

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005490.D
 Acq On : 28 Jul 2021 15:33
 Operator : SY/MD
 Sample : M3210-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 05:32:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

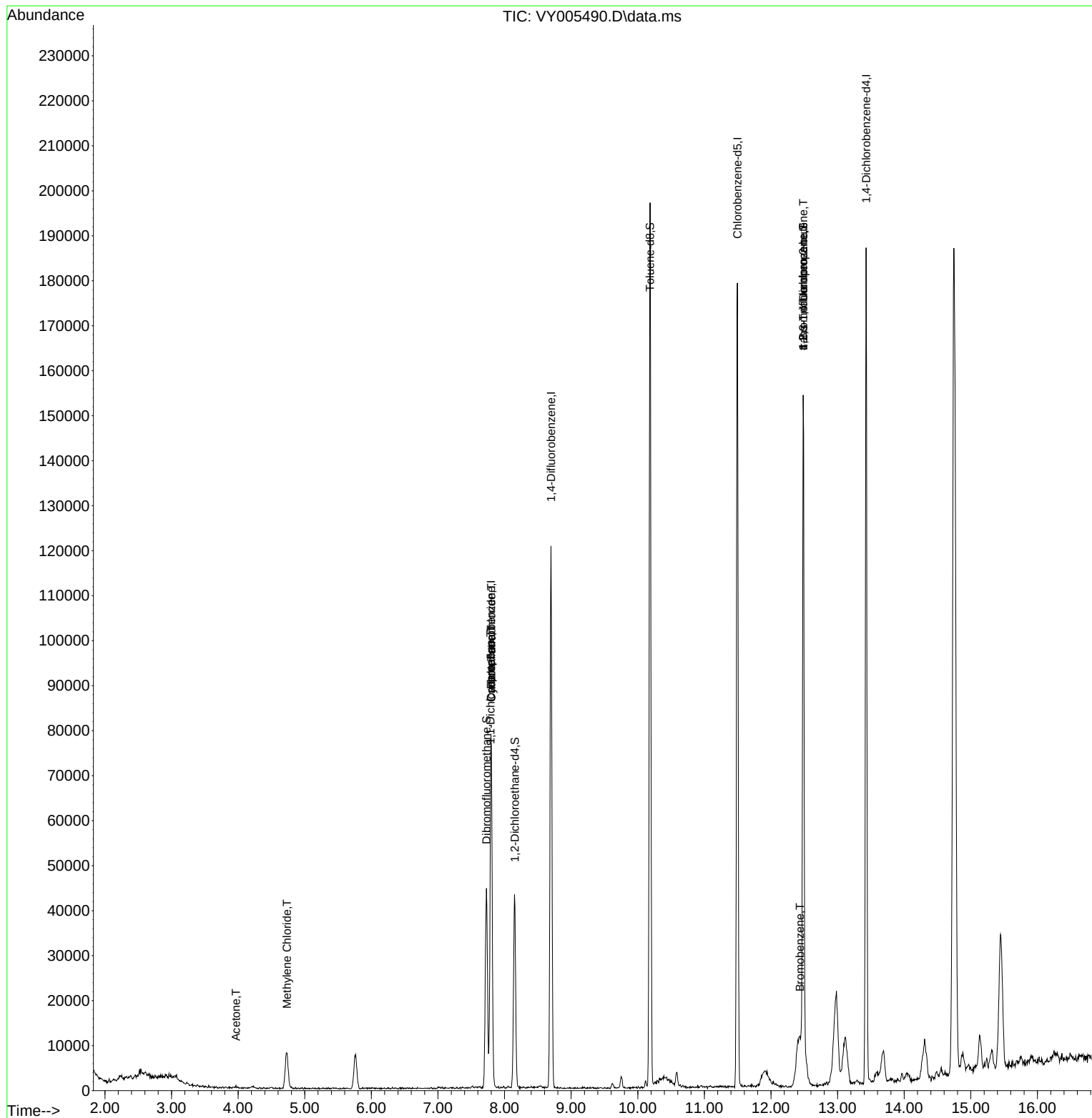
Internal Standards						
1) Pentafluorobenzene	7.795	168	63904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	99600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	95471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	34832	51.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.040%	
35) Dibromofluoromethane	7.728	113	29938	52.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.120%	
50) Toluene-d8	10.185	98	126082	51.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.483	95	41000	50.965	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.967	43	758	4.862	ug/l	91
20) Methylene Chloride	4.735	84	6345	6.002	ug/l #	78
31) Cyclohexane	7.801	56	1279	1.097	ug/l #	23
36) 1,1-Dichloropropene	7.789	75	4684	4.864	ug/l #	48
38) Carbon Tetrachloride	7.801	117	5632	5.352	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	23020	48.816	ug/l #	100
77) Bromobenzene	12.435	156	12351	15.261	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	23020	94.786	ug/l #	11

