

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005452.D
 Acq On : 26 Jul 2021 18:08
 Operator : SY/MD
 Sample : M3159-06
 Misc : 3.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:12:09 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)

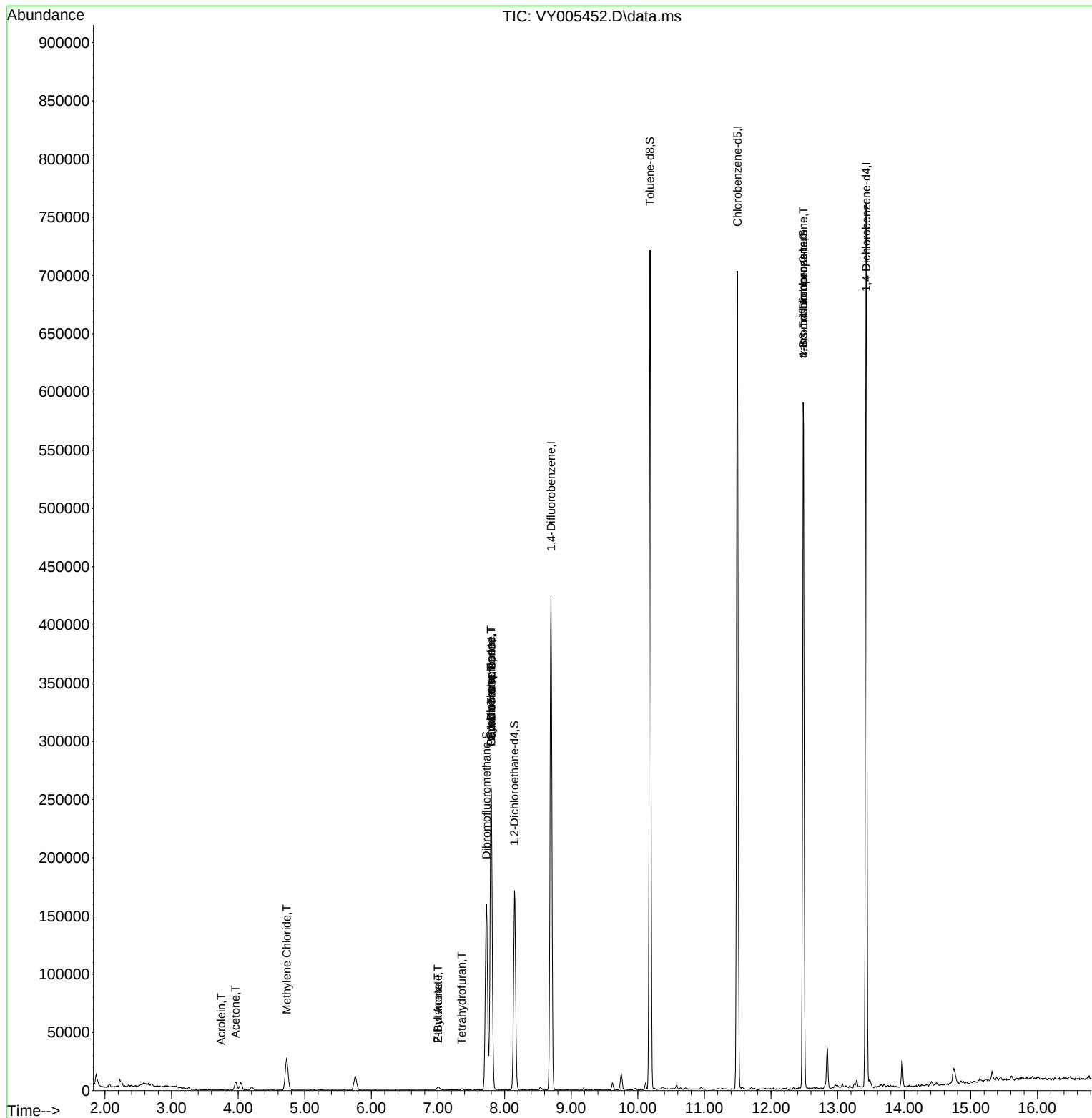
Internal Standards						
1) Pentafluorobenzene	7.801	168	211176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	357024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	365795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136926	60.692	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.380%			
35) Dibromofluoromethane	7.728	113	108661	52.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.420%			
50) Toluene-d8	10.185	98	457575	52.370	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.740%			
62) 4-Bromofluorobenzene	12.483	95	164913	57.188	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.380%			
Target Compounds						
					Qvalue	
13) Acrolein	3.747	56	433	2.219	ug/l	97
16) Acetone	3.960	43	11996	23.283	ug/l	98
20) Methylene Chloride	4.729	84	19680	5.564	ug/l	94
25) 2-Butanone	6.996	43	3890	5.042	ug/l	93
29) Tetrahydrofuran	7.356	42	759	1.485	ug/l #	70
31) Cyclohexane	7.795	56	4345	1.128	ug/l #	39
36) 1,1-Dichloropropene	7.795	75	15006	4.347	ug/l #	50
37) Ethyl Acetate	6.996	43	3890	1.851	ug/l #	70
38) Carbon Tetrachloride	7.801	117	19489	5.166	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	91502	48.640	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91502	94.445	ug/l #	11

