

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004831.D
 Acq On : 18 May 2021 17:01
 Operator : SY/MD
 Sample : M2435-10
 Misc : 7.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:05:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

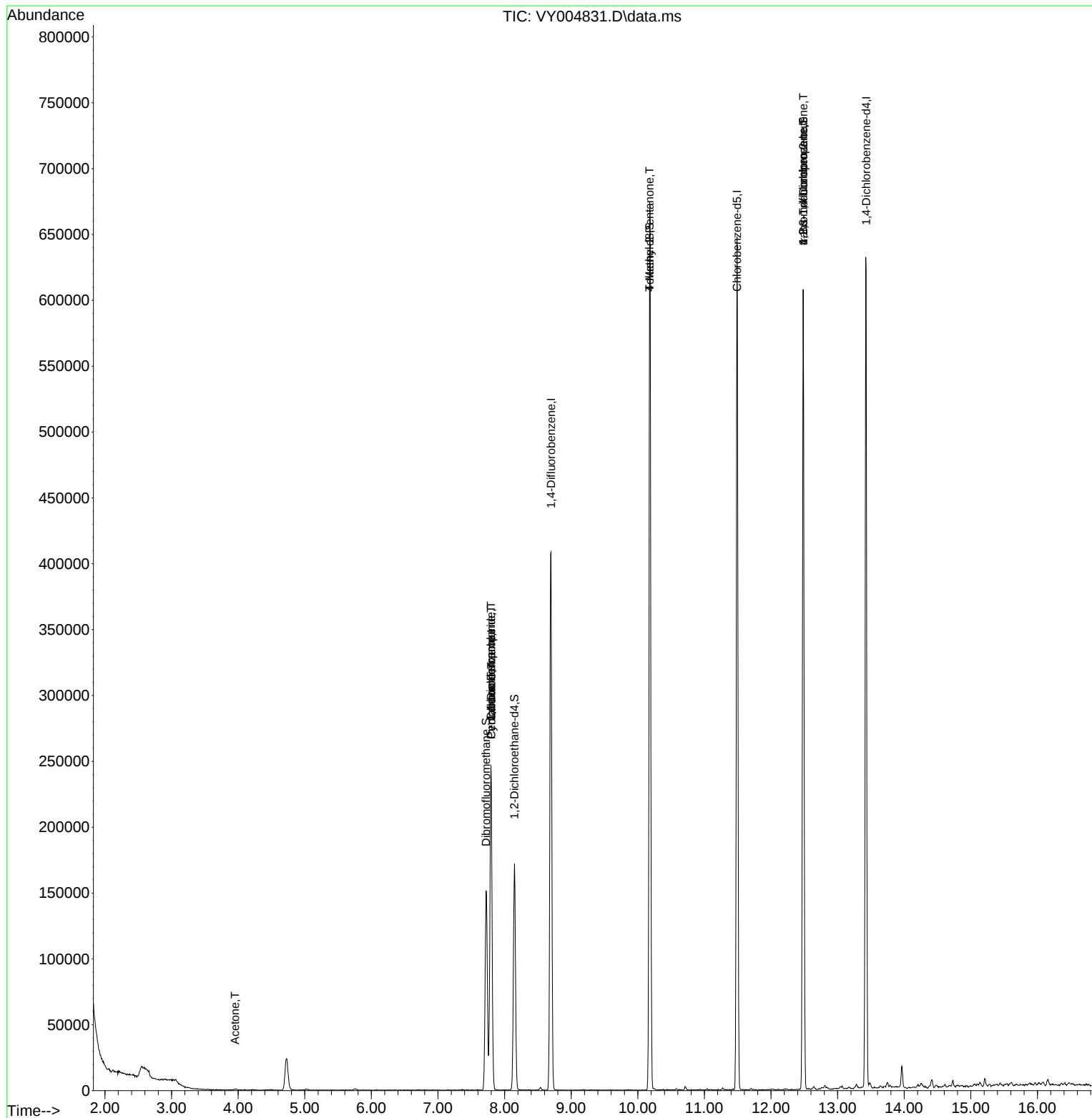
Internal Standards						
1) Pentafluorobenzene	7.801	168	182210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	338678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131282	60.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.06%	
35) Dibromofluoromethane	7.722	113	105055	56.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.32%	
50) Toluene-d8	10.179	98	425054	50.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.50%	
62) 4-Bromofluorobenzene	12.483	95	150317	53.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.34%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1258	2.58	ug/l #	72
20) Methylene Chloride	4.722	84	17592	Below	Cal	96
31) Cyclohexane	7.801	56	4676	1.33	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	14971	4.31	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19266	6.18	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	2458	1.03	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	83604	51.82	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83604	89.85	ug/l #	13

