

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005491.D
 Acq On : 28 Jul 2021 15:56
 Operator : SY/MD
 Sample : M3210-02
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 05:33:09 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)

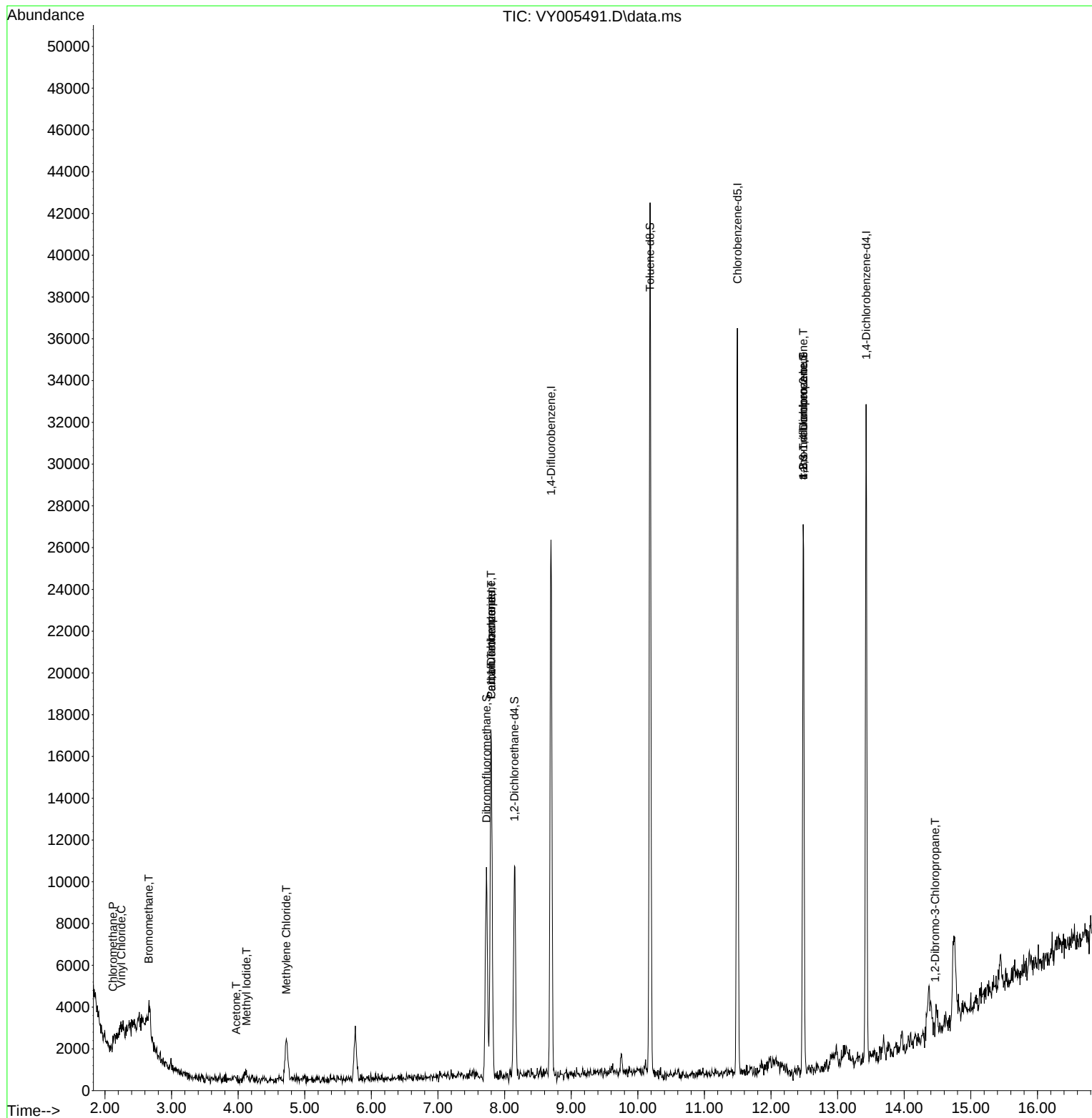
Internal Standards						
1) Pentafluorobenzene	7.801	168	13440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	21909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	19404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8163	56.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.700%
35) Dibromofluoromethane	7.728	113	6645	52.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.060%
50) Toluene-d8	10.185	98	26671	49.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.483	95	7405	41.845	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.700%
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	234	1.569	ug/l #	42
4) Vinyl Chloride	2.247	62	185	1.042	ug/l #	43
5) Bromomethane	2.656	94	469	3.613	ug/l #	36
10) Methyl Iodide	4.125	142	509	3.553	ug/l #	74
16) Acetone	3.973	43	233	7.106	ug/l #	44
20) Methylene Chloride	4.722	84	1643	7.659	ug/l #	80
36) 1,1-Dichloropropene	7.795	75	1010	4.768	ug/l #	46
38) Carbon Tetrachloride	7.801	117	1205	5.205	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	4150	51.172	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4150	99.361	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.465	75	27	1.283	ug/l #	1

