

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006088.D
 Acq On : 20 Sep 2021 11:11
 Operator : SY/MD
 Sample : VY0920SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

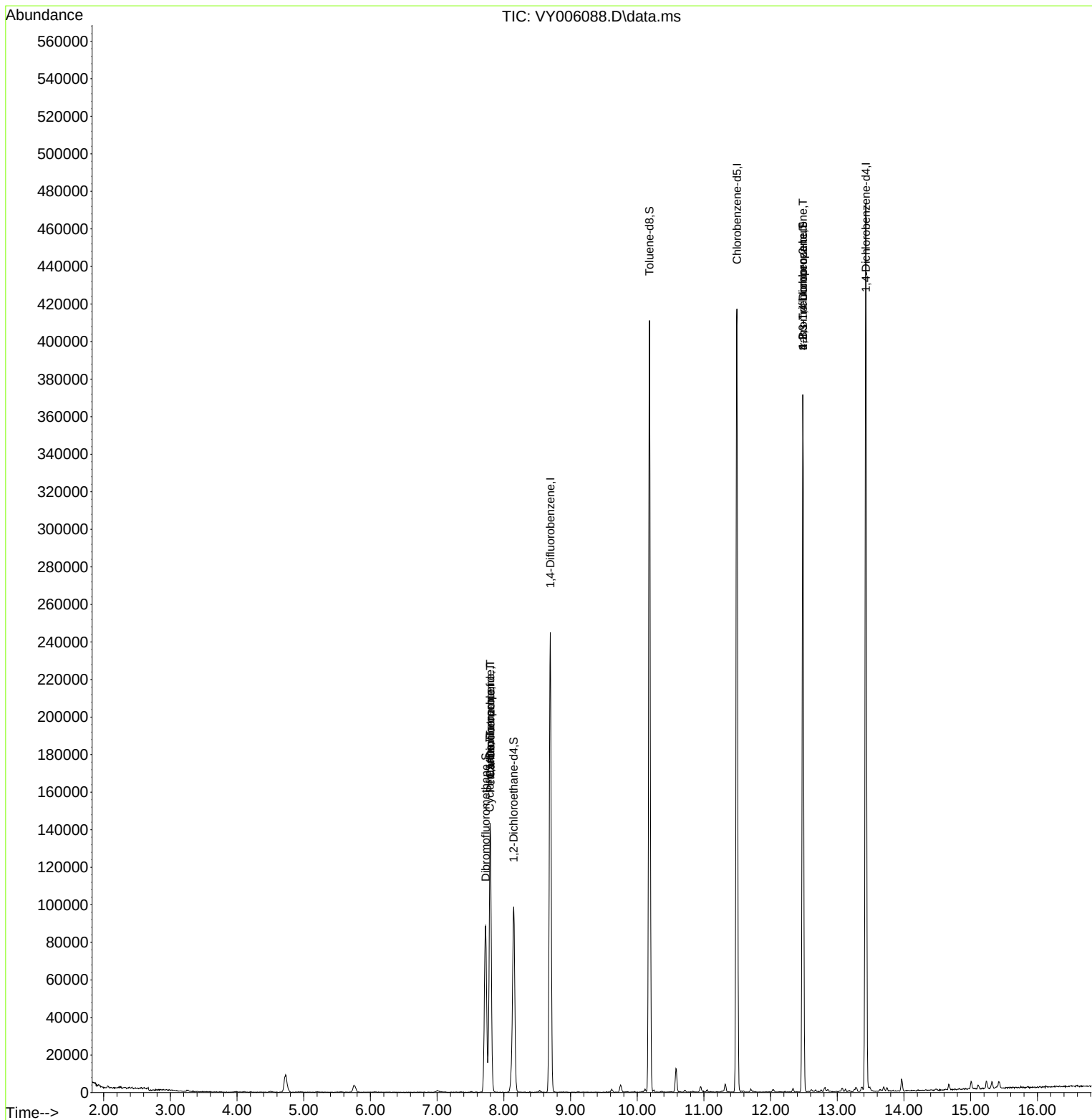
Quant Time: Sep 21 02:09:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