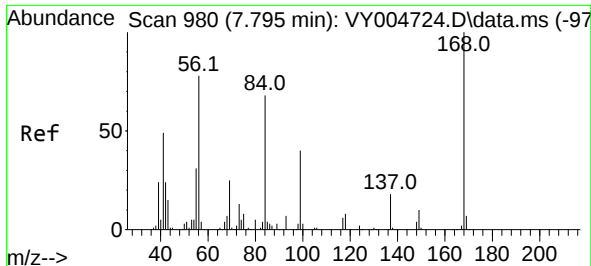
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

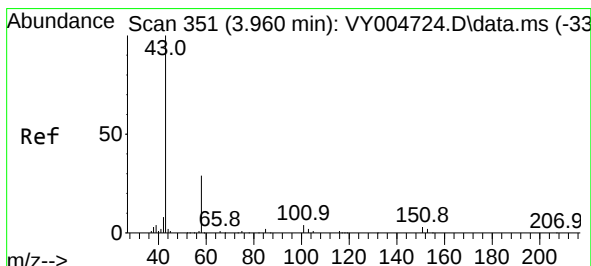
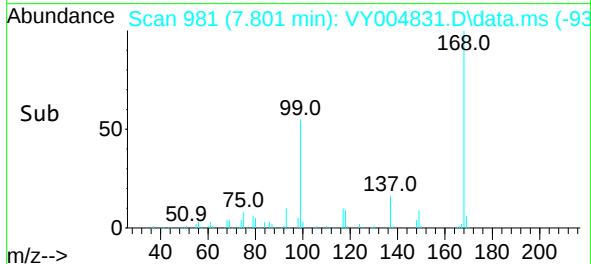
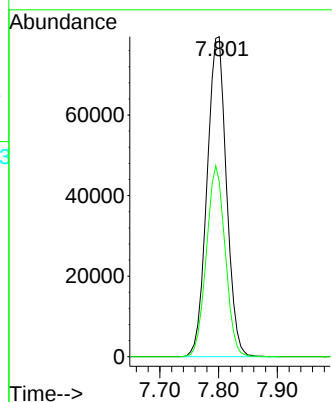
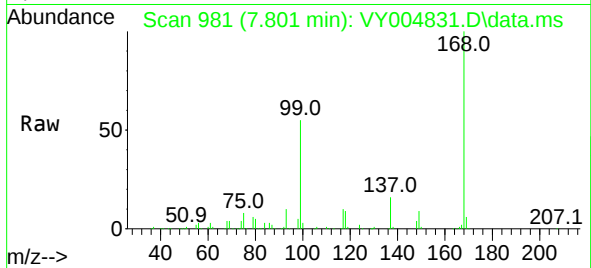




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

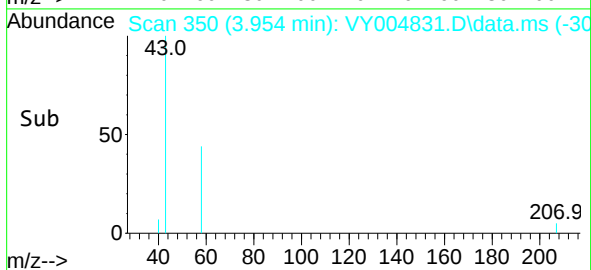
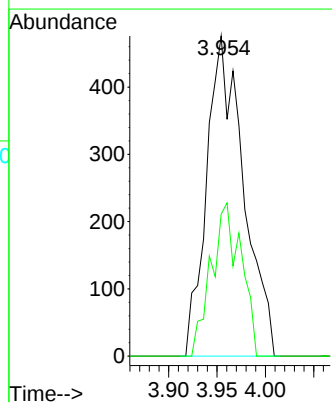
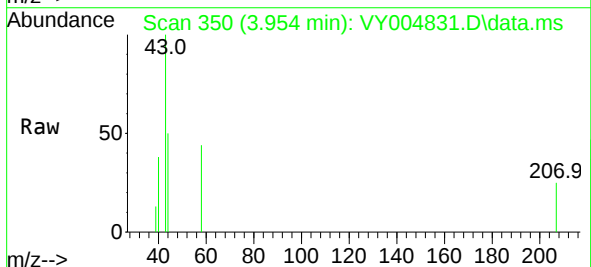
Instrument :
MSVOA_Y
ClientSampleId :

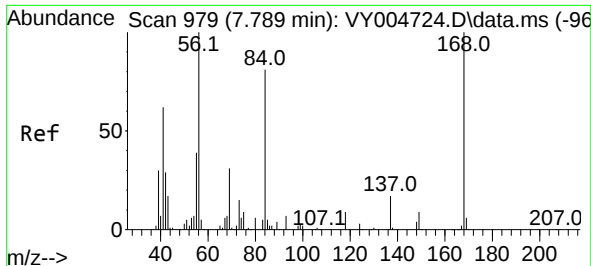
Tgt Ion:168 Resp: 182210
Ion Ratio Lower Upper
168 100
99 54.8 45.6 68.4