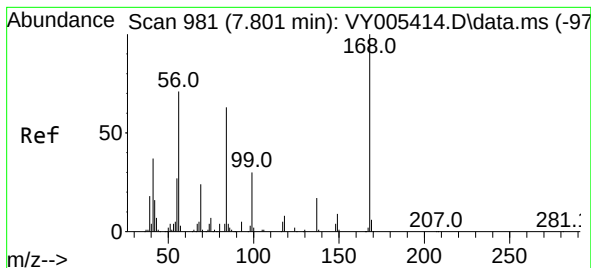
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 29 05:32:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY005490.D

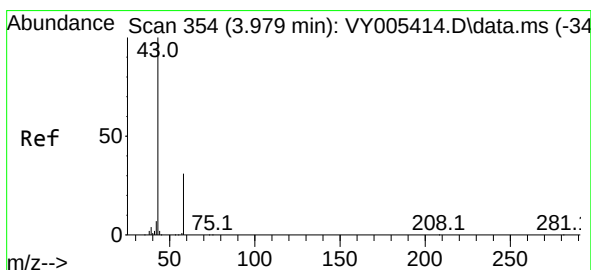
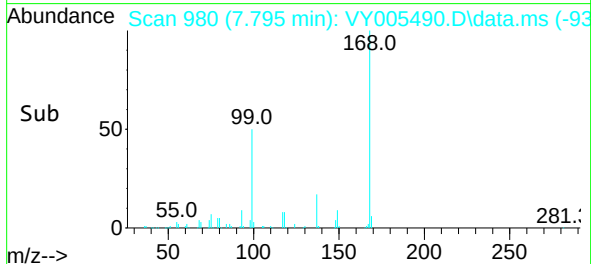
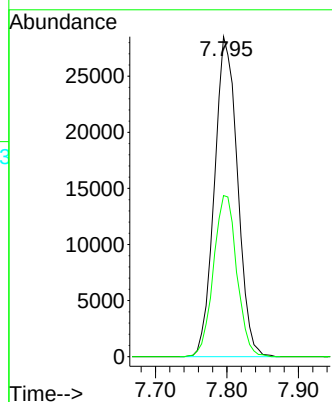
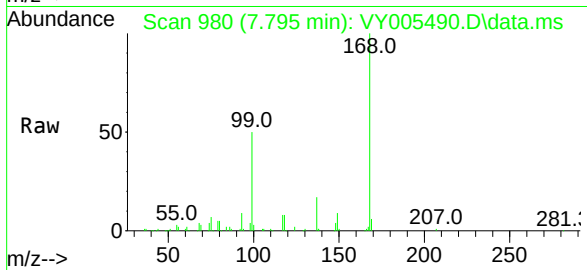
Acq: 28 Jul 2021 15:33

Tgt Ion:168 Resp: 63904

Ion Ratio Lower Upper

168 100

99 50.3 39.8 59.6



#16

Acetone

Concen: 4.862 ug/l

RT: 3.967 min Scan# 352

Delta R.T. -0.012 min

Lab File: VY005490.D

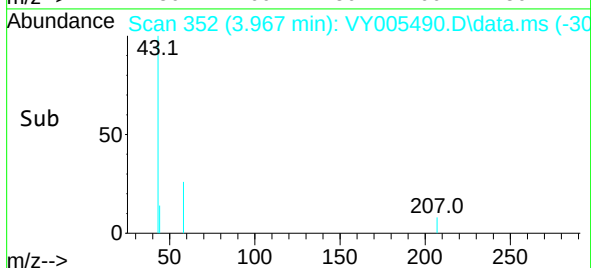
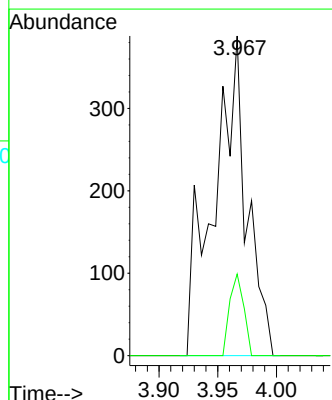
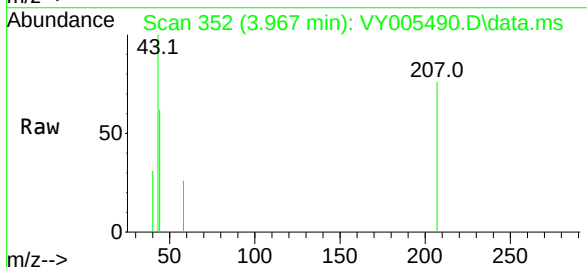
Acq: 28 Jul 2021 15:33

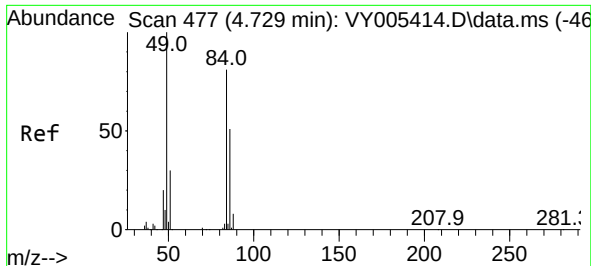
Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

