

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022421\
 Data File : VY004045.D
 Acq On : 24 Feb 2021 10:52
 Operator : SY/MD
 Sample : VY0224SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 25 01:11:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 23 03:42:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

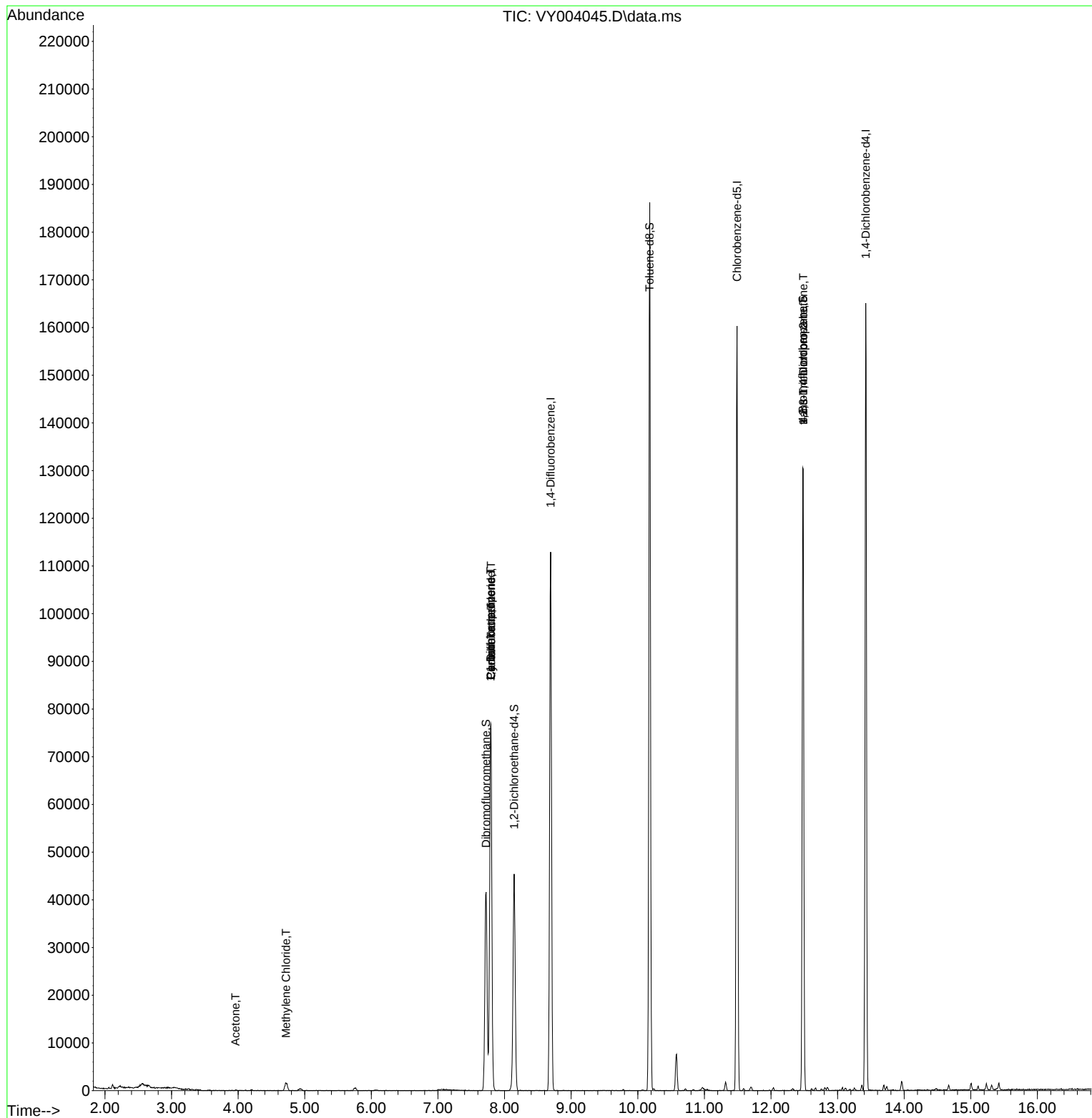
Internal Standards						
1) Pentafluorobenzene	7.795	168	62115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	93367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	83157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	35574	51.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.64%	
35) Dibromofluoromethane	7.722	113	28870	51.29	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.58%	
50) Toluene-d8	10.179	98	114335	50.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.32%	
62) 4-Bromofluorobenzene	12.477	95	39442	49.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.94%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	451	Below Cal	#	76
16) Acetone	3.960	43	189	1.08	ug/l #	46
20) Methylene Chloride	4.716	84	1273	1.80	ug/l #	84
31) Cyclohexane	7.795	56	1386	1.19	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	4725	5.05	ug/l #	51
38) Carbon Tetrachloride	7.795	117	5576	5.78	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	21246	50.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21246	93.65	ug/l #	13