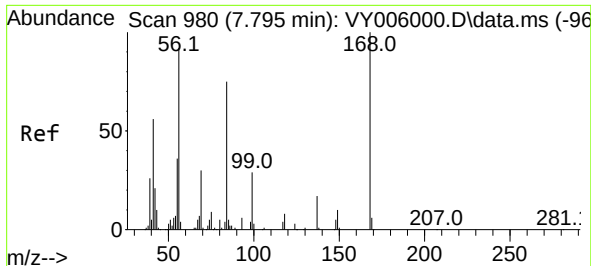
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	110723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80040	52.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.080%
35) Dibromofluoromethane	7.728	113	60260	48.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.185	98	259542	49.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.483	95	99847	55.574	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	73	Below Cal	#	77
31) Cyclohexane	7.789	56	2600	1.055	ug/l #	64
36) 1,1-Dichloropropene	7.795	75	8079	3.744	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10305	4.387	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	58714	47.857	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58714	87.986	ug/l #	7

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

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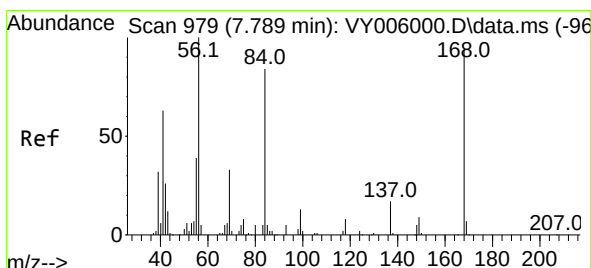
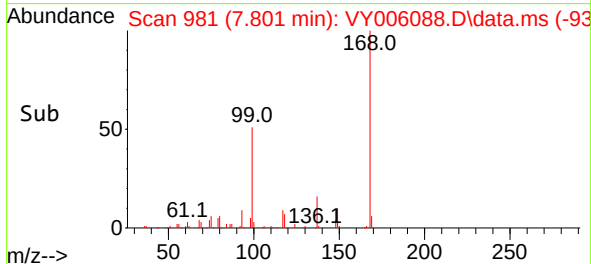
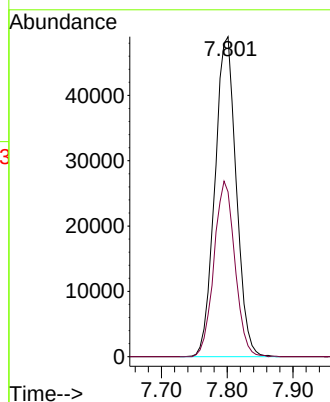
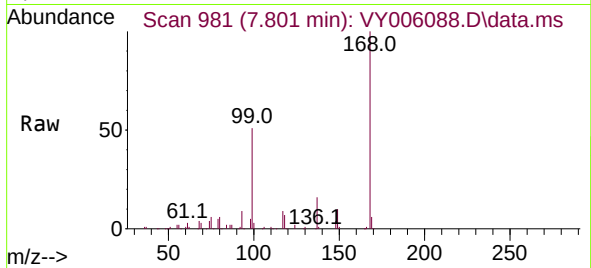




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11

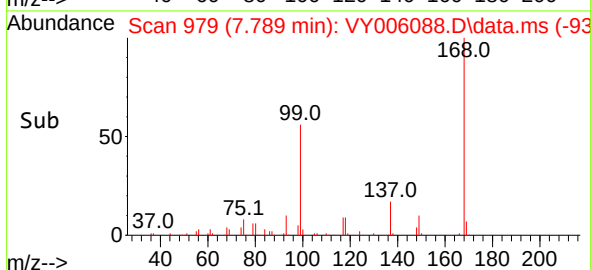
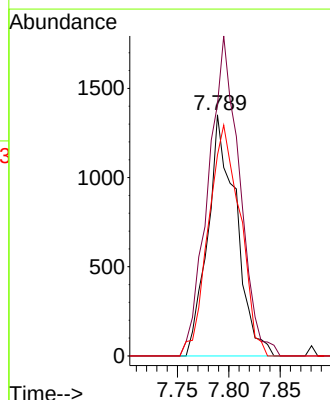
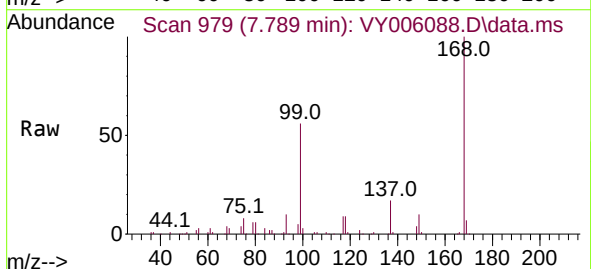
Instrument :
MSVOA_Y
ClientSampled :

