

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004011.D
 Acq On : 11 Feb 2021 19:07
 Operator : SY/MD
 Sample : M1394-02
 Misc : 5.11g/5mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 00:12:29 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)

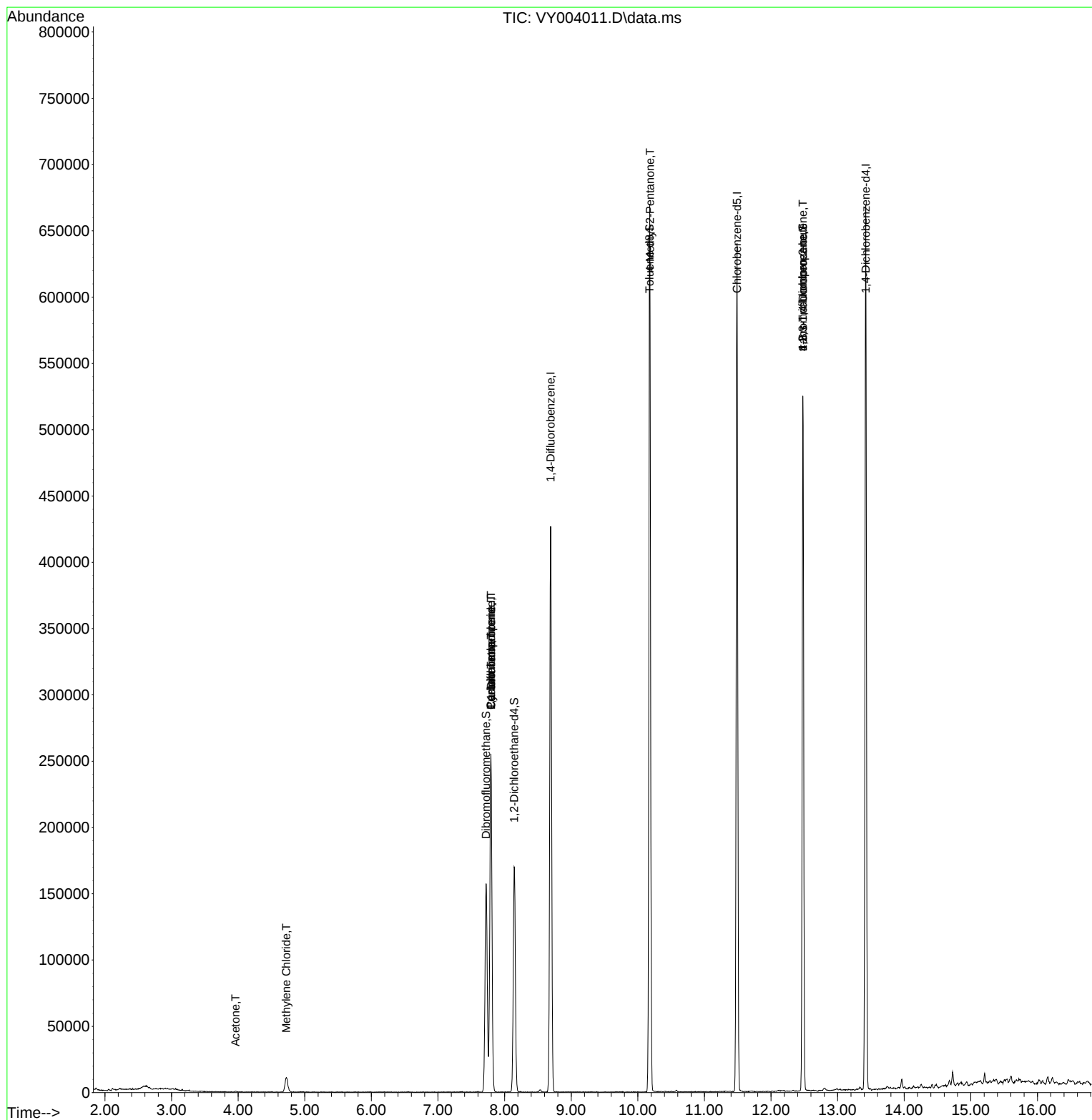
Internal Standards						
1) Pentafluorobenzene	7.795	168	197857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	135840	62.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.88%
35) Dibromofluoromethane	7.722	113	108117	53.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.76%
50) Toluene-d8	10.179	98	431795	54.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.64%
62) 4-Bromofluorobenzene	12.477	95	156837	54.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.26%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	248	Below Cal	#	77
16) Acetone	3.960	43	814	1.52	ug/l #	45
20) Methylene Chloride	4.722	84	7540	3.33	ug/l	94
31) Cyclohexane	7.795	56	4124	1.13	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15345	4.38	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19384	5.12	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	2254	1.14	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	85222	52.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	85222	100.99	ug/l #	11

