

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004009.D
 Acq On : 11 Feb 2021 18:20
 Operator : SY/MD
 Sample : M1396-02
 Misc : 5.78g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 00:11:56 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)

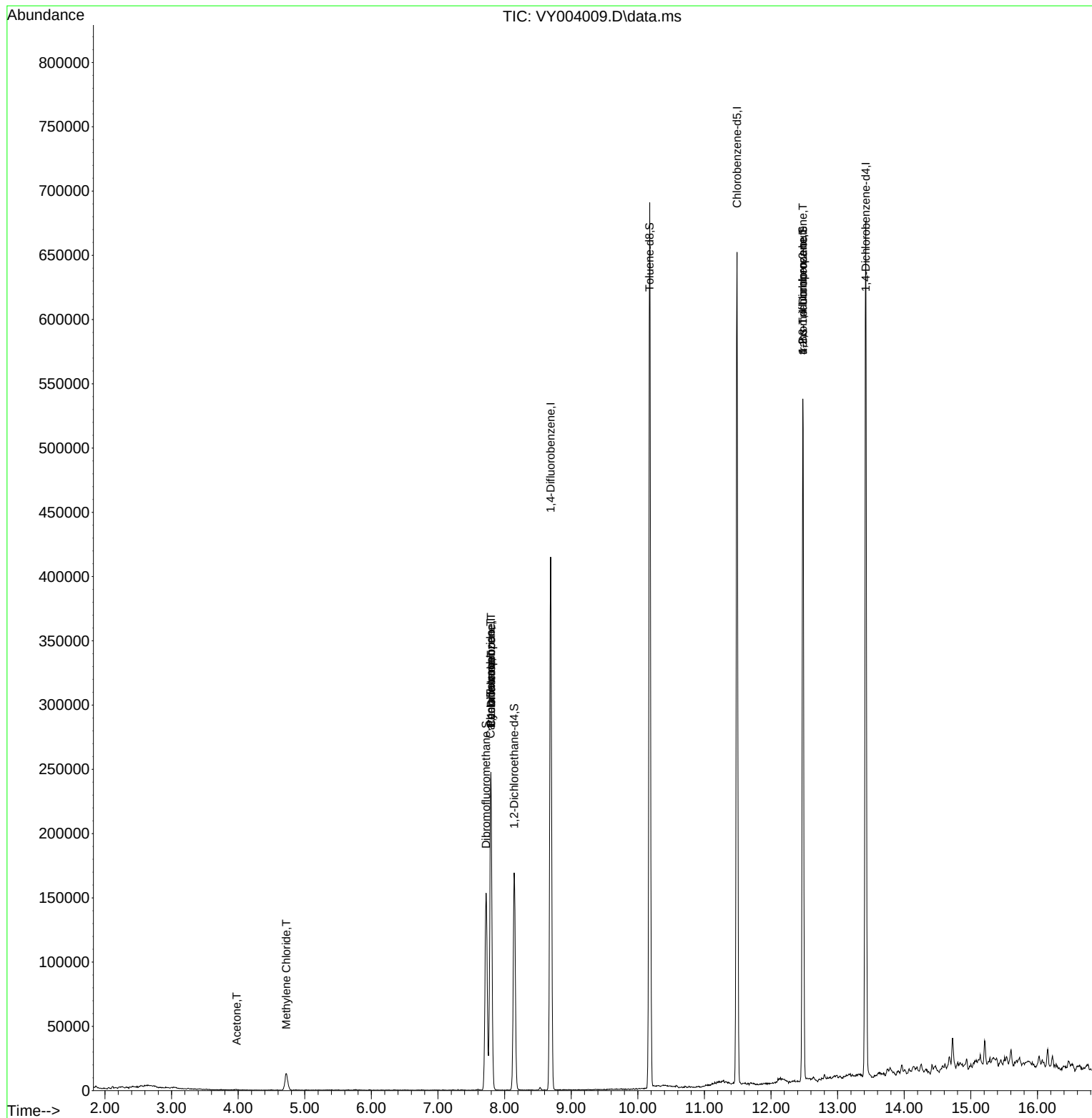
Internal Standards						
1) Pentafluorobenzene	7.795	168	192367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	339382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	134655	63.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.32%			
35) Dibromofluoromethane	7.722	113	106271	53.56	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.12%			
50) Toluene-d8	10.179	98	425099	54.59	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.18%			
62) 4-Bromofluorobenzene	12.477	95	157295	55.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.82%			
Target Compounds						
11) Tert butyl alcohol	4.923	59	19	Below Cal	#	77
16) Acetone	3.979	43	738	1.42	ug/l	100
20) Methylene Chloride	4.722	84	8958	4.06	ug/l	94
31) Cyclohexane	7.795	56	4068	1.15	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	14951	4.36	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	18014	4.86	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	86707	52.70	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	86707	100.74	ug/l	# 11