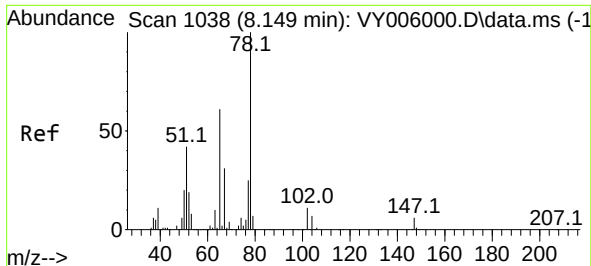
Tgt Ion:168 Resp: 110723
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11

Tgt Ion: 56 Resp: 2600
Ion Ratio Lower Upper
56 100
69 104.2 26.7 40.1#
84 83.4 67.2 100.8

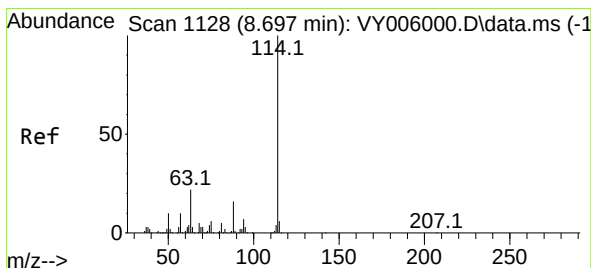
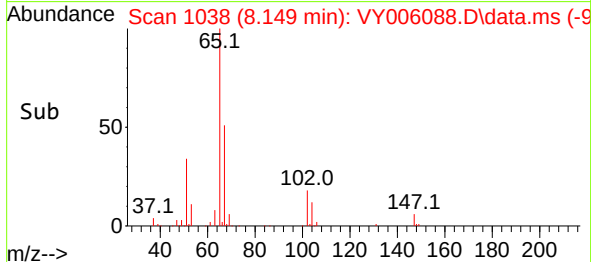
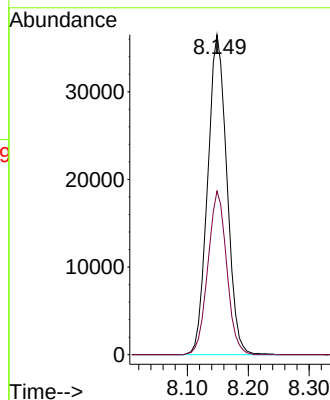
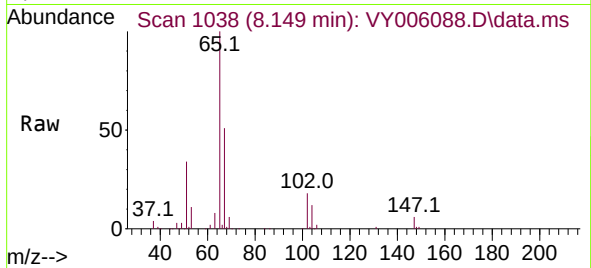




#33
1,2-Dichloroethane-d4
Concen: 52.041 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11