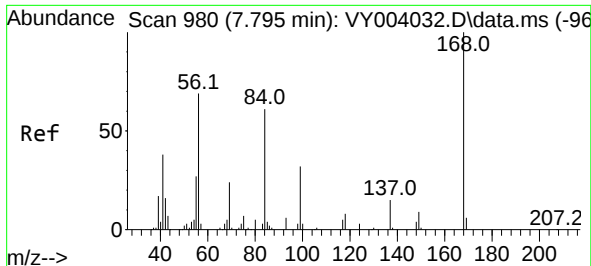
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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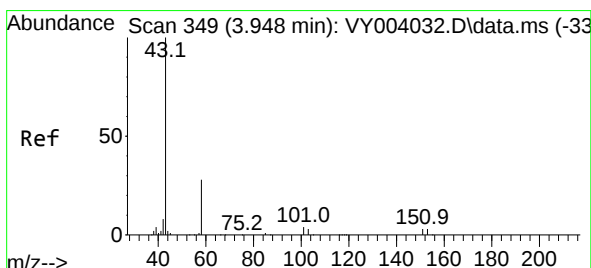
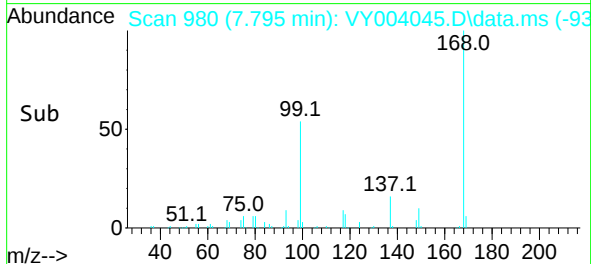
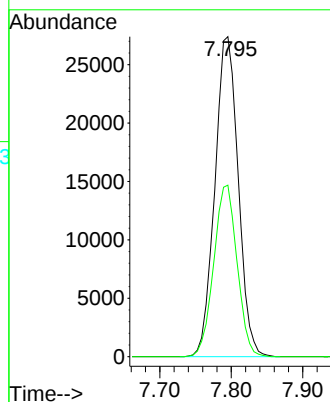
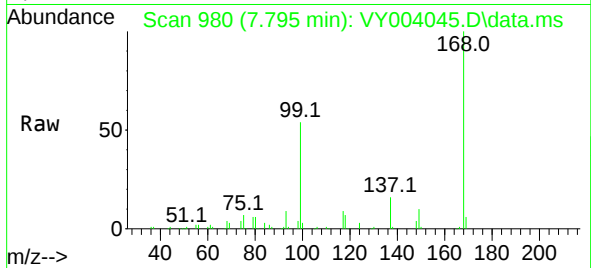




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52

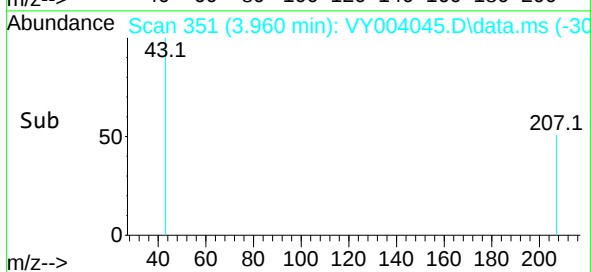
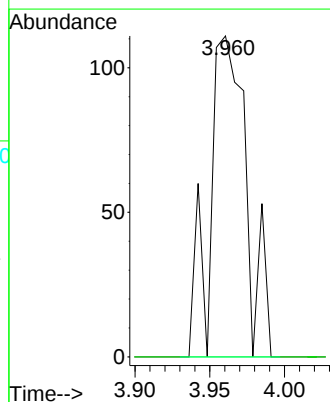
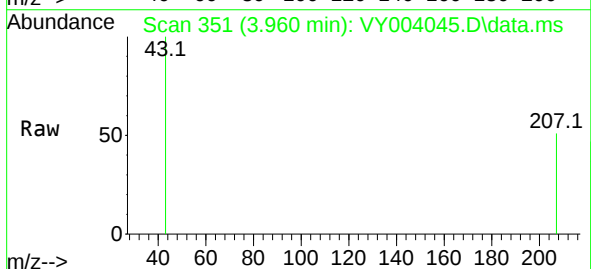
Instrument :
MSVOA_Y
ClientSampled :

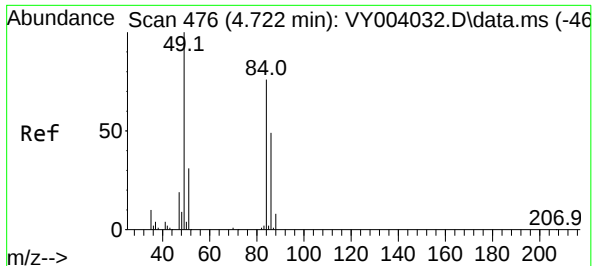
Tgt Ion:168 Resp: 62115
Ion Ratio Lower Upper
168 100
99 53.6 41.2 61.8