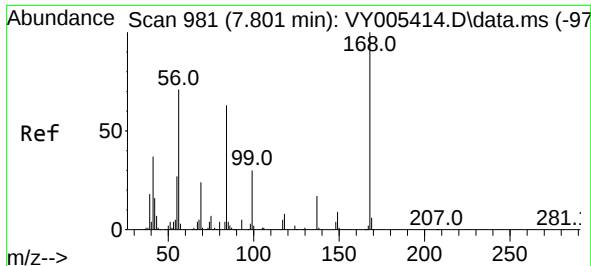
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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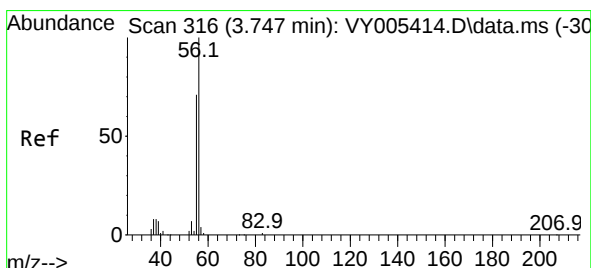
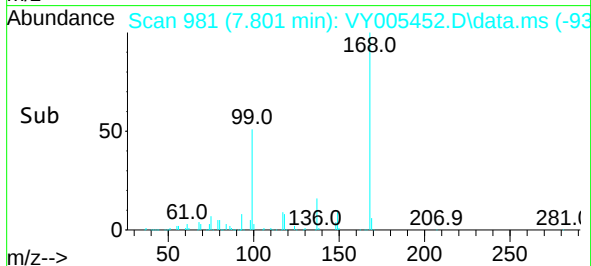
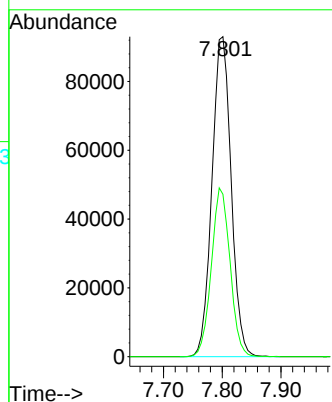
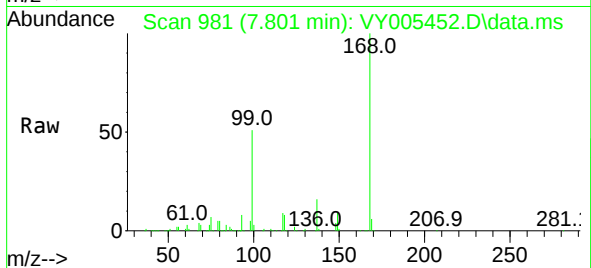




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

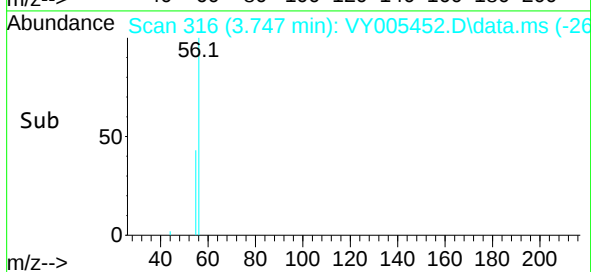
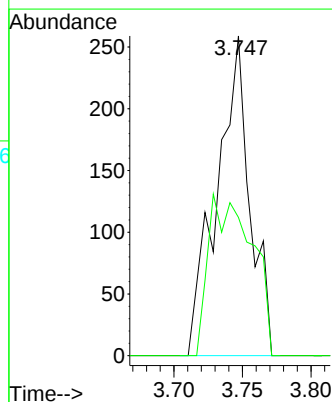
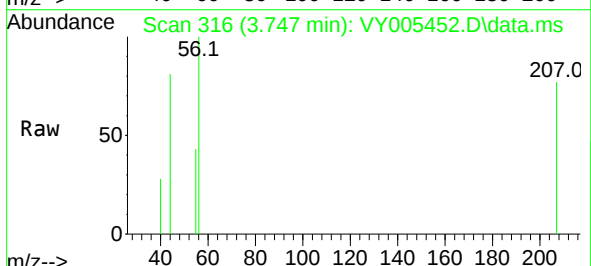
Instrument :
MSVOA_Y
ClientSampleId :

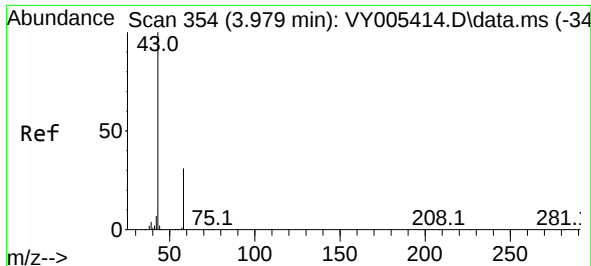
Tgt Ion:168 Resp: 211176
Ion Ratio Lower Upper
168 100
99 50.7 39.8 59.6



#13
Acrolein
Concen: 2.219 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

Tgt Ion: 56 Resp: 433
Ion Ratio Lower Upper
56 100
55 66.7 55.2 82.8

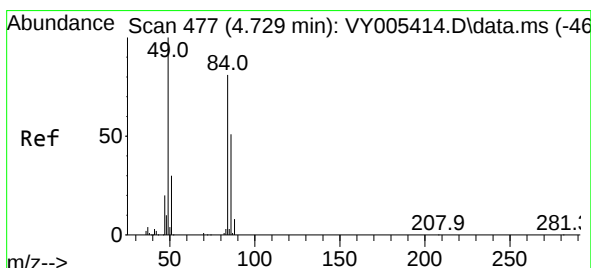
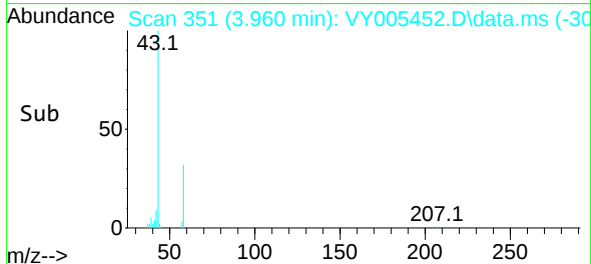
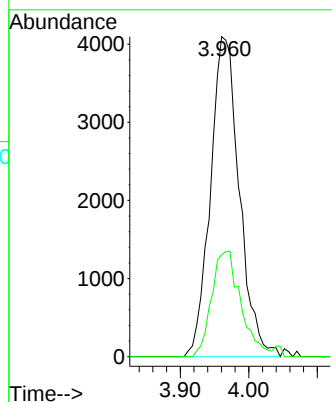
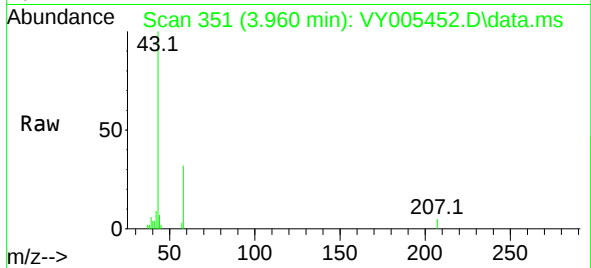