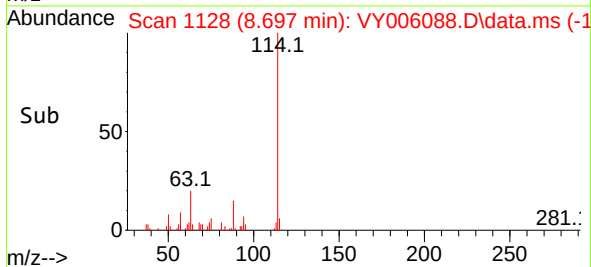
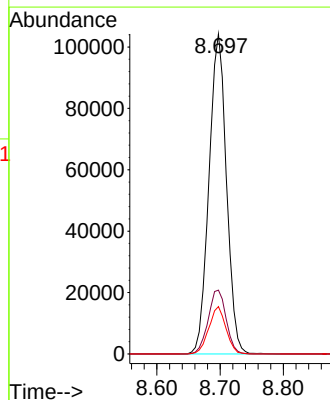
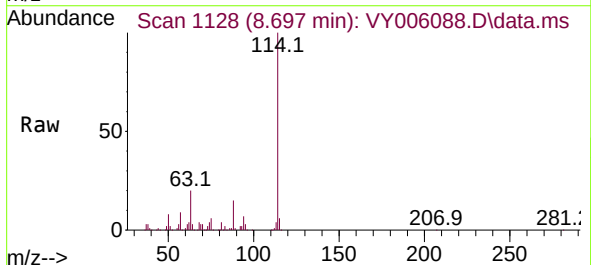
Instrument :
MSVOA_Y
ClientSampled :

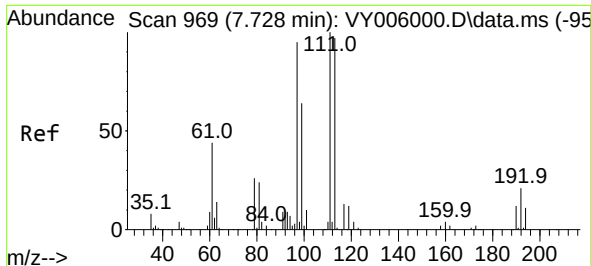
Tgt Ion: 65 Resp: 80040
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11

Tgt Ion:114 Resp: 199898
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 14.8 0.0 31.8

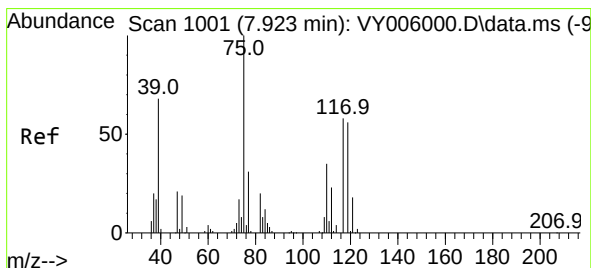
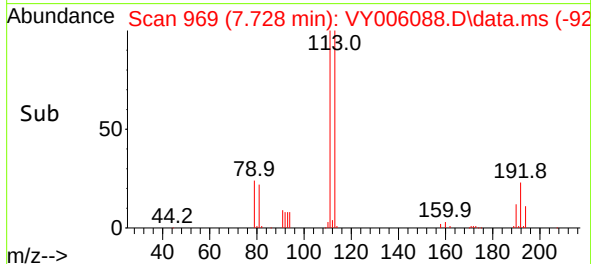
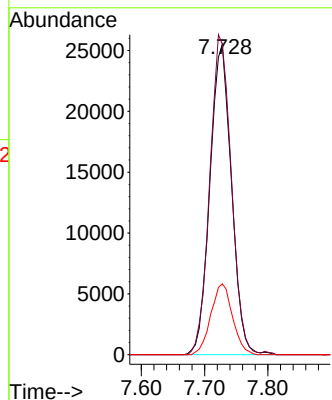
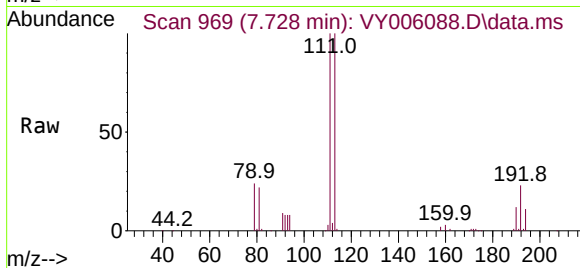




#35
Dibromofluoromethane
Concen: 48.534 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11