#16
Acetone
Concen: 1.08 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52

Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
58 0.0 22.6 34.0#





#20

Methylene Chloride

Concen: 1.80 ug/l

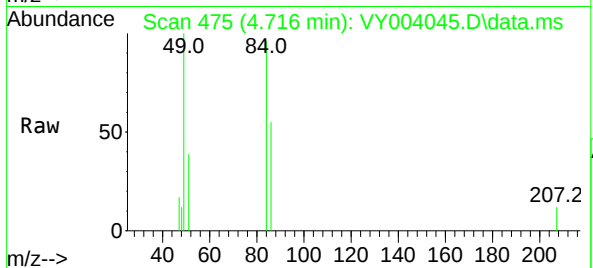
RT: 4.716 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY004045.D

Acq: 24 Feb 2021 10:52

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1273

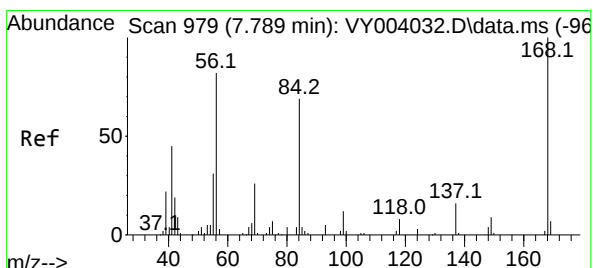
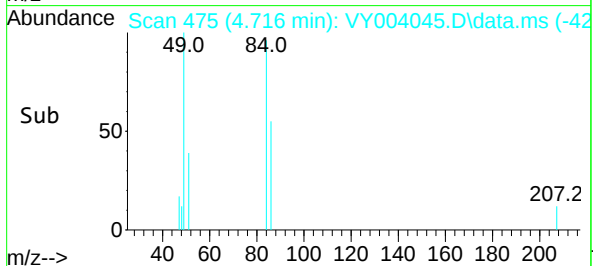
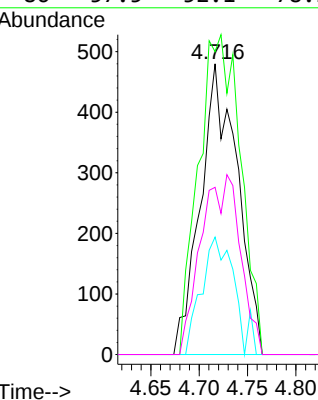
Ion Ratio Lower Upper

84 100

49 104.2 105.8 158.6#

51 40.4 32.6 48.8

86 57.5 52.1 78.1



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY004045.D

Acq: 24 Feb 2021 10:52

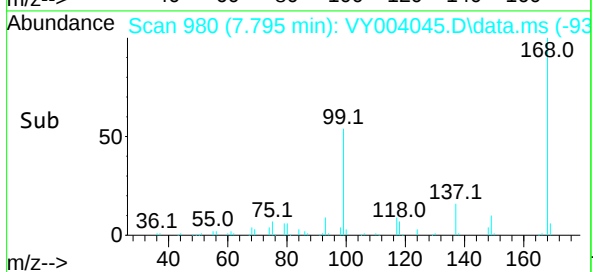
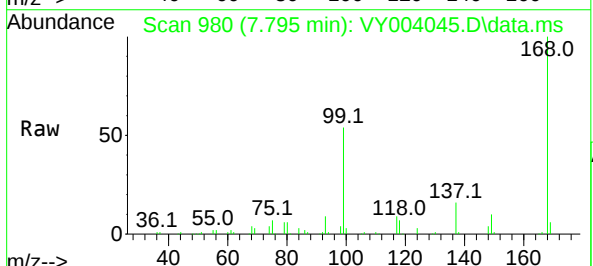
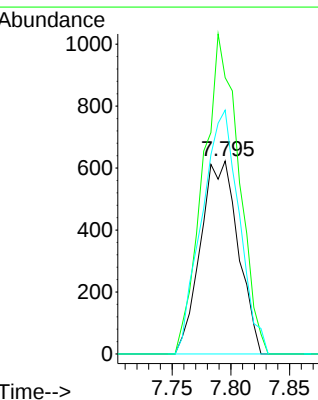
Tgt Ion: 56 Resp: 1386