#16
Acetone
Concen: 2.58 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

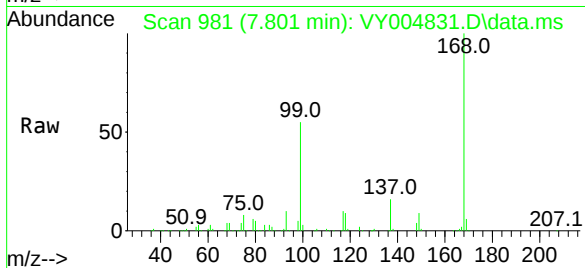
Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
58 44.3 23.6 35.4#



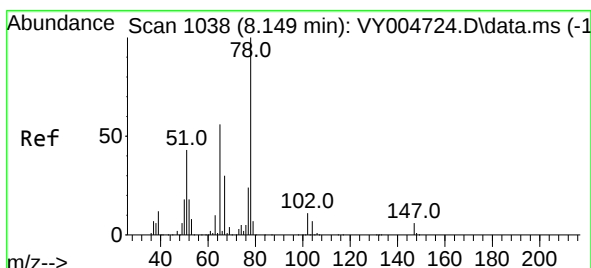
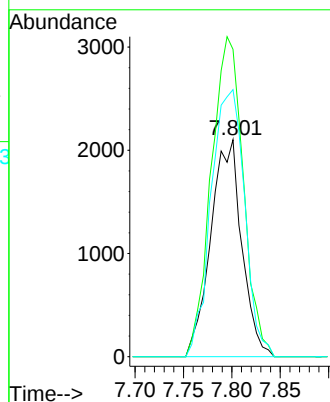
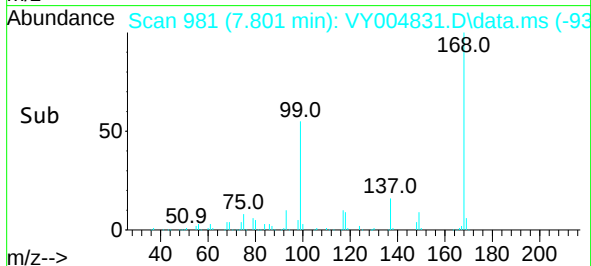


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

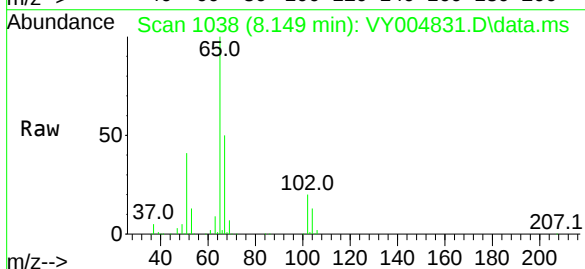
Instrument :
MSVOA_Y
ClientSampled :



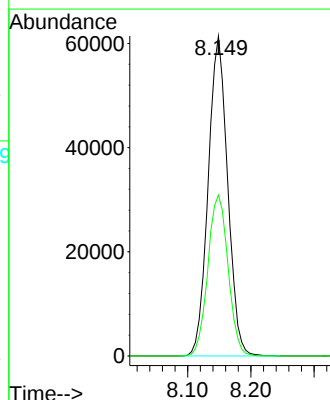
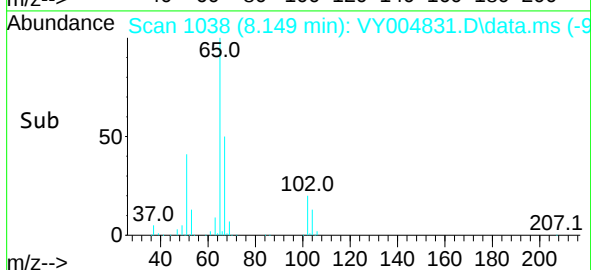
Tgt Ion: 56 Resp: 4676
Ion Ratio Lower Upper
56 100
69 141.7 24.4 36.6#
84 123.1 64.8 97.2#

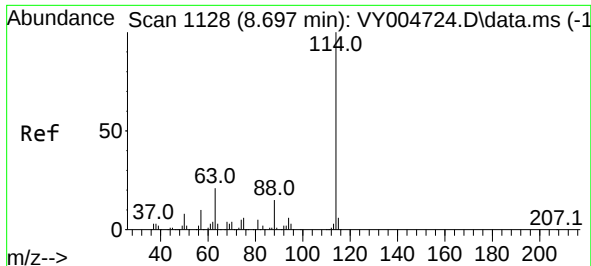


#33
1,2-Dichloroethane-d4
Concen: 60.53 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01