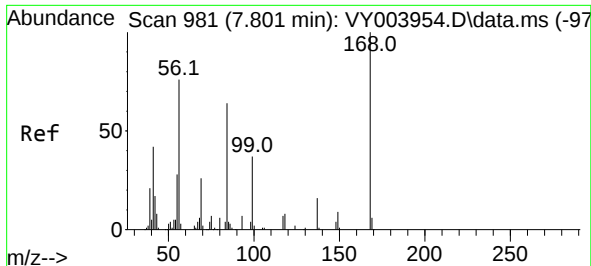
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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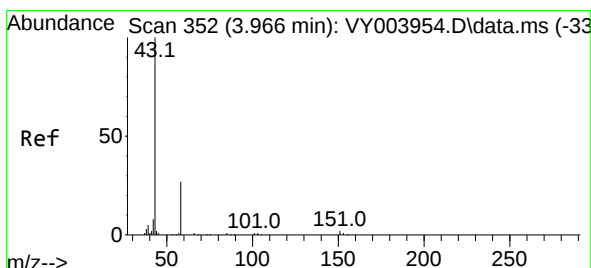
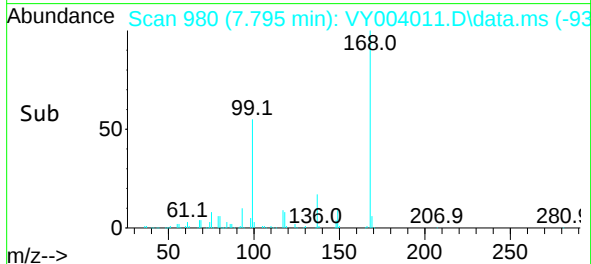
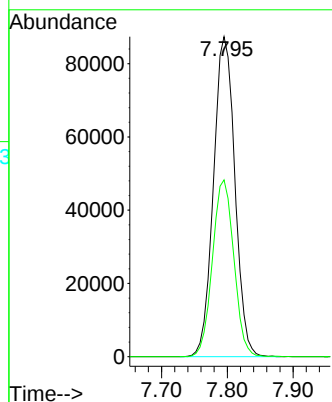
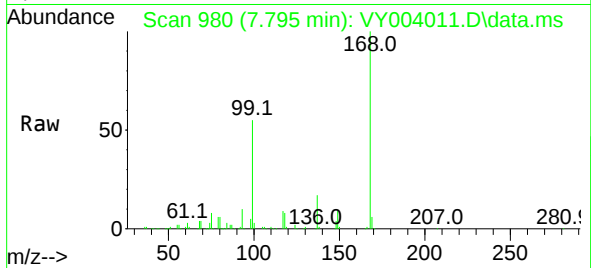




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

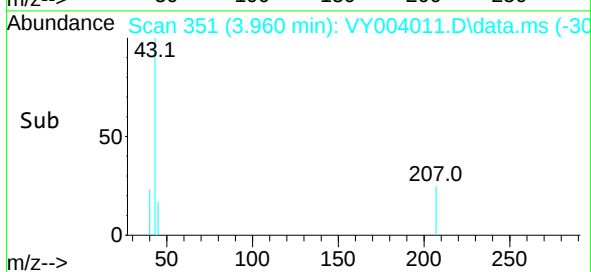
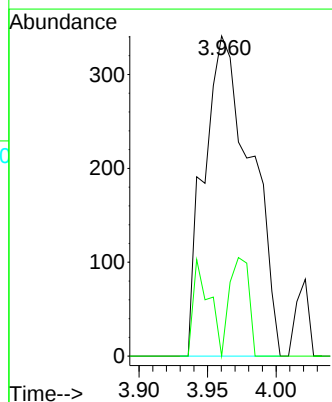
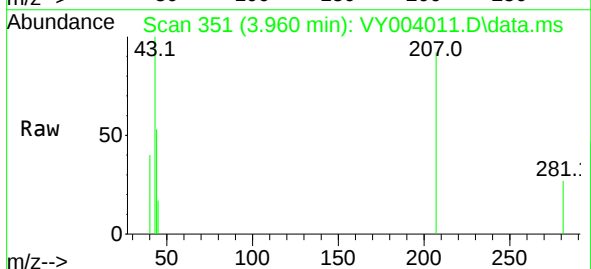
Instrument :
MSVOA_Y
ClientSampleId :

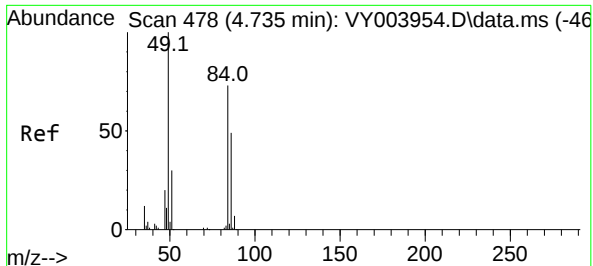
Tgt Ion:168 Resp: 197857
Ion Ratio Lower Upper
168 100
99 55.3 46.1 69.1