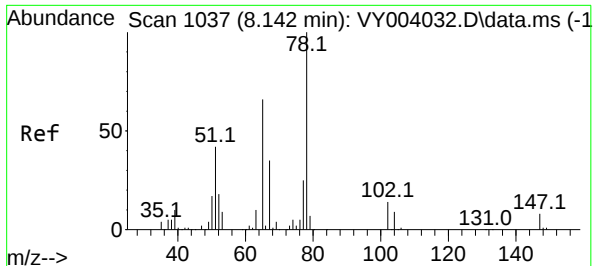
Ion Ratio Lower Upper

56 100

69 143.2 25.3 37.9#

84 126.3 67.3 100.9#

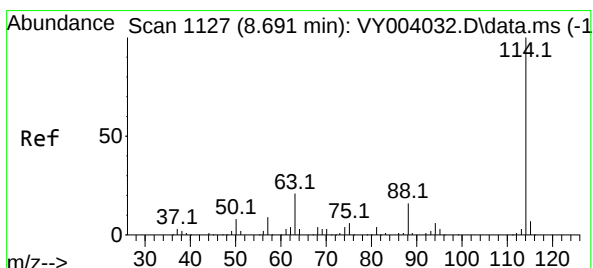
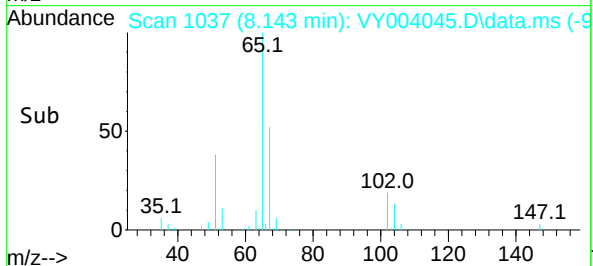
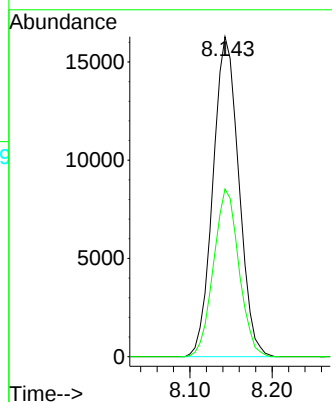
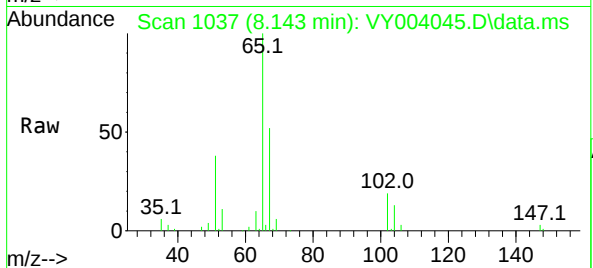




#33
1,2-Dichloroethane-d4
Concen: 51.32 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52

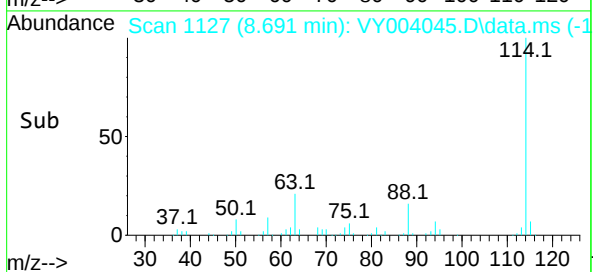
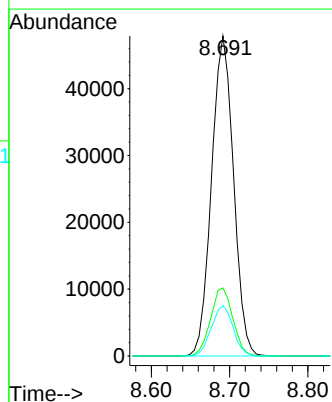
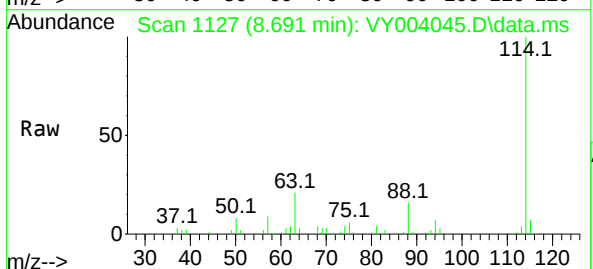
Instrument :
MSVOA_Y
ClientSampled :

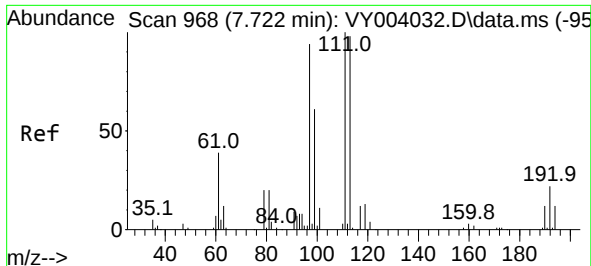
Tgt Ion: 65 Resp: 35574
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52

