

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004012.D
 Acq On : 11 Feb 2021 19:30
 Operator : SY/MD
 Sample : M1395-02
 Misc : 5.08g/5mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 00:12:45 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)

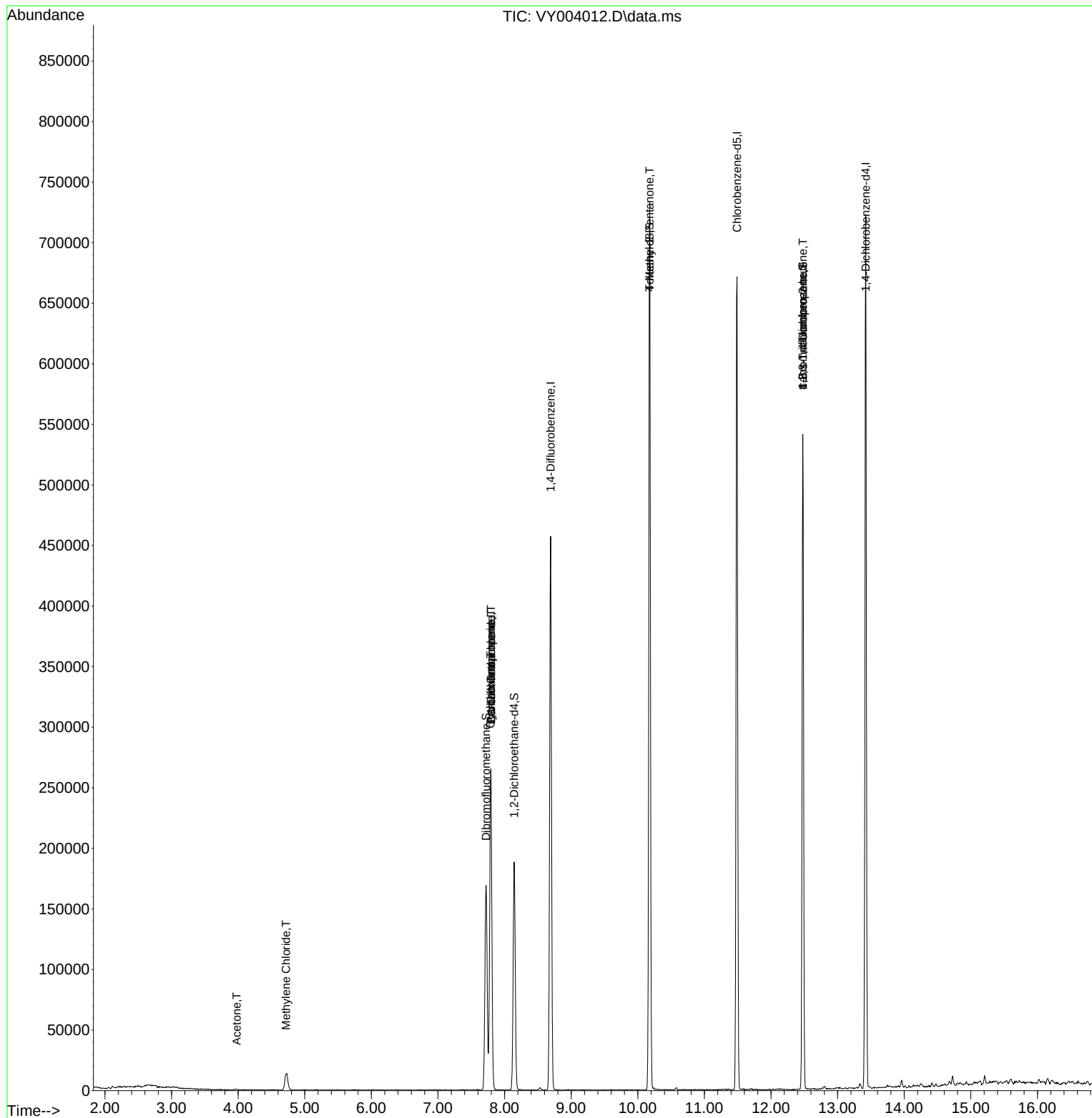
Internal Standards						
1) Pentafluorobenzene	7.795	168	209253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	368861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	353256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	146612	63.72	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 127.44%		
35) Dibromofluoromethane	7.722	113	118024	54.73	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.46%		
50) Toluene-d8	10.179	98	459921	54.34	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.68%		
62) 4-Bromofluorobenzene	12.477	95	167097	54.16	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.32%		
Target Compounds						
11) Tert butyl alcohol	4.966	59	110	Below Cal	#	77
16) Acetone	3.979	43	1222	2.16	ug/l #	80
20) Methylene Chloride	4.716	84	10466	4.36	ug/l	91
31) Cyclohexane	7.789	56	4490	1.16	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15644	4.19	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19571	4.86	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	2660	1.27	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	86265	50.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	86265	96.23	ug/l #	11