Tgt Ion: 65 Resp: 131282
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

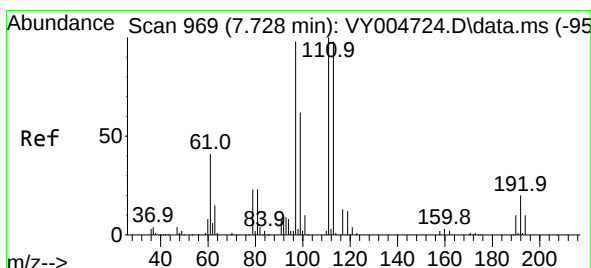
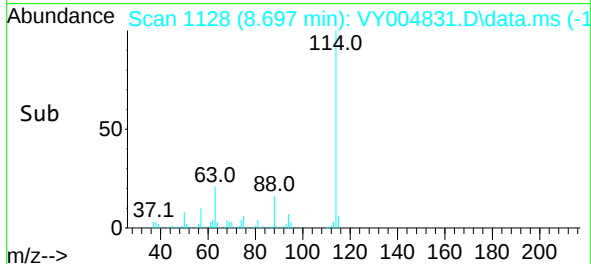
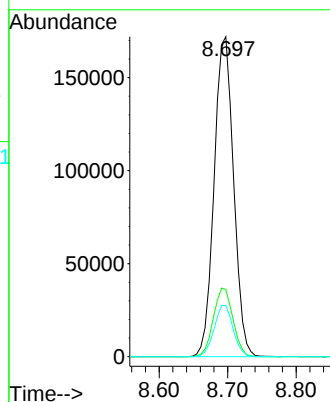
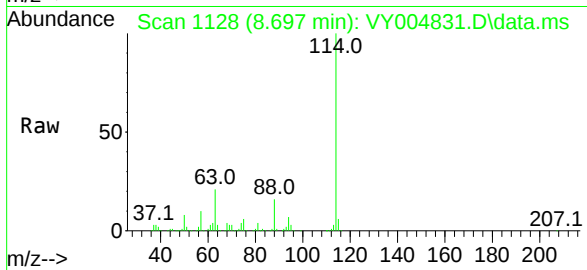
Delta R.T. 0.000 min

Lab File: VY004831.D

Acq: 18 May 2021 17:01

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	114	Resp:	338678
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.8
88	16.0	0.0	31.0



#35

Dibromofluoromethane

Concen: 56.66 ug/l

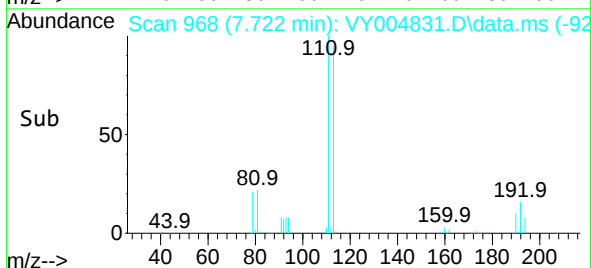
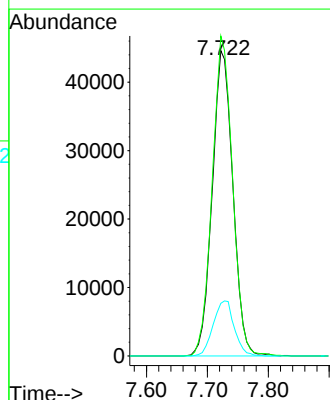
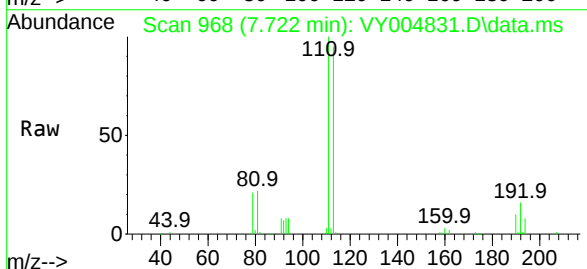
RT: 7.722 min Scan# 968

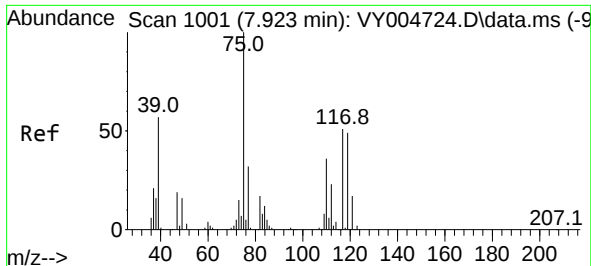
Delta R.T. -0.006 min

Lab File: VY004831.D

Acq: 18 May 2021 17:01

Tgt Ion:	113	Resp:	105055
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.5	120.7
192	18.4	15.0	22.6

