

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004004.D
 Acq On : 11 Feb 2021 16:23
 Operator : SY/MD
 Sample : M1363-03
 Misc : 2.54g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 16:47:19 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)

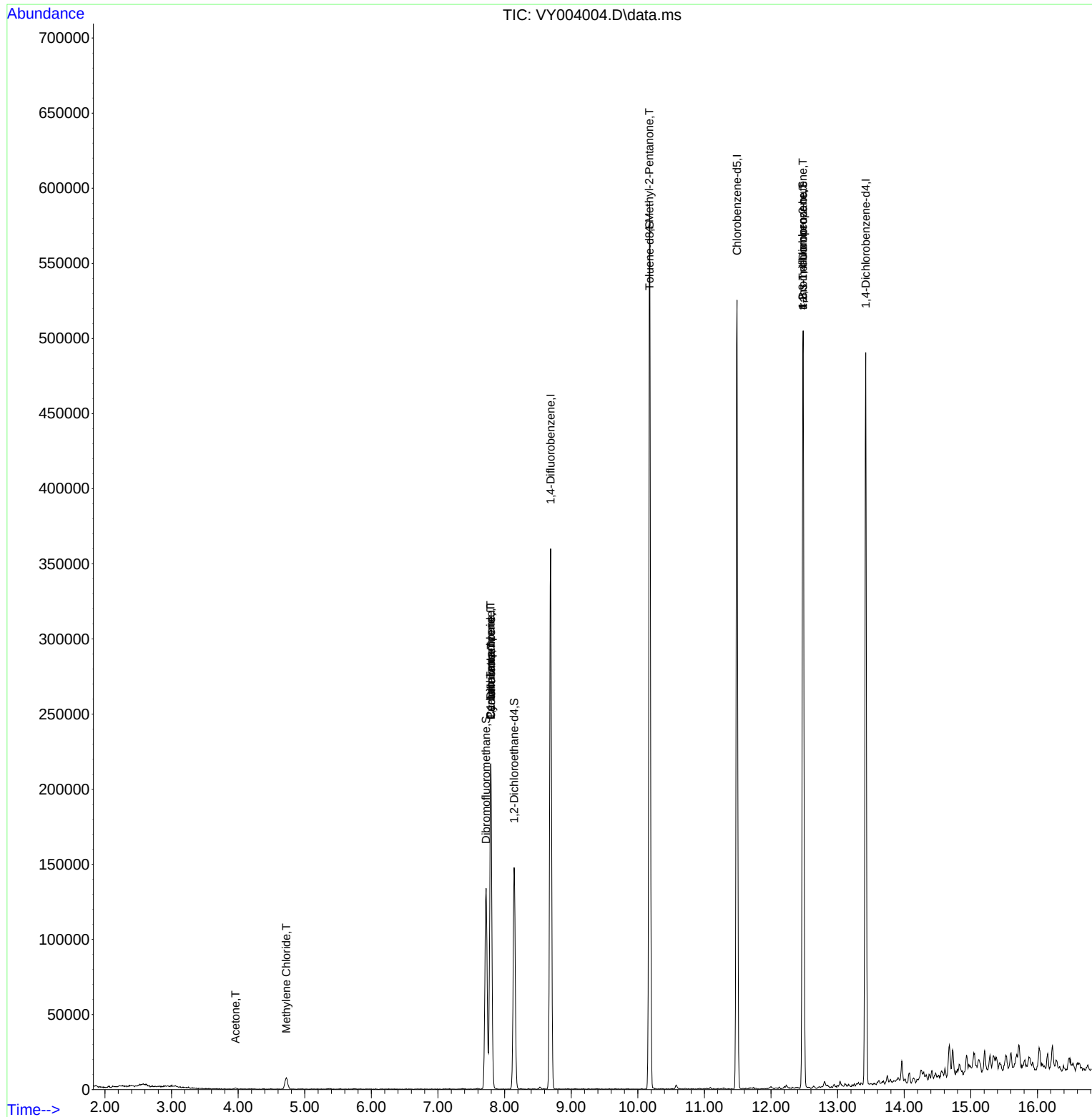
Internal Standards						
1) Pentafluorobenzene	7.795	168	168869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	293666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	269546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	118133	63.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.24%			
35) Dibromofluoromethane	7.722	113	93038	54.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.38%			
50) Toluene-d8	10.179	98	367456	54.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.06%			
62) 4-Bromofluorobenzene	12.477	95	119817	48.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.56%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	176	Below Cal	#	77
16) Acetone	3.960	43	1170	2.57 ug/l	#	81
20) Methylene Chloride	4.722	84	5227	2.70 ug/l		99
31) Cyclohexane	7.795	56	3735	1.20 ug/l	#	12
36) 1,1-Dichloropropene	7.789	75	12817	4.32 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	16386	5.11 ug/l	#	15
51) 4-Methyl-2-Pentanone	10.173	43	1901	1.14 ug/l	#	1
76) 1,2,3-Trichloropropane	12.477	75	66861	55.59 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66861	106.26 ug/l	#	11