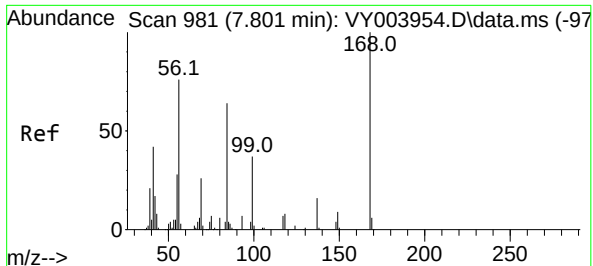
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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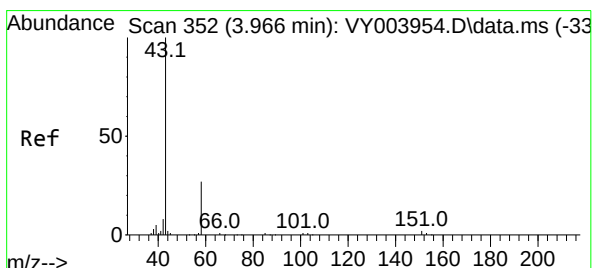
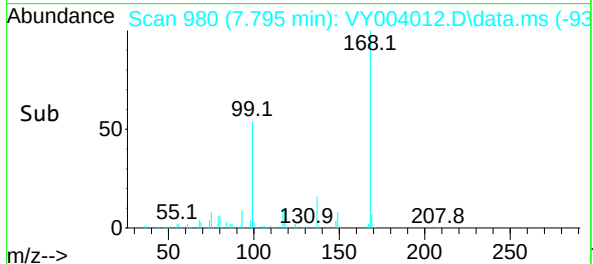
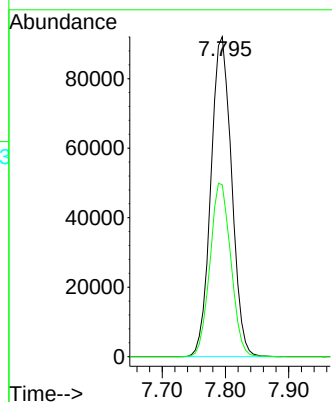
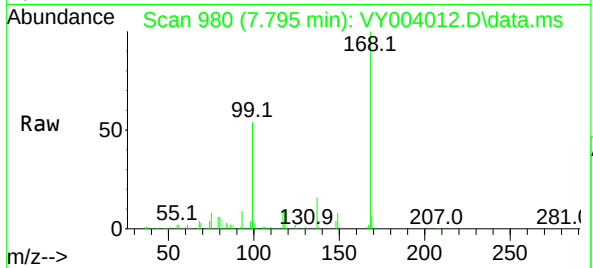




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

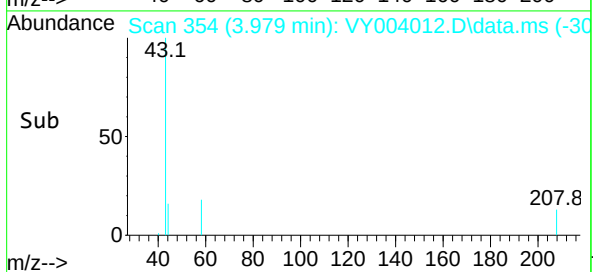
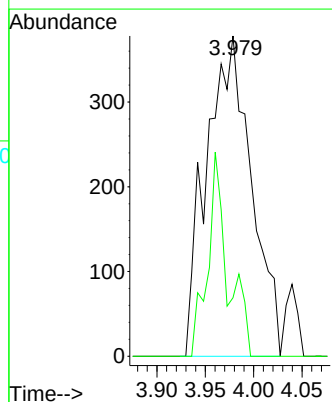
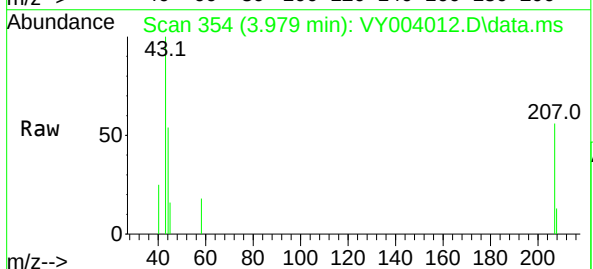
Instrument :
MSVOA_Y
ClientSampleId :

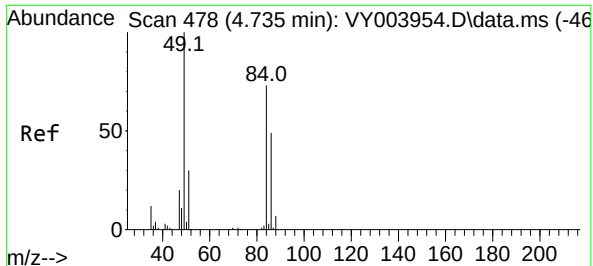
Tgt Ion:168 Resp: 209253
Ion Ratio Lower Upper
168 100
99 53.7 46.1 69.1



#16
Acetone
Concen: 2.16 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 18.3 23.4 35.0#





