

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003981.D
 Acq On : 03 Feb 2021 23:41
 Operator : SY/MD
 Sample : M1291-17
 Misc : 8.92g/5mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:26:12 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)

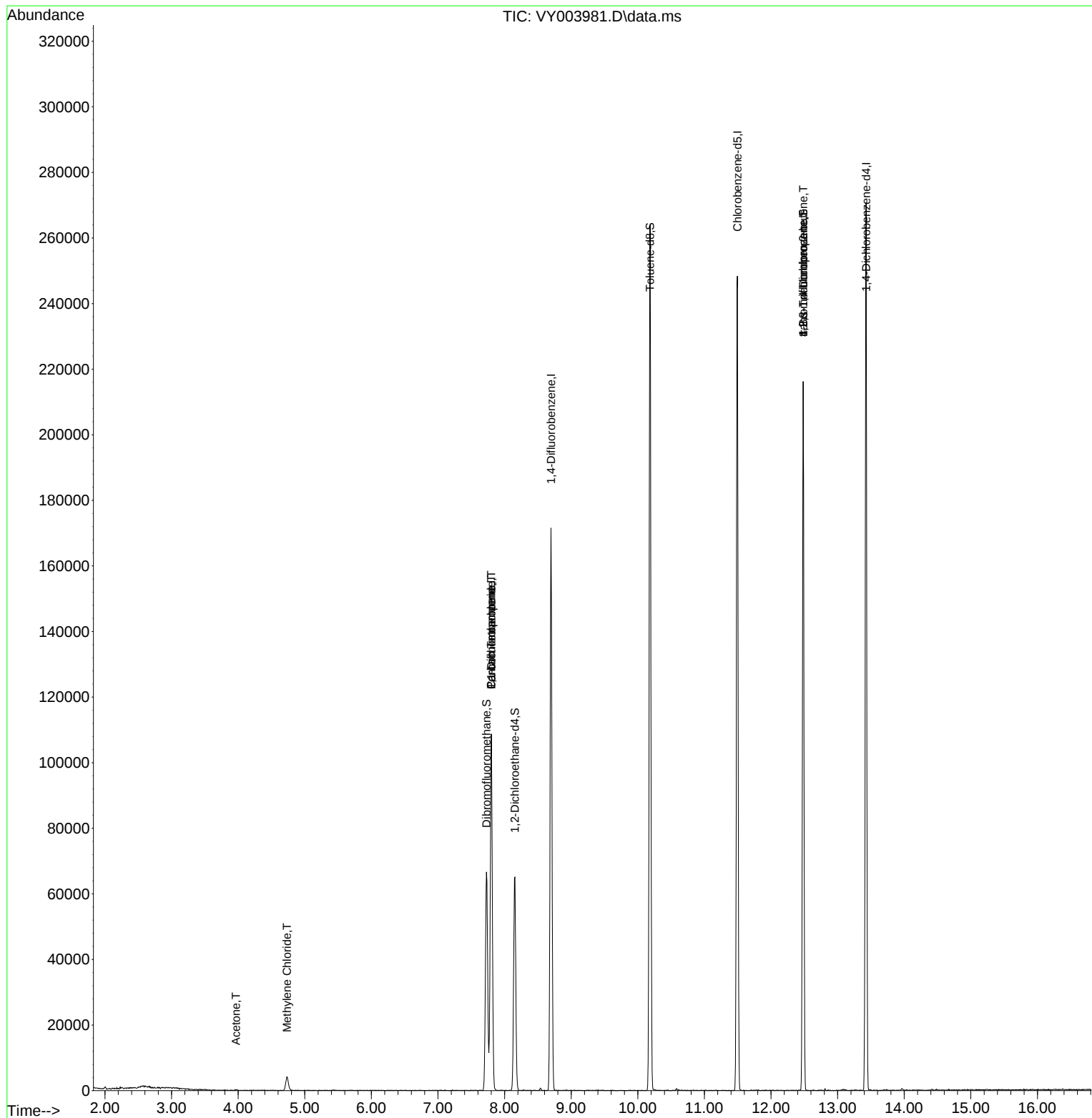
Internal Standards						
1) Pentafluorobenzene	7.801	168	82676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	138243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54708	60.18	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.36%		
35) Dibromofluoromethane	7.728	113	45841	56.71	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.42%		
50) Toluene-d8	10.185	98	171628	54.11	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.22%		
62) 4-Bromofluorobenzene	12.483	95	64017	55.37	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 110.74%		
Target Compounds						
						Qvalue
16) Acetone	3.966	43	277	1.24	ug/l #	69
20) Methylene Chloride	4.735	84	3044	3.21	ug/l	91
36) 1,1-Dichloropropene	7.801	75	6025	4.31	ug/l #	50
38) Carbon Tetrachloride	7.801	117	7963	5.27	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	34195	49.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34195	95.06	ug/l #	11