#16
Acetone
Concen: 1.52 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

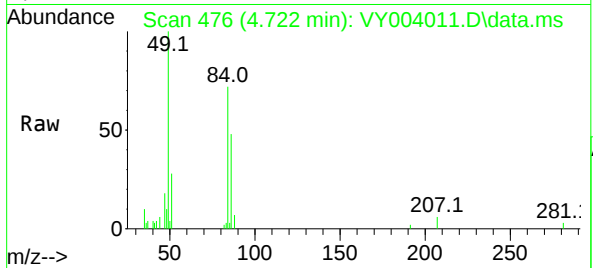
Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



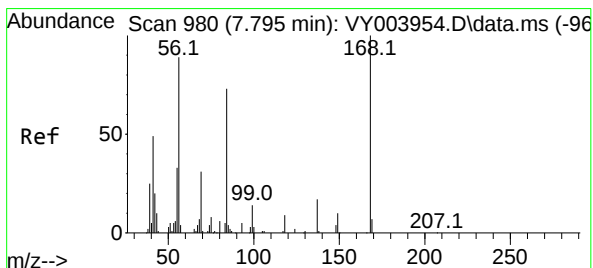
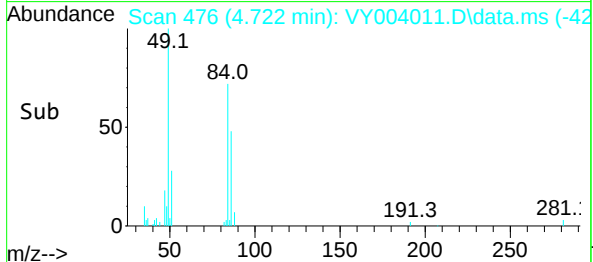
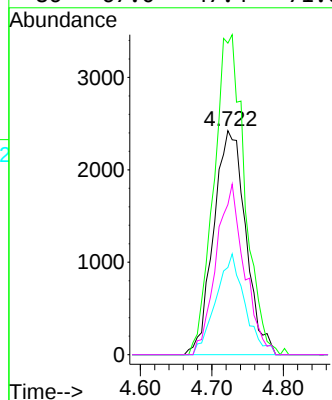


#20
Methylene Chloride
Concen: 3.33 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Instrument :
MSVOA_Y
ClientSampleId :

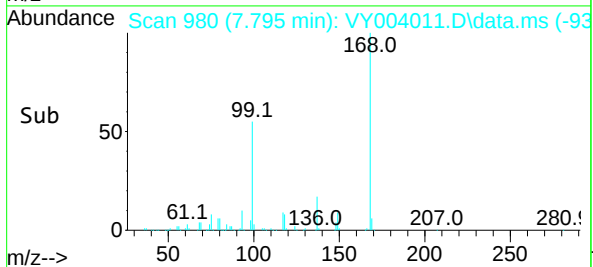
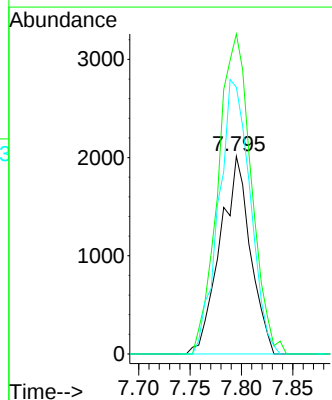
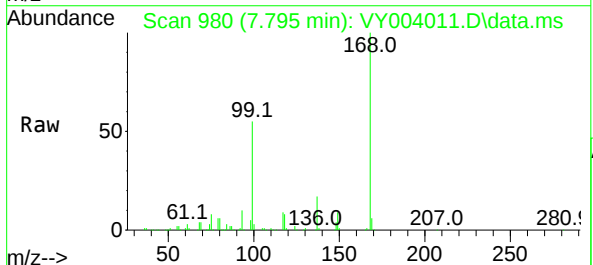


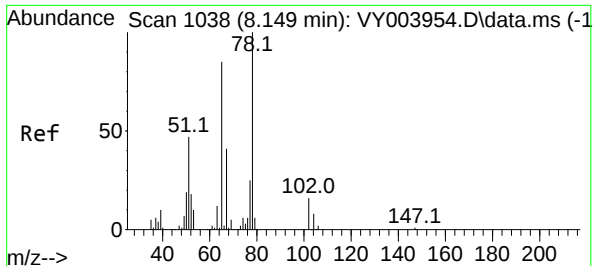
Tgt Ion:	84	Resp:	7540
Ion	Ratio	Lower	Upper
84	100		
49	139.1	107.0	160.4
51	38.9	31.9	47.9
86	67.0	47.4	71.0



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Tgt Ion:	56	Resp:	4124
Ion	Ratio	Lower	Upper
56	100		
69	161.9	25.0	37.4#
84	134.9	64.5	96.7#