Tgt Ion: 114 Resp: 93367
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.29 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY004045.D

Acq: 24 Feb 2021 10:52

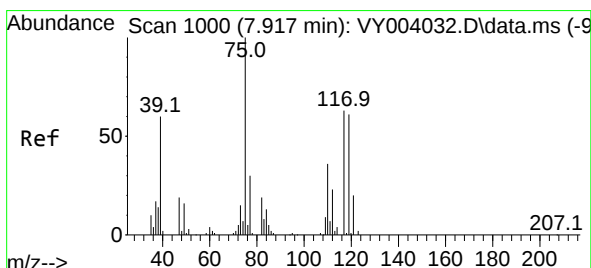
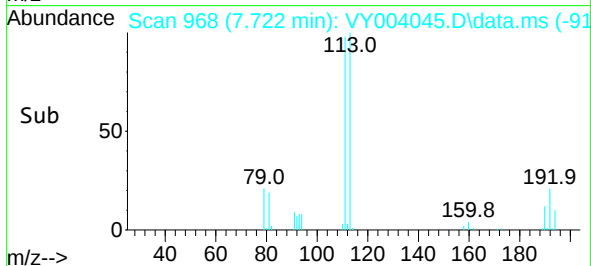
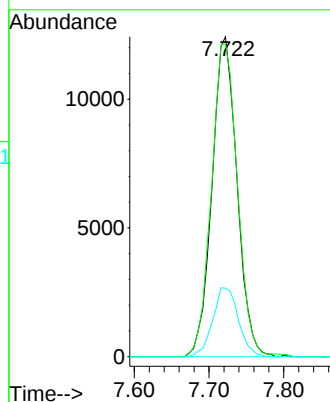
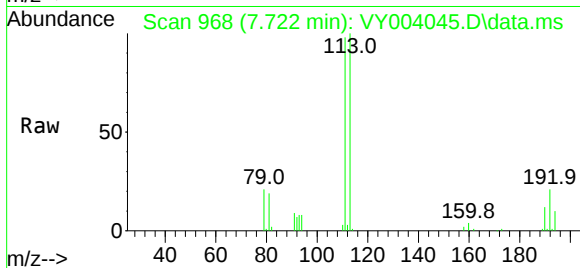
Tgt Ion:113 Resp: 28870

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 22.1 18.5 27.7



#36

1,1-Dichloropropene

Concen: 5.05 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY004045.D

Acq: 24 Feb 2021 10:52

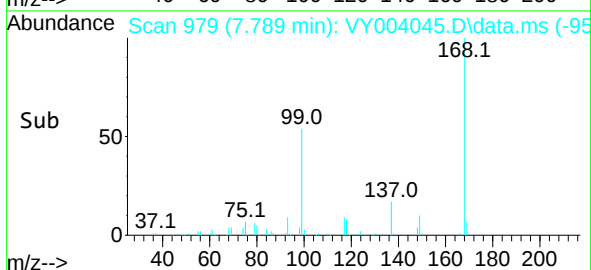
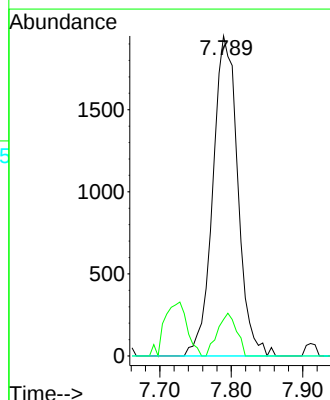
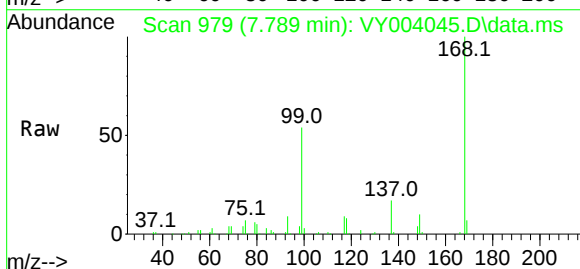
Tgt Ion: 75 Resp: 4725