#20

Methylene Chloride

Concen: 4.36 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.018 min

Lab File: VY004012.D

Acq: 11 Feb 2021 19:30

Tgt Ion: 84 Resp: 10466

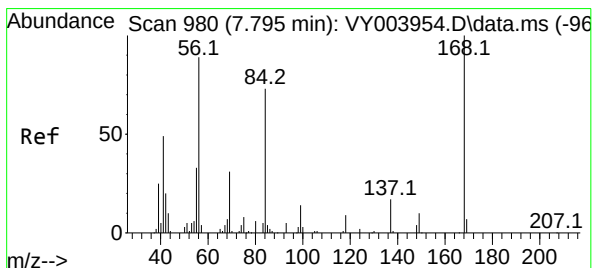
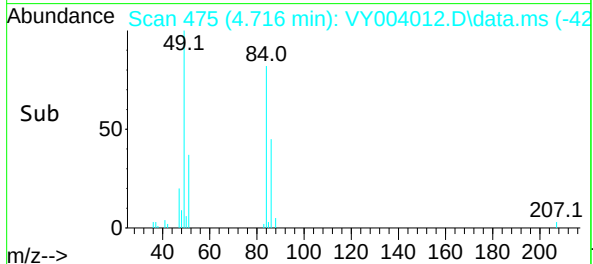
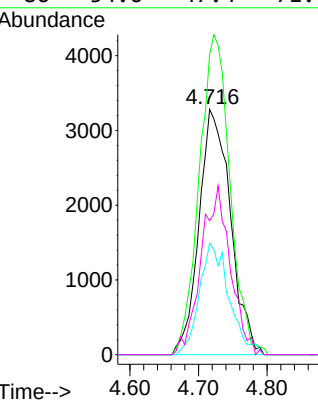
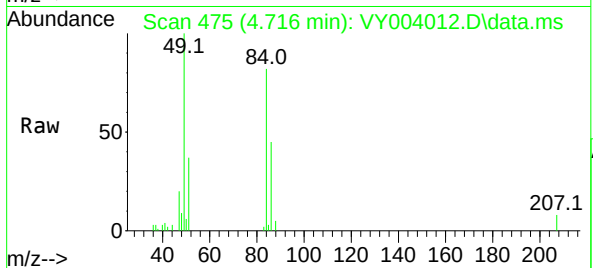
Ion Ratio Lower Upper

84 100

49 122.4 107.0 160.4

51 45.5 31.9 47.9

86 54.6 47.4 71.0



#31

Cyclohexane

Concen: 1.16 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY004012.D

Acq: 11 Feb 2021 19:30

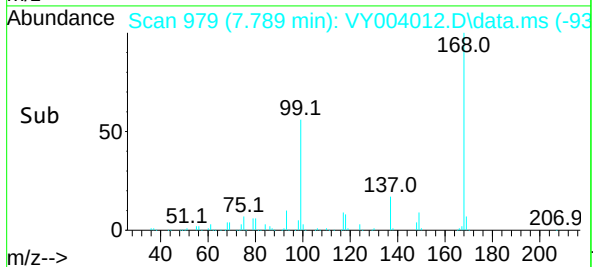
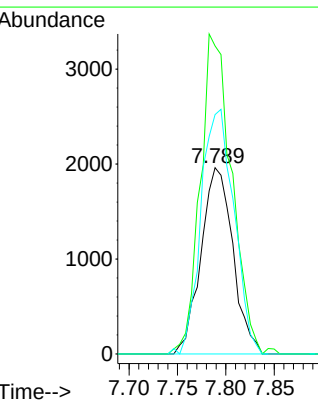
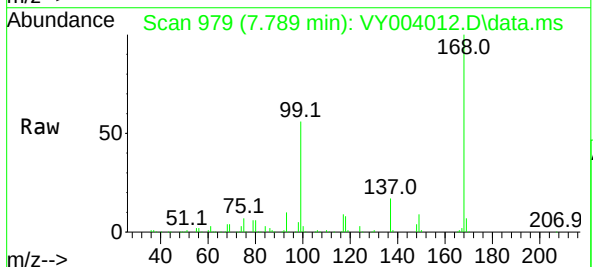
Tgt Ion: 56 Resp: 4490