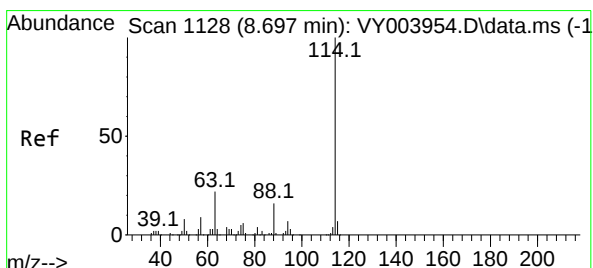
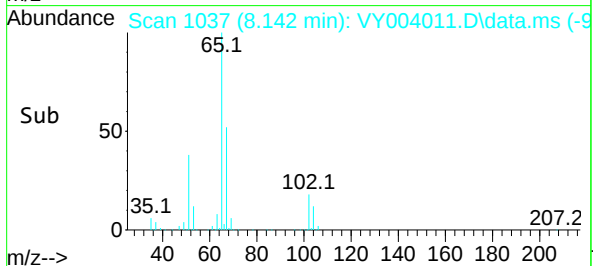
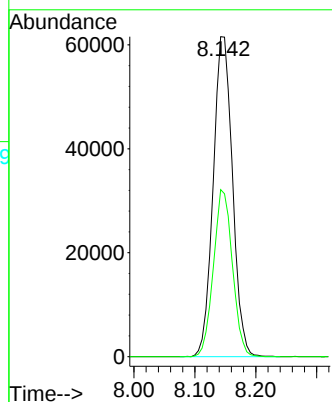
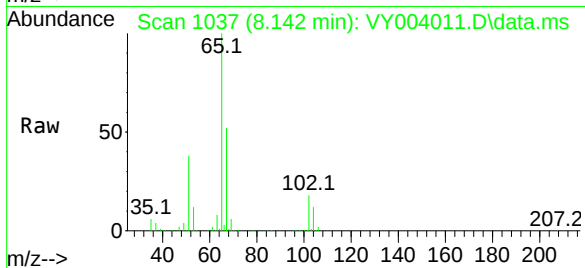




#33
 1,2-Dichloroethane-d4
 Concen: 62.44 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY004011.D
 Acq: 11 Feb 2021 19:07

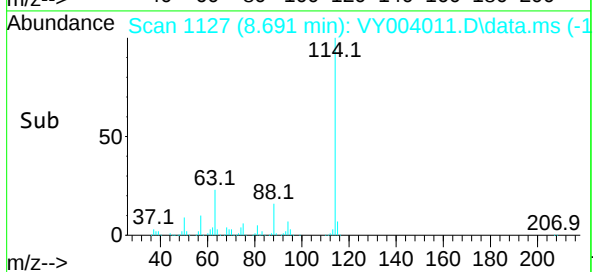
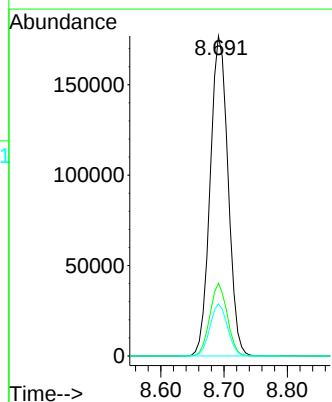
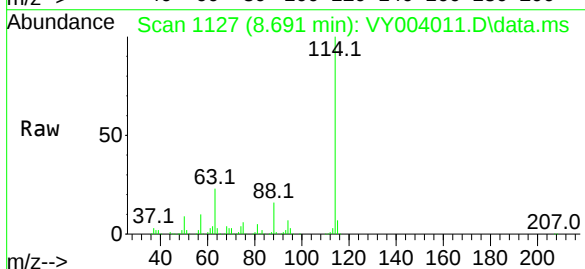
Instrument :
 MSVOA_Y
 ClientSampleId :

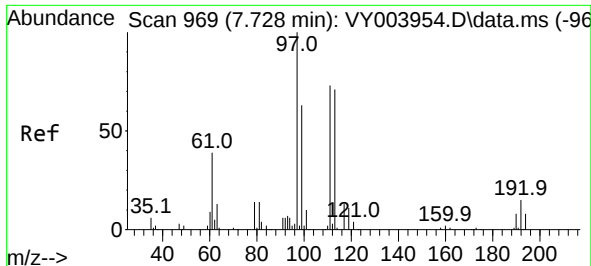
Tgt Ion: 65 Resp: 135840
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY004011.D
 Acq: 11 Feb 2021 19:07

Tgt Ion: 114 Resp: 346439
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 16.3 0.0 30.2