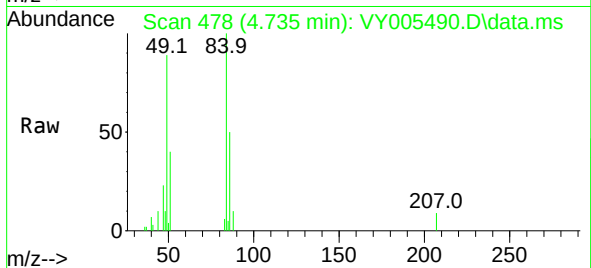
58 25.5 24.5 36.7



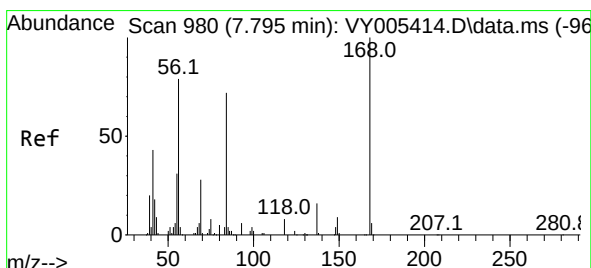
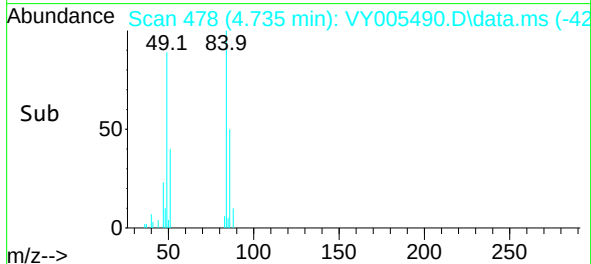
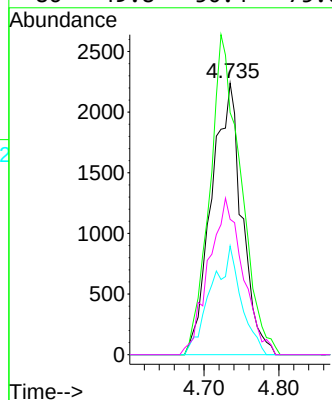


#20
Methylene Chloride
Concen: 6.002 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

Instrument :
MSVOA_Y
ClientSampleId :

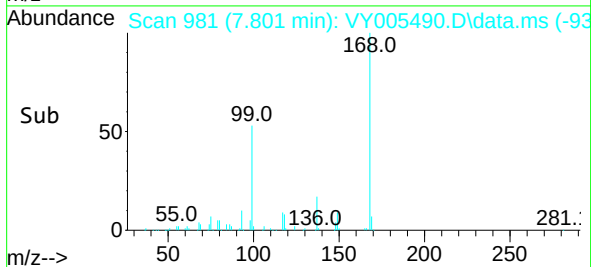
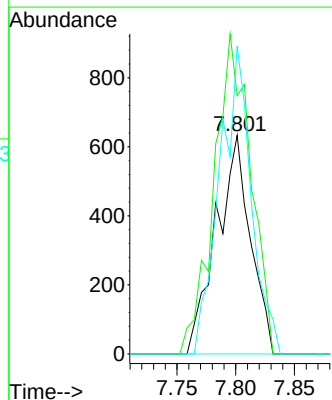
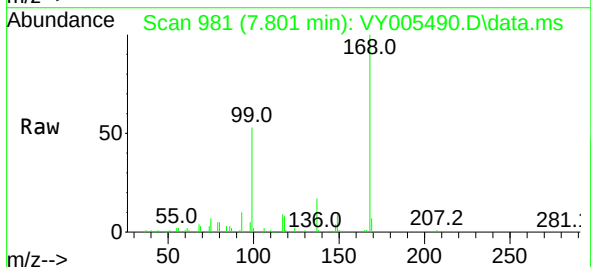


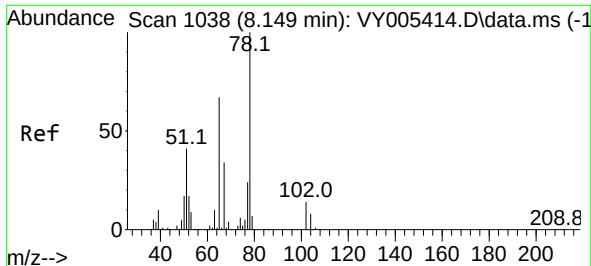
Tgt Ion:	84	Resp:	6345
Ion	Ratio	Lower	Upper
84	100		
49	89.2	98.9	148.3#
51	40.0	30.0	45.0
86	49.8	50.4	75.6#



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

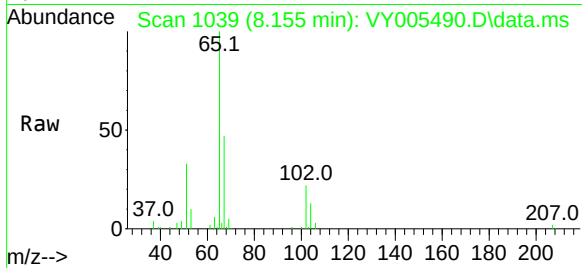
Tgt Ion:	56	Resp:	1279
Ion	Ratio	Lower	Upper
56	100		
69	118.2	28.7	43.1#
84	140.9	73.0	109.6#