#16
Acetone
Concen: 23.283 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

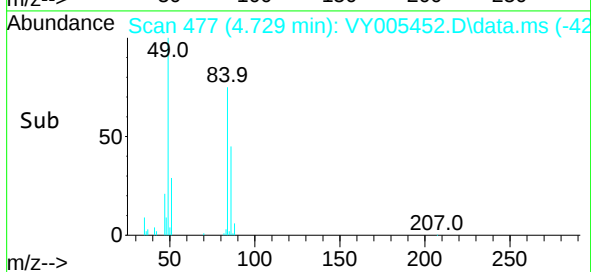
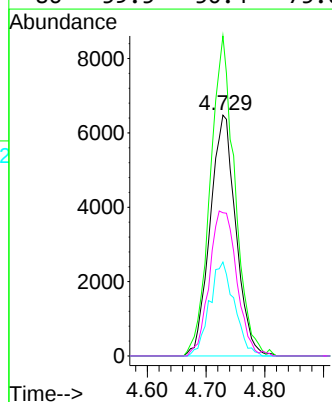
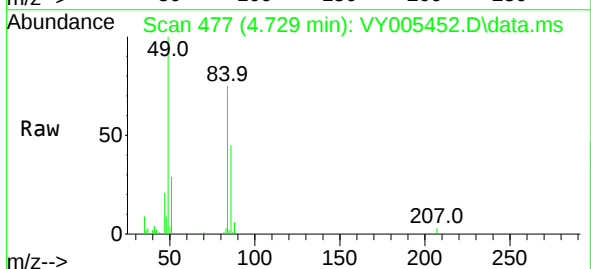
Instrument :
MSVOA_Y
ClientSampled :

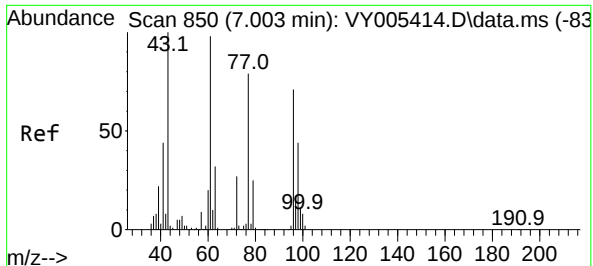
Tgt Ion: 43 Resp: 11996
Ion Ratio Lower Upper
43 100
58 31.9 24.5 36.7



#20
Methylene Chloride
Concen: 5.564 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

Tgt Ion: 84 Resp: 19680
Ion Ratio Lower Upper
84 100
49 132.9 98.9 148.3
51 39.0 30.0 45.0
86 59.5 50.4 75.6





#25

2-Butanone

Concen: 5.042 ug/l

RT: 6.996 min Scan# 849

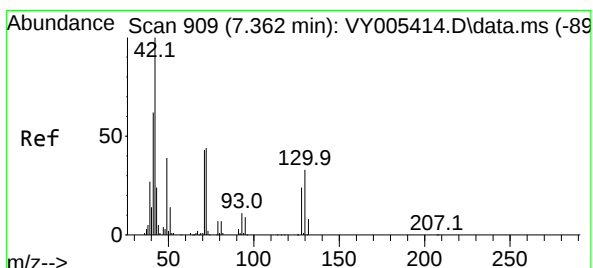
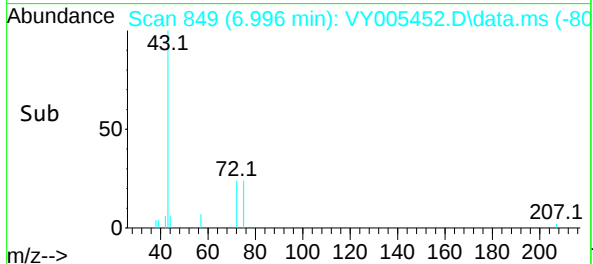
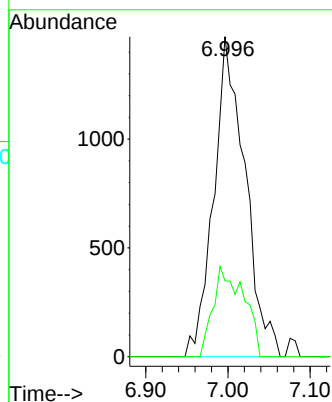
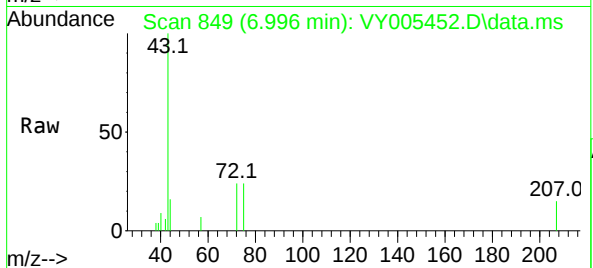
Delta R.T. -0.006 min

Lab File: VY005452.D

Acq: 26 Jul 2021 18:08

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 43 Resp: 3890
Ion Ratio Lower Upper
43 100
72 23.7 21.9 32.9