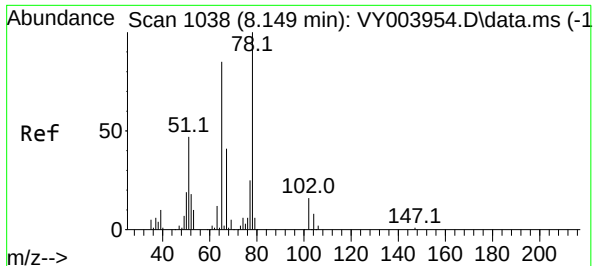
Ion Ratio Lower Upper

56 100

69 165.4 25.0 37.4#

84 128.5 64.5 96.7#

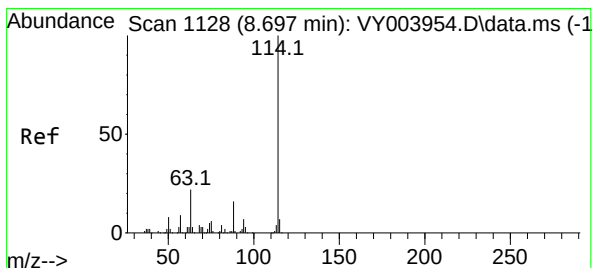
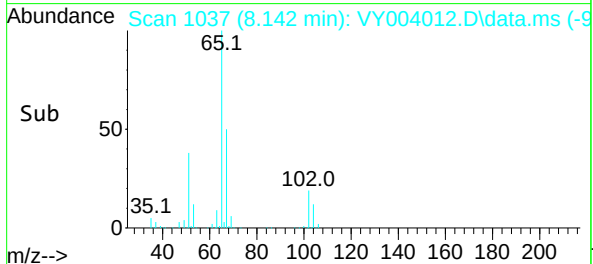
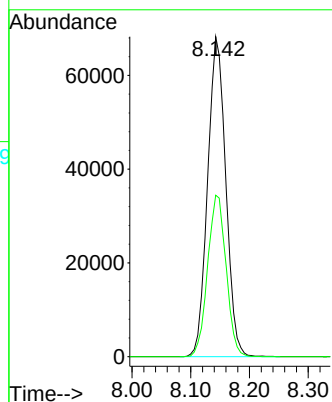
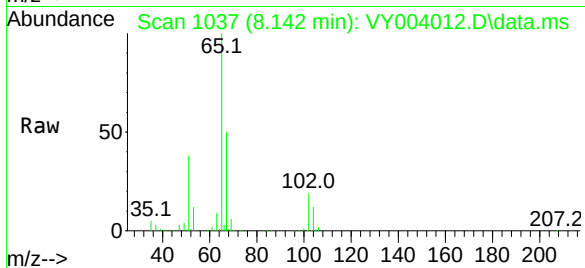




#33
1,2-Dichloroethane-d4
Concen: 63.72 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

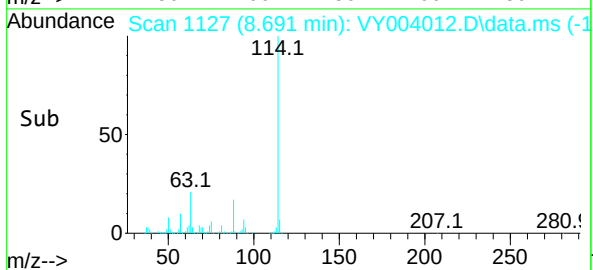
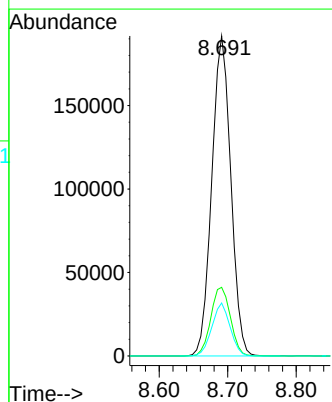
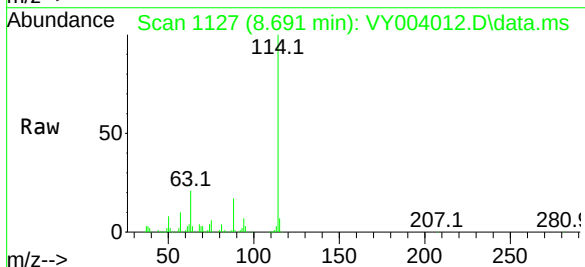
Instrument :
MSVOA_Y
ClientSampleId :

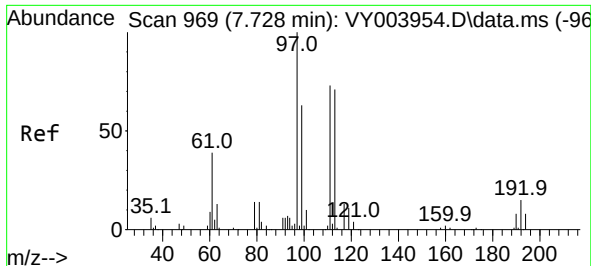
Tgt Ion: 65 Resp: 146612
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion:114 Resp: 368861
Ion Ratio Lower Upper
114 100
63 21.4 0.0 47.2
88 16.5 0.0 30.2