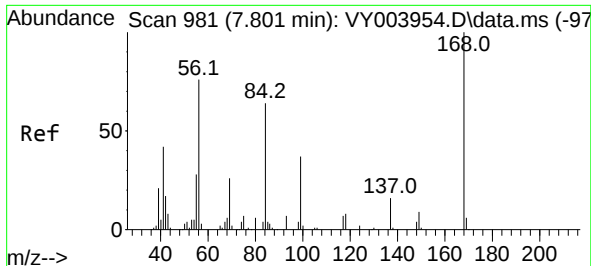
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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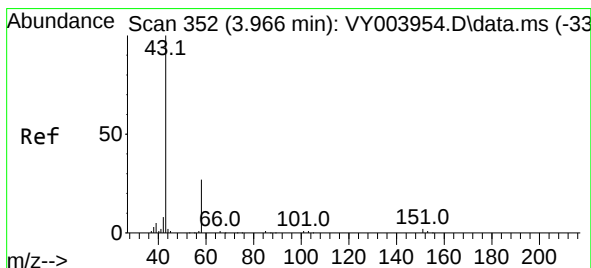
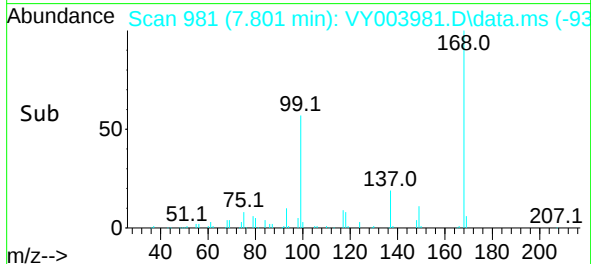
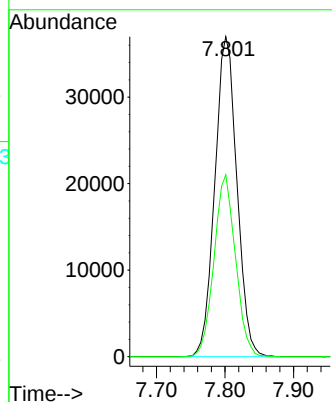
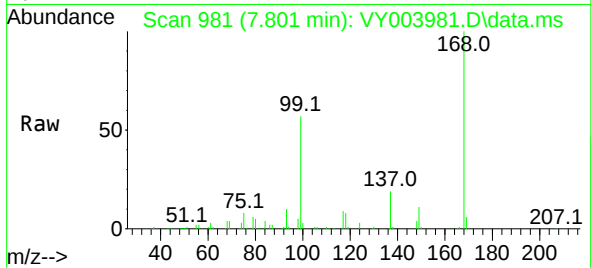




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

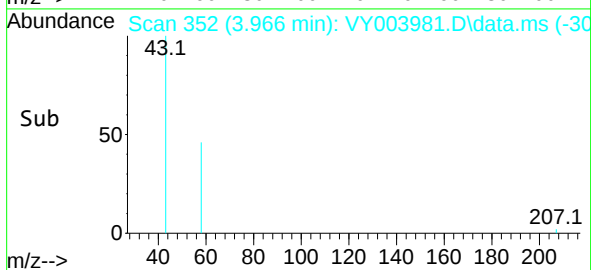
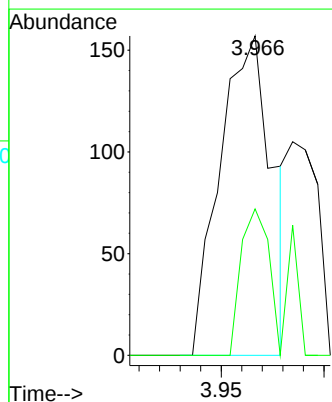
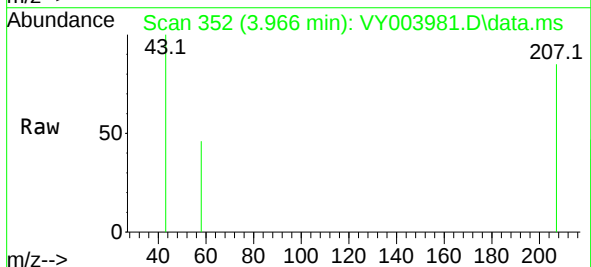
Instrument :
MSVOA_Y
ClientSampleId :