#29

Tetrahydrofuran

Concen: 1.485 ug/l

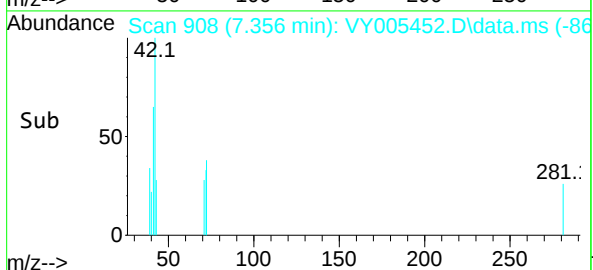
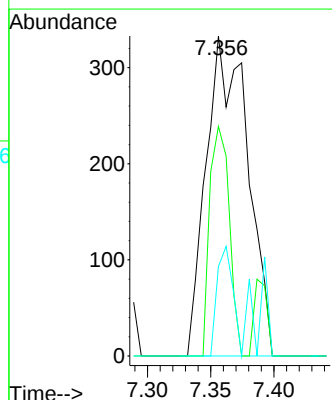
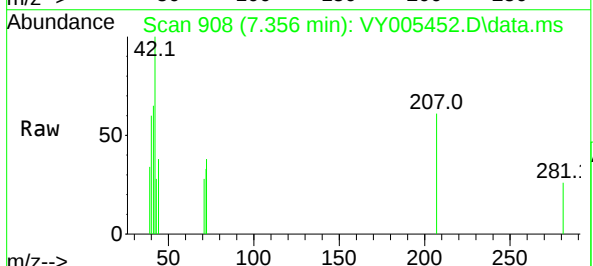
RT: 7.356 min Scan# 908

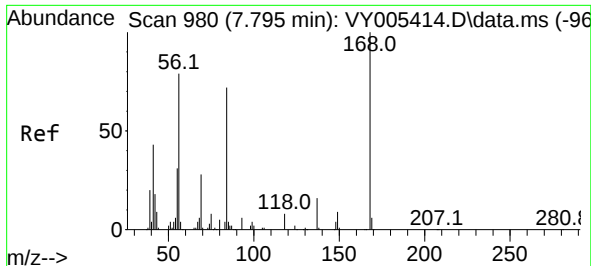
Delta R.T. -0.006 min

Lab File: VY005452.D

Acq: 26 Jul 2021 18:08

Tgt Ion: 42 Resp: 759
Ion Ratio Lower Upper
42 100
72 33.9 35.3 52.9#
71 13.0 33.4 50.2#

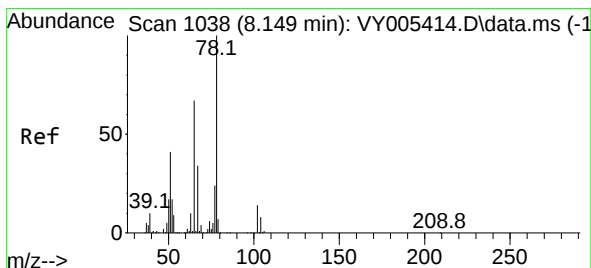
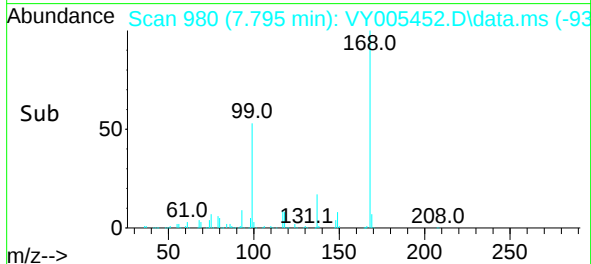
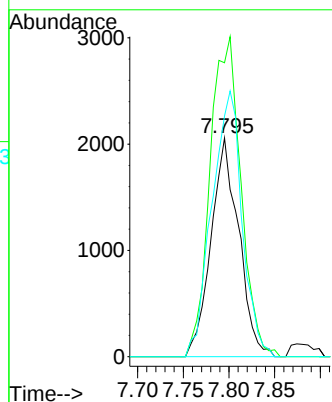
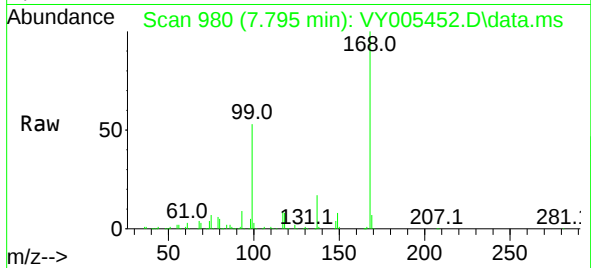




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

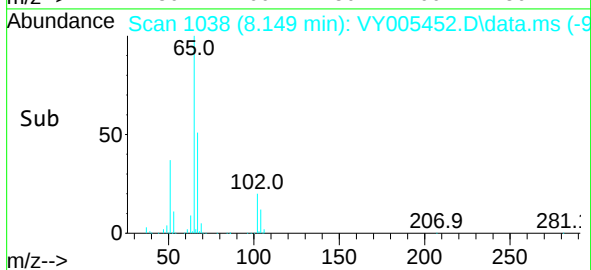
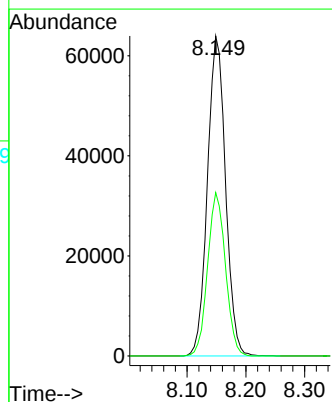
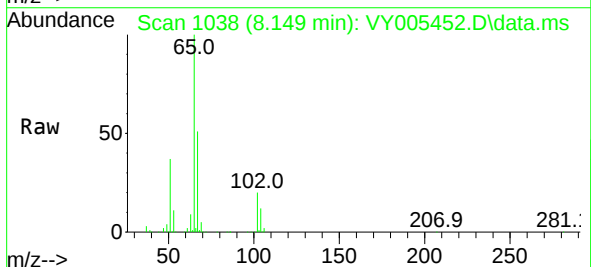
Instrument :
MSVOA_Y
ClientSampleId :