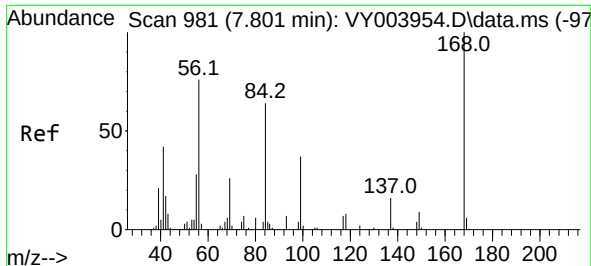
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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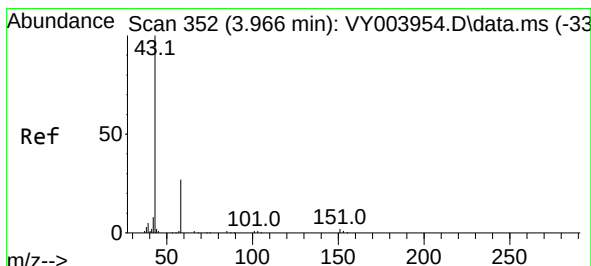
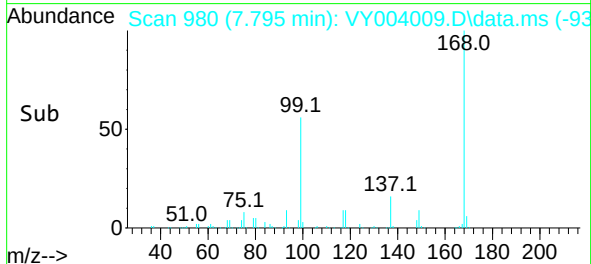
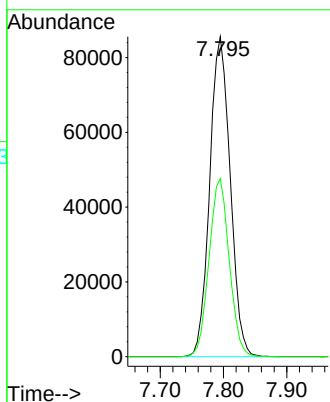
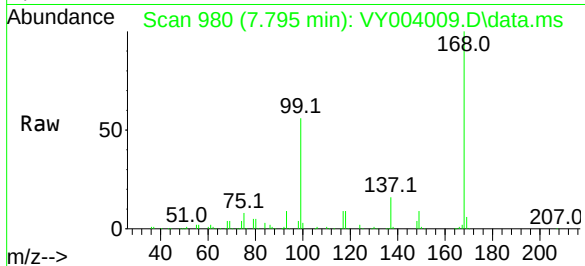




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

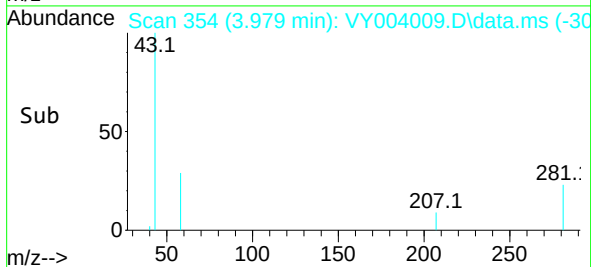
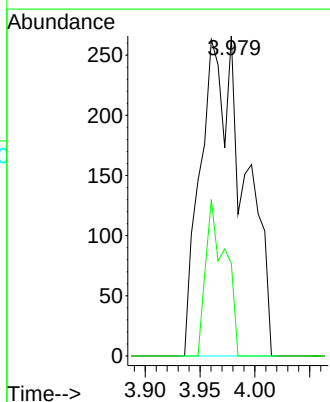
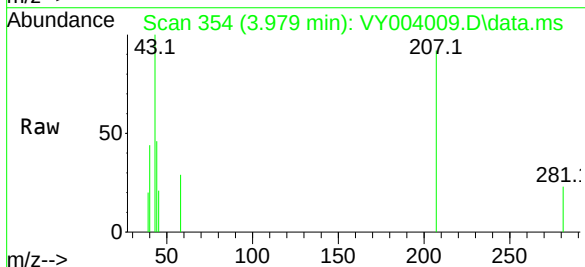
Instrument :
MSVOA_Y
ClientSampled :

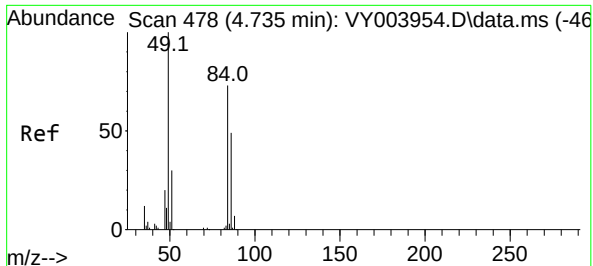
Tgt Ion:168 Resp: 192367
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#16
Acetone
Concen: 1.42 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