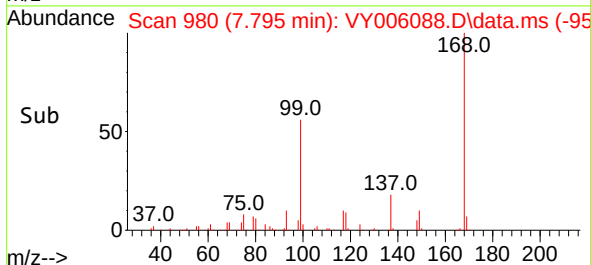
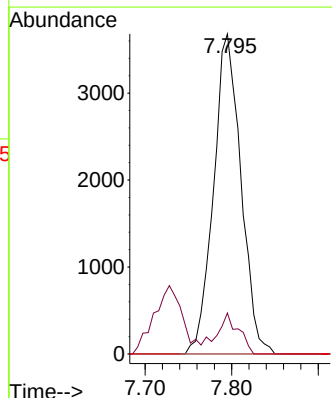
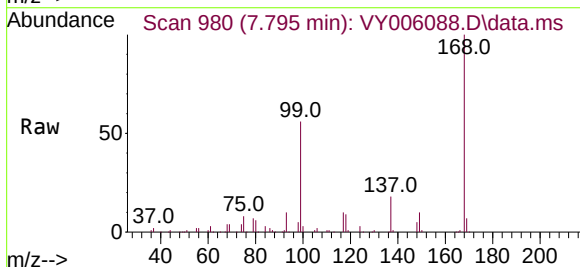
Instrument :
MSVOA_Y
ClientSampleId :

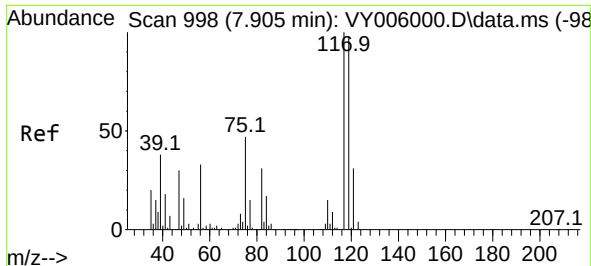
Tgt Ion:	113	Resp:	60260
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	23.0	17.6	26.4



#36
1,1-Dichloropropene
Concen: 3.744 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11

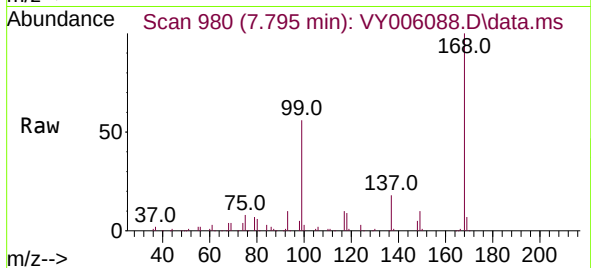
Tgt Ion:	75	Resp:	8079
Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.1	51.2#
77	0.0	24.4	36.6#



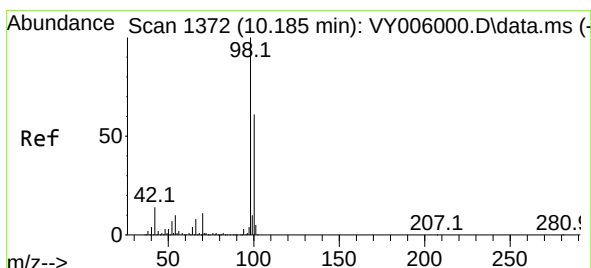
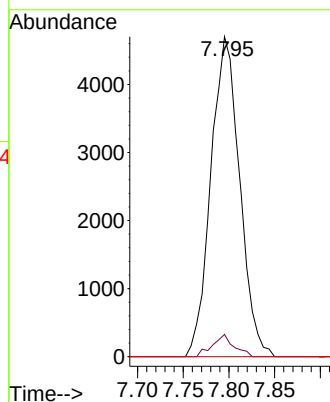
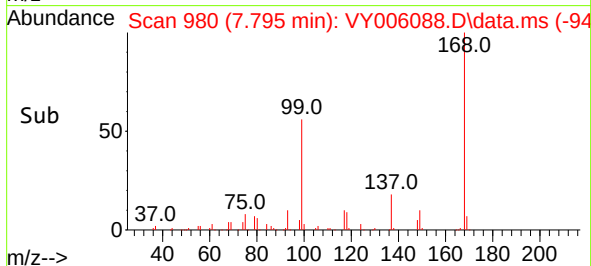