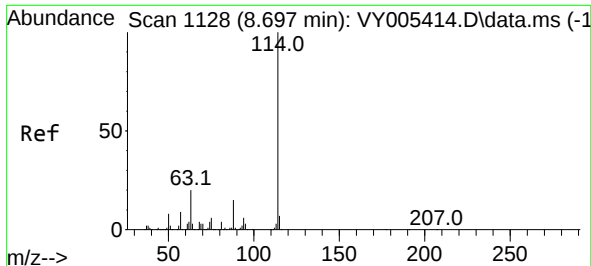
Tgt Ion: 56 Resp: 4345
Ion Ratio Lower Upper
56 100
69 134.4 28.7 43.1#
84 110.0 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 60.692 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

Tgt Ion: 65 Resp: 136926
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2

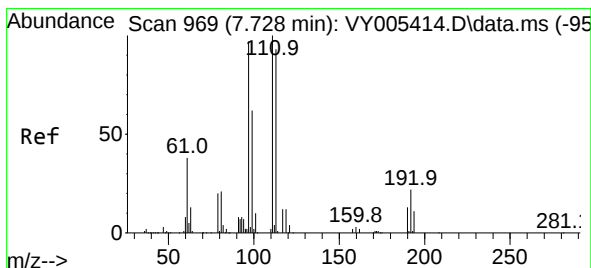
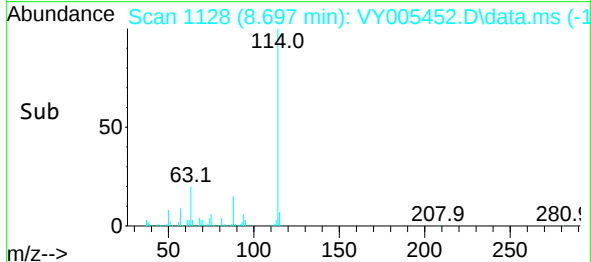
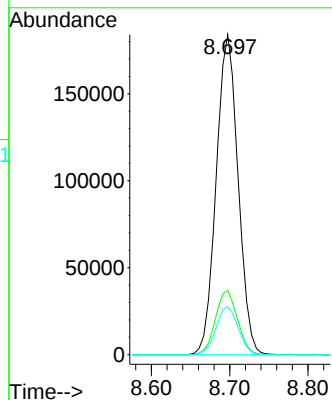
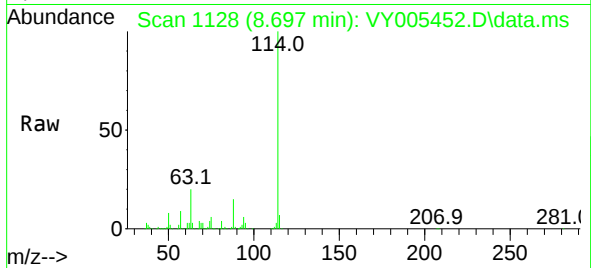




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

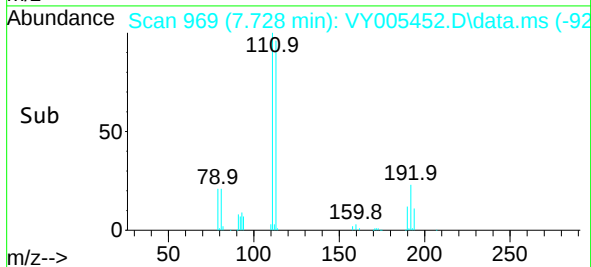
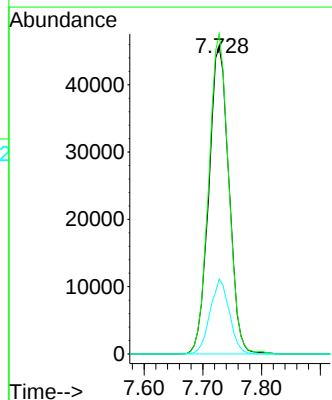
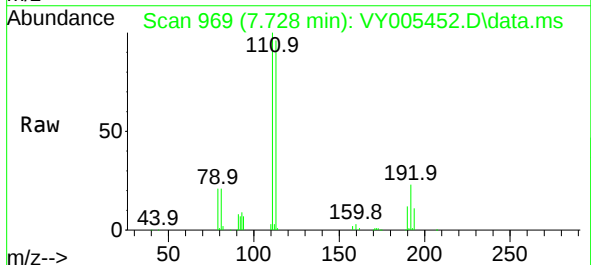
Instrument :
MSVOA_Y
ClientSampleId :

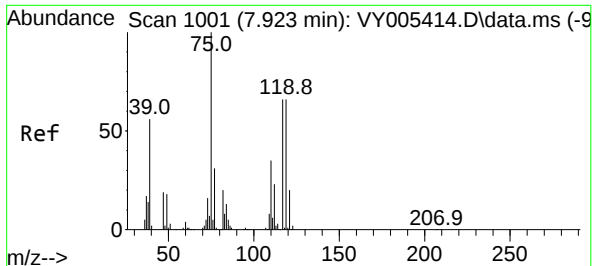
Tgt Ion:114 Resp: 357024
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.0
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.710 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

Tgt Ion:113 Resp: 108661
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 23.3 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.347 ug/l