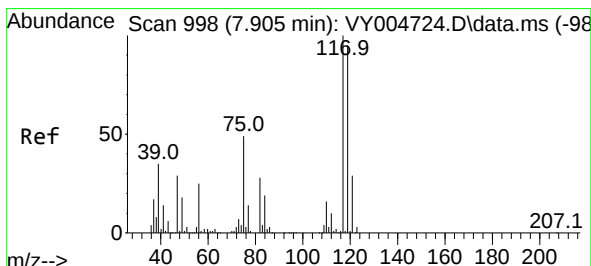
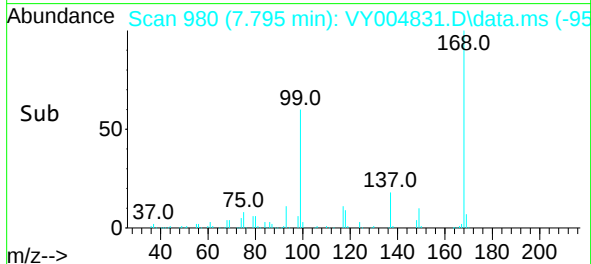
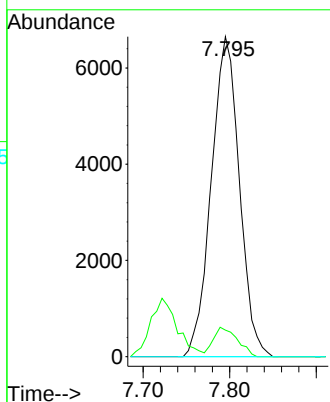
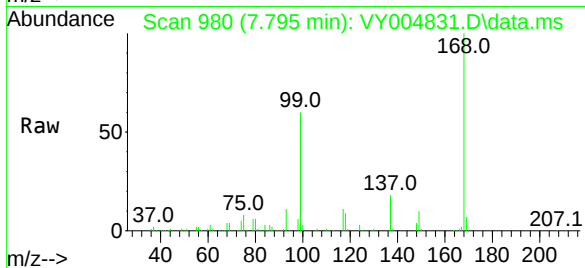




#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

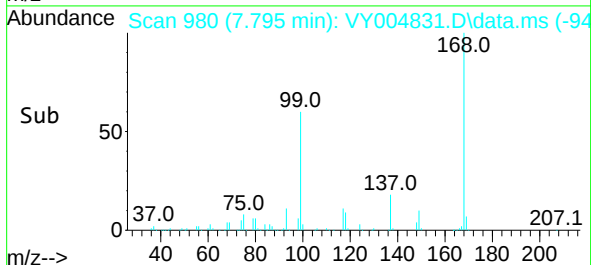
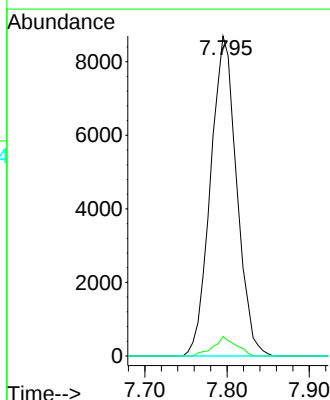
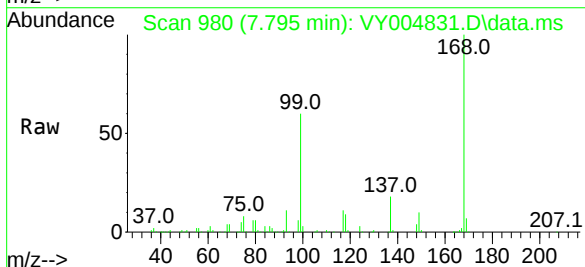
Instrument :
MSVOA_Y
ClientSampled :

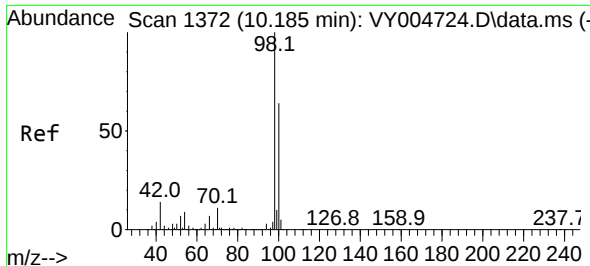
Tgt Ion: 75 Resp: 14971
Ion Ratio Lower Upper
75 100
110 7.8 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

Tgt Ion: 117 Resp: 19266
Ion Ratio Lower Upper
117 100
119 6.1 76.3 114.5#
121 0.0 23.0 34.6#