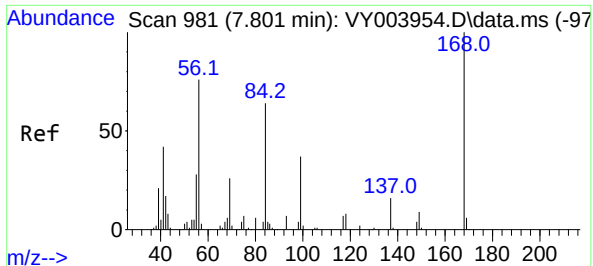
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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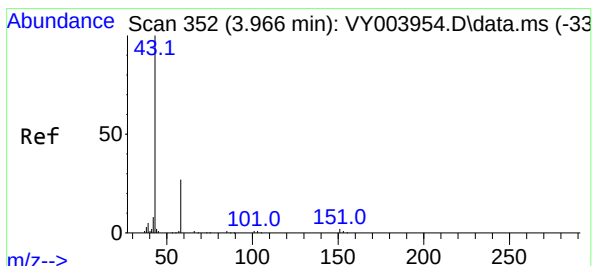
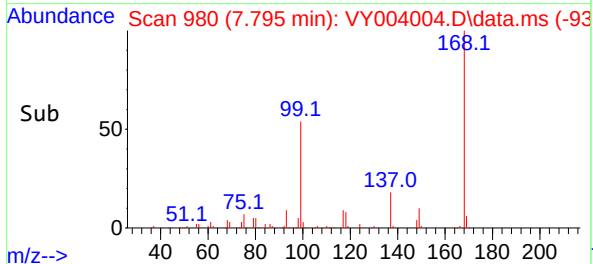
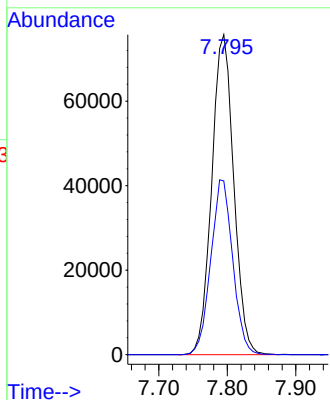
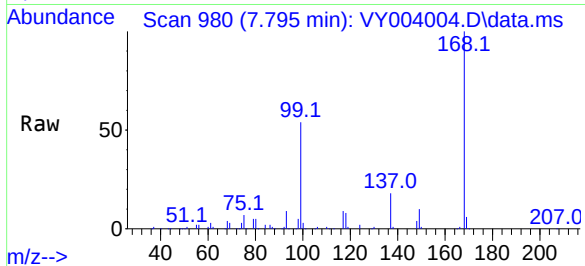




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

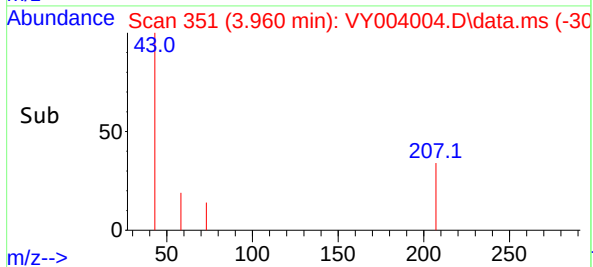
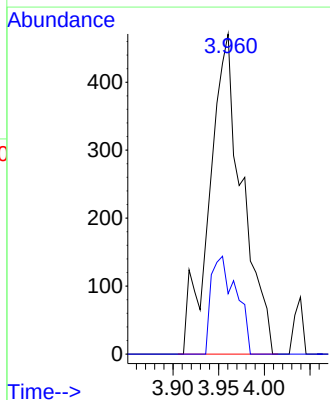
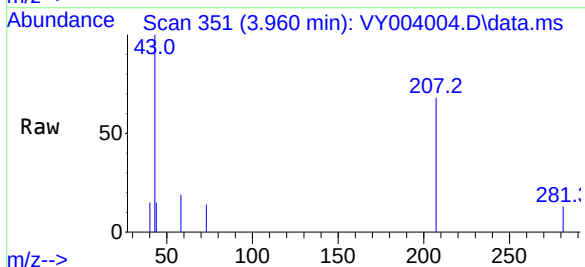
Instrument :
MSVOA_Y
ClientSampled :

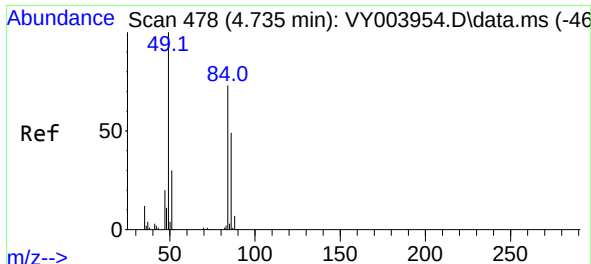
Tgt Ion:168 Resp: 168869
Ion Ratio Lower Upper
168 100
99 54.3 46.1 69.1