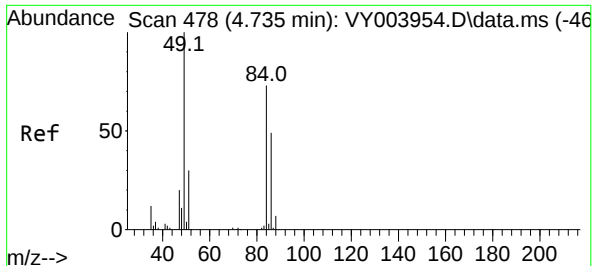
Tgt Ion:168 Resp: 82676
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#16
Acetone
Concen: 1.24 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 45.9 23.4 35.0#





#20

Methylene Chloride

Concen: 3.21 ug/l

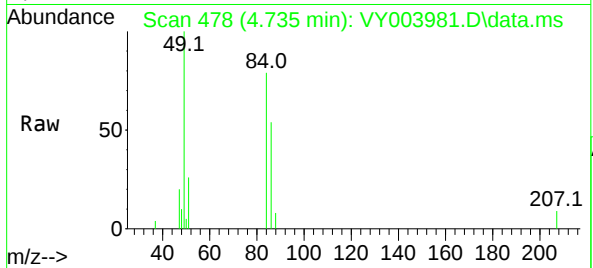
RT: 4.735 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY003981.D

Acq: 03 Feb 2021 23:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3044

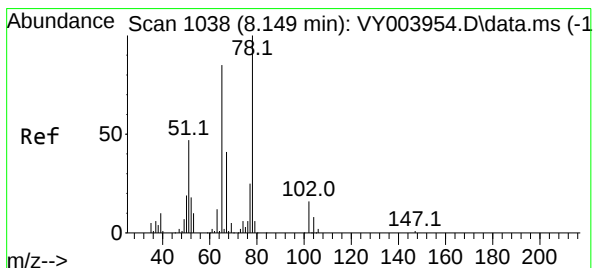
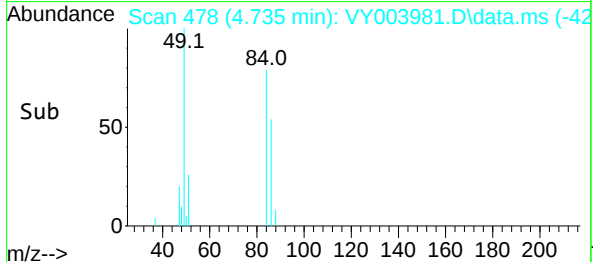
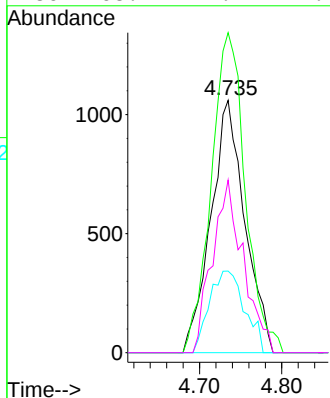
Ion Ratio Lower Upper