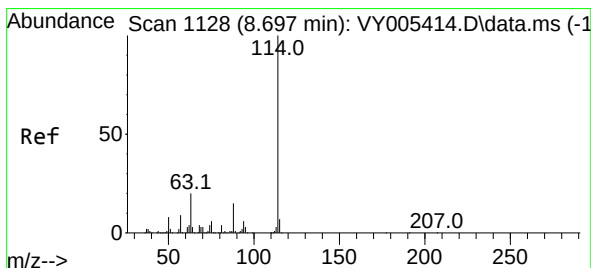
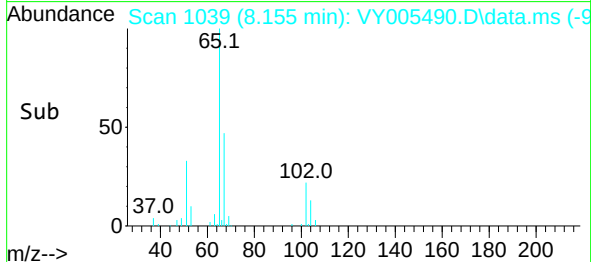
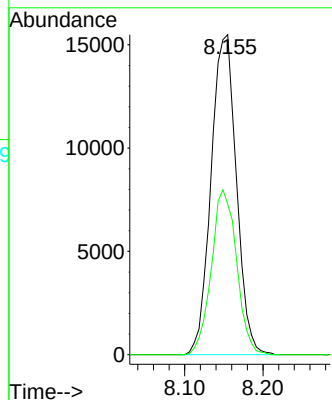


#33
 1,2-Dichloroethane-d4
 Concen: 51.020 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY005490.D
 Acq: 28 Jul 2021 15:33

Instrument :
 MSVOA_Y
 ClientSampled :

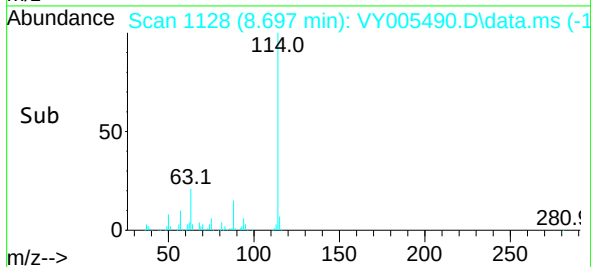
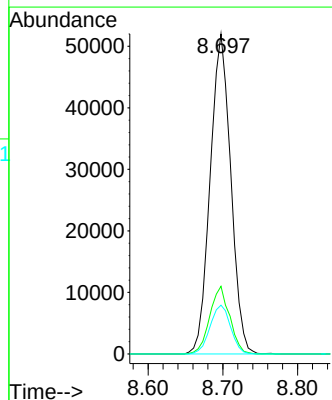
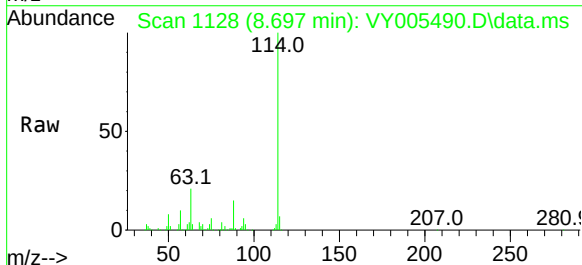


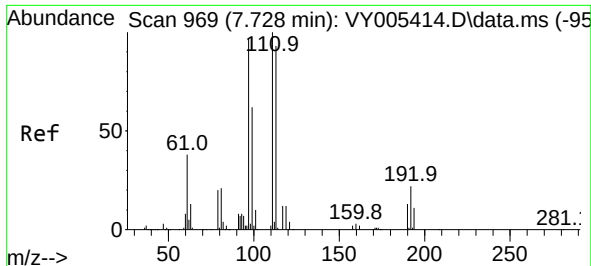
Tgt Ion: 65 Resp: 34832
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005490.D
 Acq: 28 Jul 2021 15:33

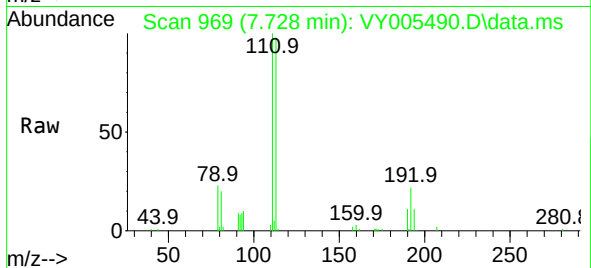
Tgt Ion: 114 Resp: 99600
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.0
 88 15.2 0.0 30.8