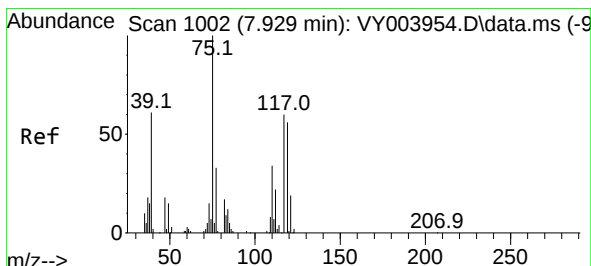
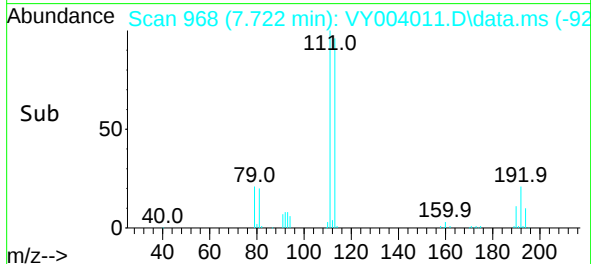
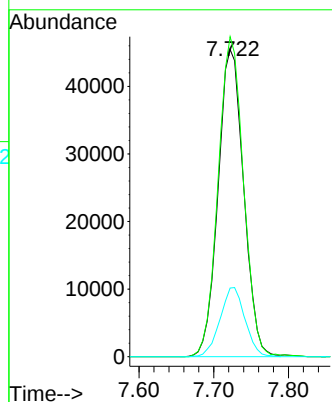
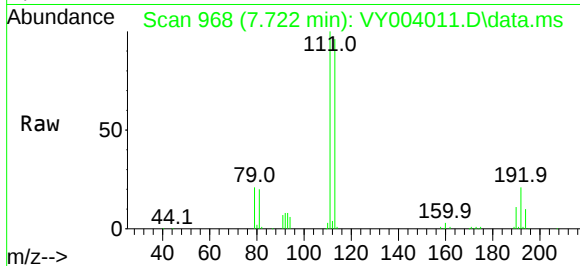




#35
Dibromofluoromethane
Concen: 53.38 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

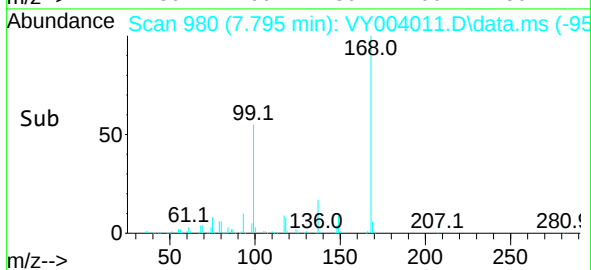
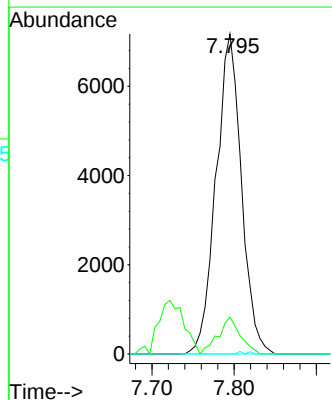
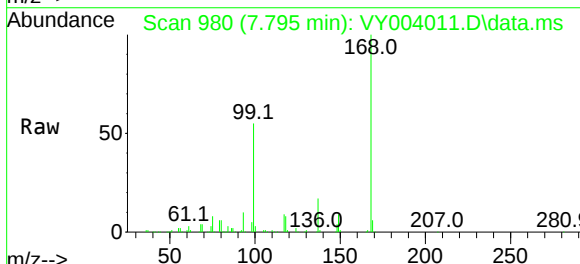
Instrument :
MSVOA_Y
ClientSampleId :

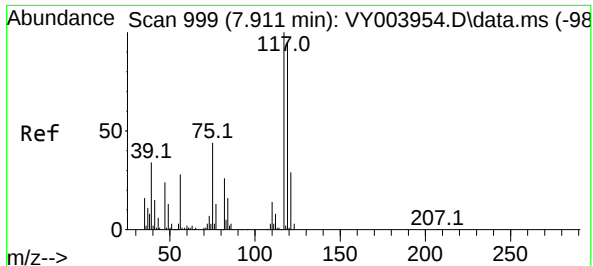
Tgt Ion:113 Resp: 108117
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 22.0 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Tgt Ion: 75 Resp: 15345
Ion Ratio Lower Upper
75 100
110 10.0 17.9 53.8#
77 0.3 24.8 37.2#

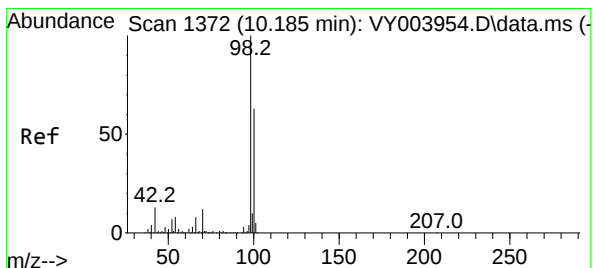
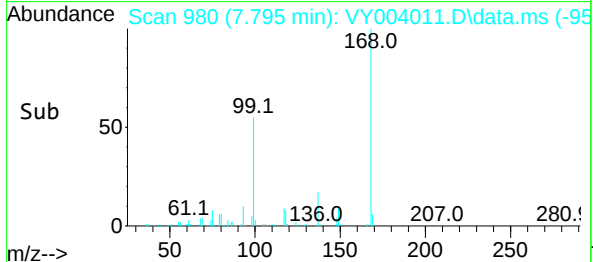
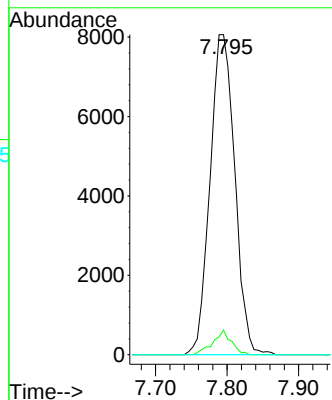
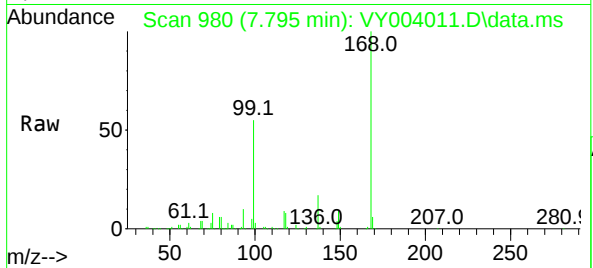