84 100

49 126.8 107.0 160.4

51 32.4 31.9 47.9

86 68.4 47.4 71.0



#33

1,2-Dichloroethane-d4

Concen: 60.18 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY003981.D

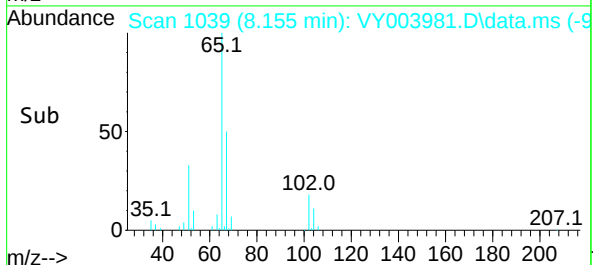
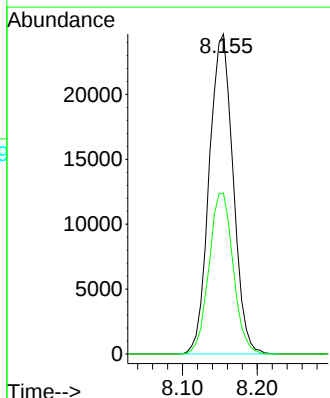
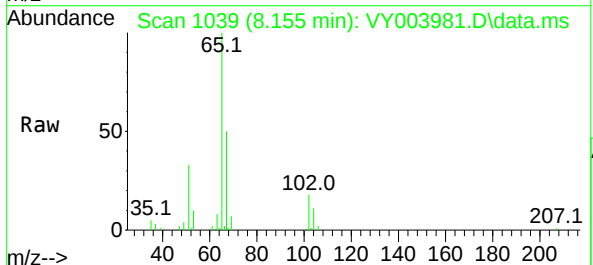
Acq: 03 Feb 2021 23:41

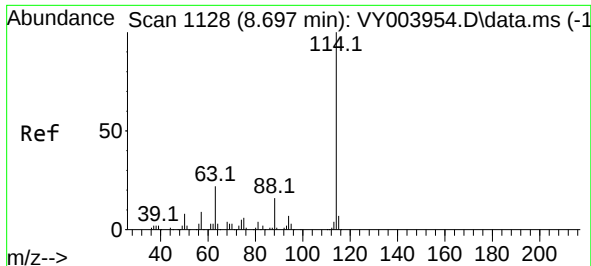
Tgt Ion: 65 Resp: 54708

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY003981.D

Acq: 03 Feb 2021 23:41

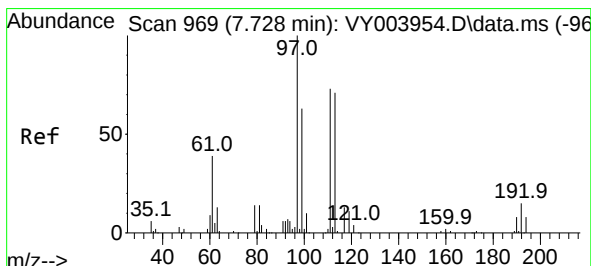
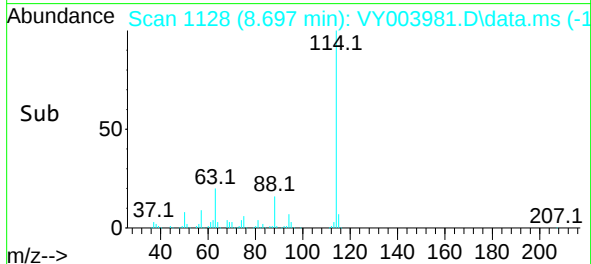
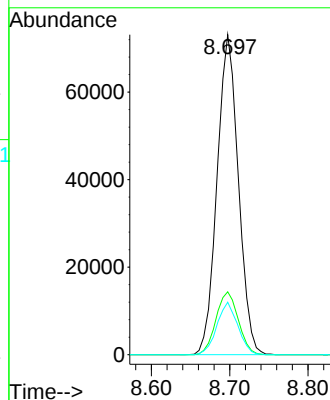
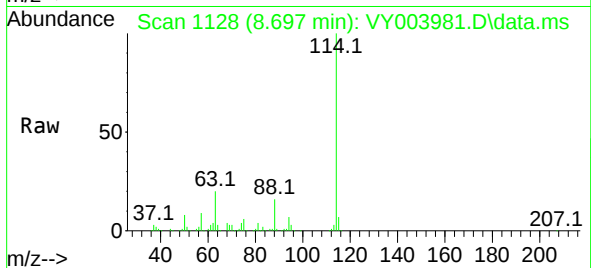
Tgt Ion:114 Resp: 138243

Ion Ratio Lower Upper

114 100

63 19.7 0.0 47.2

88 16.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 56.71 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY003981.D