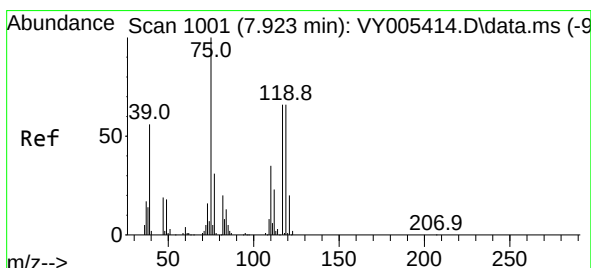
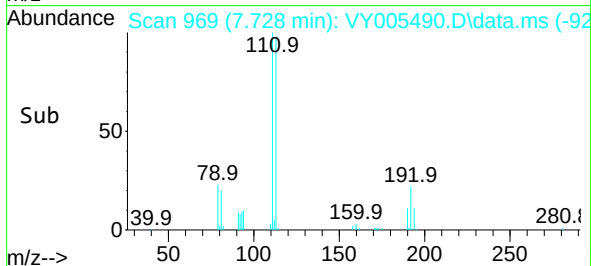
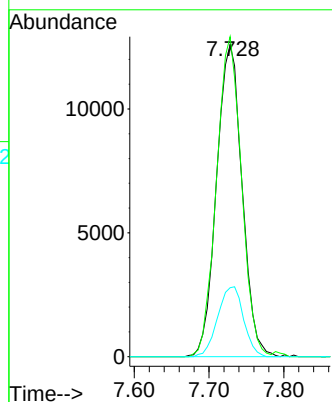


#35
Dibromofluoromethane
Concen: 52.057 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

Instrument :
MSVOA_Y
ClientSampled :

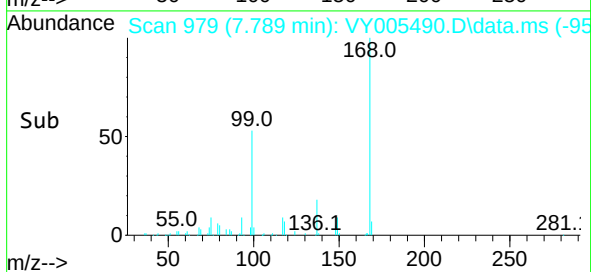
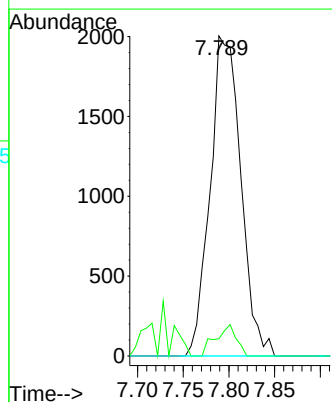
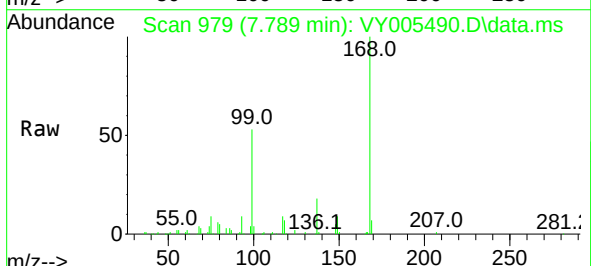


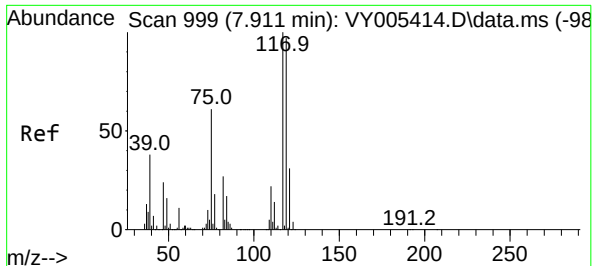
Tgt Ion:113 Resp: 29938
Ion Ratio Lower Upper
113 100
111 100.1 82.6 124.0
192 22.6 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

Tgt Ion: 75 Resp: 4684
Ion Ratio Lower Upper
75 100
110 6.6 17.6 52.9#
77 0.0 24.6 37.0#

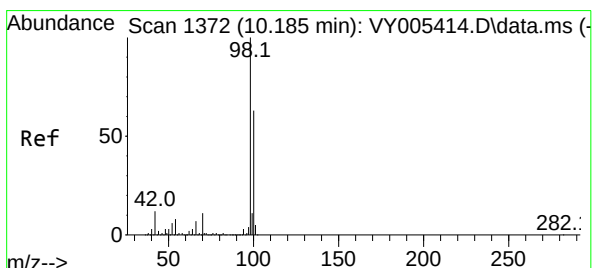
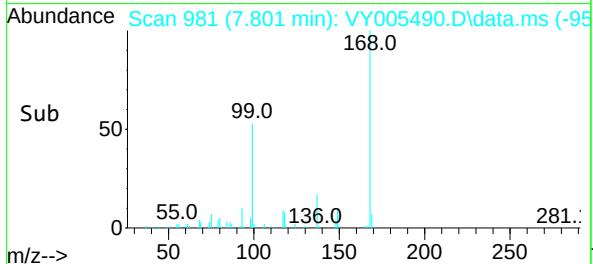
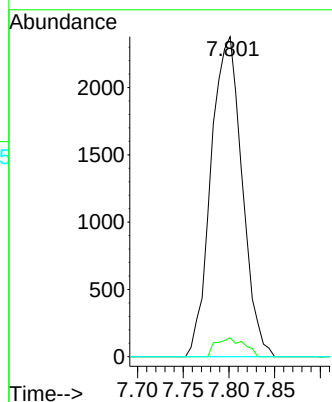
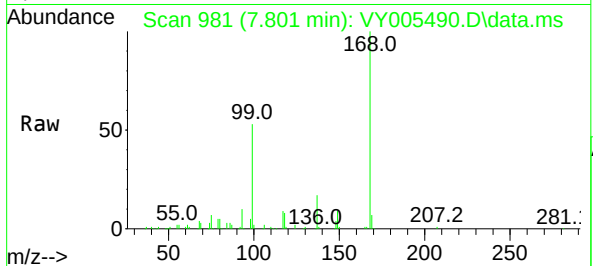