#16
Acetone
Concen: 2.57 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 18.9 23.4 35.0#



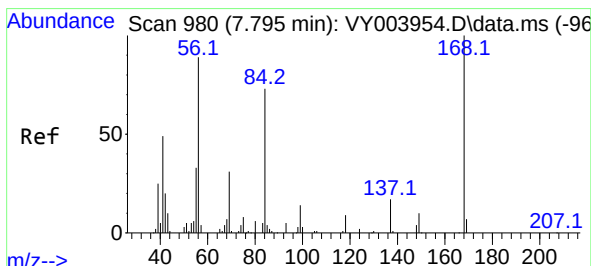
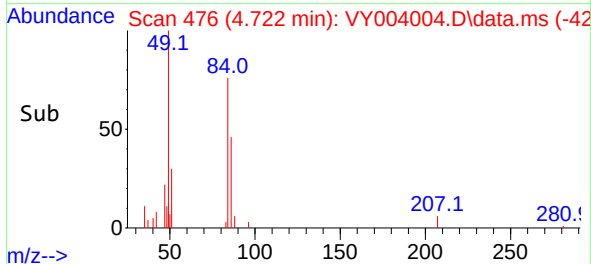
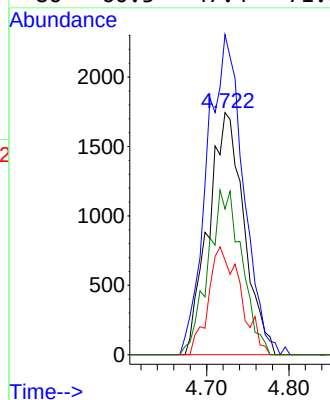
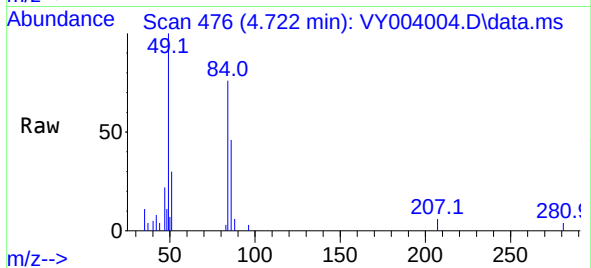


#20
Methylene Chloride
Concen: 2.70 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5227

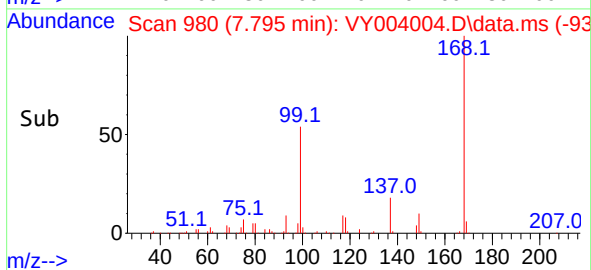
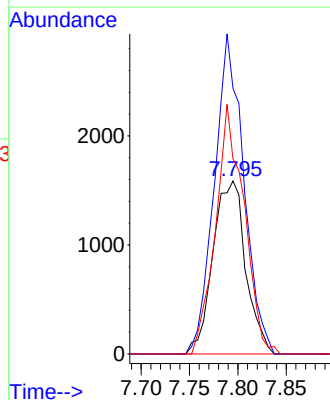
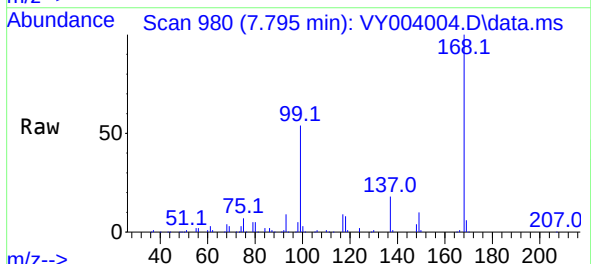
Ion	Ratio	Lower	Upper
84	100		
49	132.2	107.0	160.4
51	39.2	31.9	47.9
86	60.3	47.4	71.0