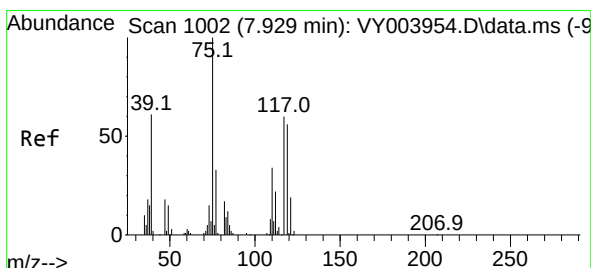
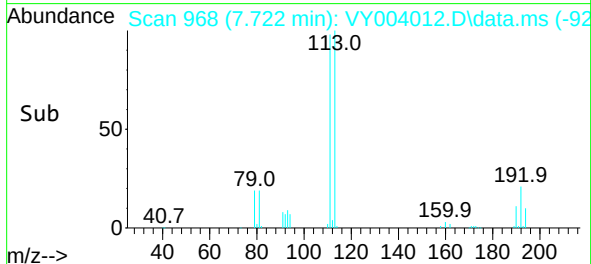
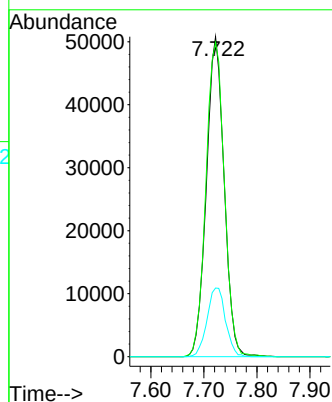
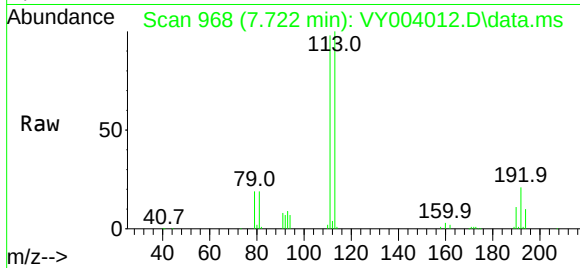




#35
Dibromofluoromethane
Concen: 54.73 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

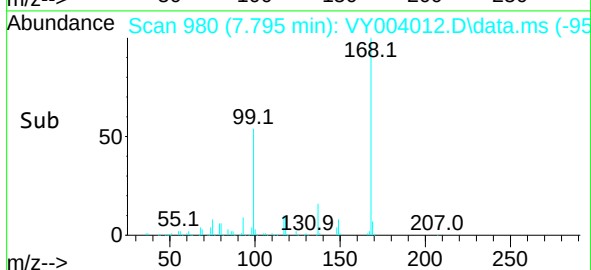
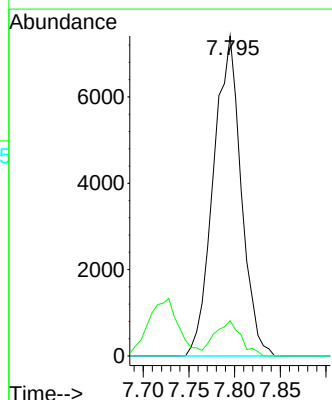
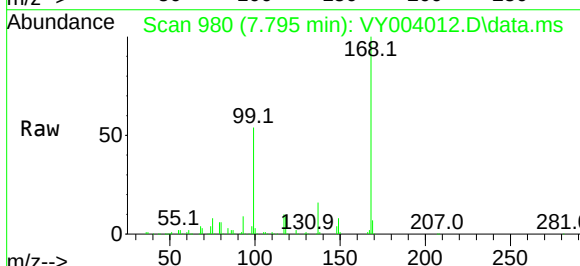
Instrument :
MSVOA_Y
ClientSampleId :

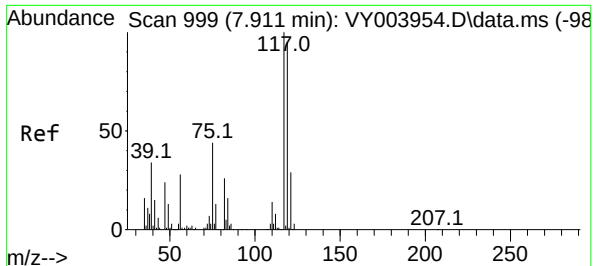
Tgt Ion:113 Resp: 118024
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 22.4 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion: 75 Resp: 15644
Ion Ratio Lower Upper
75 100
110 10.3 17.9 53.8#
77 0.0 24.8 37.2#