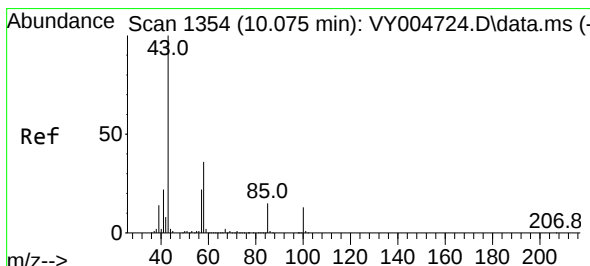
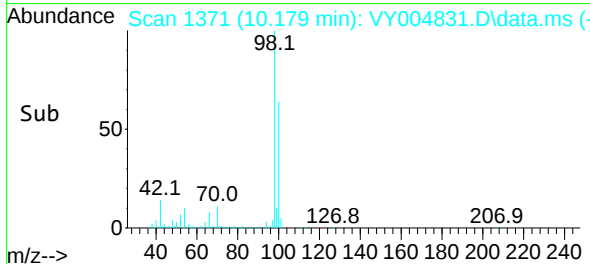
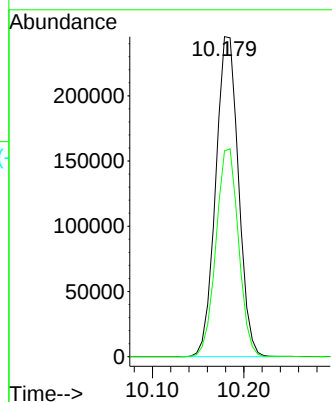
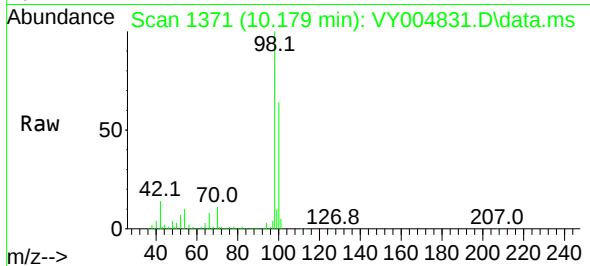




#50
Toluene-d8
Concen: 50.75 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

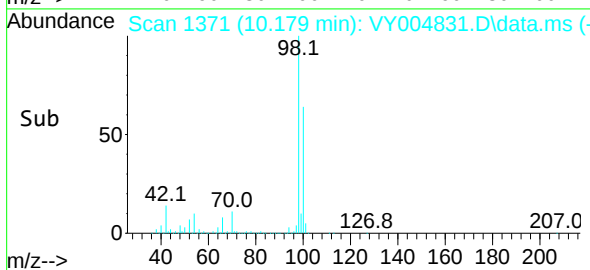
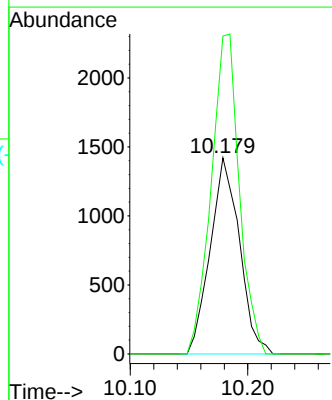
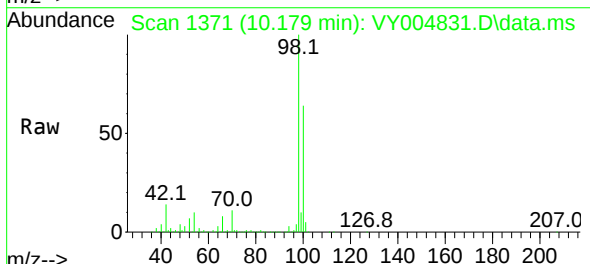
Instrument :
MSVOA_Y
ClientSampled :

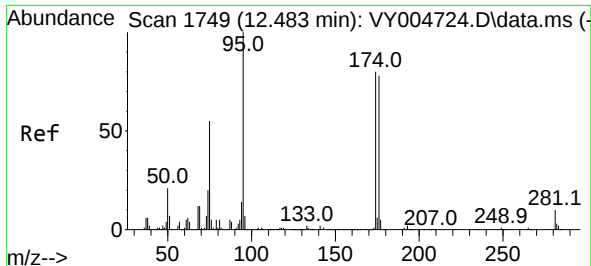
Tgt Ion: 98 Resp: 425054
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.03 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