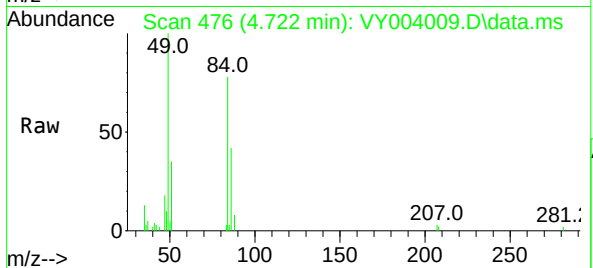
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 28.9 23.4 35.0



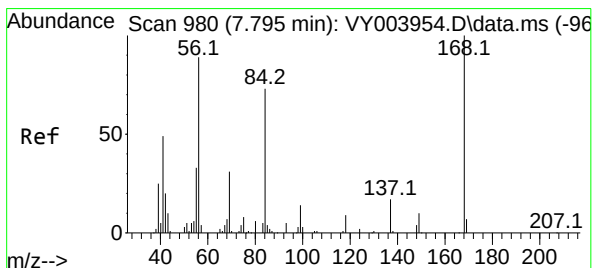
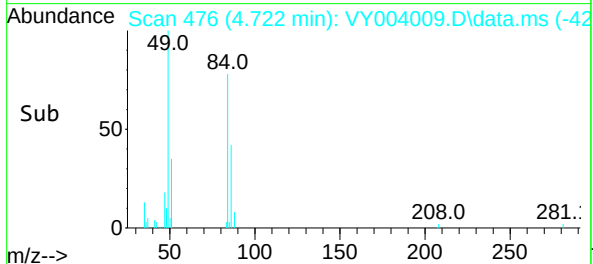
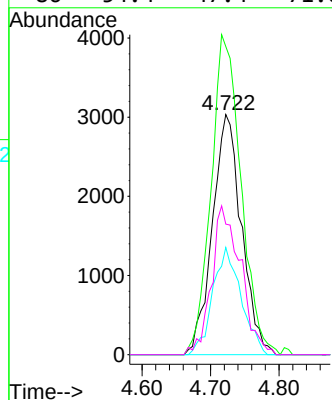


#20
Methylene Chloride
Concen: 4.06 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

Instrument :
MSVOA_Y
ClientSampled :

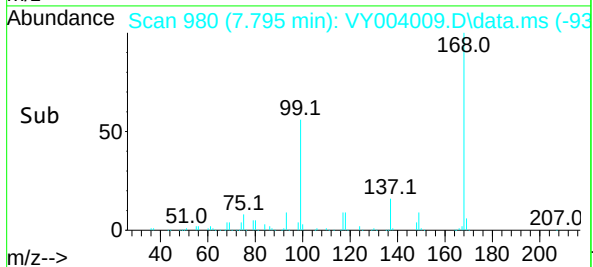
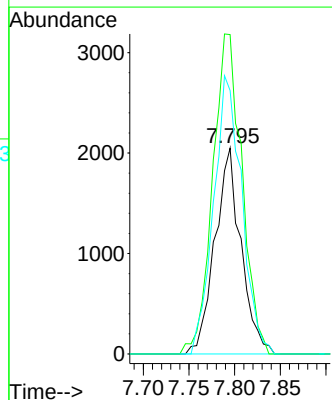
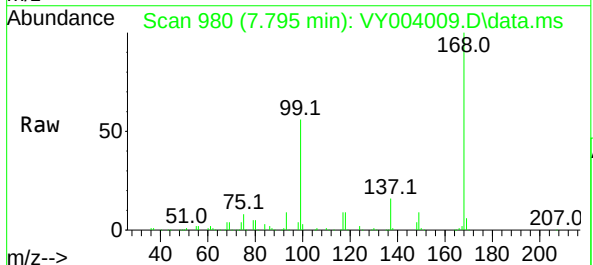


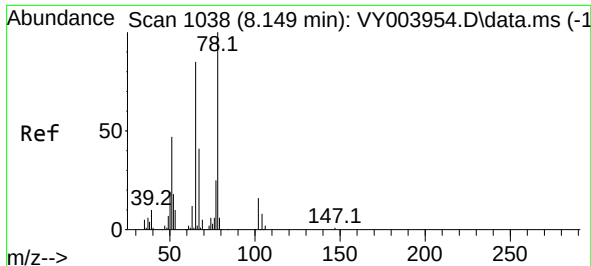
Tgt Ion:	84	Resp:	8958
Ion	Ratio	Lower	Upper
84	100		
49	128.3	107.0	160.4
51	44.6	31.9	47.9
86	54.4	47.4	71.0