Acq: 03 Feb 2021 23:41

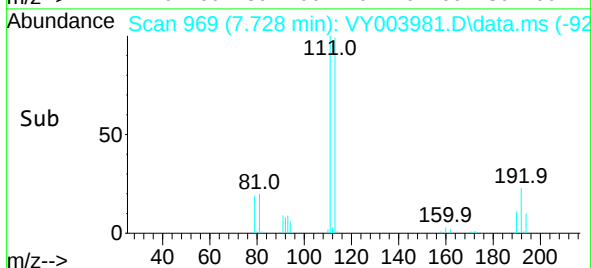
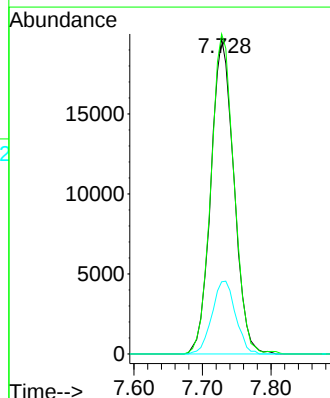
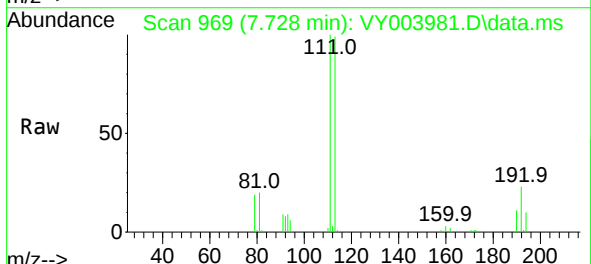
Tgt Ion:113 Resp: 45841

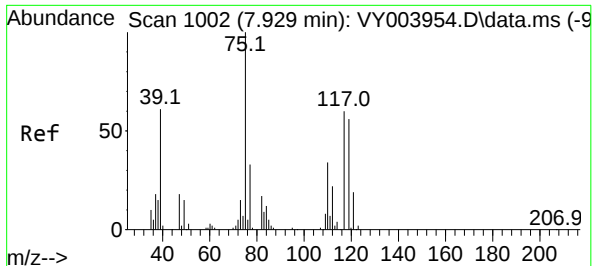
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

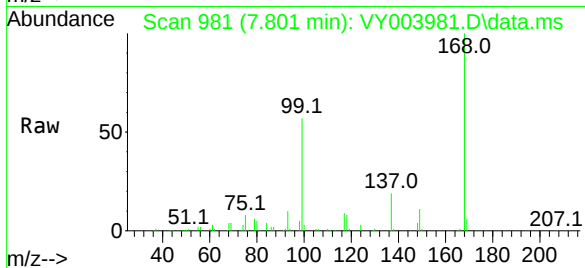
192 23.7 18.3 27.5



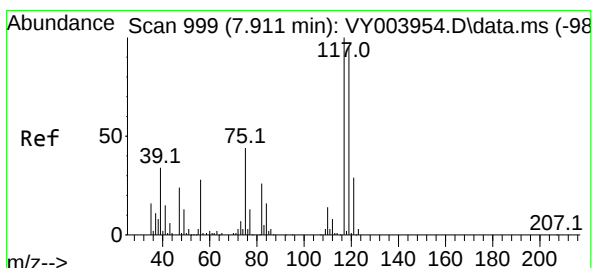
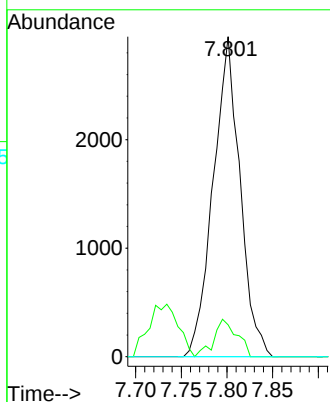
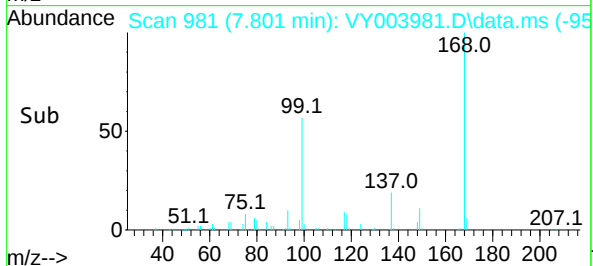


#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

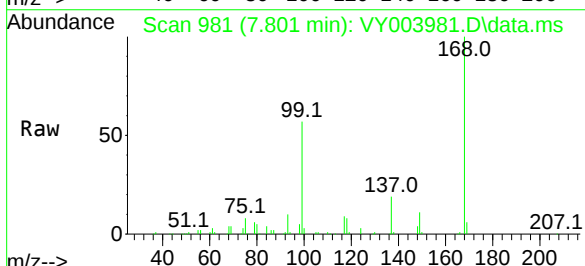
Instrument :
MSVOA_Y
ClientSampleId :