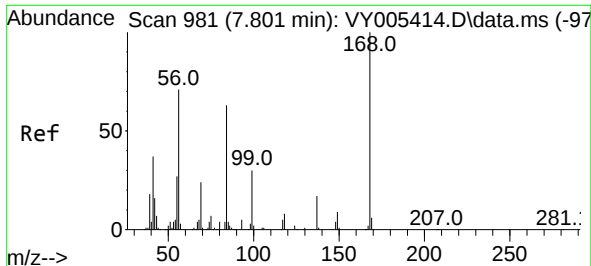
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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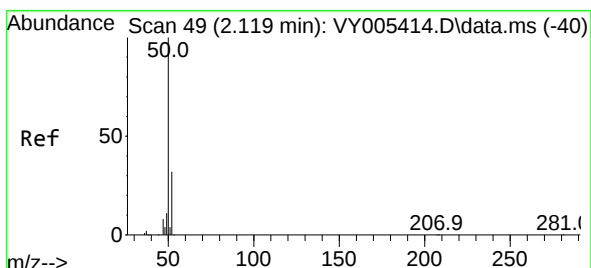
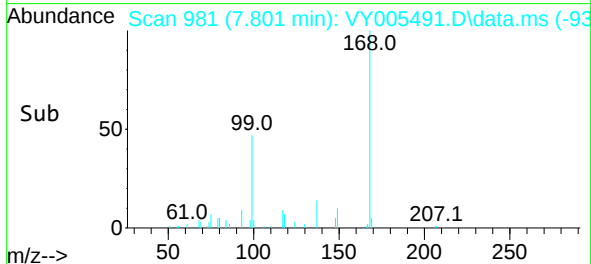
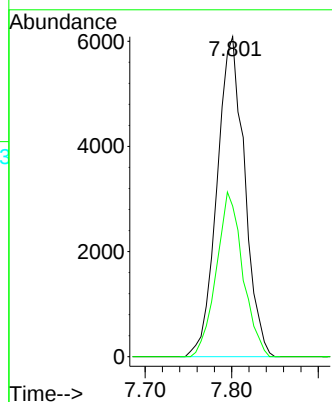
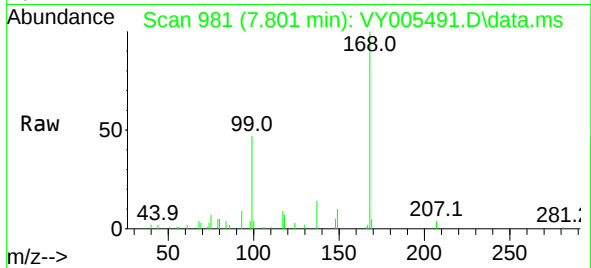




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

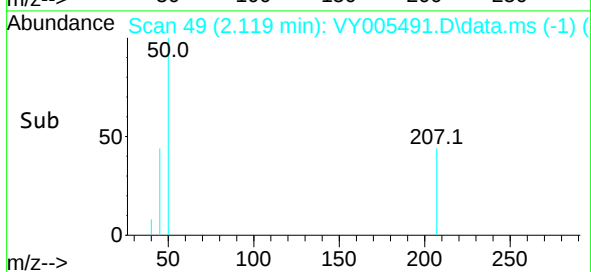
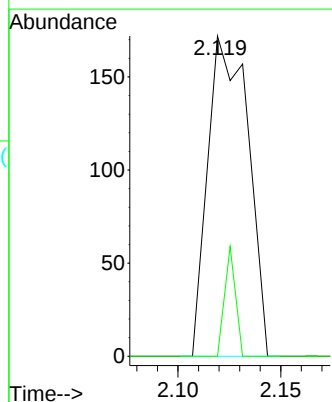
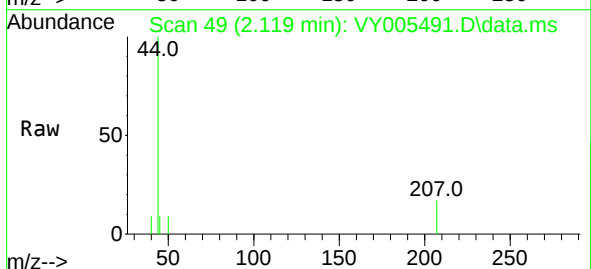
Instrument :
MSVOA_Y
ClientSampleId :

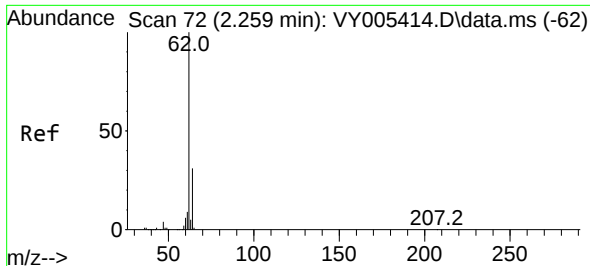
Tgt Ion:168 Resp: 13440
Ion Ratio Lower Upper
168 100
99 47.0 39.8 59.6



#3
Chloromethane
Concen: 1.569 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

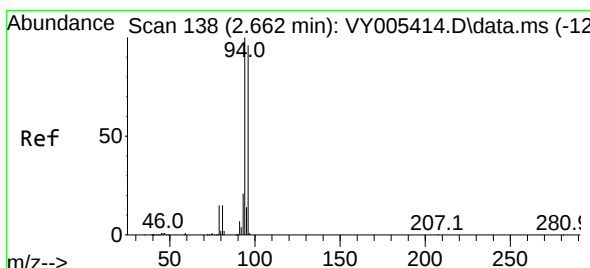
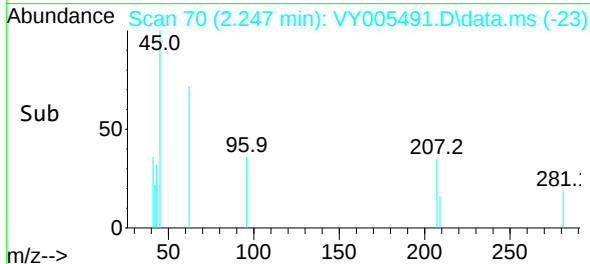
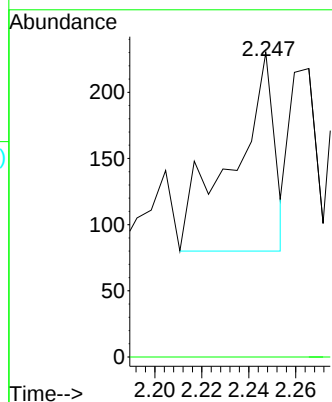
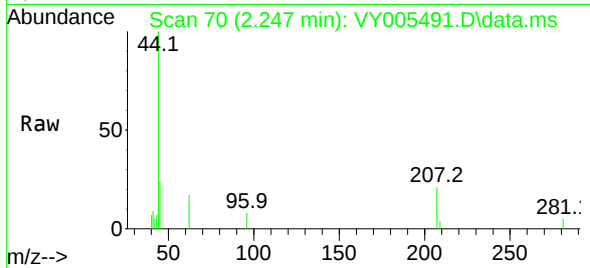