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

Tgt Ion:	56	Resp:	4068
Ion	Ratio	Lower	Upper
56	100		
69	155.1	25.0	37.4#
84	127.9	64.5	96.7#

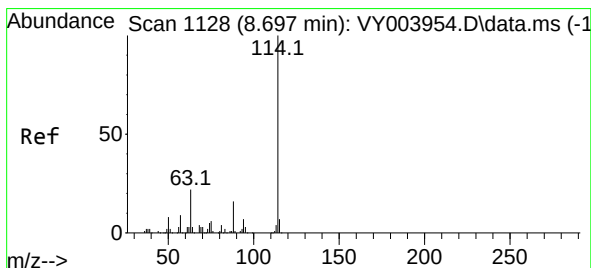
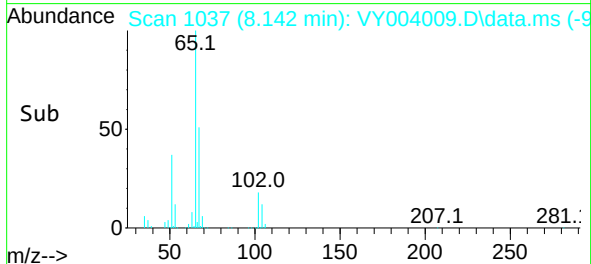
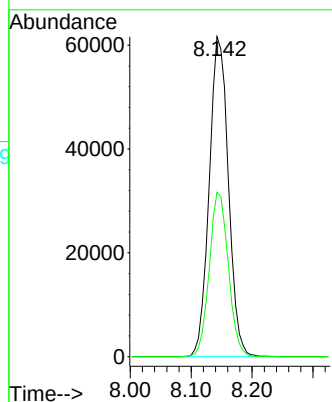
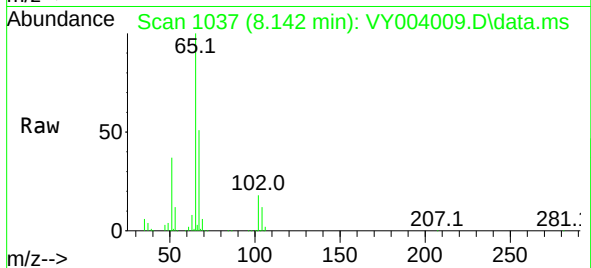




#33
1,2-Dichloroethane-d4
Concen: 63.66 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

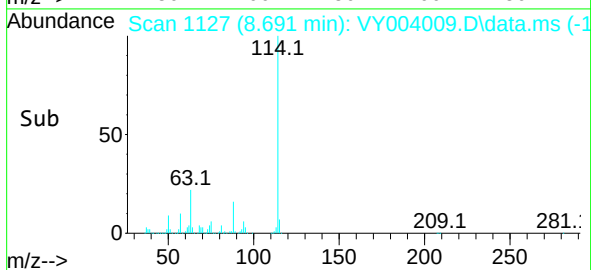
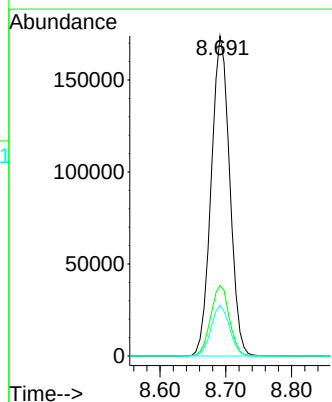
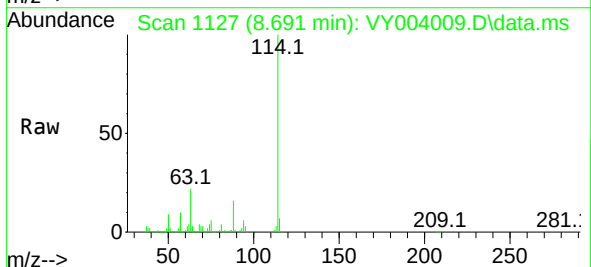
Instrument :
MSVOA_Y
ClientSampled :

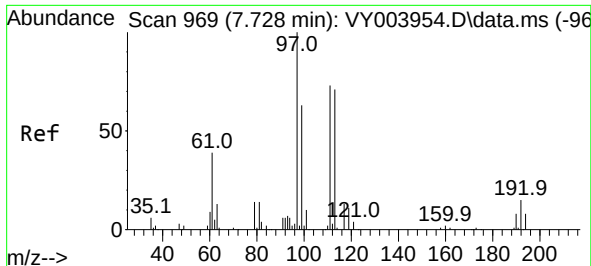
Tgt Ion: 65 Resp: 134655
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

Tgt Ion:114 Resp: 339382
Ion Ratio Lower Upper
114 100
63 22.0 0.0 47.2
88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.56 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY004009.D