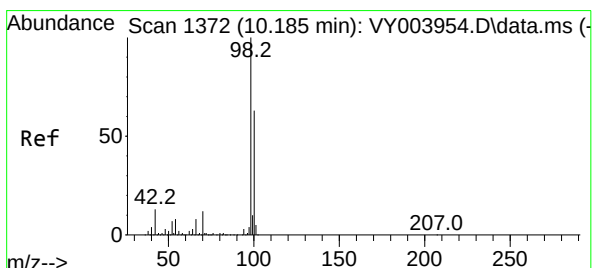
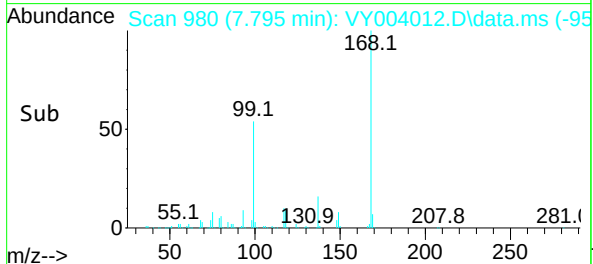
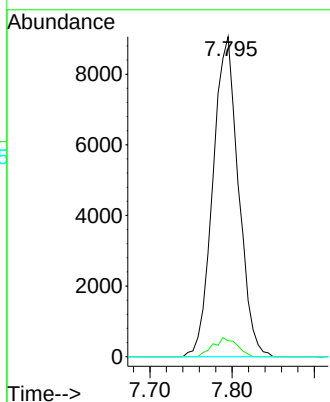
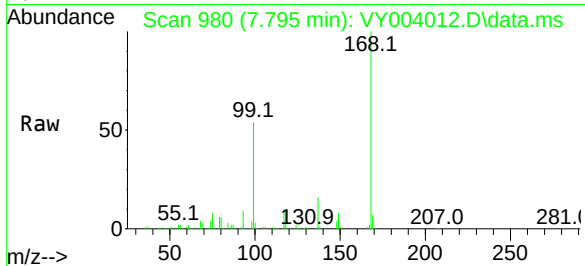




#38
Carbon Tetrachloride
Concen: 4.86 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

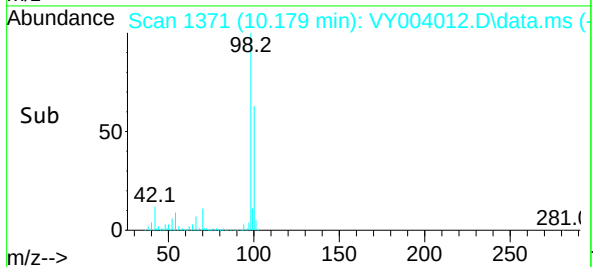
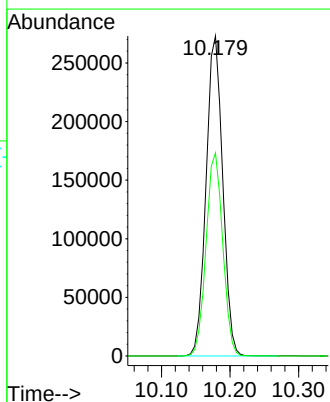
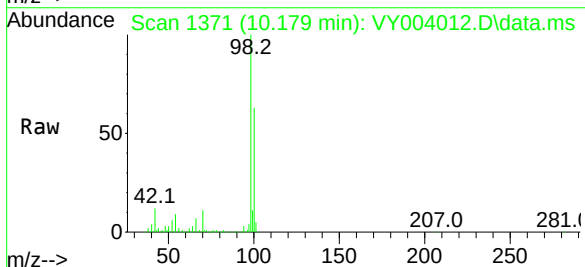
Instrument :
MSVOA_Y
ClientSampleId :

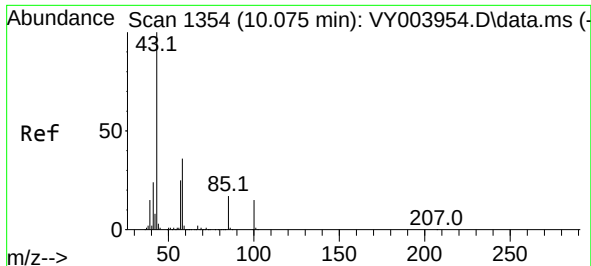
Tgt Ion:117 Resp: 19571
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.34 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion: 98 Resp: 459921
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7

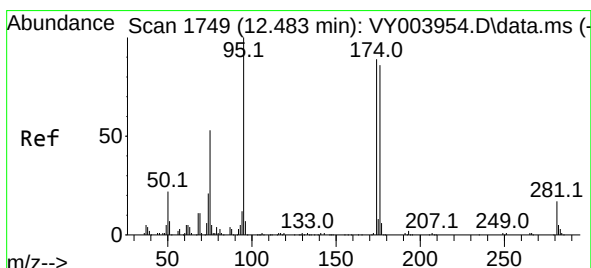
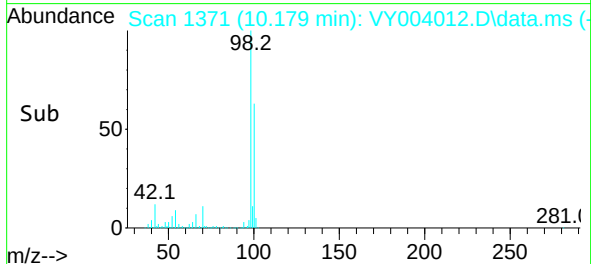
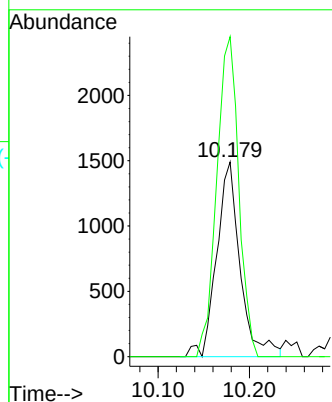
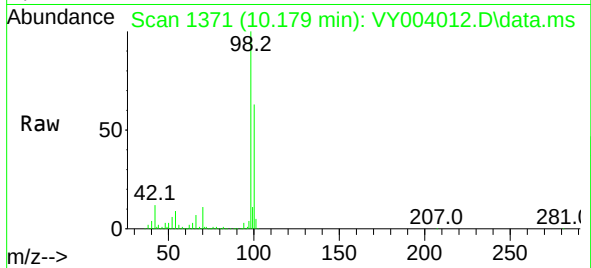