#4
 Vinyl Chloride
 Concen: 1.042 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. -0.012 min
 Lab File: VY005491.D
 Acq: 28 Jul 2021 15:56

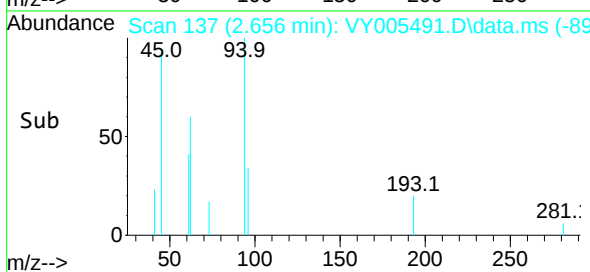
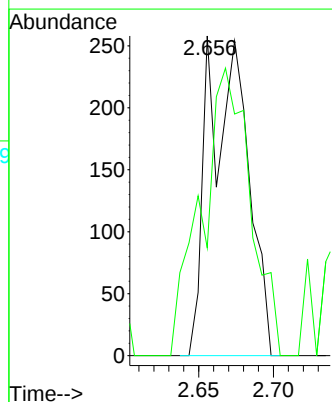
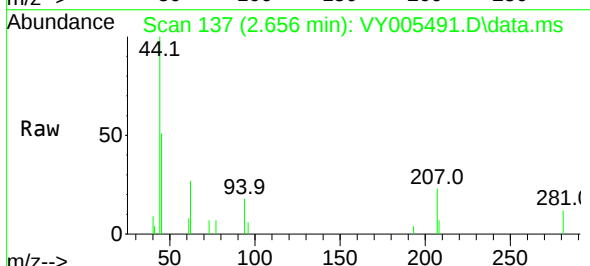
Instrument :
 MSVOA_Y
 ClientSampled :

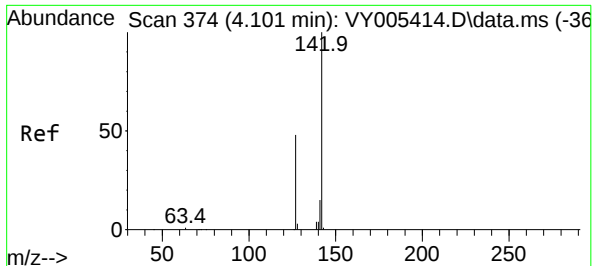
Tgt Ion: 62 Resp: 185
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.1 37.7#



#5
 Bromomethane
 Concen: 3.613 ug/l
 RT: 2.656 min Scan# 137
 Delta R.T. -0.006 min
 Lab File: VY005491.D
 Acq: 28 Jul 2021 15:56

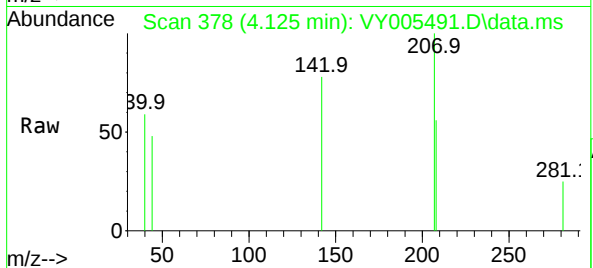
Tgt Ion: 94 Resp: 469
 Ion Ratio Lower Upper
 94 100
 96 33.7 76.6 115.0#



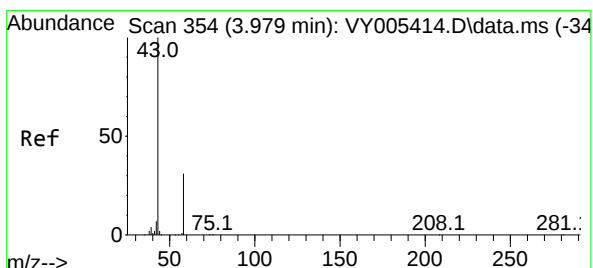
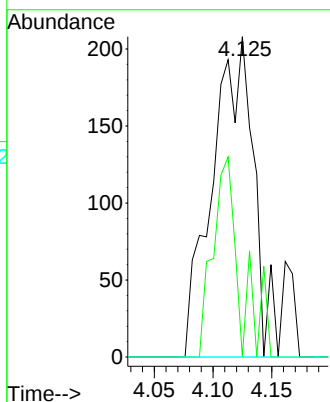
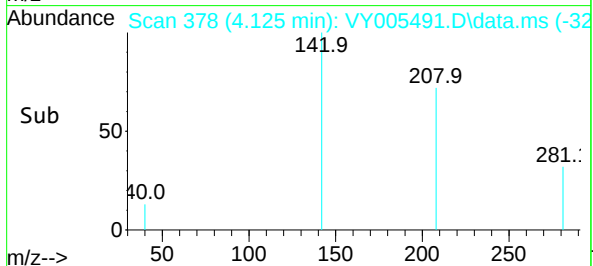


#10
Methyl Iodide
Concen: 3.553 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.024 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

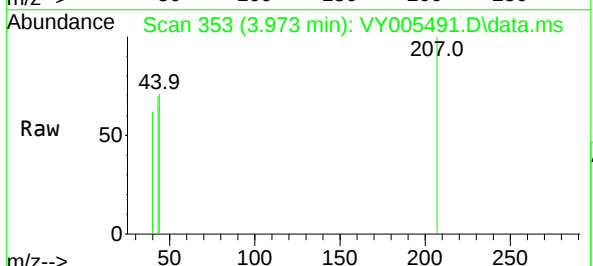
Instrument :
MSVOA_Y
ClientSampleId :