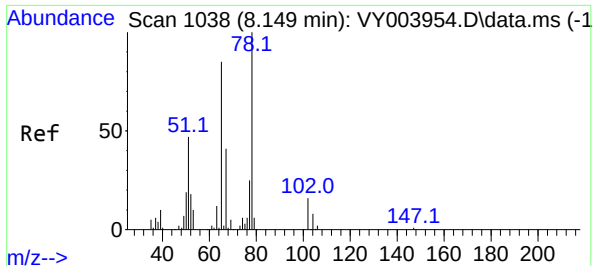


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Tgt Ion: 56 Resp: 3735

Ion	Ratio	Lower	Upper
56	100		
69	153.5	25.0	37.4#
84	112.7	64.5	96.7#

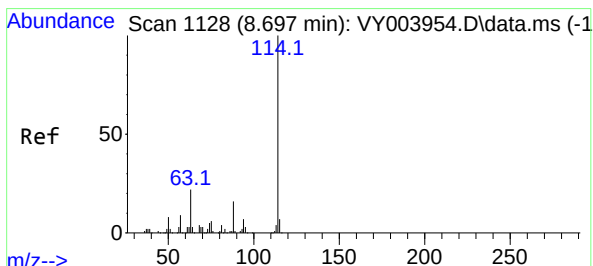
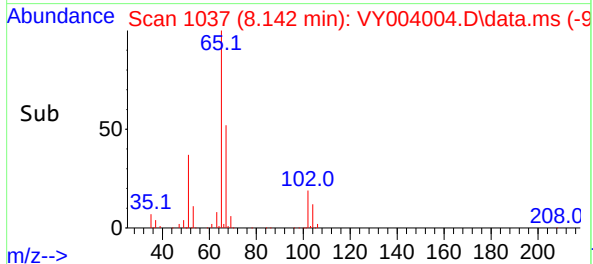
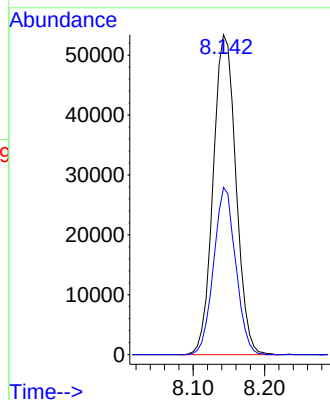
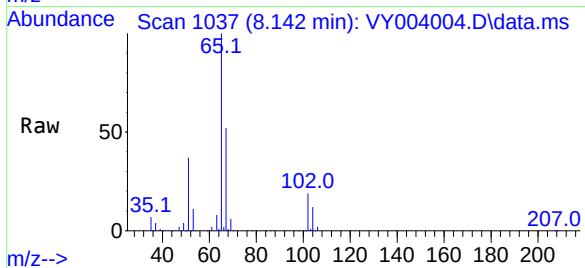




#33
1,2-Dichloroethane-d4
Concen: 63.62 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

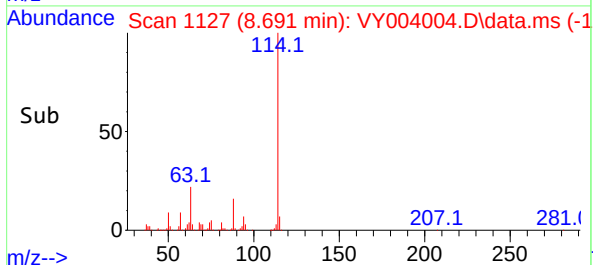
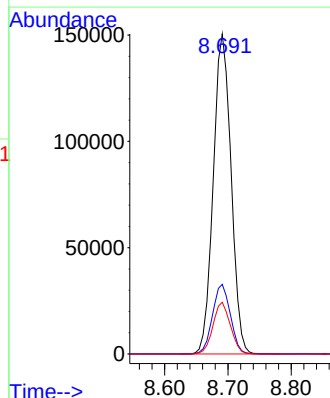
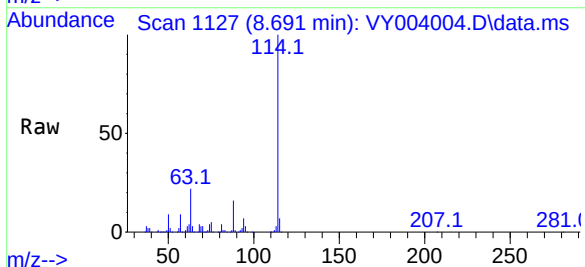
Instrument :
MSVOA_Y
ClientSampled :

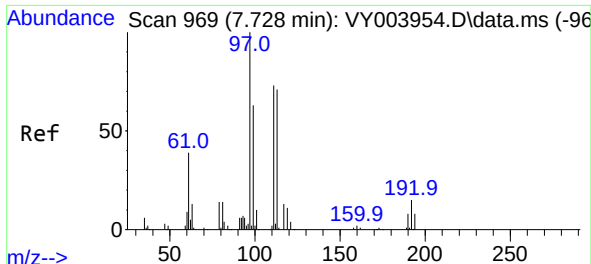
Tgt Ion: 65 Resp: 118133
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Tgt Ion:114 Resp: 293666
Ion Ratio Lower Upper
114 100
63 21.8 0.0 47.2
88 16.2 0.0 30.2