RT: 7.795 min Scan# 980

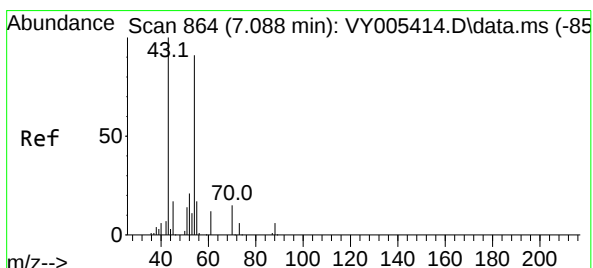
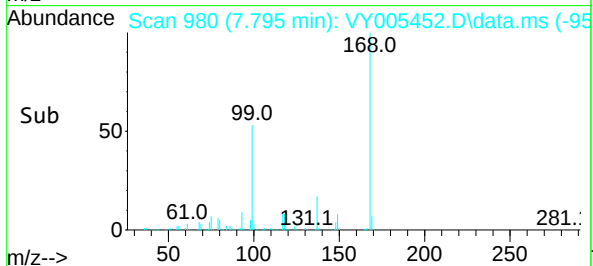
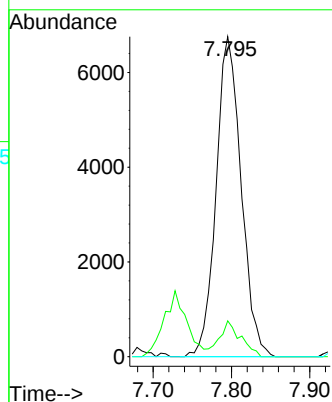
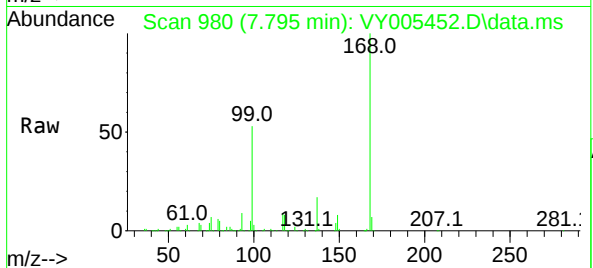
Delta R.T. -0.128 min

Lab File: VY005452.D

Acq: 26 Jul 2021 18:08

Tgt Ion:	75	Resp:	15006
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.6	52.9#
77	0.0	24.6	37.0#

Instrument :
MSVOA_Y
ClientSampleId :



#37

Ethyl Acetate

Concen: 1.851 ug/l

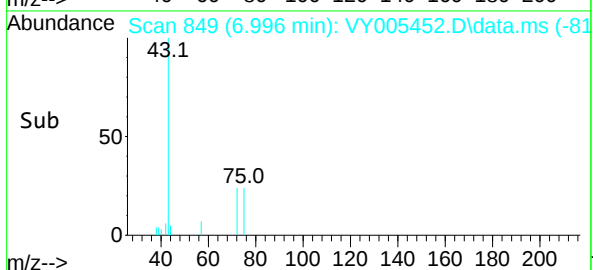
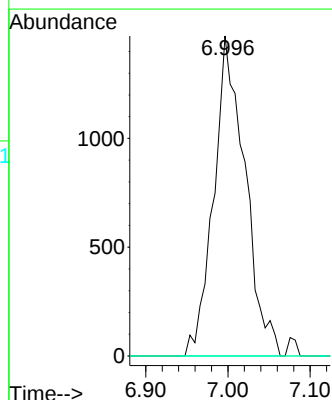
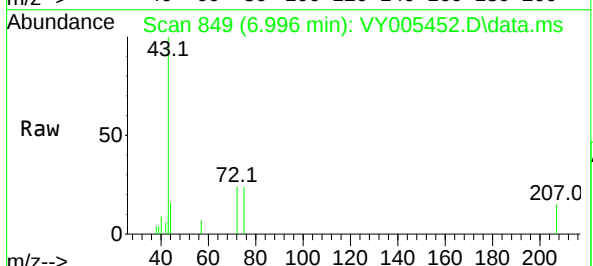
RT: 6.996 min Scan# 849

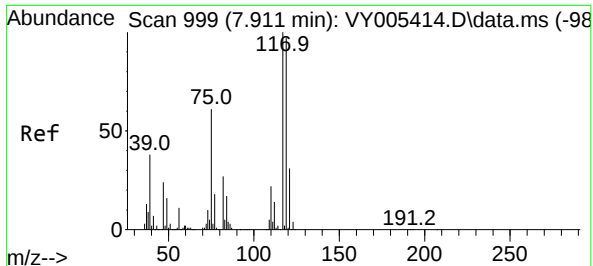
Delta R.T. -0.091 min

Lab File: VY005452.D

Acq: 26 Jul 2021 18:08

Tgt Ion:	43	Resp:	3890
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.9	11.9#

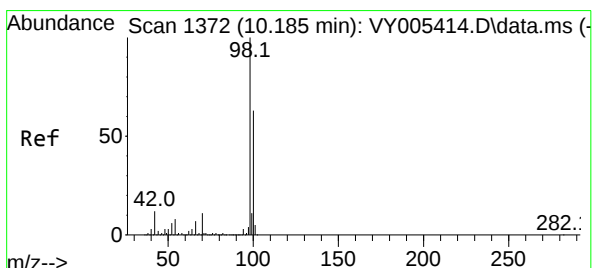
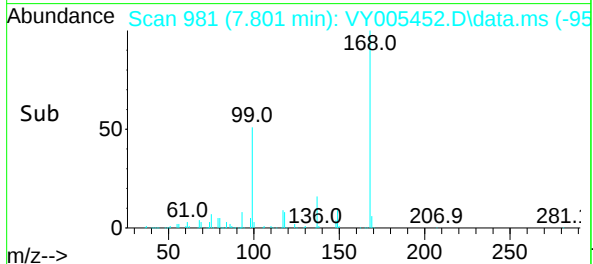
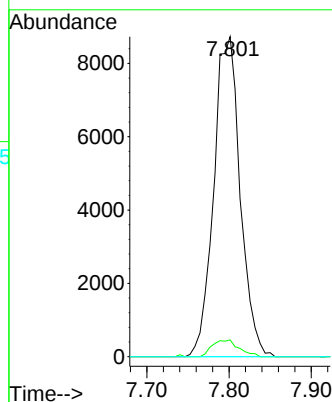
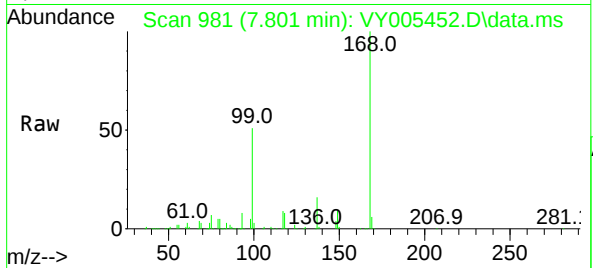




#38
Carbon Tetrachloride
Concen: 5.166 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