Acq: 11 Feb 2021 18:20

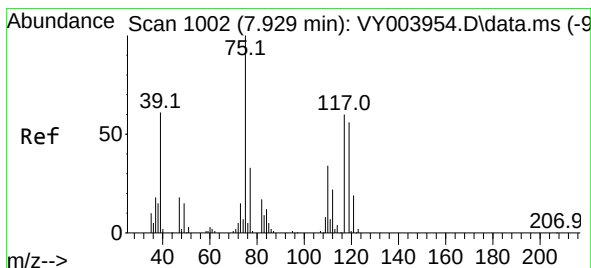
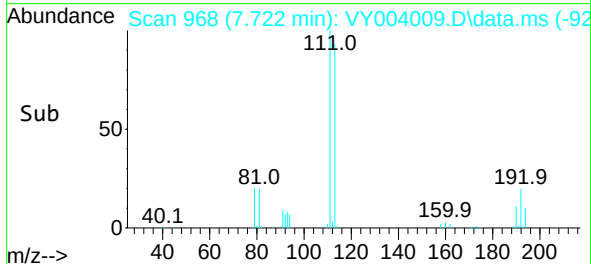
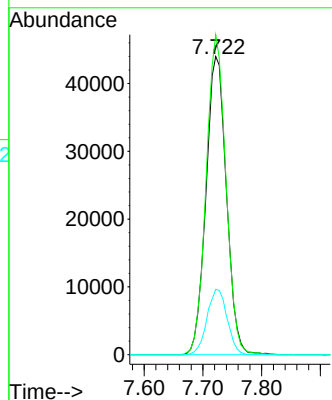
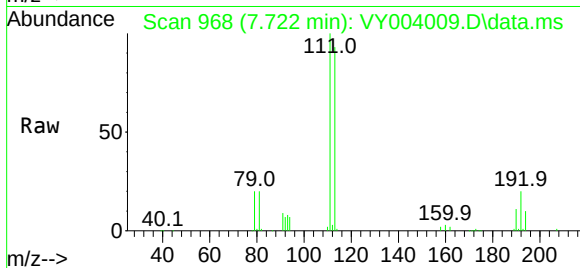
Tgt Ion:113 Resp: 106271

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 21.5 18.3 27.5



#36

1,1-Dichloropropene

Concen: 4.36 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY004009.D

Acq: 11 Feb 2021 18:20

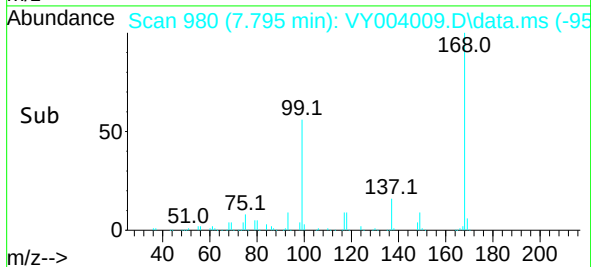
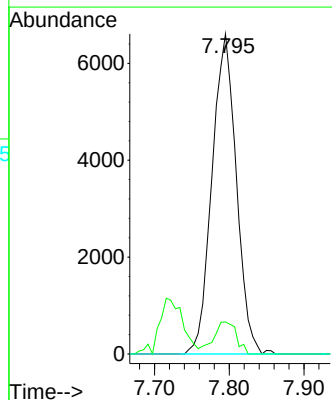
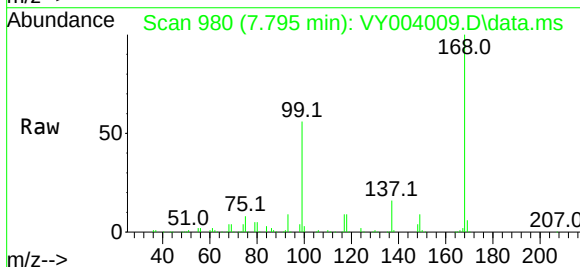
Tgt Ion: 75 Resp: 14951