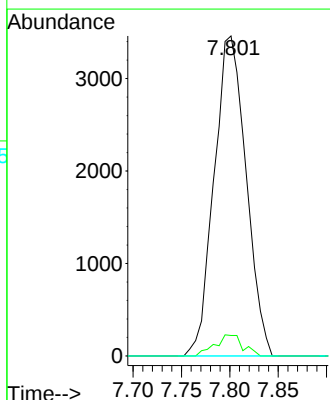
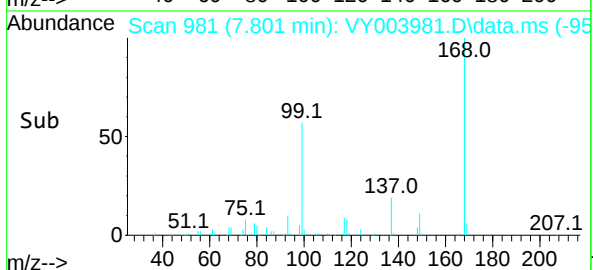
Tgt Ion: 75 Resp: 6025
Ion Ratio Lower Upper
75 100
110 10.0 17.9 53.8#
77 0.0 24.8 37.2#

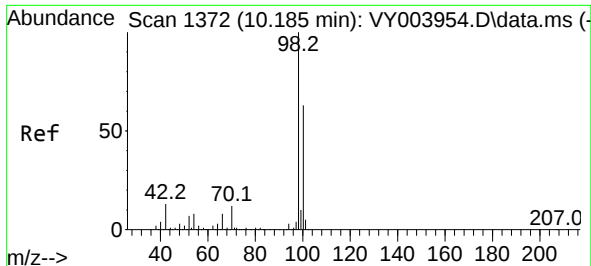


#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41



Tgt Ion: 117 Resp: 7963
Ion Ratio Lower Upper
117 100
119 6.4 77.4 116.0#
121 0.0 26.1 39.1#

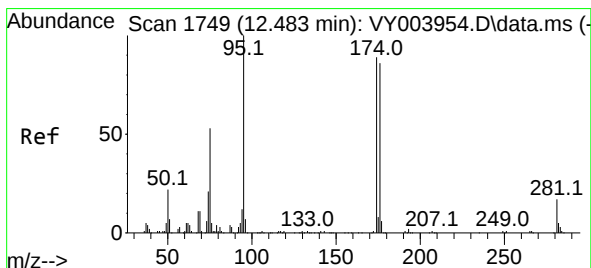
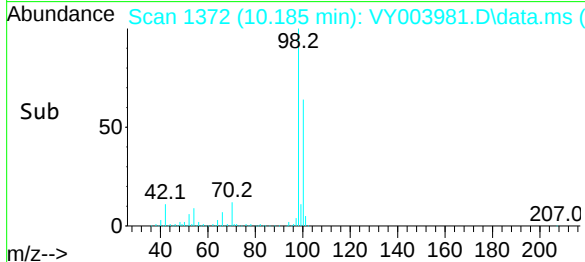
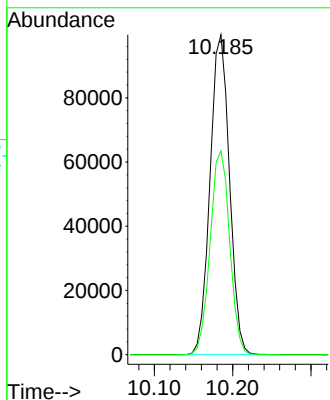
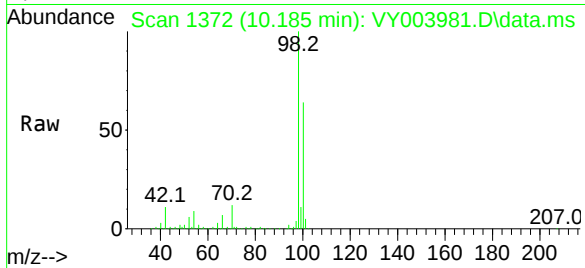