#38
Carbon Tetrachloride
Concen: 5.12 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

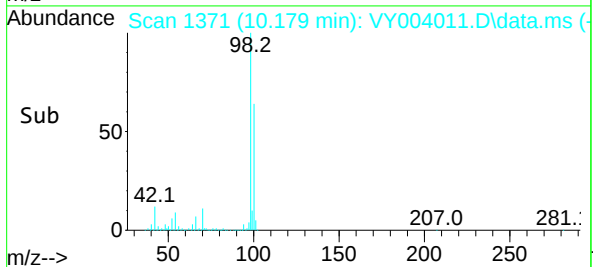
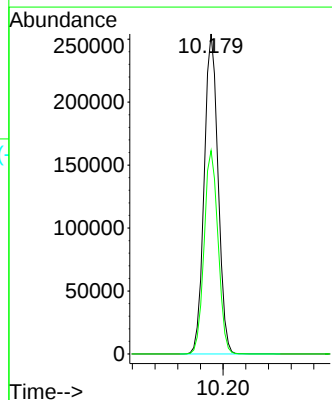
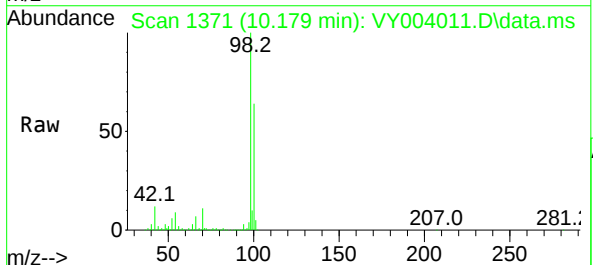
Instrument :
MSVOA_Y
ClientSampleId :

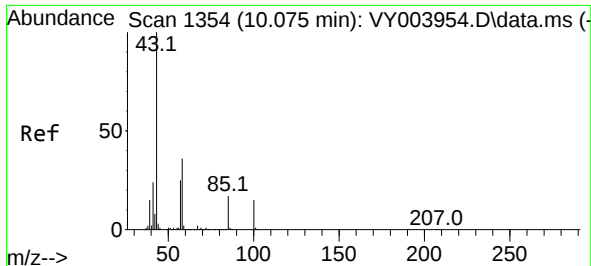
Tgt Ion:117 Resp: 19384
Ion Ratio Lower Upper
117 100
119 7.7 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.32 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Tgt Ion: 98 Resp: 431795
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7

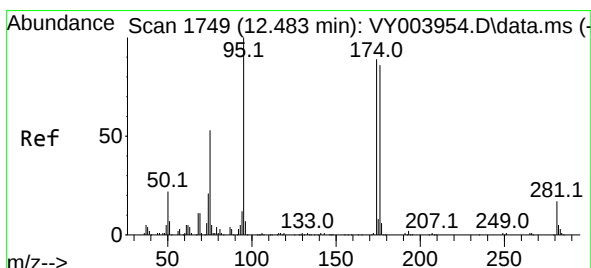
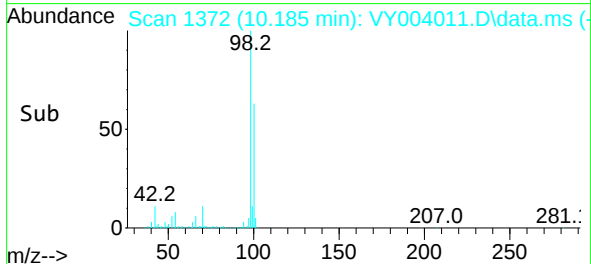
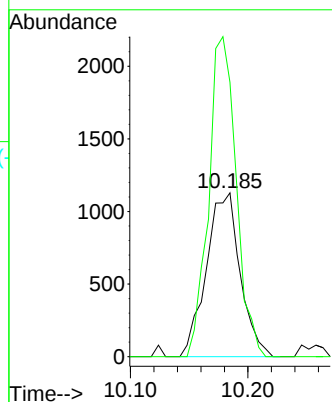
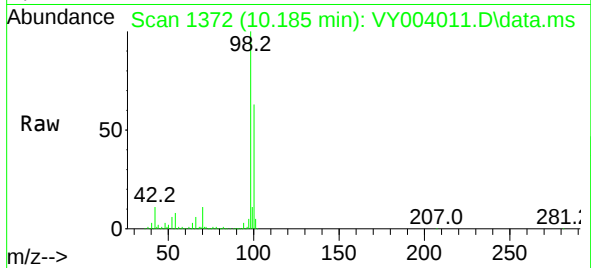