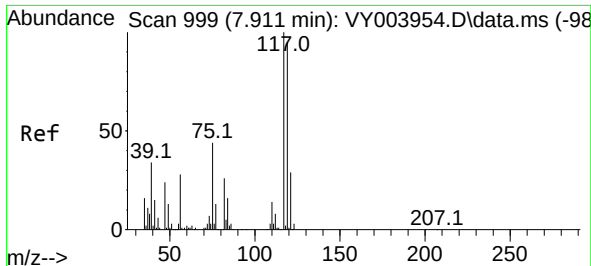
Ion Ratio Lower Upper

75 100

110 9.5 17.9 53.8#

77 0.0 24.8 37.2#

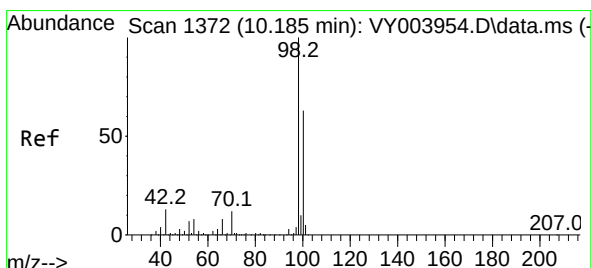
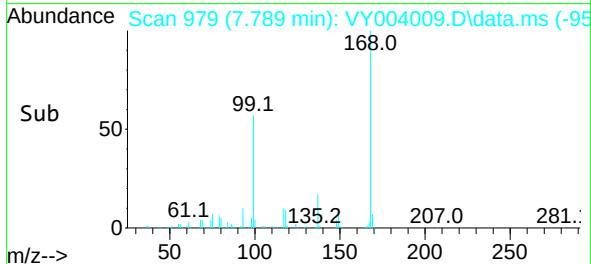
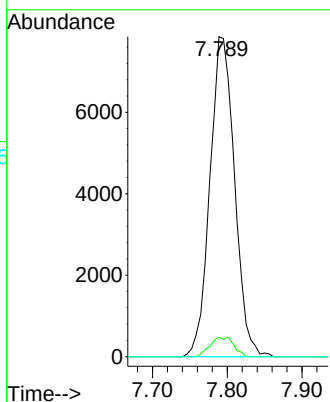
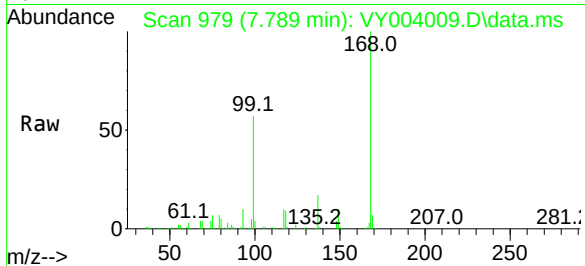




#38
Carbon Tetrachloride
Concen: 4.86 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

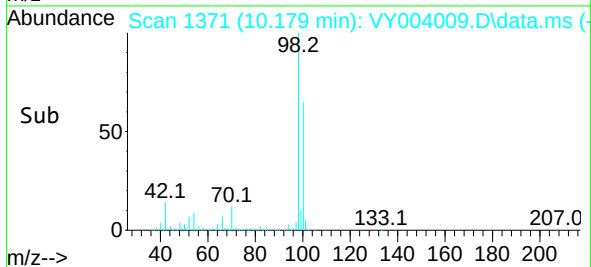
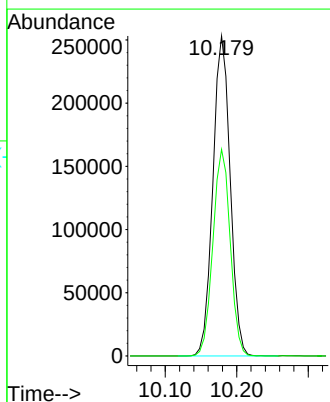
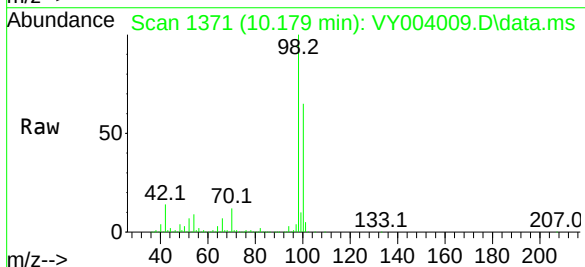
Instrument :
MSVOA_Y
ClientSampleId :

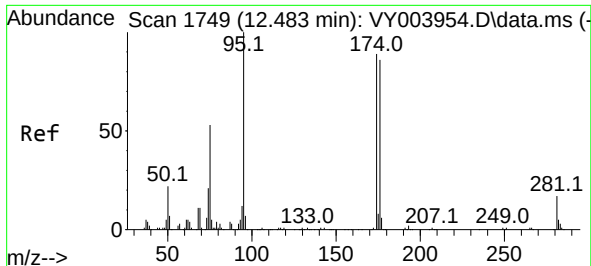
Tgt Ion:117 Resp: 18014
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.59 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