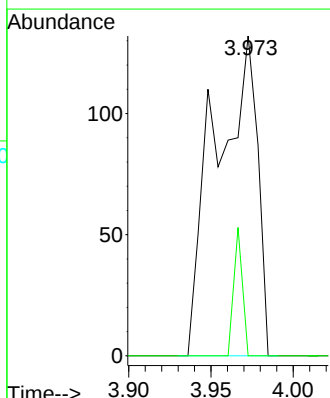
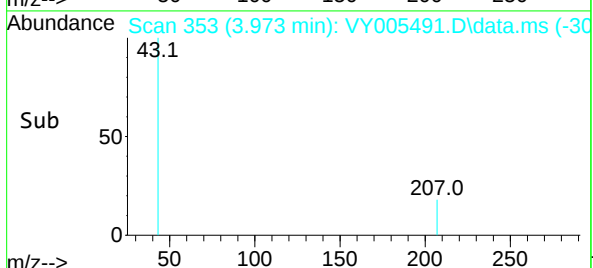
Tgt Ion:142 Resp: 509
Ion Ratio Lower Upper
142 100
127 32.0 38.2 57.4#
141 0.0 12.0 18.0#

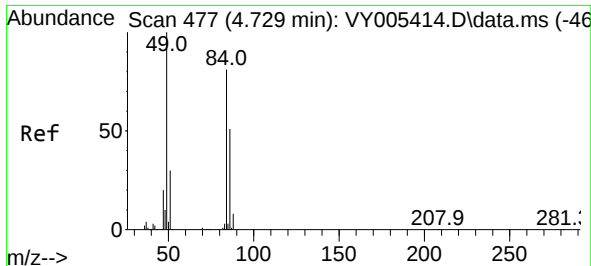


#16
Acetone
Concen: 7.106 ug/l
RT: 3.973 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56



Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#





#20

Methylene Chloride

Concen: 7.659 ug/l

RT: 4.722 min Scan# 476

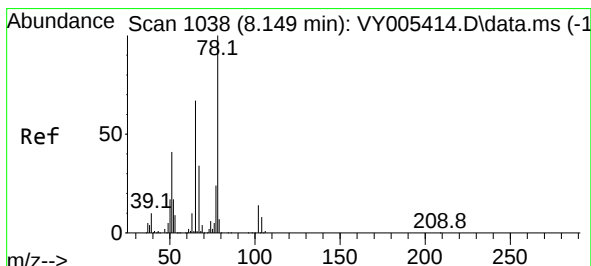
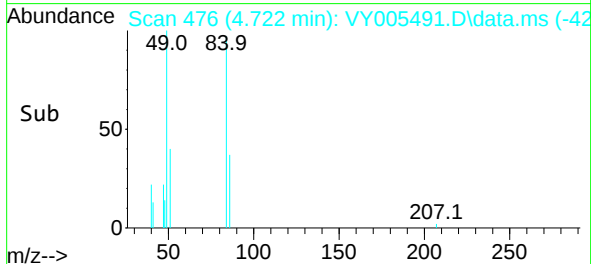
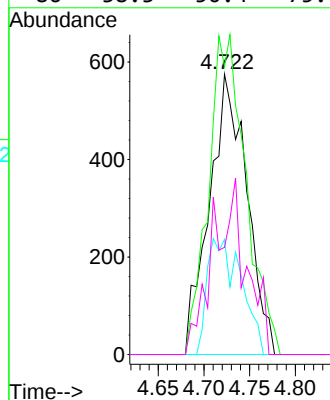
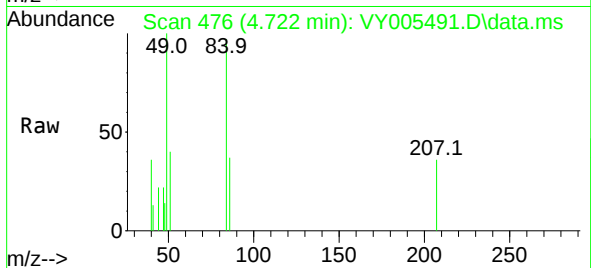
Delta R.T. -0.007 min

Lab File: VY005491.D

Acq: 28 Jul 2021 15:56

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 84	Resp: 1643
Ion Ratio	Lower Upper
84 100	
49 102.6	98.9 148.3
51 41.0	30.0 45.0
86 38.3	50.4 75.6#



#33

1,2-Dichloroethane-d4

Concen: 56.852 ug/l

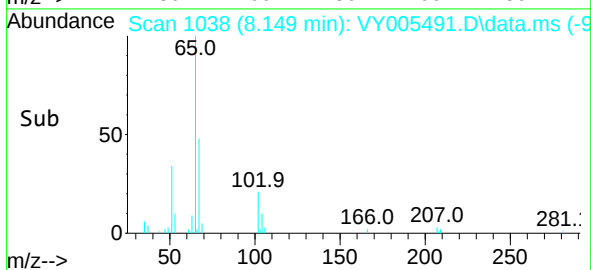
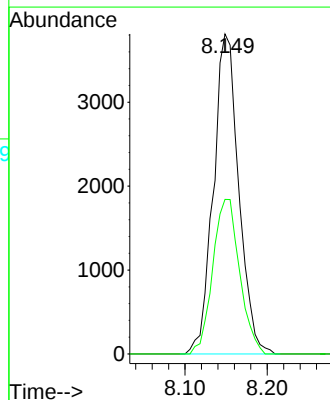
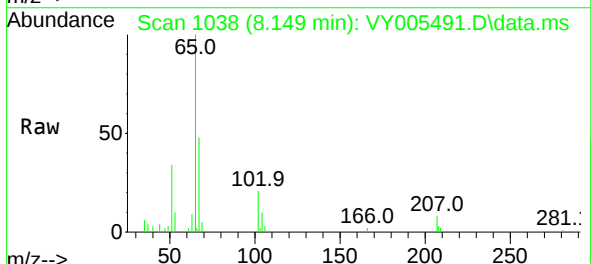
RT: 8.149 min Scan# 1038