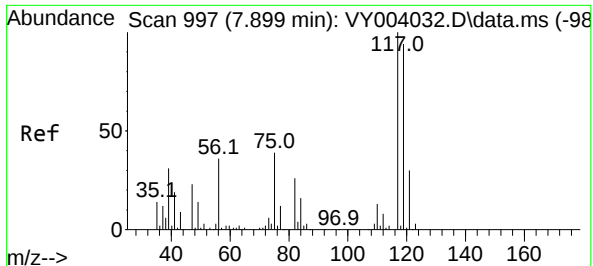
Ion Ratio Lower Upper

75 100

110 10.2 17.4 52.3#

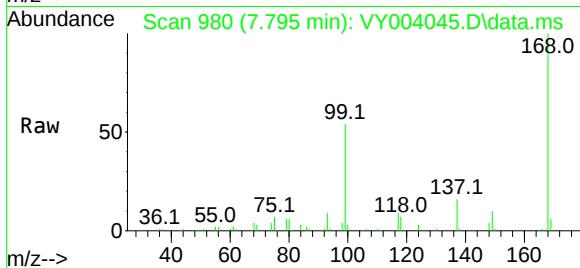
77 0.0 24.5 36.7#



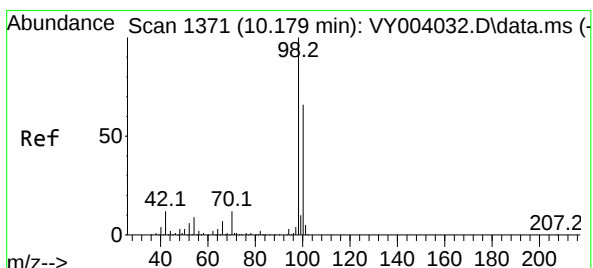
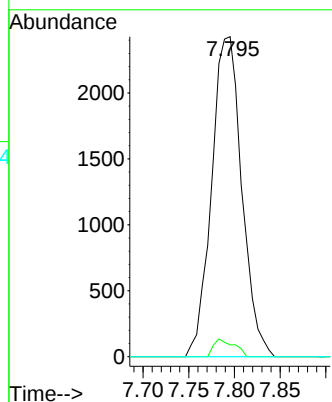
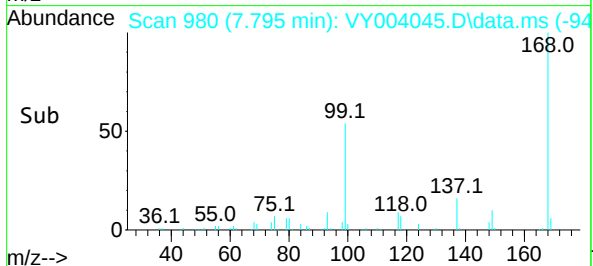


#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.103 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52

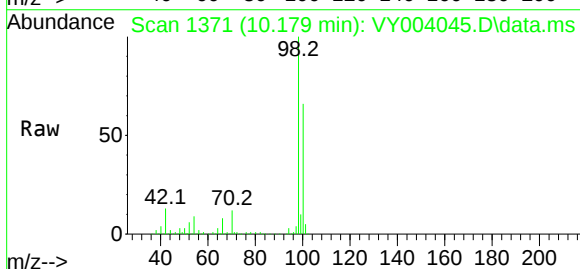
Instrument :
MSVOA_Y
ClientSampled :



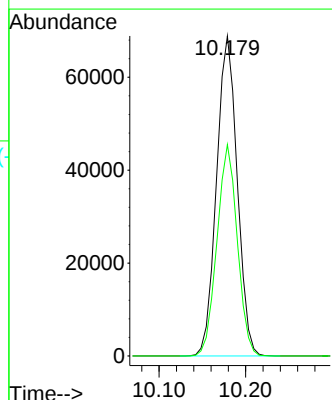
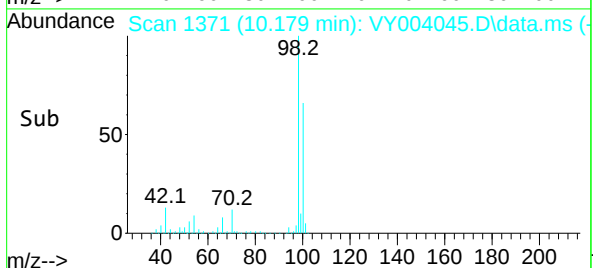
Tgt Ion:117 Resp: 5576
Ion Ratio Lower Upper
117 100
119 3.7 75.4 113.0#
121 0.0 24.2 36.2#

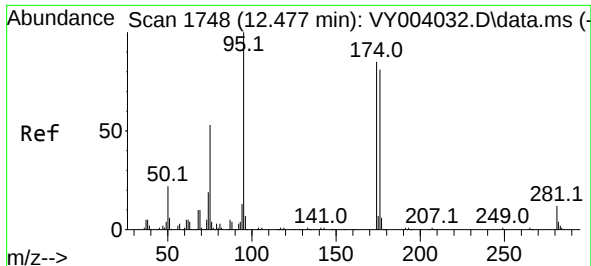


#50
Toluene-d8
Concen: 50.66 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52