Tgt Ion: 43 Resp: 2458
Ion Ratio Lower Upper
43 100
58 156.9 28.7 43.1#

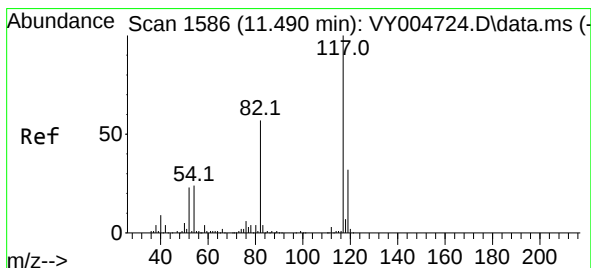
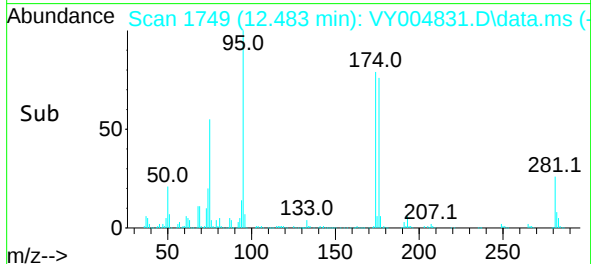
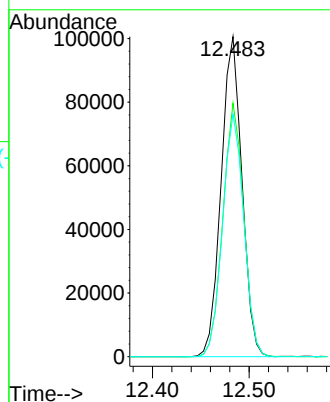
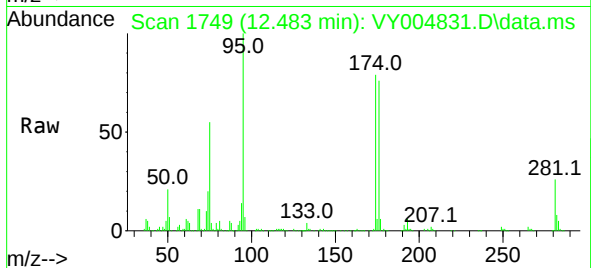




#62
4-Bromofluorobenzene
Concen: 53.17 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

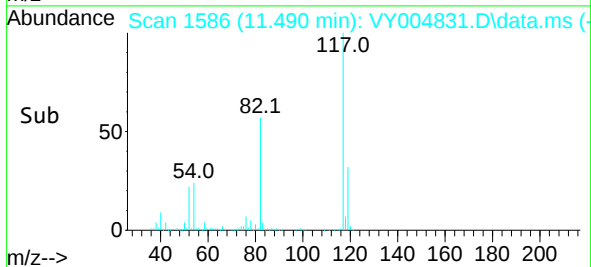
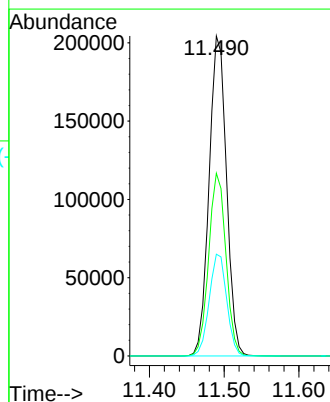
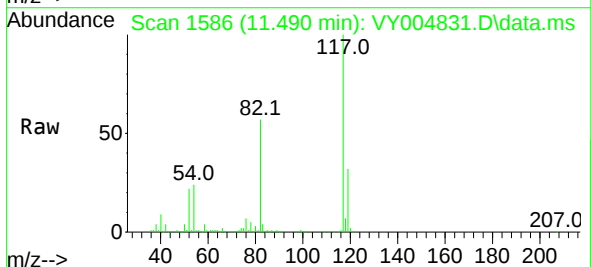
Instrument :
MSVOA_Y
ClientSampled :

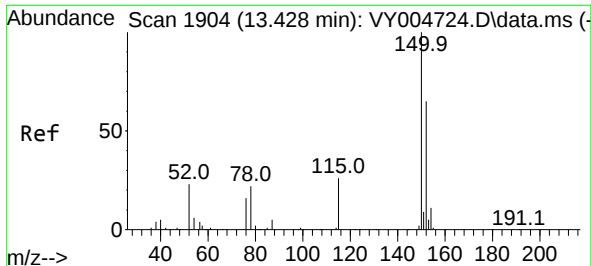
Tgt Ion: 95 Resp: 150317
Ion Ratio Lower Upper
95 100
174 79.4 0.0 164.2
176 77.2 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

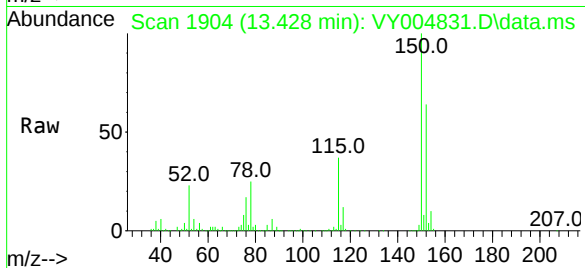
Tgt Ion: 117 Resp: 331313
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.8 25.8 38.6