#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

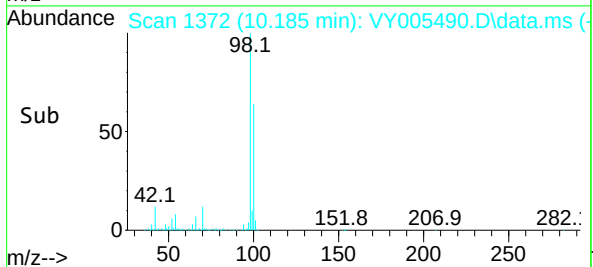
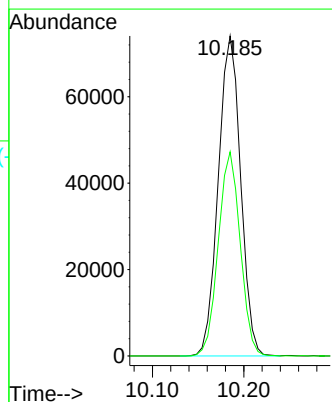
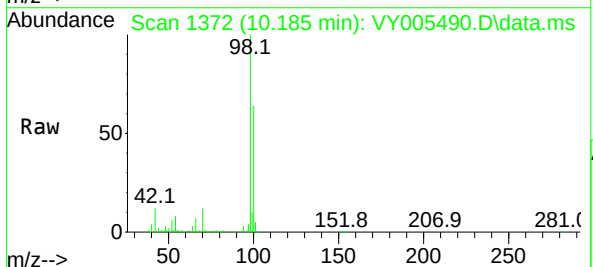
Instrument :
MSVOA_Y
ClientSampled :

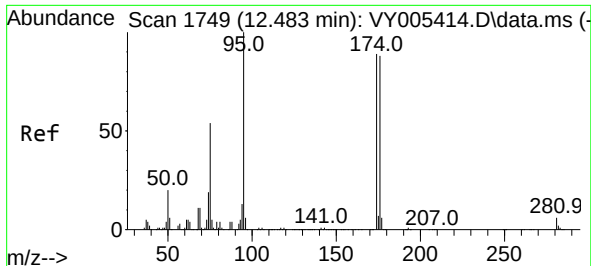
Tgt Ion:117 Resp: 5632
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.726 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

Tgt Ion: 98 Resp: 126082
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3

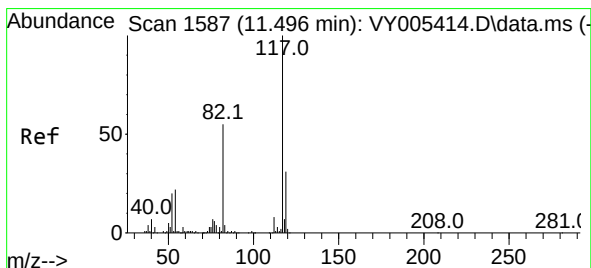
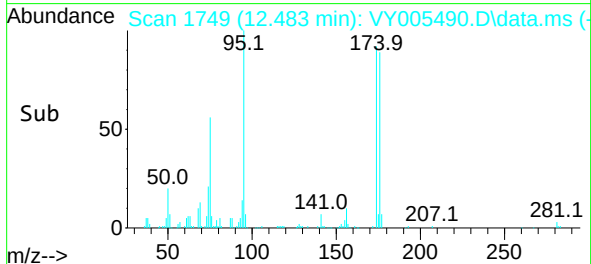
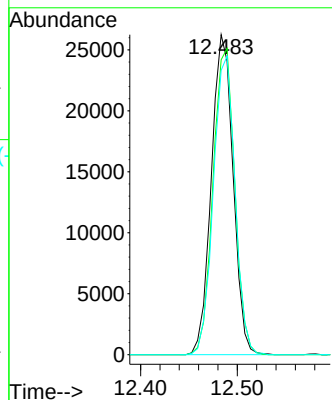
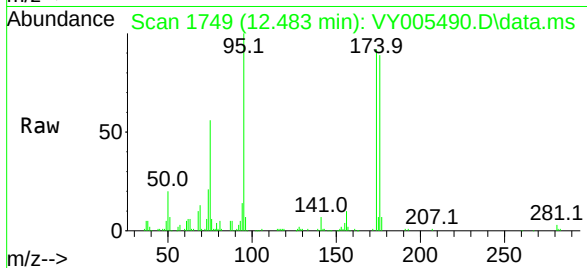