#51
4-Methyl-2-Pentanone
Concen: 1.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

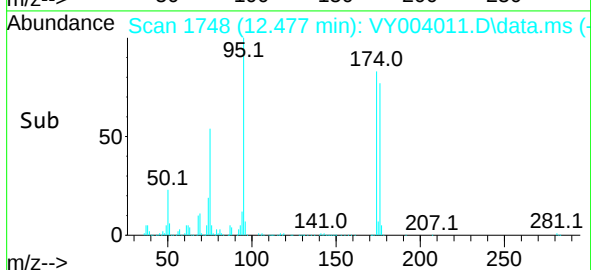
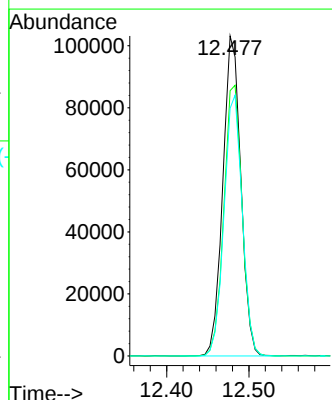
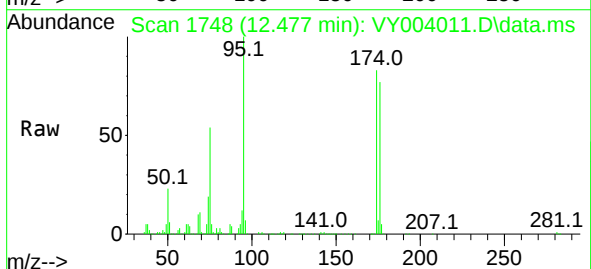
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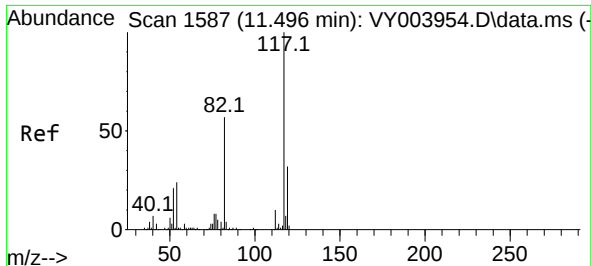
Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
58 159.2 28.6 42.8#



#62
4-Bromofluorobenzene
Concen: 54.13 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Tgt Ion: 95 Resp: 156837
Ion Ratio Lower Upper
95 100
174 85.7 0.0 184.4
176 82.4 0.0 177.2

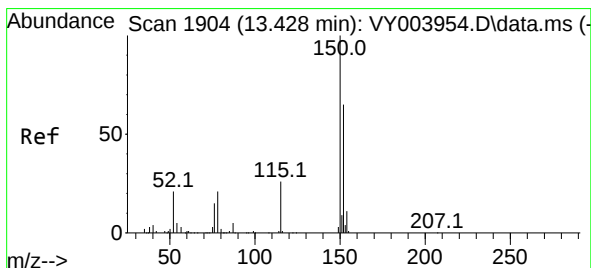
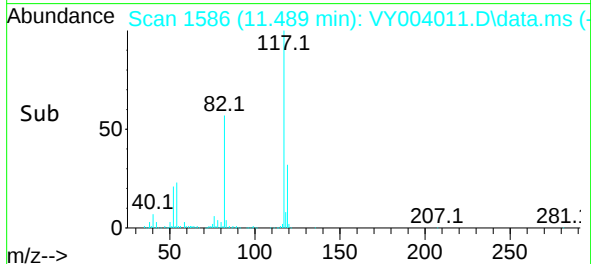
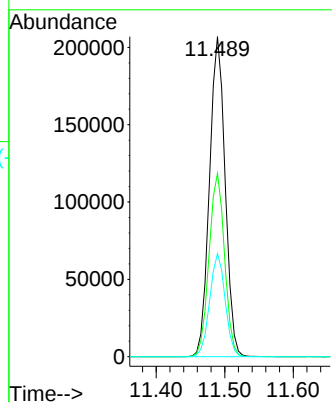
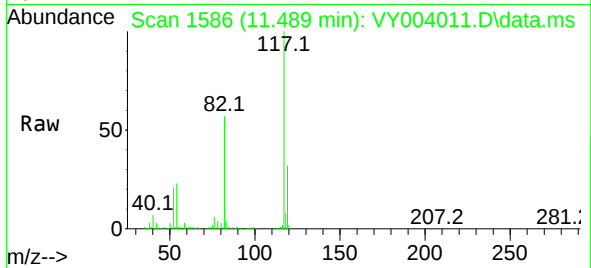