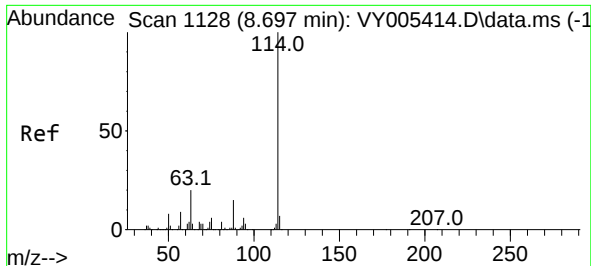
Delta R.T. -0.000 min

Lab File: VY005491.D

Acq: 28 Jul 2021 15:56

Tgt Ion: 65	Resp: 8163
Ion Ratio	Lower Upper
65 100	
67 51.2	0.0 102.2

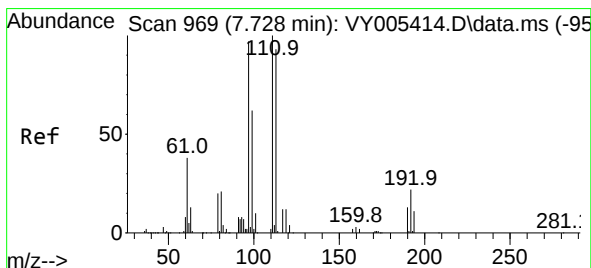
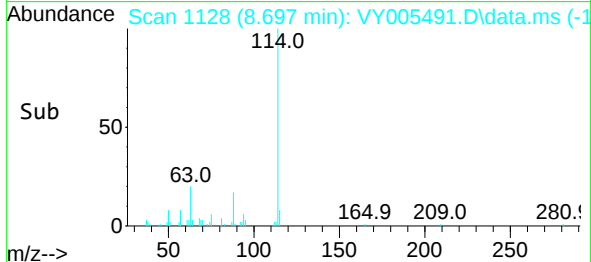
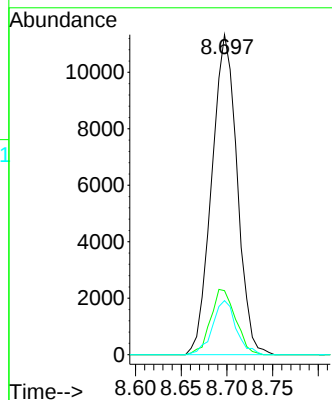
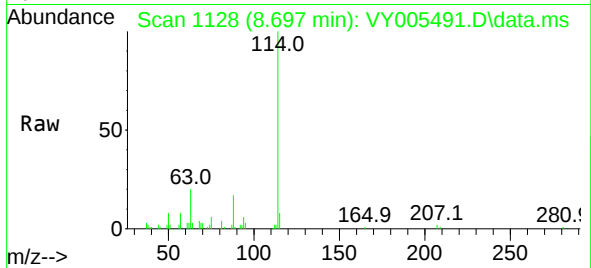




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

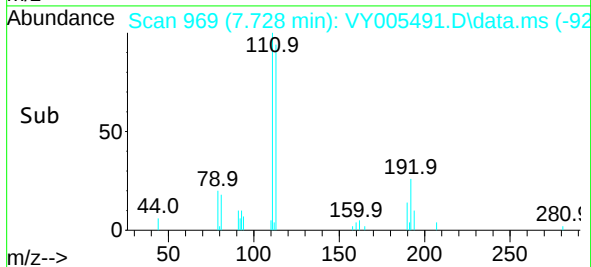
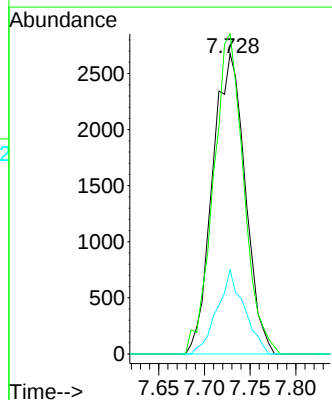
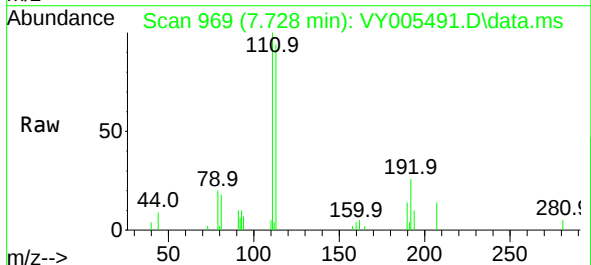
Instrument :
MSVOA_Y
ClientSampled :

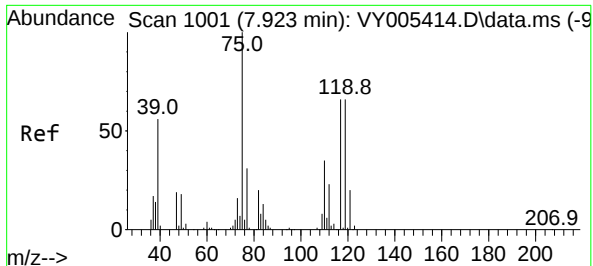
Tgt Ion:	114	Resp:	21909
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	16.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.528 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

Tgt Ion:	113	Resp:	6645
Ion	Ratio	Lower	Upper
113	100		
111	99.1	82.6	124.0
192	23.2	18.9	28.3