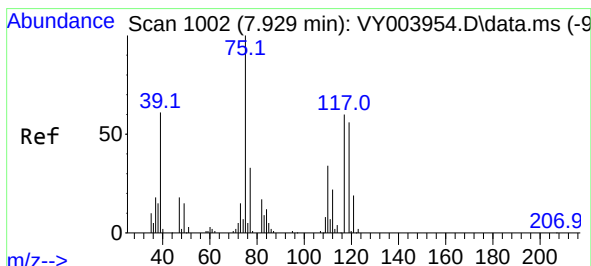
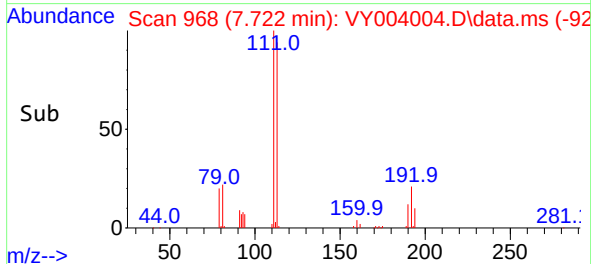
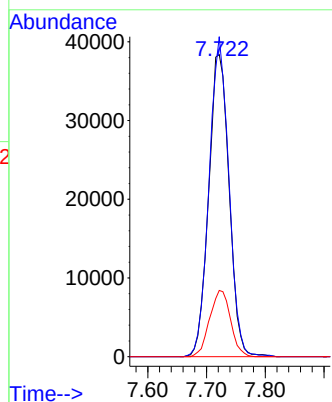
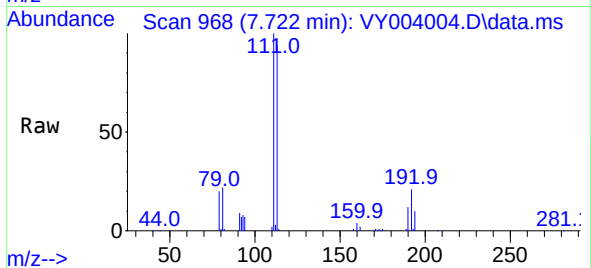




#35
Dibromofluoromethane
Concen: 54.19 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

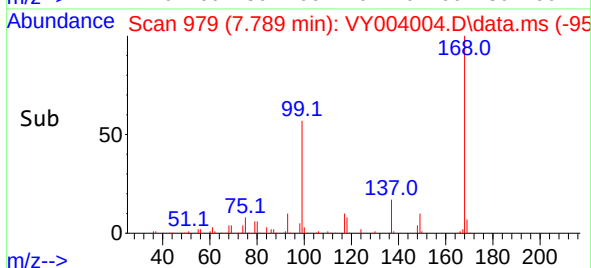
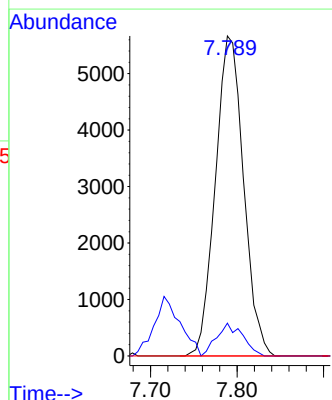
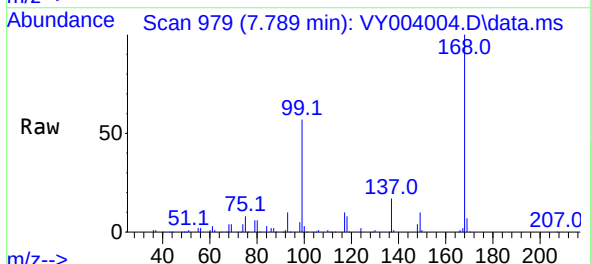
Instrument :
MSVOA_Y
ClientSampleId :

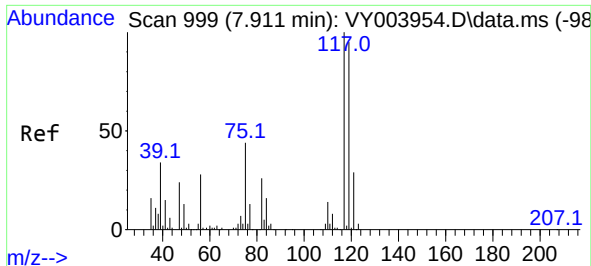
Tgt Ion:113 Resp: 93038
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 22.3 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

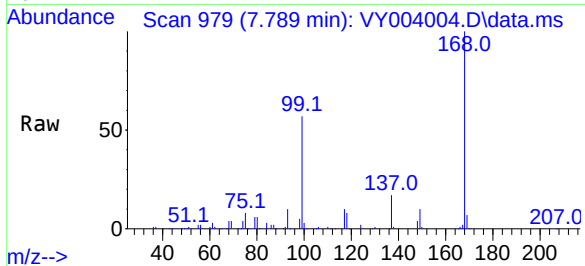
Tgt Ion: 75 Resp: 12817
Ion Ratio Lower Upper
75 100
110 9.5 17.9 53.8#
77 0.0 24.8 37.2#