#62
4-Bromofluorobenzene
Concen: 50.965 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

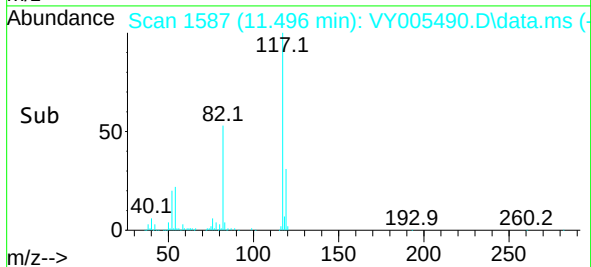
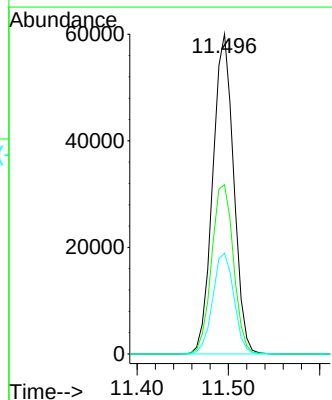
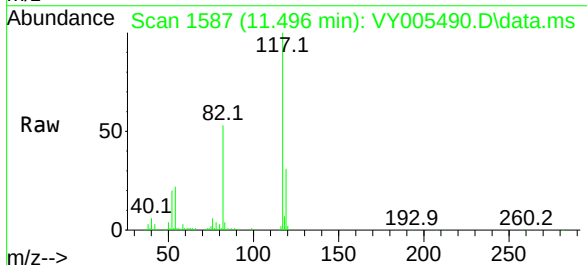
Instrument :
MSVOA_Y
ClientSampled :

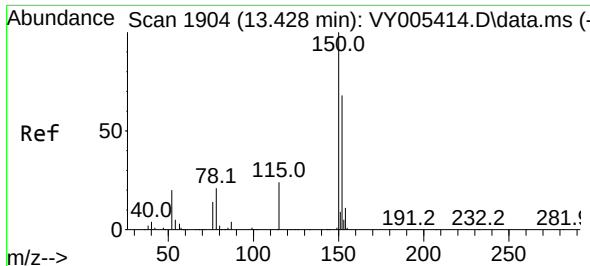
Tgt Ion:	95	Resp:	41000
Ion Ratio	Lower	Upper	
95	100		
174	95.5	0.0	186.6
176	92.8	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

Tgt Ion:	117	Resp:	95471
Ion Ratio	Lower	Upper	
117	100		
82	52.9	43.8	65.6
119	31.4	24.8	37.2

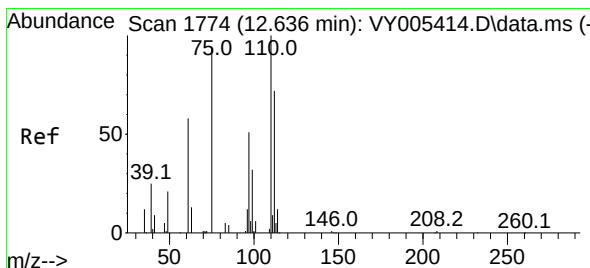
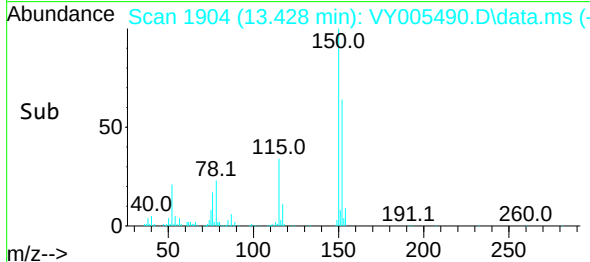
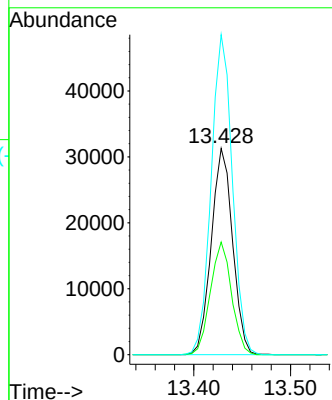
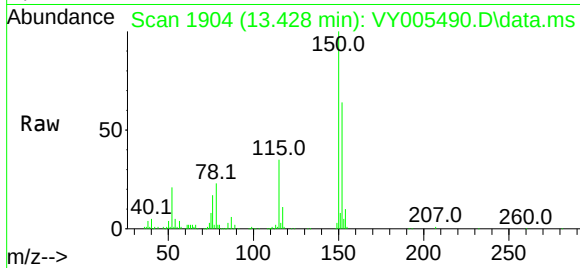




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005490.D
 Acq: 28 Jul 2021 15:33