#50
Toluene-d8
Concen: 54.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

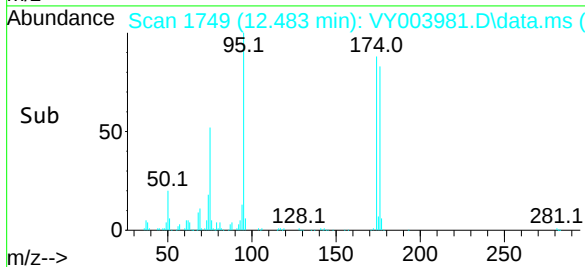
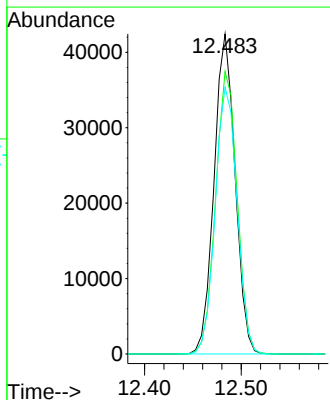
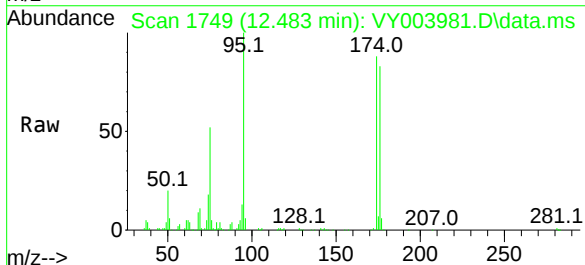
Instrument :
MSVOA_Y
ClientSampled :

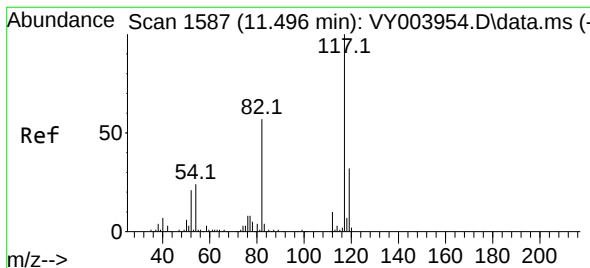
Tgt Ion: 98 Resp: 171628
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 55.37 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Tgt Ion: 95 Resp: 64017
Ion Ratio Lower Upper
95 100
174 90.4 0.0 184.4
176 86.5 0.0 177.2

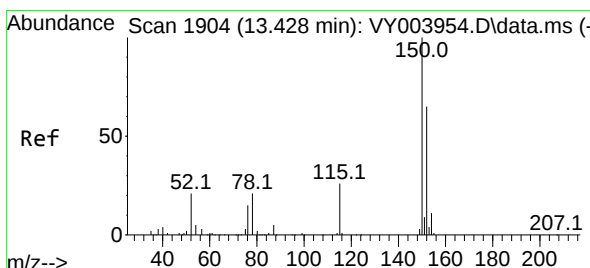
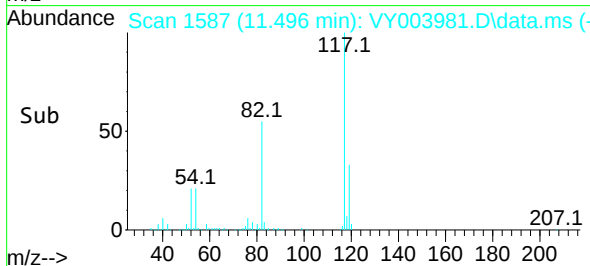
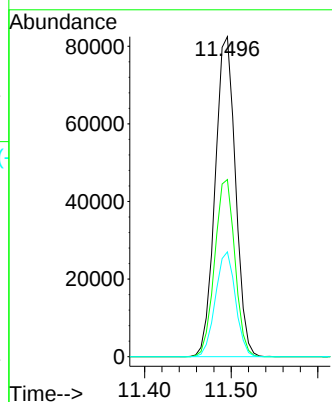
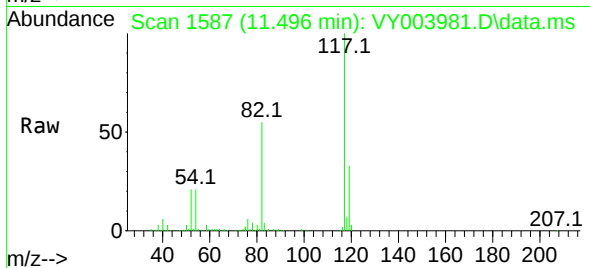