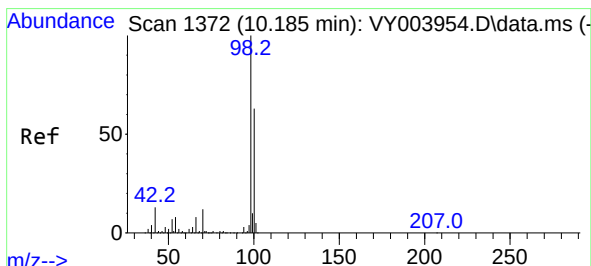
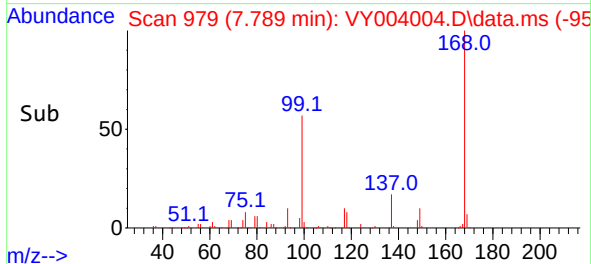
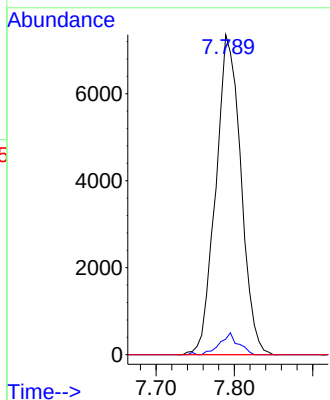


#38
Carbon Tetrachloride
Concen: 5.11 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Instrument :
MSVOA_Y
ClientSampled :

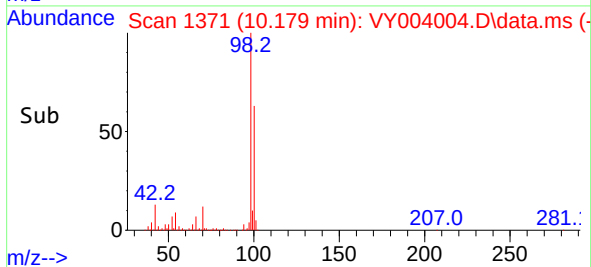
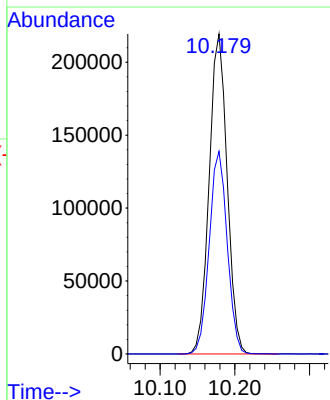
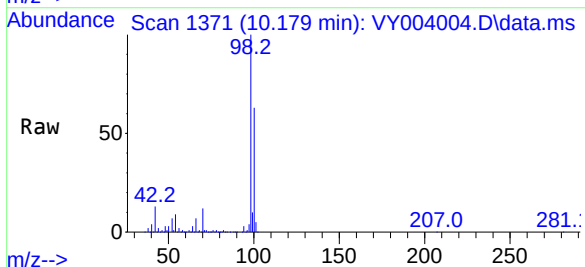


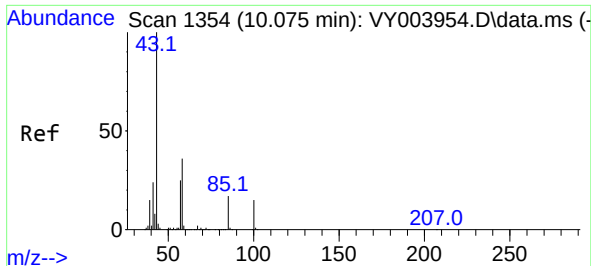
Tgt Ion:117 Resp: 16386
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.53 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Tgt Ion: 98 Resp: 367456
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7

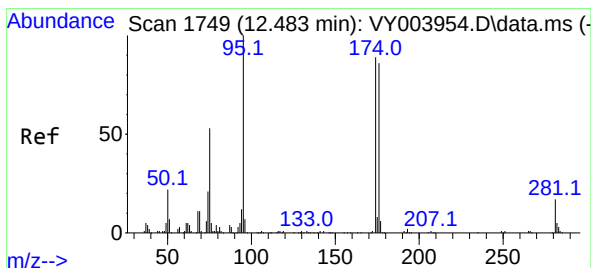
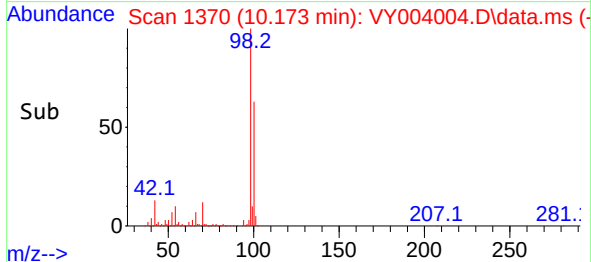
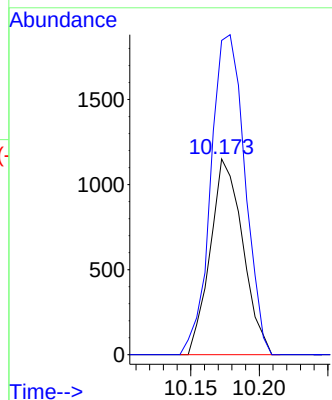
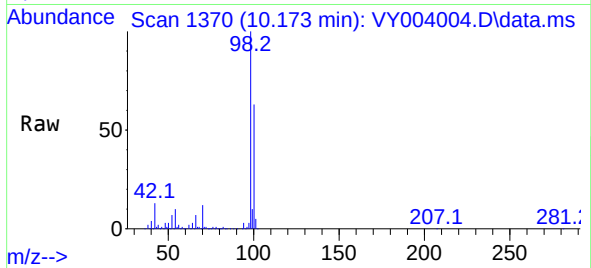