#36

1,1-Dichloropropene

Concen: 4.768 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005491.D

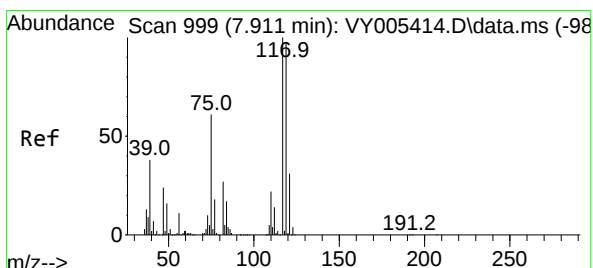
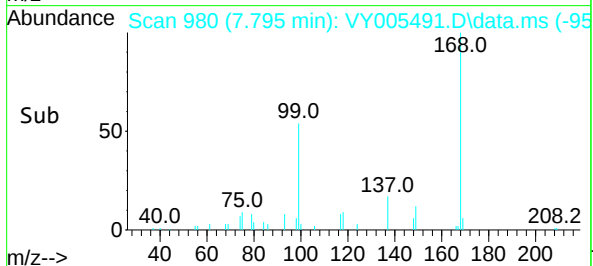
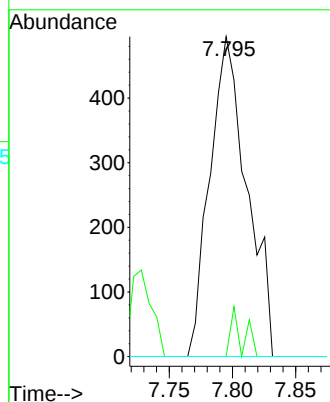
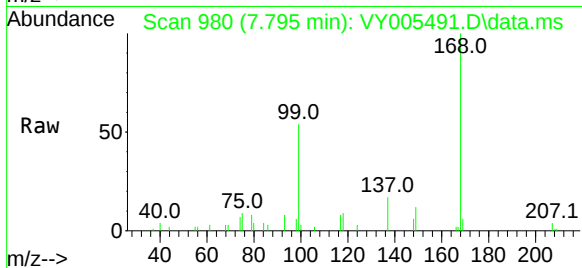
Acq: 28 Jul 2021 15:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 1010
Ion Ratio	Lower Upper
75 100	
110 4.9	17.6 52.9#
77 0.0	24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.205 ug/l

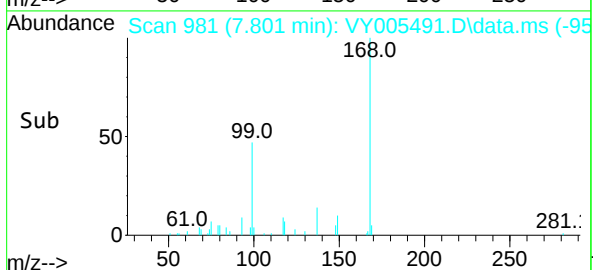
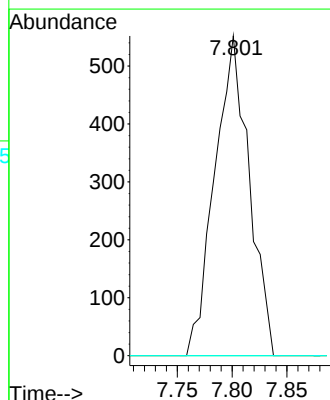
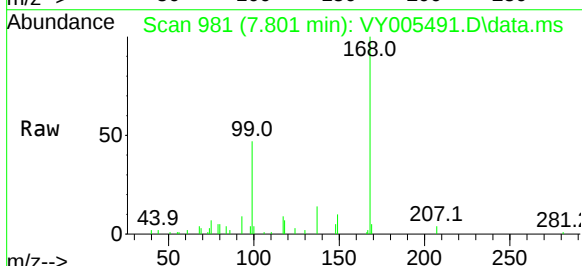
RT: 7.801 min Scan# 981

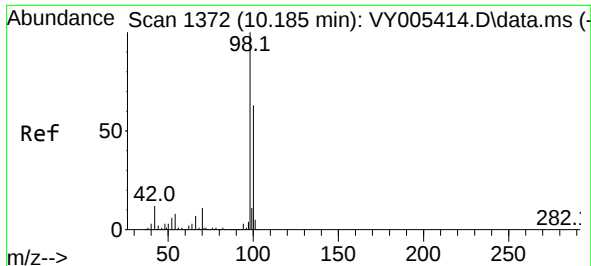
Delta R.T. -0.110 min

Lab File: VY005491.D

Acq: 28 Jul 2021 15:56

Tgt Ion: 117	Resp: 1205
Ion Ratio	Lower Upper
117 100	
119 0.0	77.2 115.8#
121 0.0	25.1 37.7#

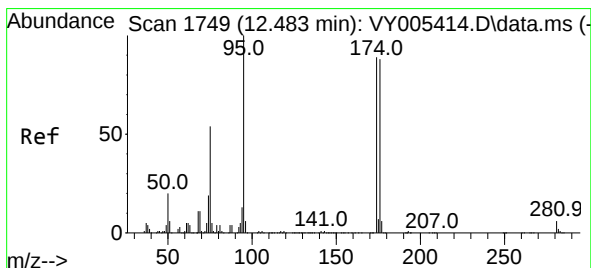
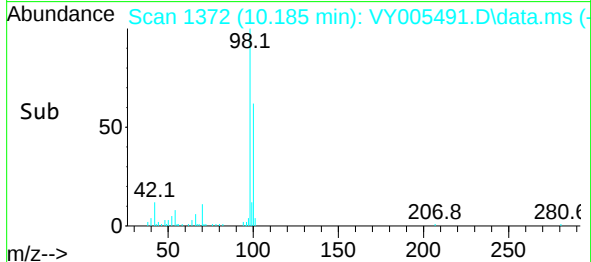
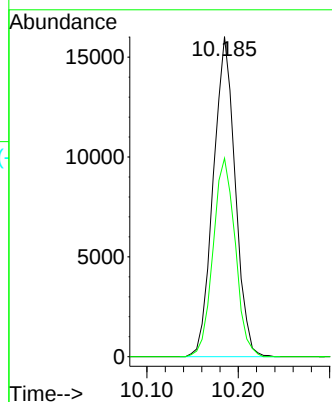
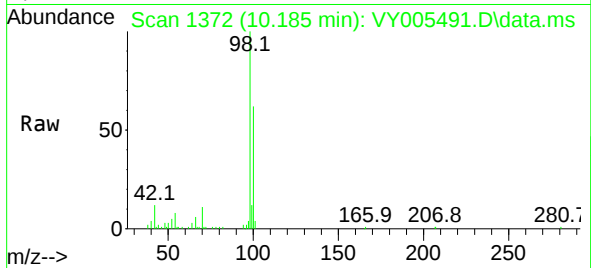