#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11

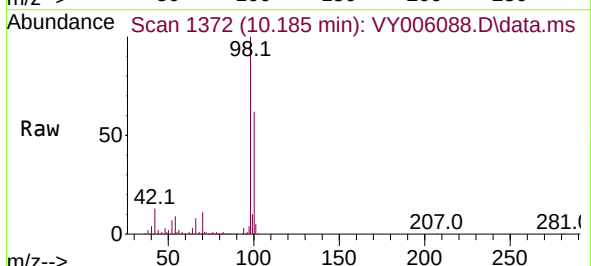
Instrument :
MSVOA_Y
ClientSampleId :



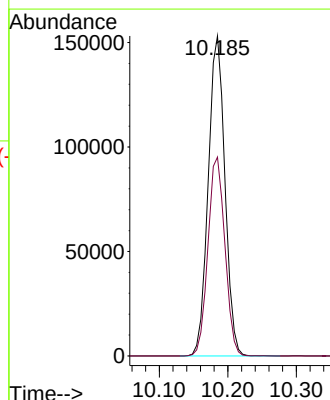
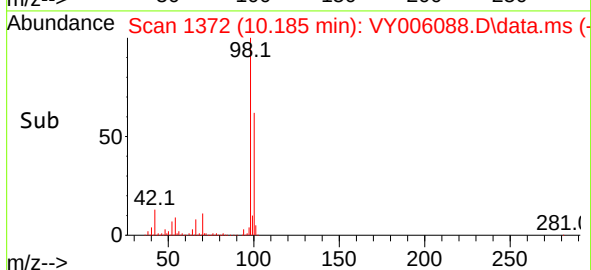
Tgt Ion: 117 Resp: 10305
Ion Ratio Lower Upper
117 100
119 7.0 77.9 116.9#
121 0.0 24.8 37.2#

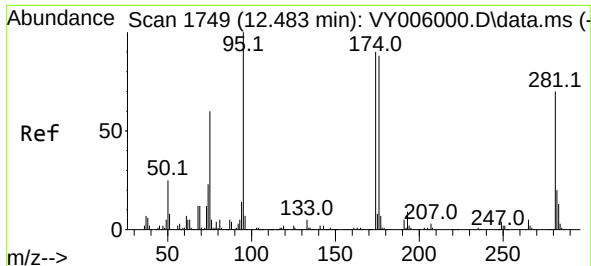


#50
Toluene-d8
Concen: 49.046 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11



Tgt Ion: 98 Resp: 259542
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

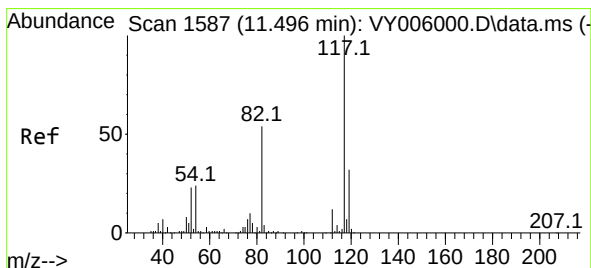
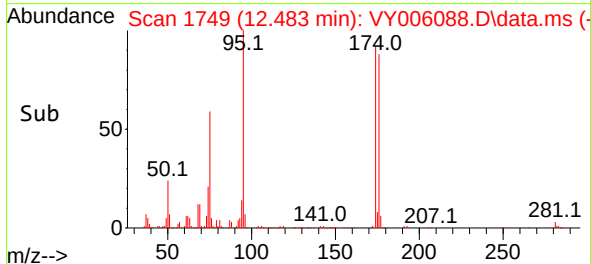
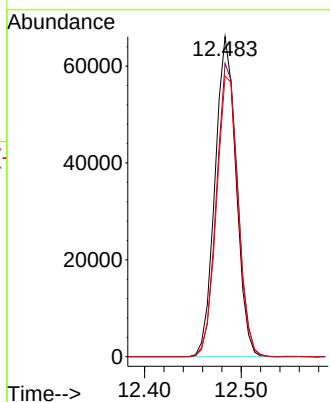
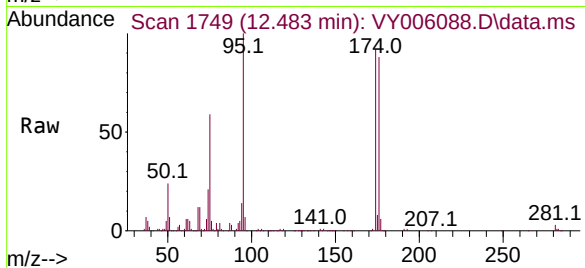