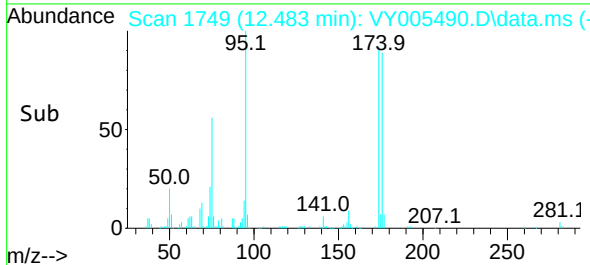
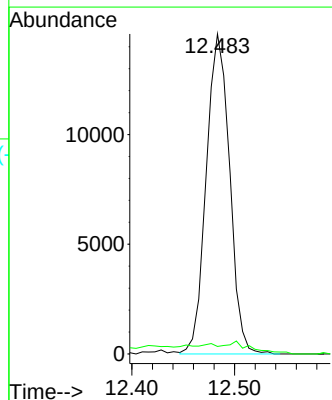
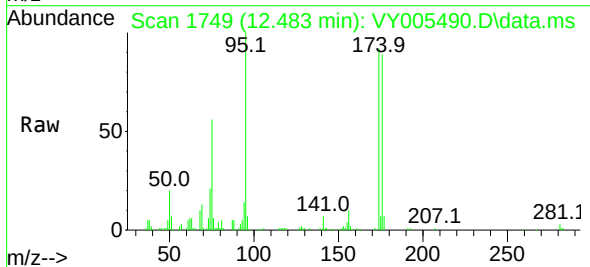
Instrument :
 MSVOA_Y
 ClientSampled :

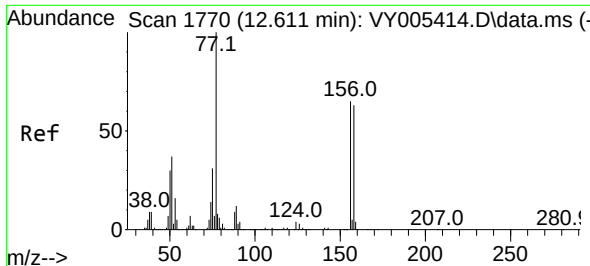
Tgt Ion:152 Resp: 47925
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.7 83.1
 150 154.2 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 48.816 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005490.D
 Acq: 28 Jul 2021 15:33

Tgt Ion: 75 Resp: 23020
 Ion Ratio Lower Upper
 75 100
 77 3.9 0.0 0.0#

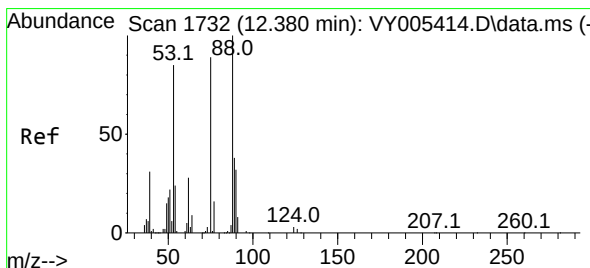
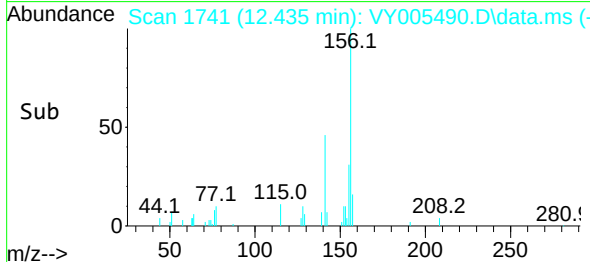
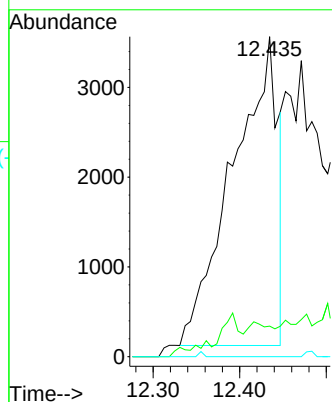
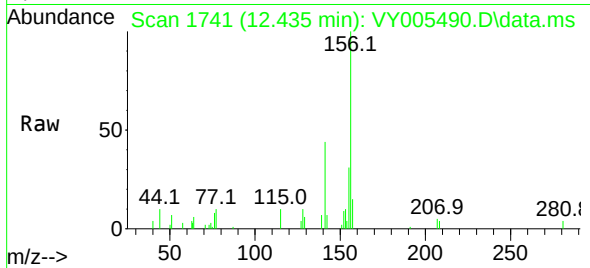




#77
Bromobenzene
Concen: 15.261 ug/l
RT: 12.435 min Scan# 1741
Delta R.T. -0.177 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:156 Resp: 12351
Ion Ratio Lower Upper
156 100
77 1.8 86.9 260.7#
158 0.0 48.9 146.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.786 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005490.D
Acq: 28 Jul 2021 15:33

Tgt Ion: 75 Resp: 23020
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.2 36.9 55.3#