#50
Toluene-d8
Concen: 49.743 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

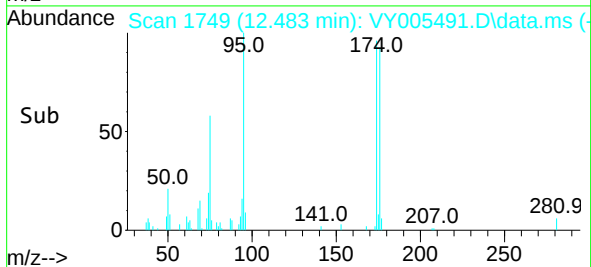
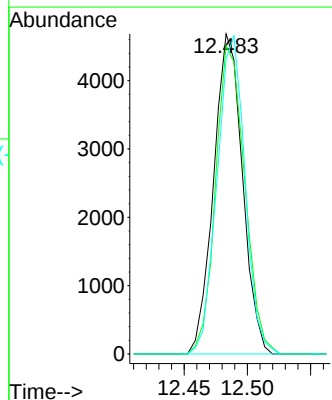
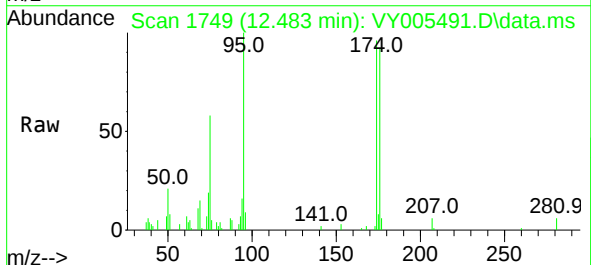
Instrument :
MSVOA_Y
ClientSampled :

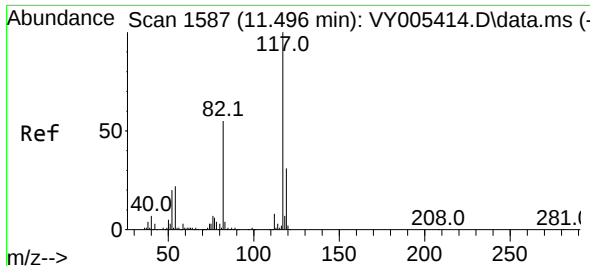
Tgt Ion: 98 Resp: 26671
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 41.845 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

Tgt Ion: 95 Resp: 7405
Ion Ratio Lower Upper
95 100
174 97.3 0.0 186.6
176 96.1 0.0 182.4

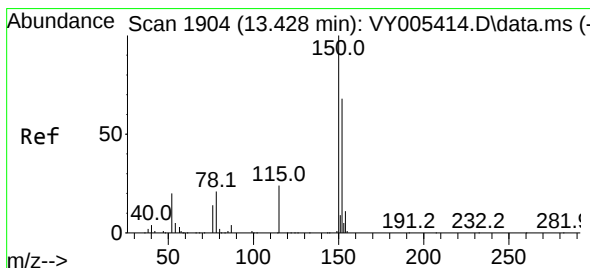
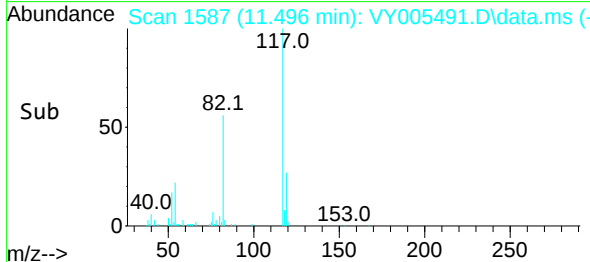
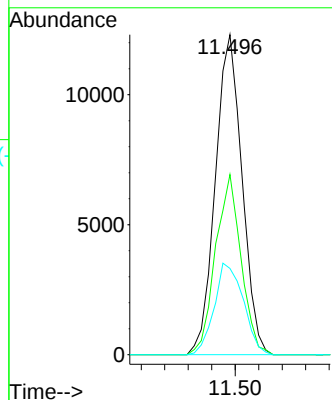
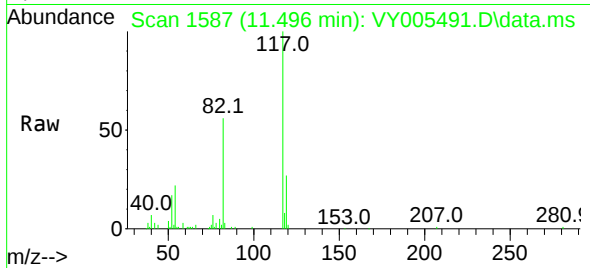




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

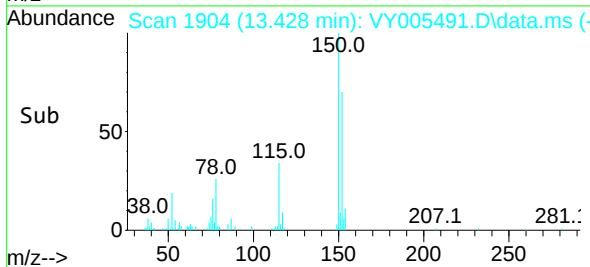
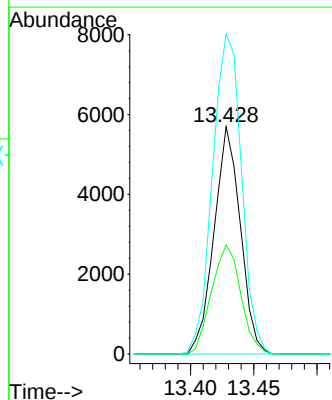
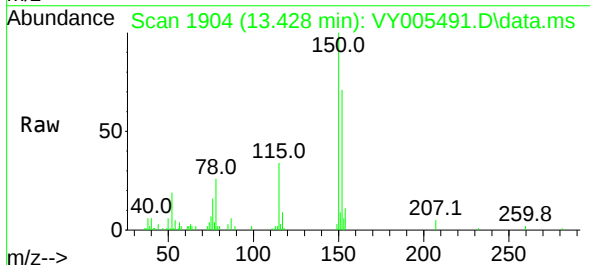
Instrument :
MSVOA_Y
ClientSampleId :