Tgt Ion: 98 Resp: 114335
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

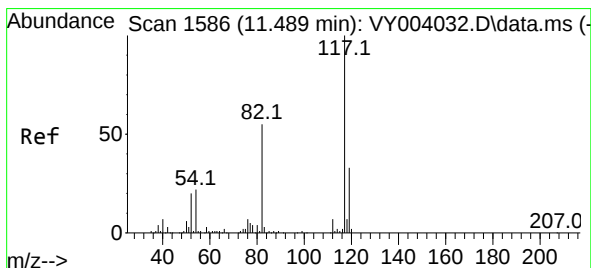
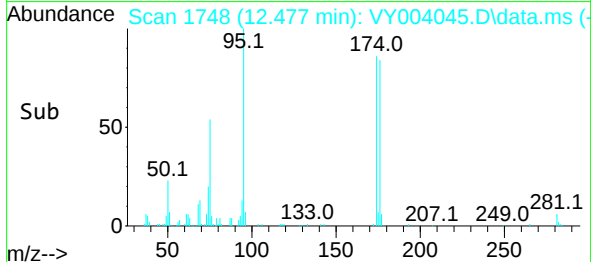
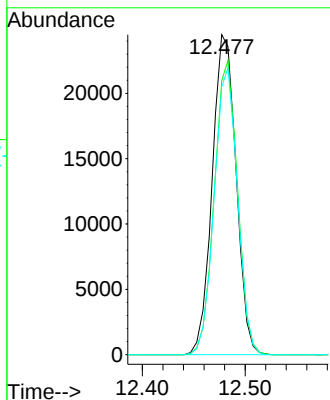
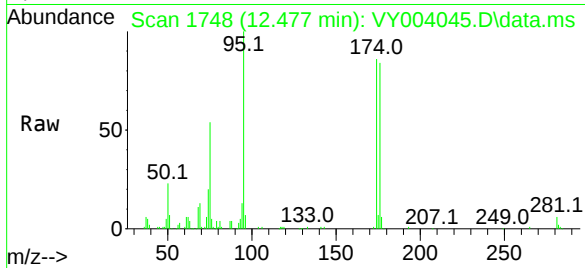




#62
4-Bromofluorobenzene
Concen: 49.47 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52

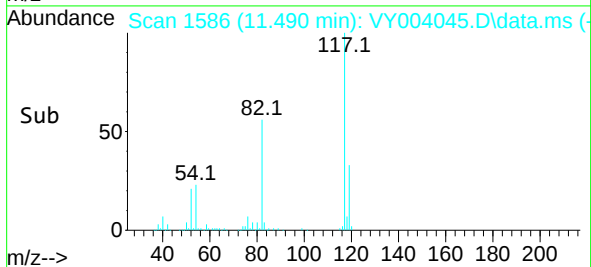
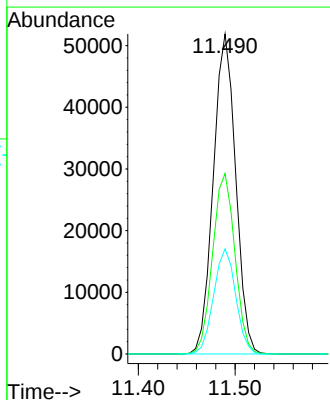
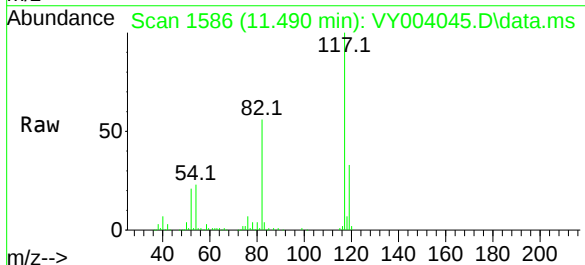
Instrument :
MSVOA_Y
ClientSampleId :

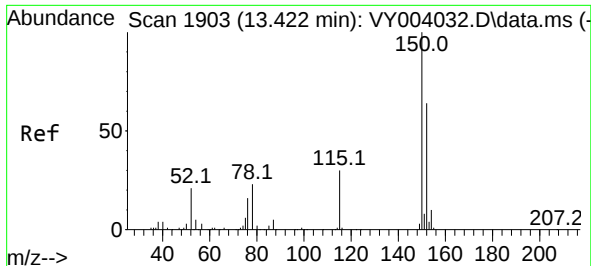
Tgt Ion: 95 Resp: 39442
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.0
176 87.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52

Tgt Ion: 117 Resp: 83157
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.6
119 32.9 26.2 39.2