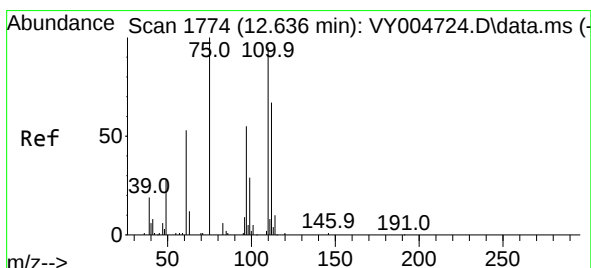
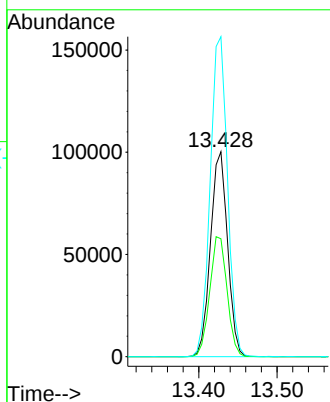
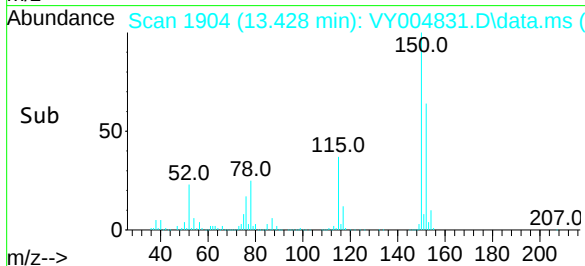


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004831.D
 Acq: 18 May 2021 17:01

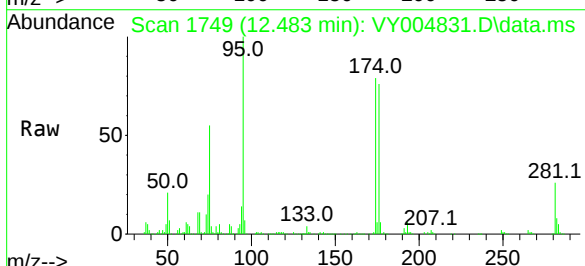
Instrument :
 MSVOA_Y
 ClientSampled :



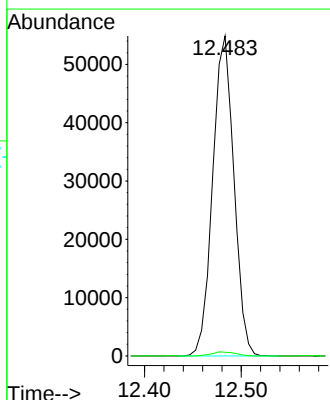
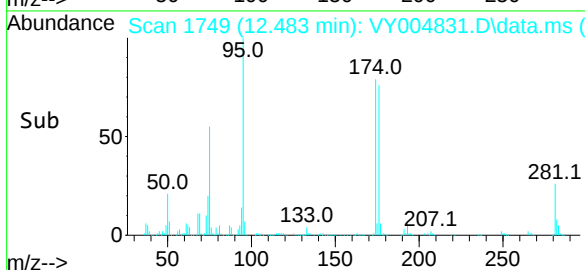
Tgt Ion:152 Resp: 151907
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.4 88.3
 150 157.8 0.0 349.8

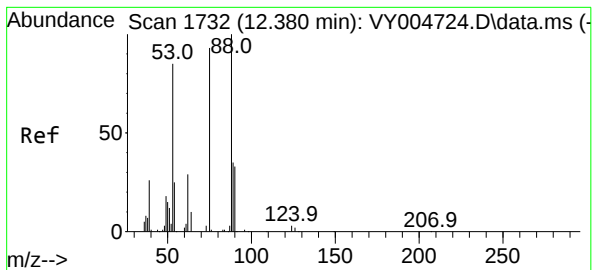


#76
 1,2,3-Trichloropropane
 Concen: 51.82 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004831.D
 Acq: 18 May 2021 17:01



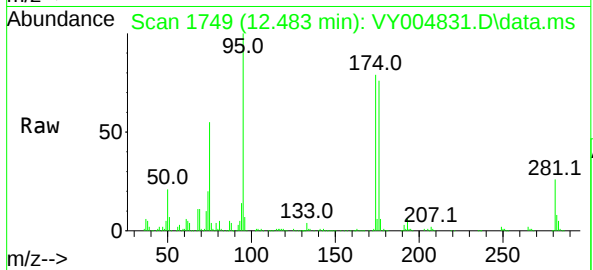
Tgt Ion: 75 Resp: 83604
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.85 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004831.D
 Acq: 18 May 2021 17:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 83604
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.7 35.5 53.3#