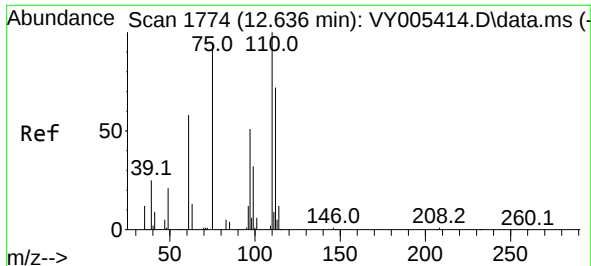
Tgt Ion:117 Resp: 19404
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.6
119 26.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

Tgt Ion:152 Resp: 8242
Ion Ratio Lower Upper
152 100
115 53.0 27.7 83.1
150 154.8 0.0 349.6

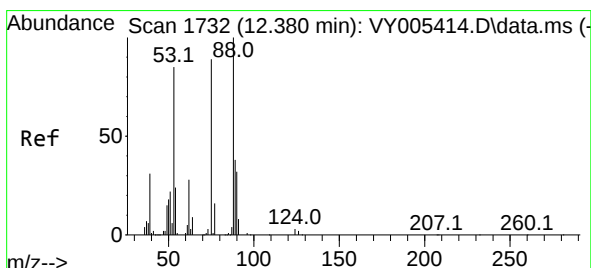
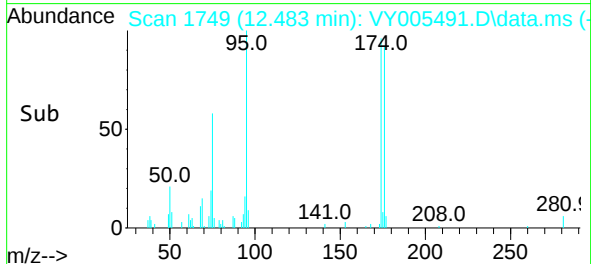
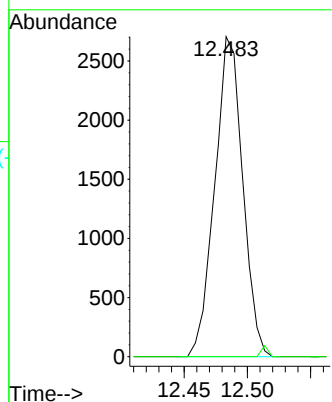
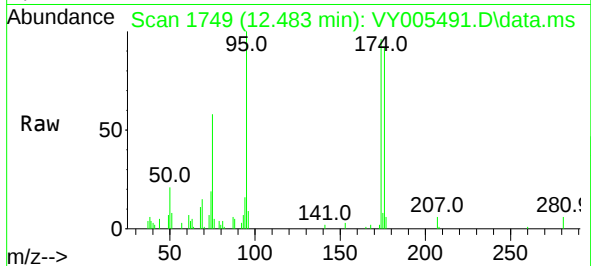




#76
1,2,3-Trichloropropane
Concen: 51.172 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

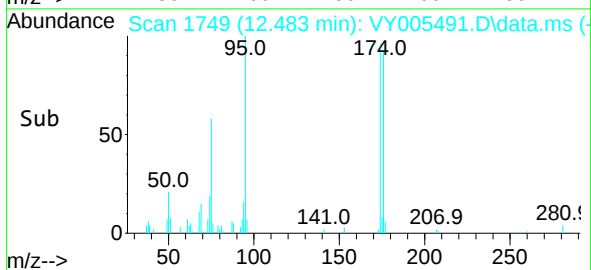
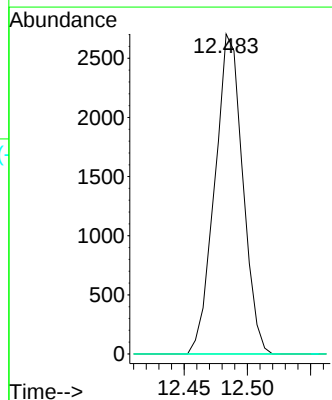
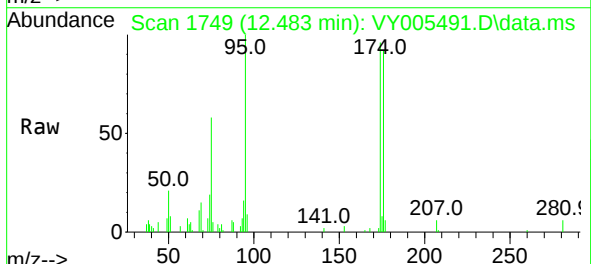
Instrument :
MSVOA_Y
ClientSampled :

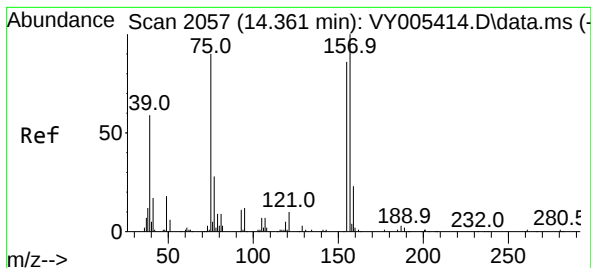
Tgt Ion: 75 Resp: 4150
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 99.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005491.D
Acq: 28 Jul 2021 15:56

Tgt Ion: 75 Resp: 4150
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.283 ug/l

RT: 14.465 min Scan# 2074

Delta R.T. 0.104 min

Lab File: VY005491.D

Acq: 28 Jul 2021 15:56

Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

155 0.0 43.6 130.8#

157 0.0 54.1 162.3#

Instrument :

MSVOA_Y

ClientSampleId :