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

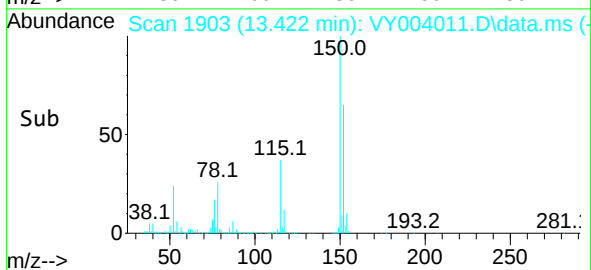
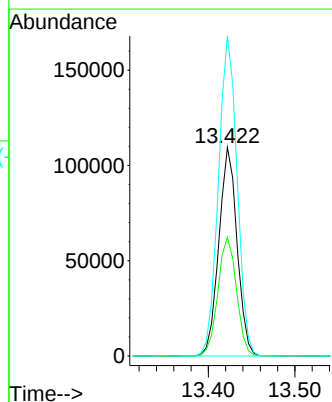
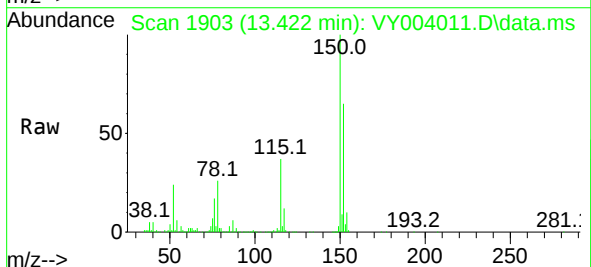
Instrument :
MSVOA_Y
ClientSampleId :

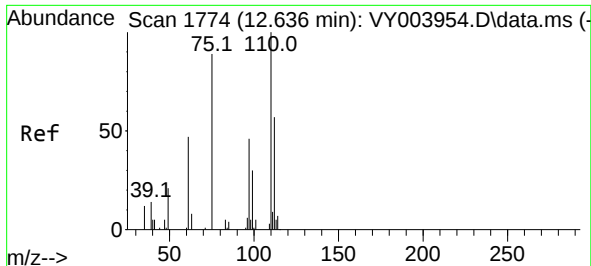
Tgt Ion:117 Resp: 329093
Ion Ratio Lower Upper
117 100
82 57.3 44.3 66.5
119 32.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Tgt Ion:152 Resp: 160087
Ion Ratio Lower Upper
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115 57.8 28.2 84.6
150 157.1 0.0 356.2

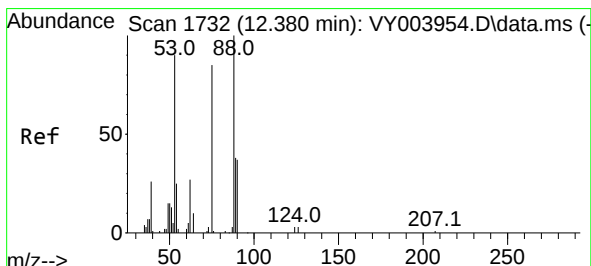
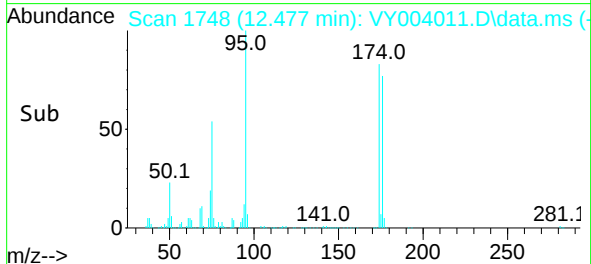
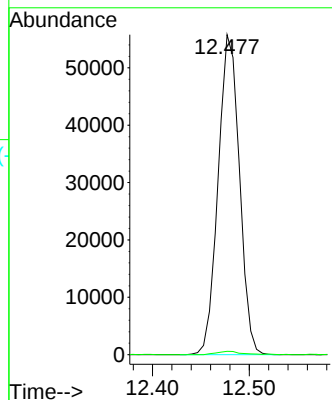
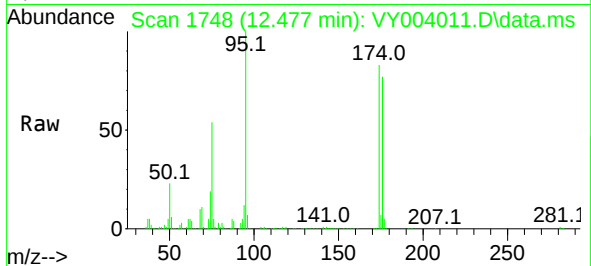




#76
1,2,3-Trichloropropane
Concen: 52.84 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 85222
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.99 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Tgt Ion: 75 Resp: 85222
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.0 34.8 52.2#