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

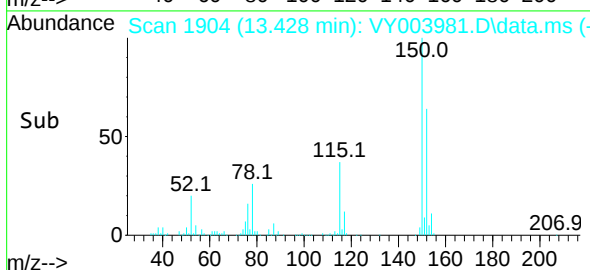
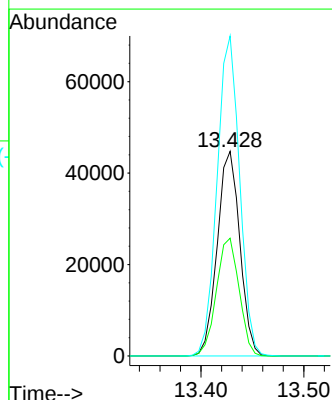
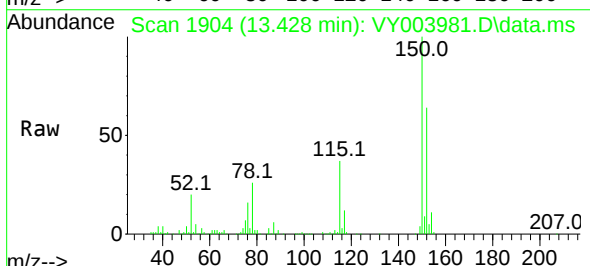
Instrument :
MSVOA_Y
ClientSampleId :

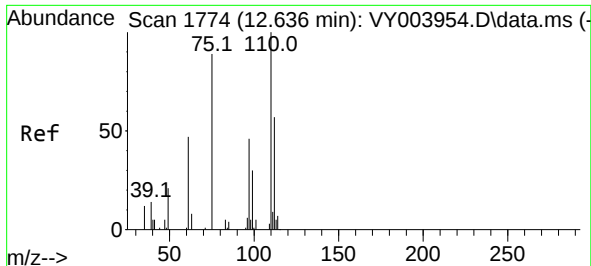
Tgt Ion:117 Resp: 134562
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Tgt Ion:152 Resp: 68246
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.6
150 155.9 0.0 356.2

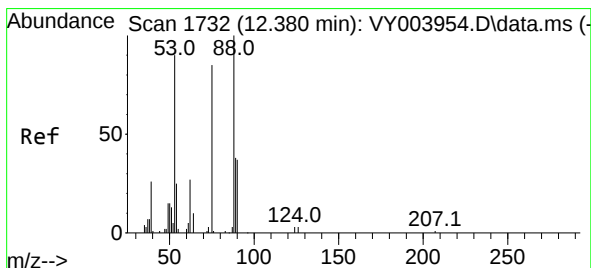
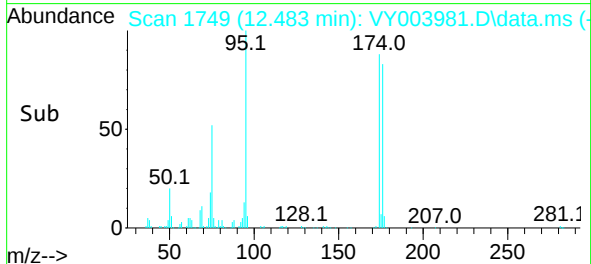
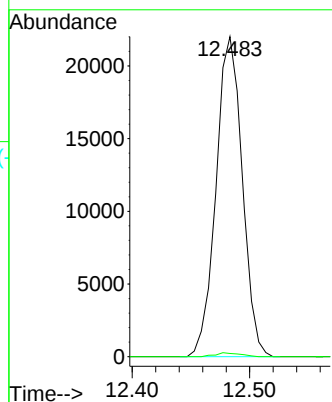
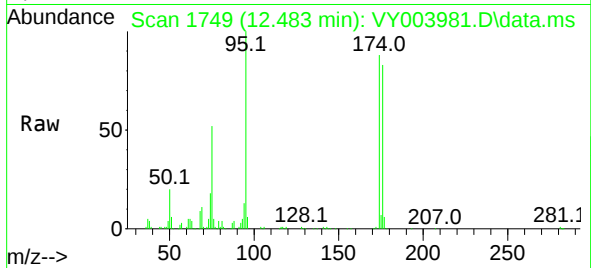




#76
1,2,3-Trichloropropane
Concen: 49.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34195
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Tgt Ion: 75 Resp: 34195
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.1 34.8 52.2#