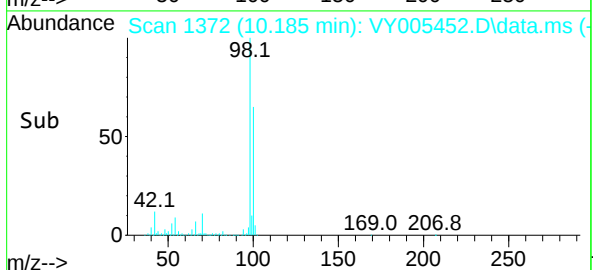
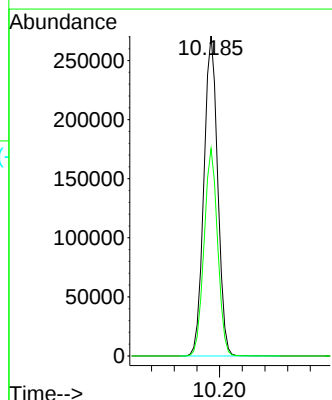
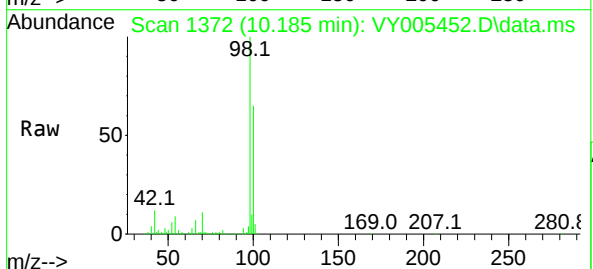
Instrument :
MSVOA_Y
ClientSampleId :

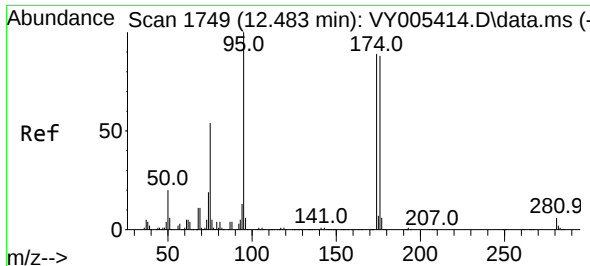
Tgt Ion:117 Resp: 19489
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.370 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

Tgt Ion: 98 Resp: 457575
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

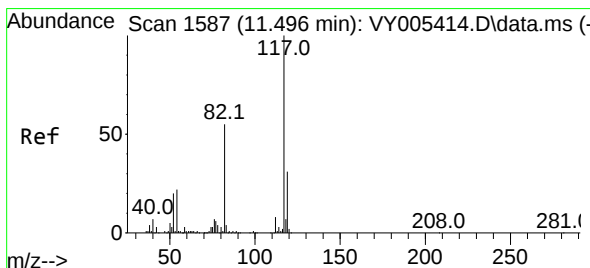
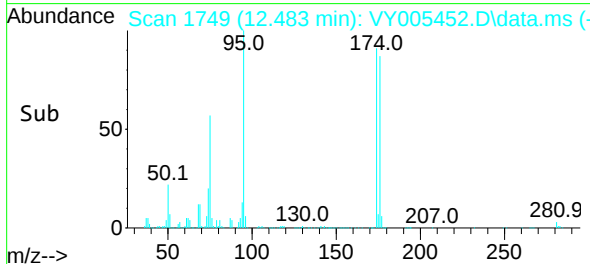
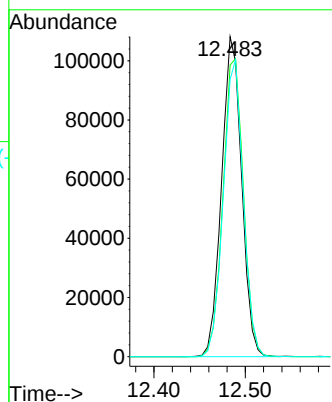
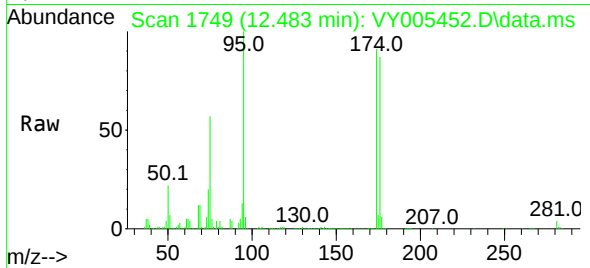




#62
4-Bromofluorobenzene
Concen: 57.188 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

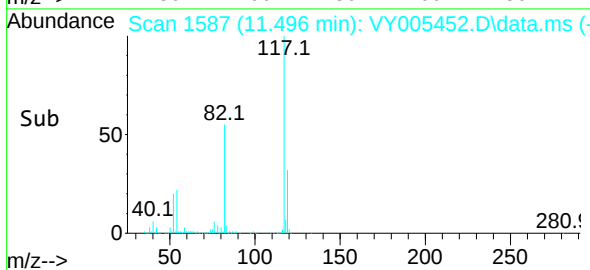
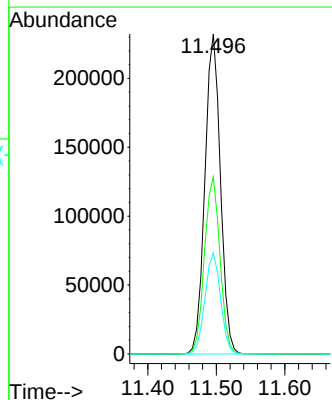
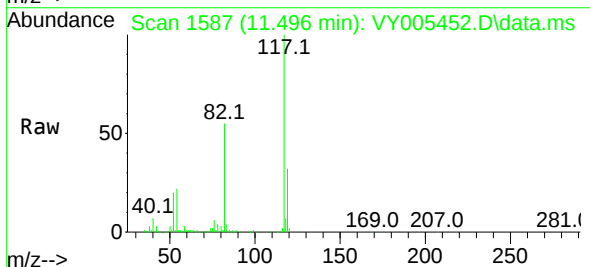
Instrument :
MSVOA_Y
ClientSampleId :

