: 17534
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 47.50 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

Tgt Ion: 98 Resp: 326292
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7

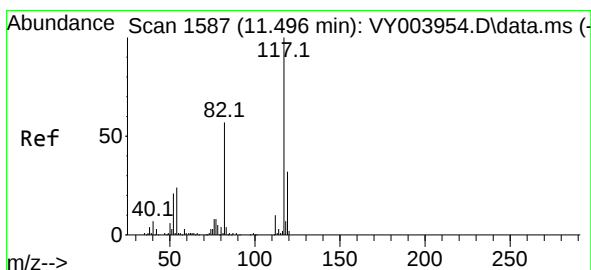
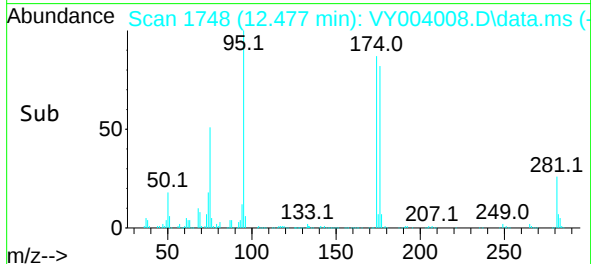
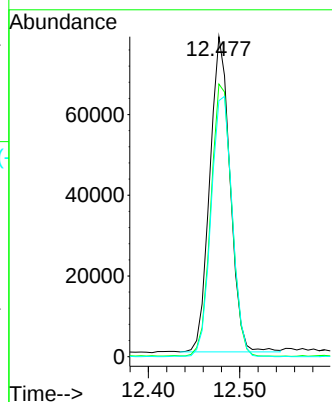
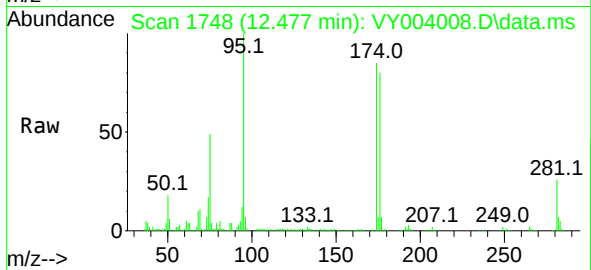




#62
4-Bromofluorobenzene
Concen: 48.05 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

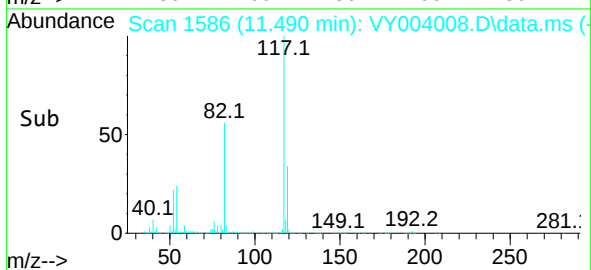
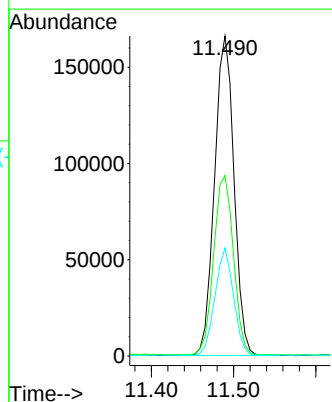
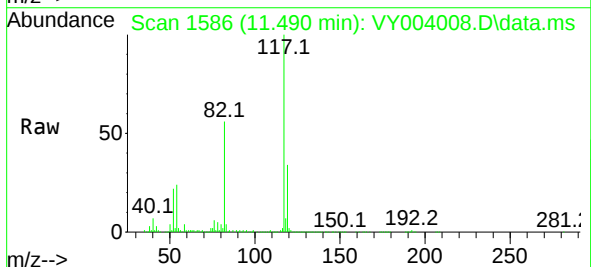
Instrument :
MSVOA_Y
ClientSampleId :

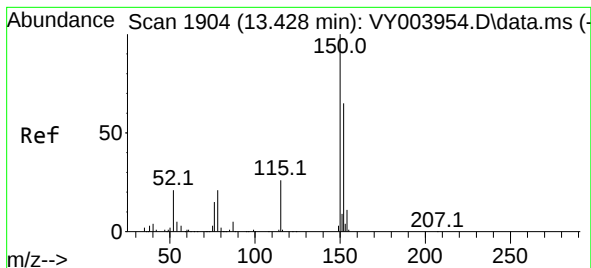
Tgt Ion: 95 Resp: 120326
Ion Ratio Lower Upper
95 100
174 88.8 0.0 184.4
176 86.2 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

Tgt Ion: 117 Resp: 273140
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 33.5 25.0 37.6