#62
4-Bromofluorobenzene
Concen: 55.574 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11

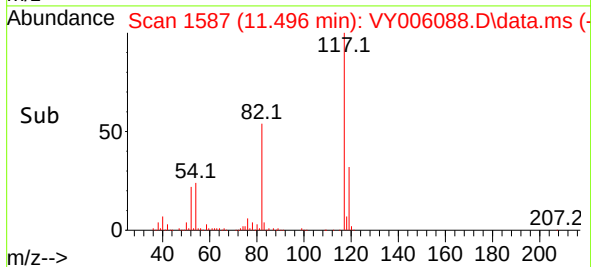
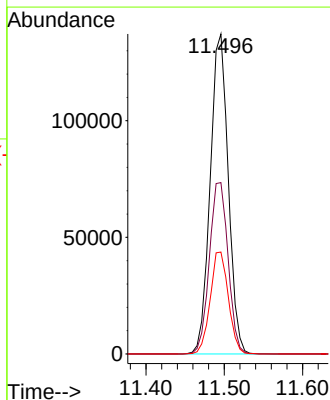
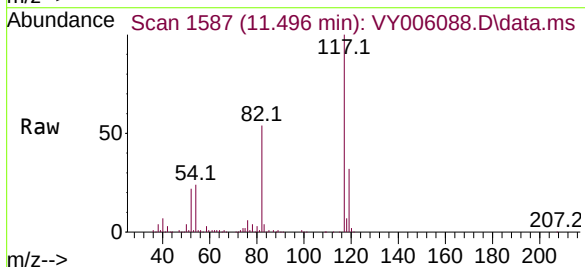
Instrument :
MSVOA_Y
ClientSampleId :

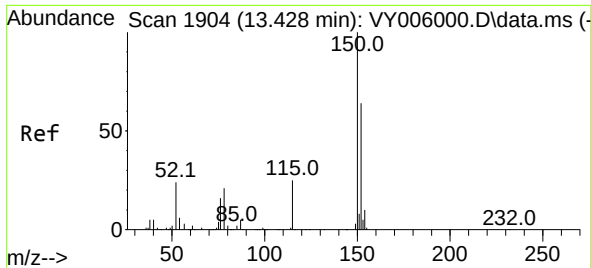
Tgt Ion: 95 Resp: 99847
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 90.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006088.D
Acq: 20 Sep 2021 11:11

Tgt Ion: 117 Resp: 219499
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.8 25.4 38.0