Tgt Ion: 98 Resp: 425099
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

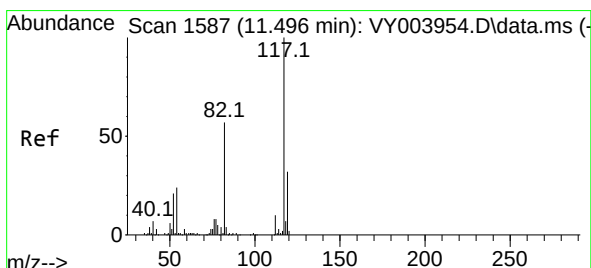
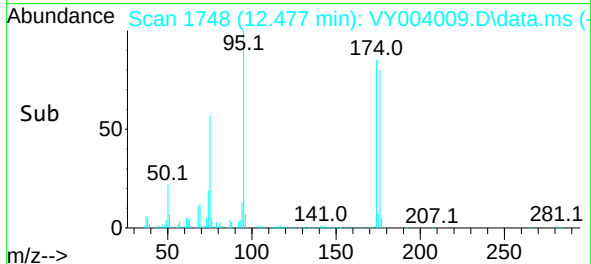
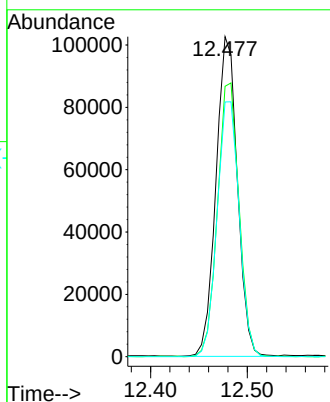
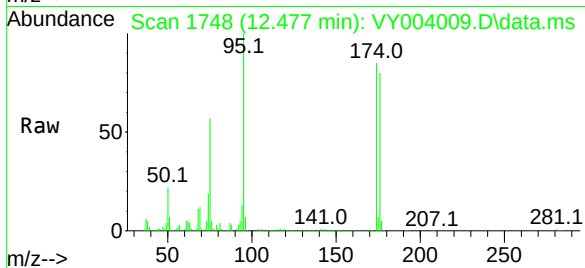




#62
4-Bromofluorobenzene
Concen: 55.41 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

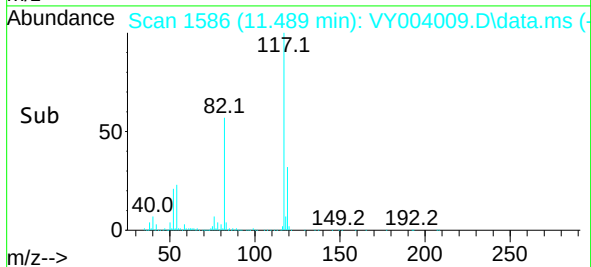
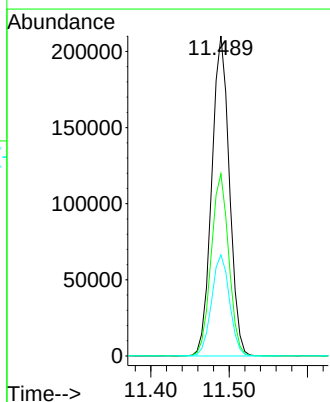
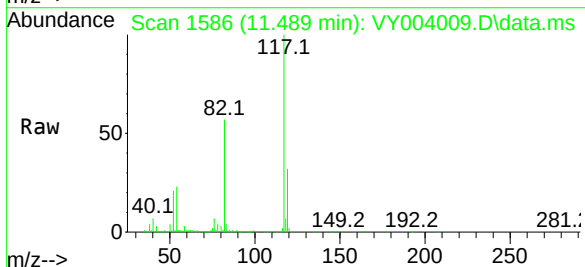
Instrument :
MSVOA_Y
ClientSampled :

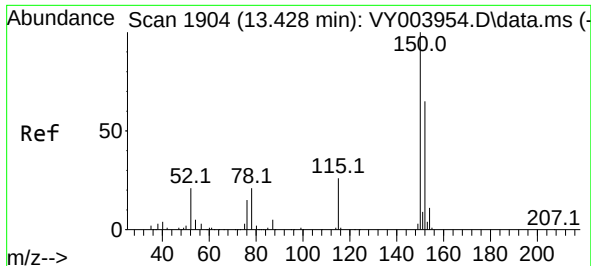
Tgt Ion: 95 Resp: 157295
Ion Ratio Lower Upper
95 100
174 86.3 0.0 184.4
176 82.5 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

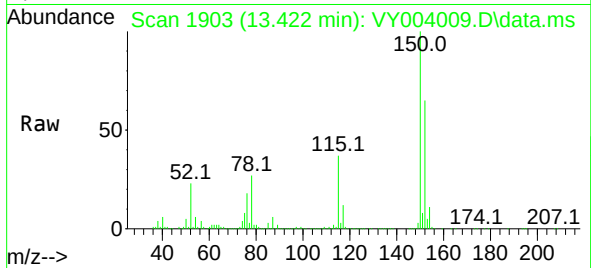
Tgt Ion: 117 Resp: 329160
Ion Ratio Lower Upper
117 100
82 56.9 44.3 66.5
119 31.5 25.0 37.6