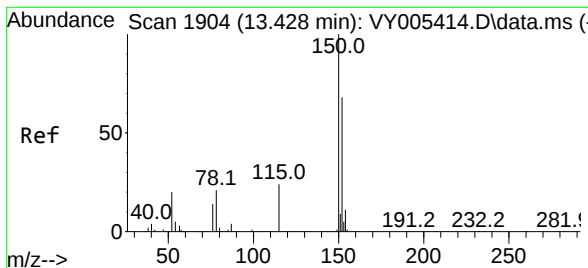
Tgt Ion: 95 Resp: 164913
Ion Ratio Lower Upper
95 100
174 94.9 0.0 186.6
176 92.3 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005452.D
Acq: 26 Jul 2021 18:08

Tgt Ion: 117 Resp: 365795
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.6
119 31.6 24.8 37.2

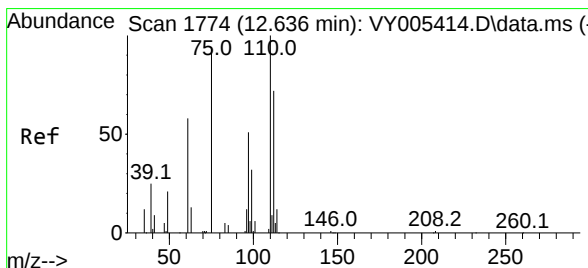
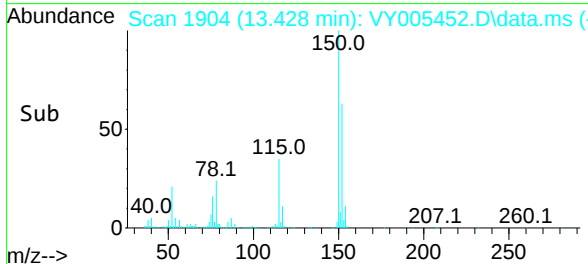
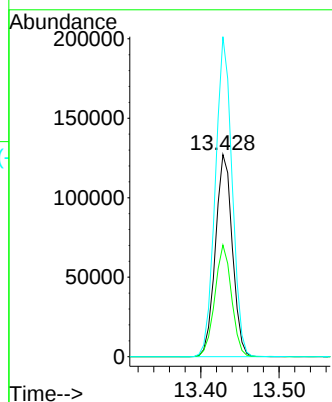
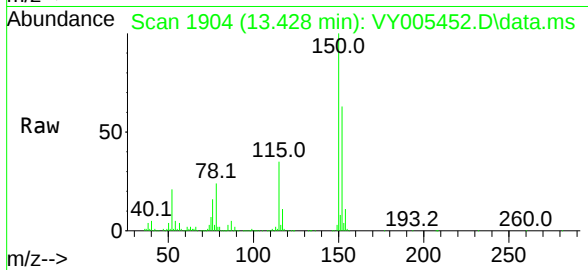




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005452.D
 Acq: 26 Jul 2021 18:08

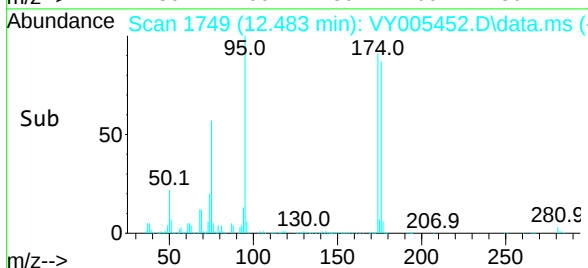
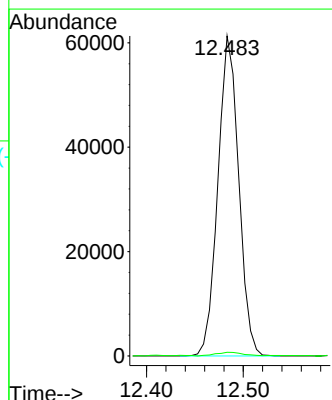
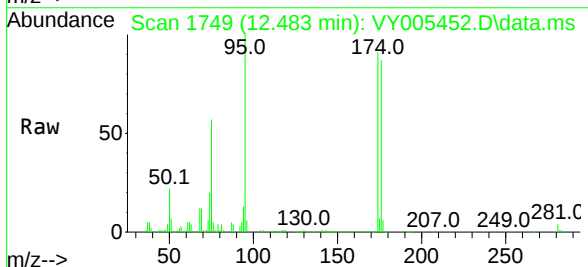
Instrument :
 MSVOA_Y
 ClientSampleId :

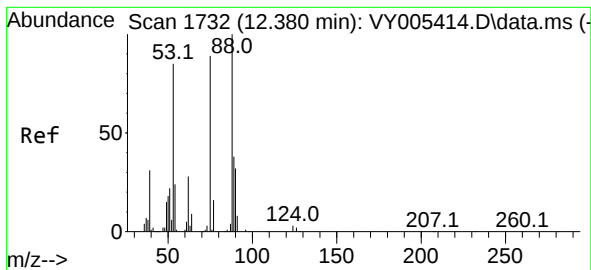
Tgt Ion:152 Resp: 191185
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.7 83.1
 150 156.7 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 48.640 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005452.D
 Acq: 26 Jul 2021 18:08

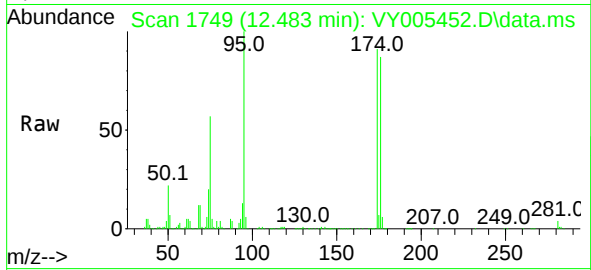
Tgt Ion: 75 Resp: 91502
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.445 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005452.D
 Acq: 26 Jul 2021 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :



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