#51
4-Methyl-2-Pentanone
Concen: 1.14 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.098 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

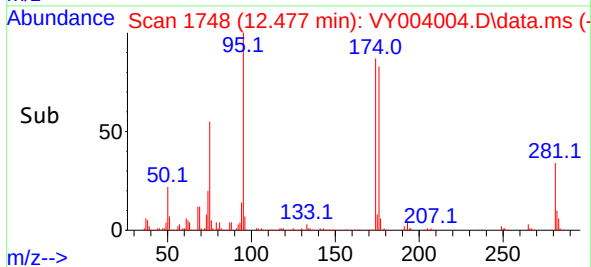
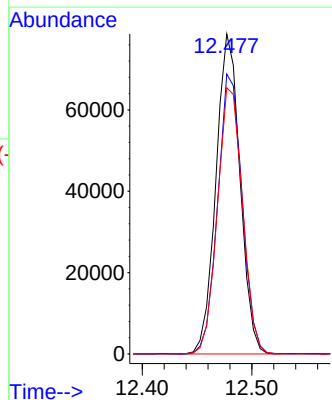
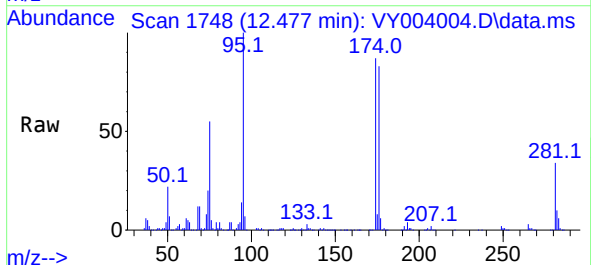
Instrument :
MSVOA_Y
ClientSampled :

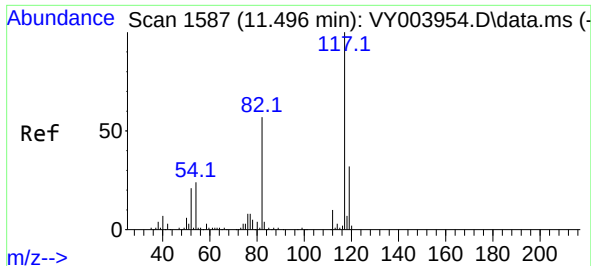
Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
58 171.2 28.6 42.8#



#62
4-Bromofluorobenzene
Concen: 48.78 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

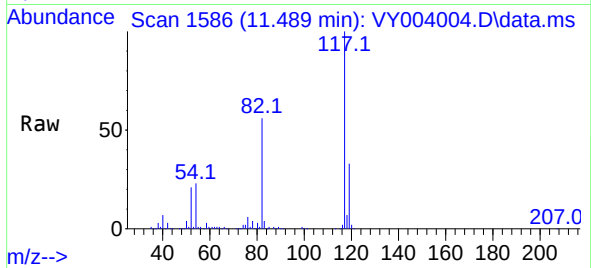
Tgt Ion: 95 Resp: 119817
Ion Ratio Lower Upper
95 100
174 88.8 0.0 184.4
176 86.6 0.0 177.2





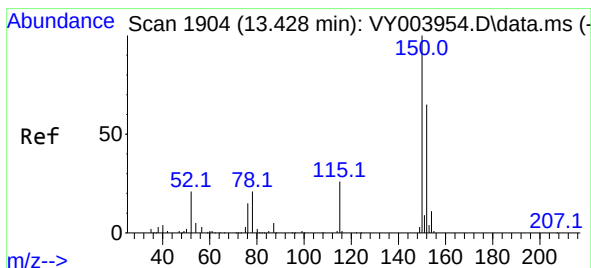
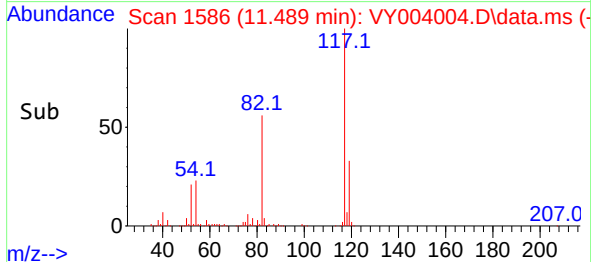
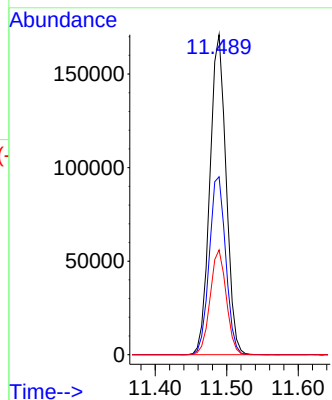
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:117 Resp: 269546