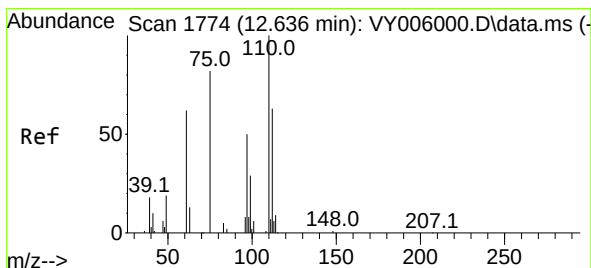
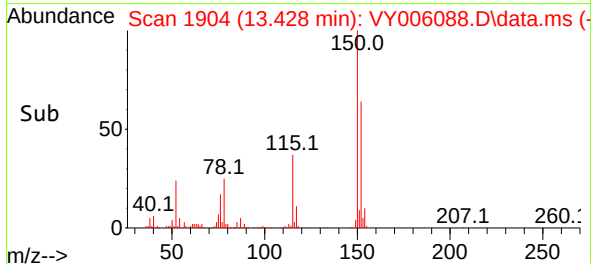
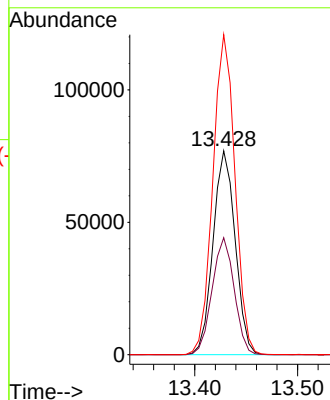
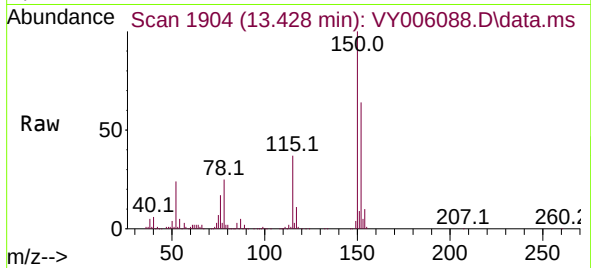




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006088.D
 Acq: 20 Sep 2021 11:11

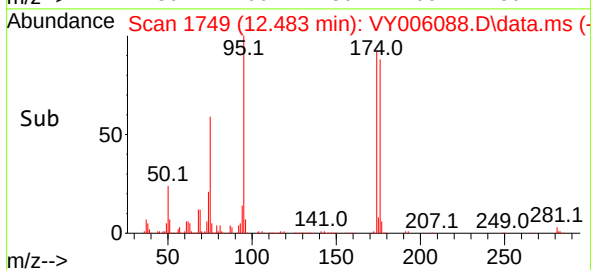
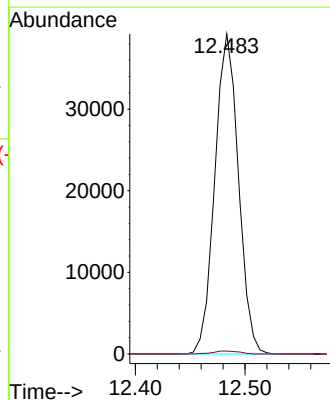
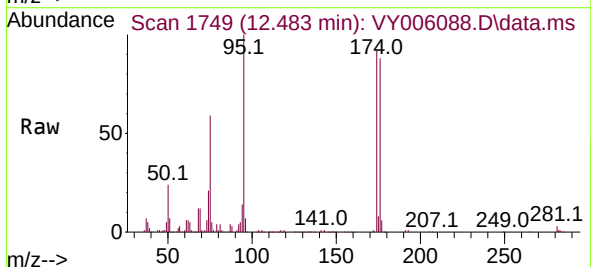
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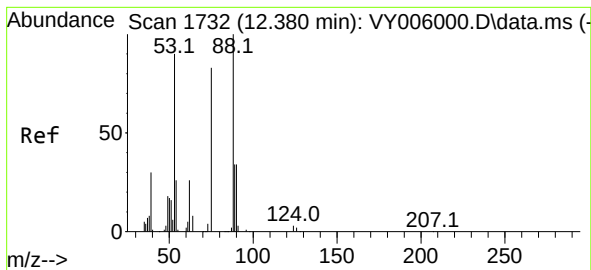
Tgt Ion:152 Resp: 115070
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.857 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006088.D
 Acq: 20 Sep 2021 11:11

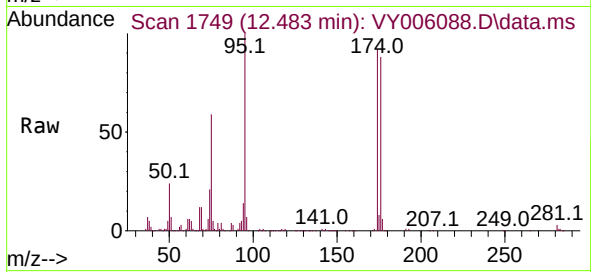
Tgt Ion: 75 Resp: 58714
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.986 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006088.D
 Acq: 20 Sep 2021 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 58714
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