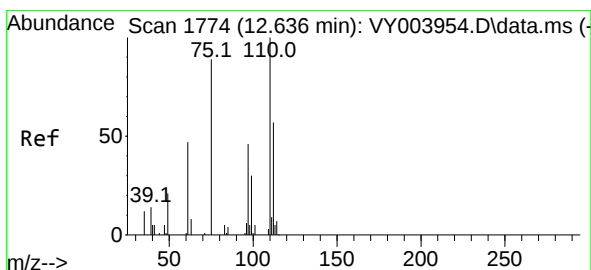
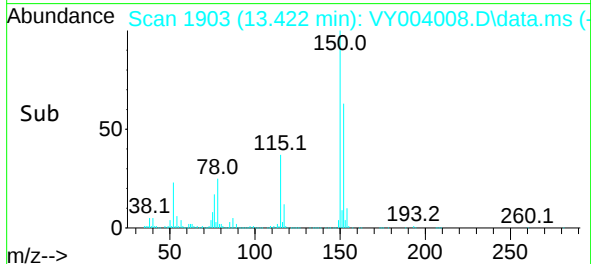
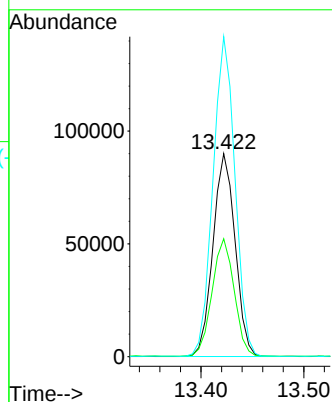
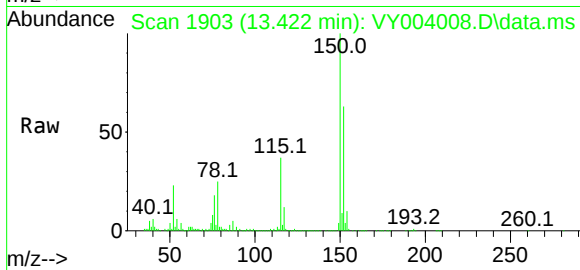




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

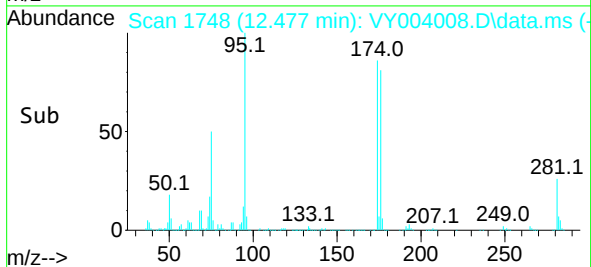
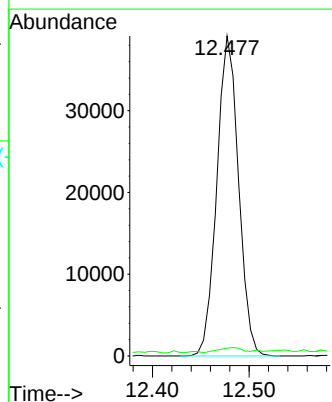
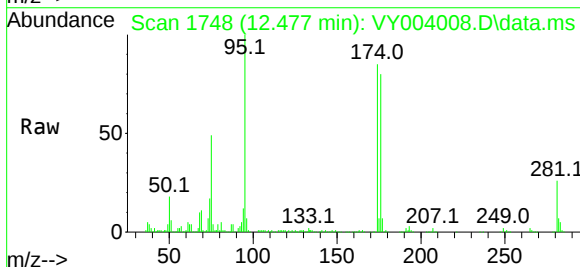
Instrument :
MSVOA_Y
ClientSampleId :

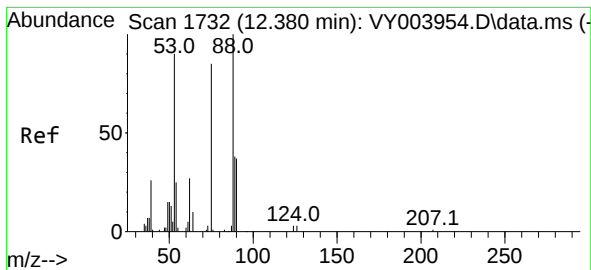
Tgt Ion:152 Resp: 134754
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.6
150 156.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 44.86 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

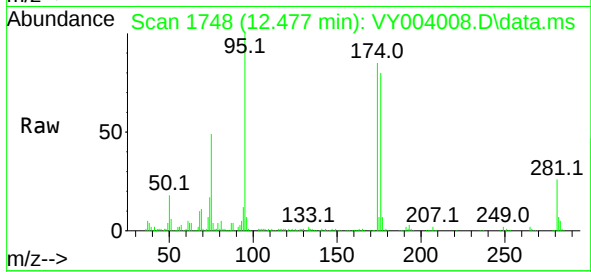
Tgt Ion: 75 Resp: 60908
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.75 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.098 min
 Lab File: VY004008.D
 Acq: 11 Feb 2021 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60908
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.2 117.2#
 89 0.7 34.8 52.2#