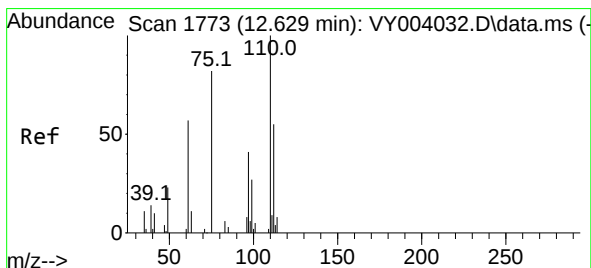
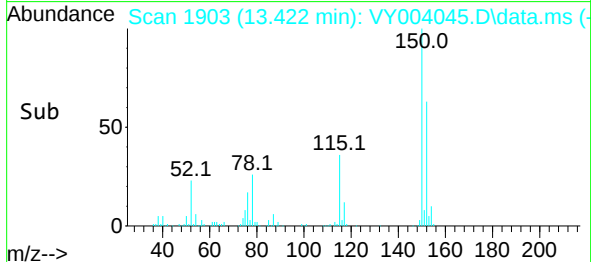
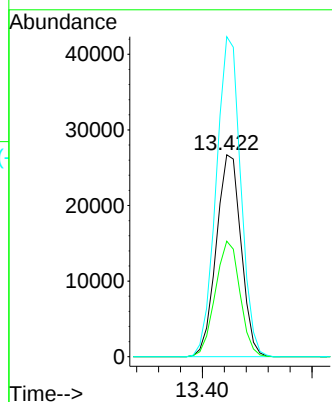
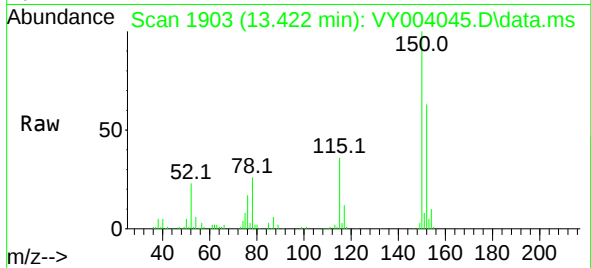




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52

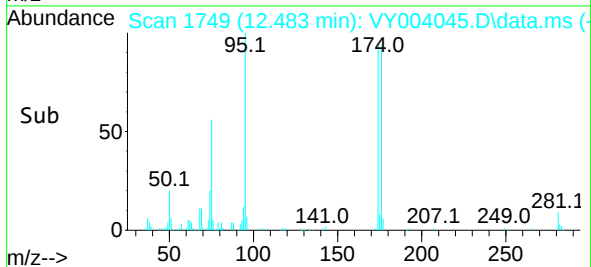
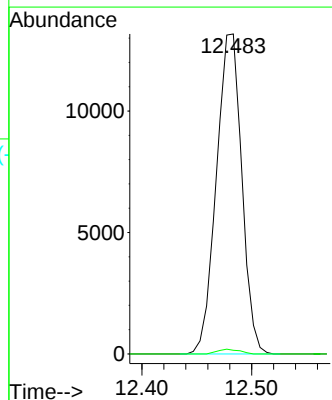
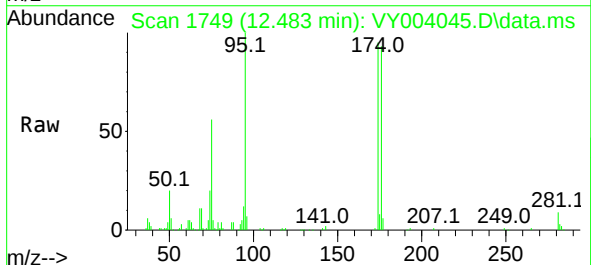
Instrument :
MSVOA_Y
ClientSampleId :

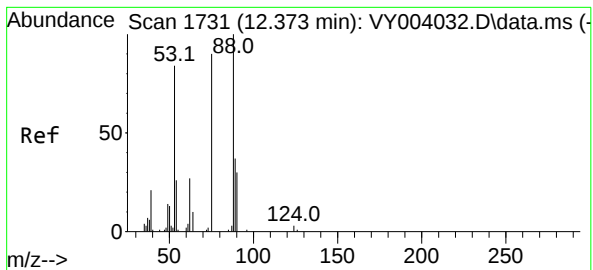
Tgt Ion:152 Resp: 41965
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.6
150 156.6 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 50.44 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY004045.D
Acq: 24 Feb 2021 10:52

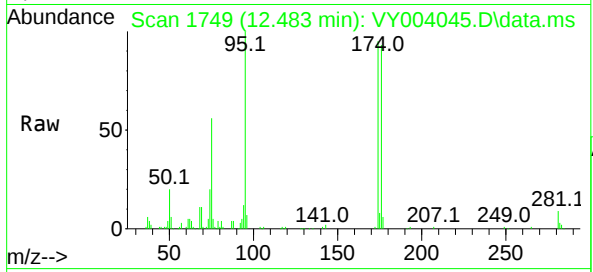
Tgt Ion: 75 Resp: 21246
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.65 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.110 min
 Lab File: VY004045.D
 Acq: 24 Feb 2021 10:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 21246
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.0 35.7 53.5#