#51
4-Methyl-2-Pentanone
Concen: 1.27 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

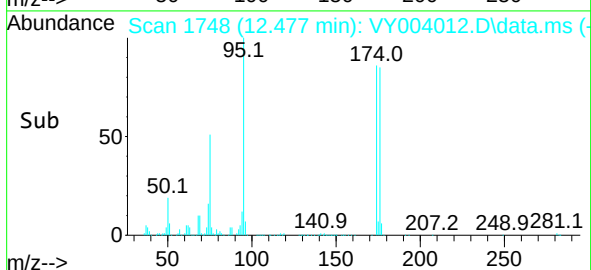
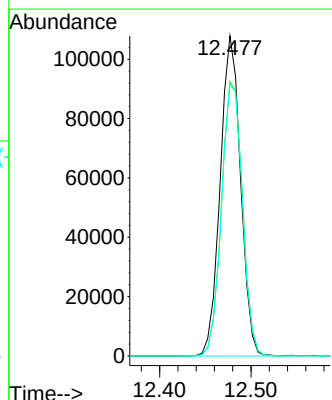
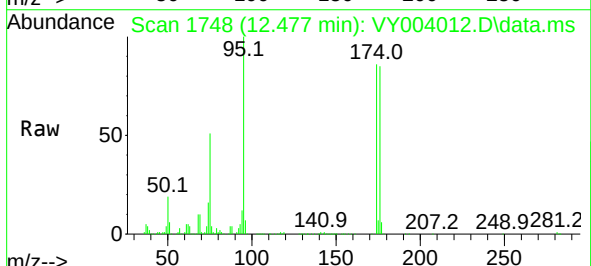
Instrument :
MSVOA_Y
ClientSampled :

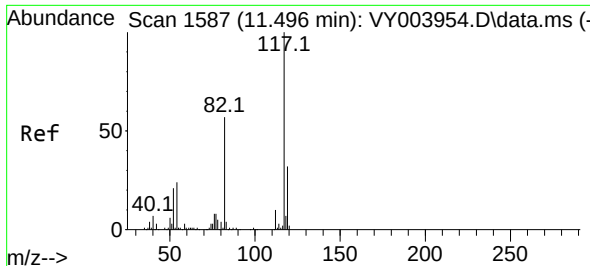
Tgt Ion: 43 Resp: 2660
Ion Ratio Lower Upper
43 100
58 154.0 28.6 42.8#



#62
4-Bromofluorobenzene
Concen: 54.16 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion: 95 Resp: 167097
Ion Ratio Lower Upper
95 100
174 88.2 0.0 184.4
176 87.4 0.0 177.2

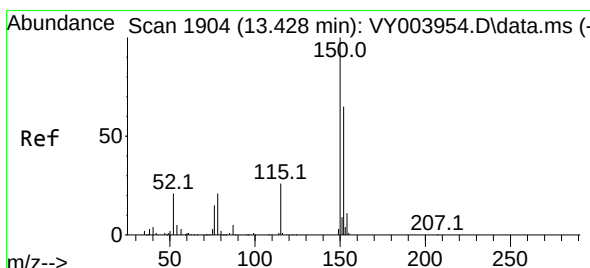
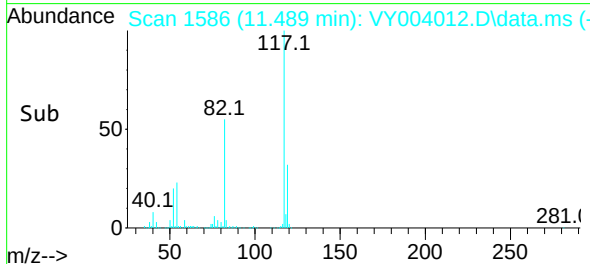
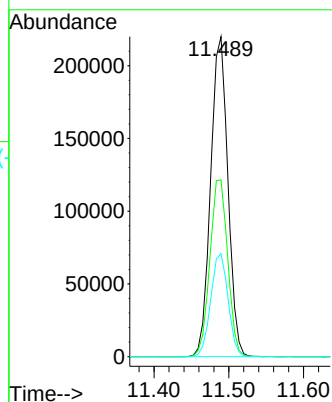
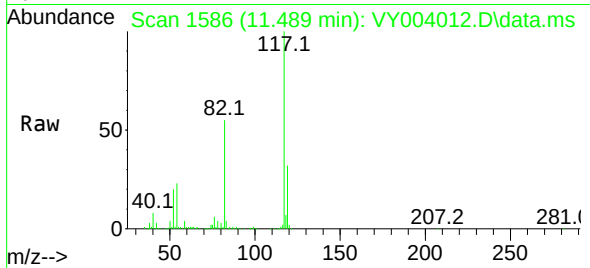