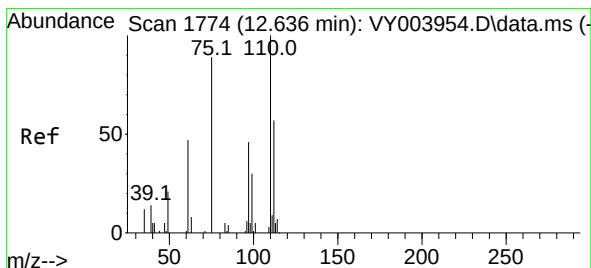
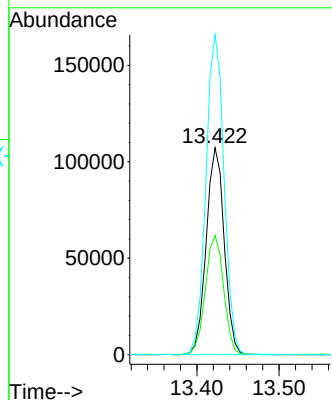
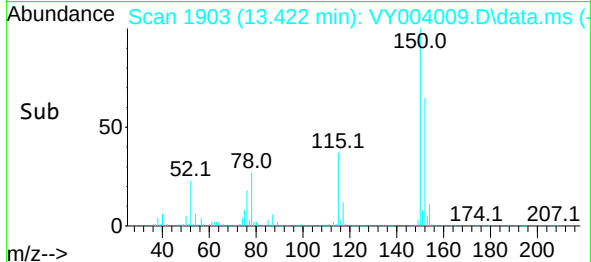


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY004009.D
 Acq: 11 Feb 2021 18:20

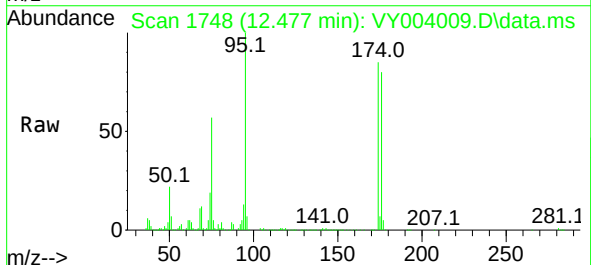
Instrument :
 MSVOA_Y
 ClientSampled :



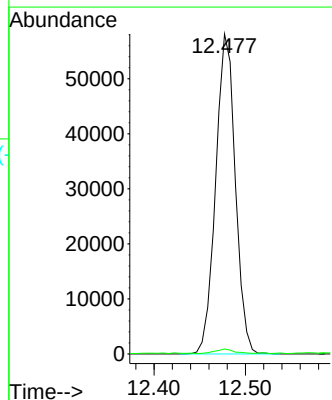
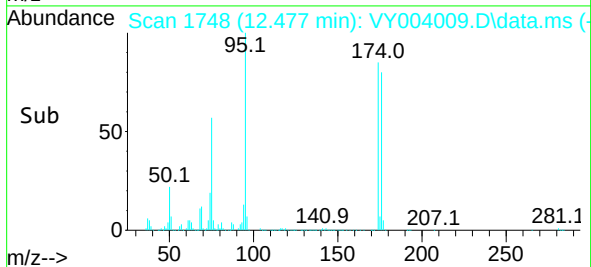
Tgt Ion:152 Resp: 163295
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.6
 150 155.7 0.0 356.2

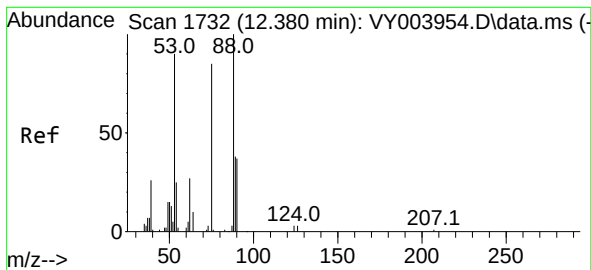


#76
 1,2,3-Trichloropropane
 Concen: 52.70 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY004009.D
 Acq: 11 Feb 2021 18:20



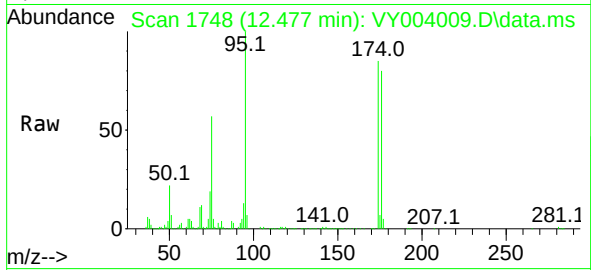
Tgt Ion: 75 Resp: 86707
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.74 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.098 min
 Lab File: VY004009.D
 Acq: 11 Feb 2021 18:20

Instrument :
 MSVOA_Y
 ClientSampled :



Tgt Ion: 75 Resp: 86707
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.0 34.8 52.2#