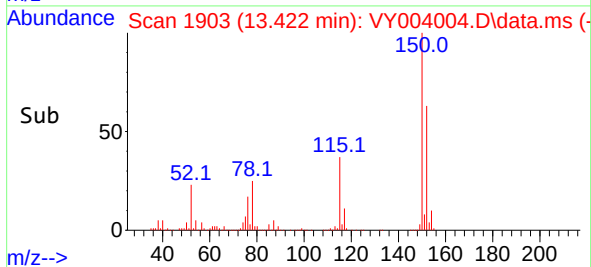
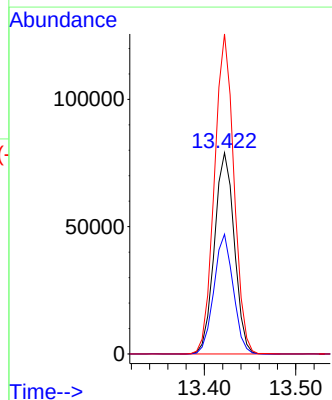
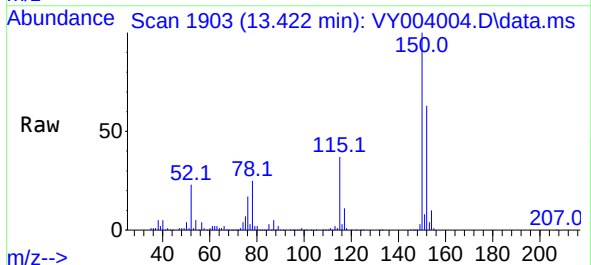
Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	32.8	25.0	37.6

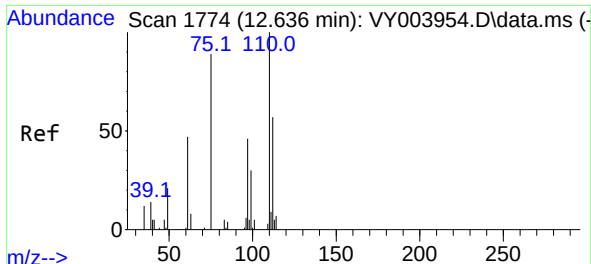


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Tgt Ion:152 Resp: 119378

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.2	84.6
150	156.0	0.0	356.2

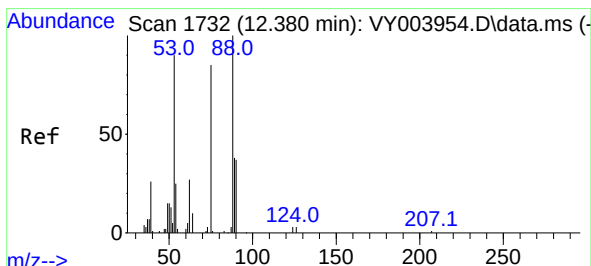
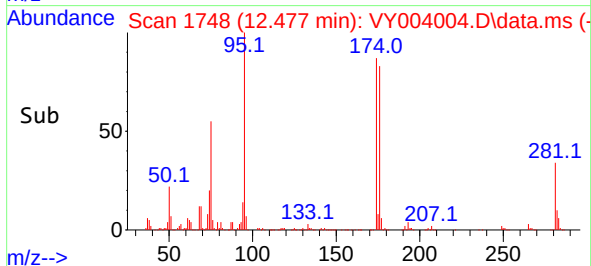
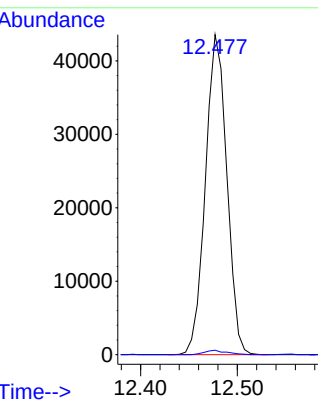
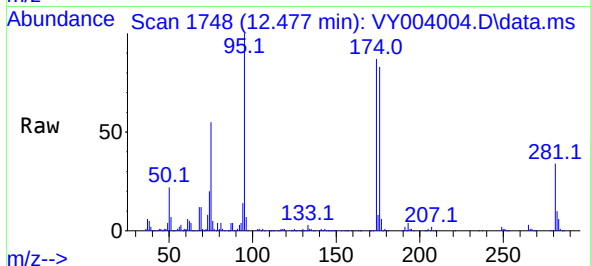




#76
1,2,3-Trichloropropane
Concen: 55.59 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 66861
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.26 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY004004.D
Acq: 11 Feb 2021 16:23

Tgt Ion: 75 Resp: 66861
Ion Ratio Lower Upper
75 100
53 0.1 78.2 117.2#
89 0.0 34.8 52.2#