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

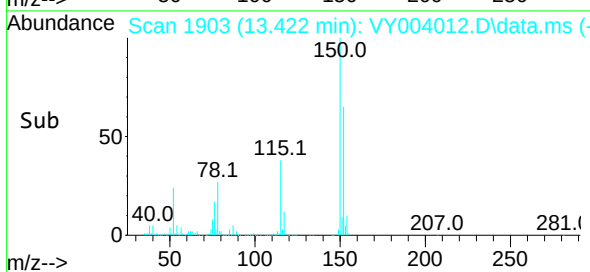
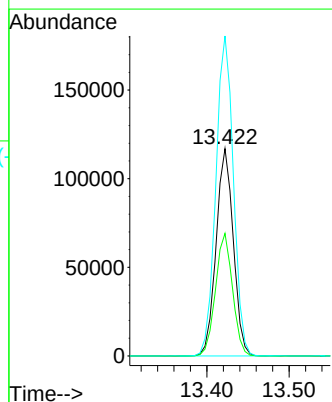
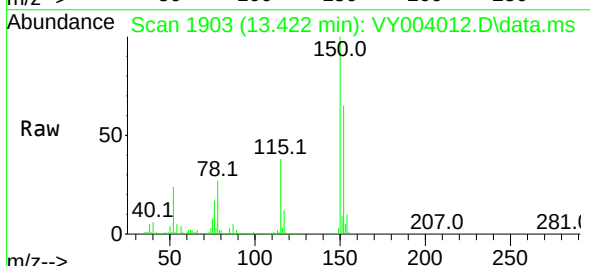
Instrument :
MSVOA_Y
ClientSampleId :

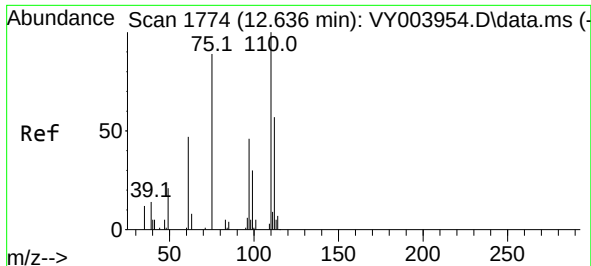
Tgt Ion:117 Resp: 353256
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion:152 Resp: 170070
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.6
150 157.5 0.0 356.2

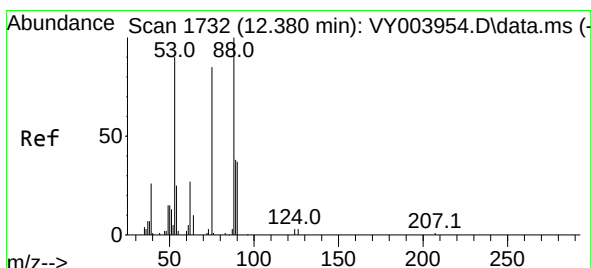
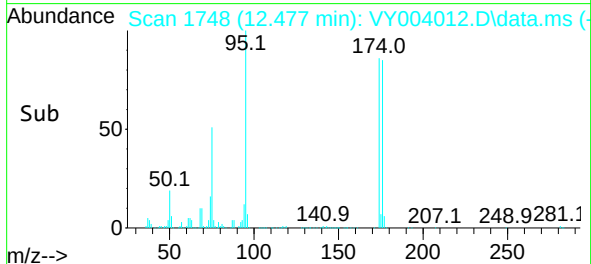
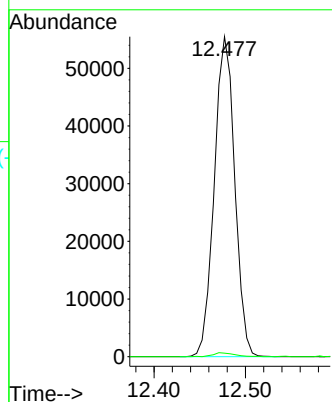
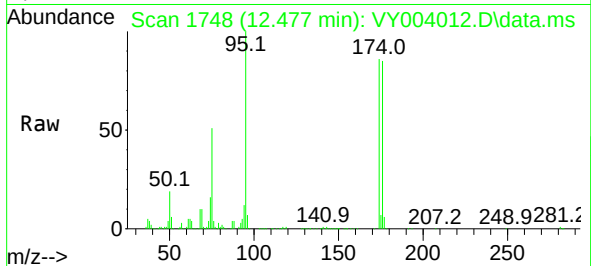




#76
1,2,3-Trichloropropane
Concen: 50.35 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 86265
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.23 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion: 75 Resp: 86265
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.0 34.8 52.2#

