

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005453.D
 Acq On : 26 Jul 2021 18:31
 Operator : SY/MD
 Sample : M3159-07
 Misc : 3.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:12:24 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)

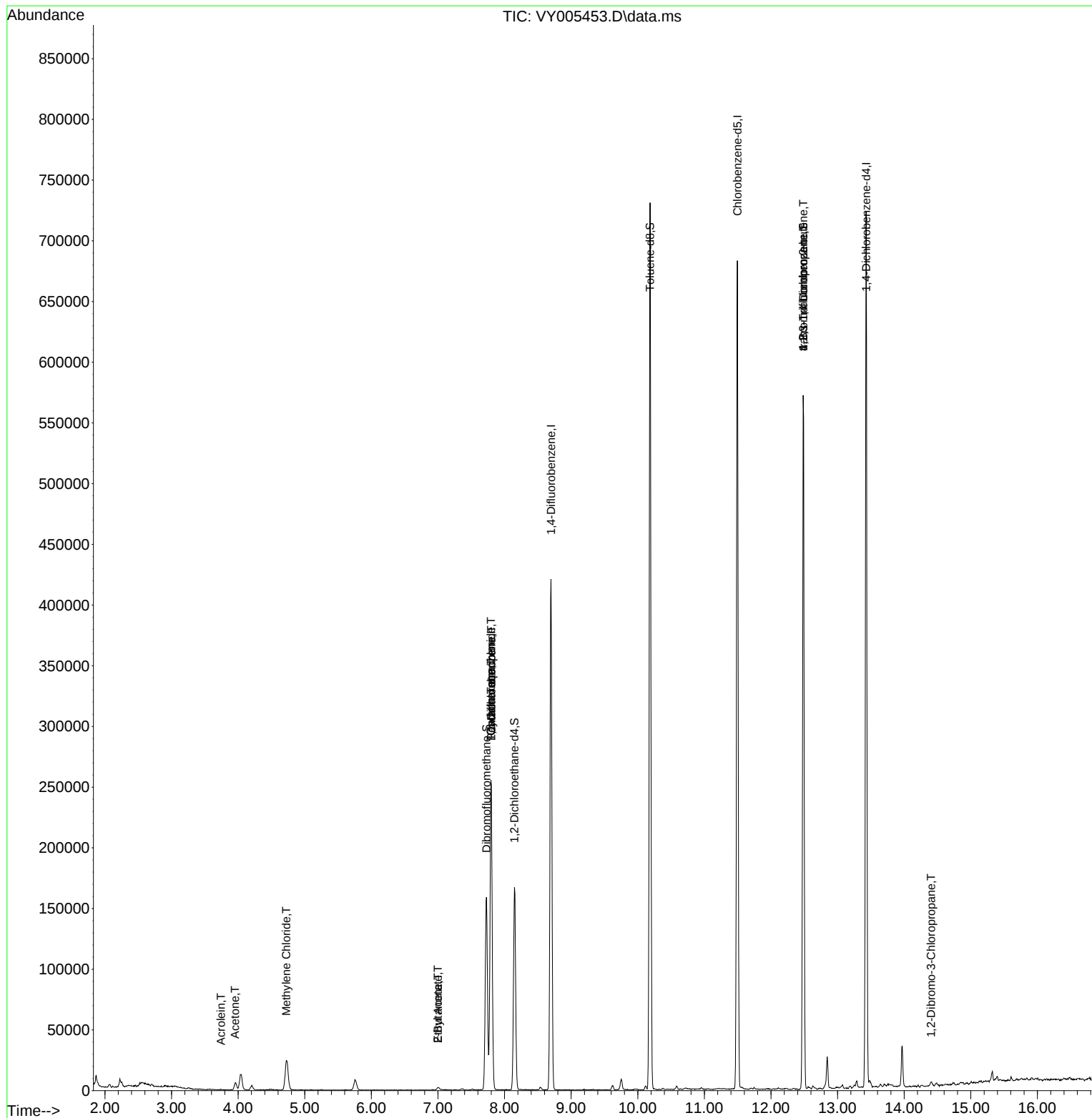
Internal Standards						
1) Pentafluorobenzene	7.801	168	207403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	362004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137683	62.138	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.280%		
35) Dibromofluoromethane	7.728	113	109034	53.115	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.240%		
50) Toluene-d8	10.185	98	457711	52.608	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.220%		
62) 4-Bromofluorobenzene	12.483	95	160106	55.756	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 111.520%		
Target Compounds						
					Qvalue	
13) Acrolein	3.741	56	341	1.779	ug/l #	73
16) Acetone	3.954	43	10315	20.385	ug/l	99
20) Methylene Chloride	4.723	84	19216	5.525	ug/l	97
25) 2-Butanone	6.997	43	3117	4.113	ug/l	98
31) Cyclohexane	7.795	56	4367	1.154	ug/l #	28
36) 1,1-Dichloropropene	7.801	75	15402	4.481	ug/l #	50
37) Ethyl Acetate	6.997	43	3117	1.490	ug/l #	70
38) Carbon Tetrachloride	7.795	117	18889	5.029	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	88037	48.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88037	94.917	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.404	75	949	2.031	ug/l #	1

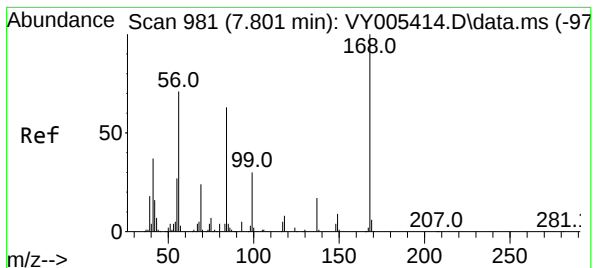
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY005453.D

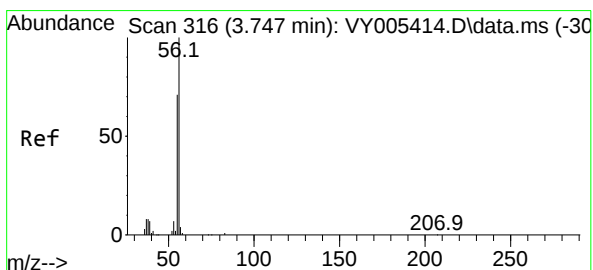
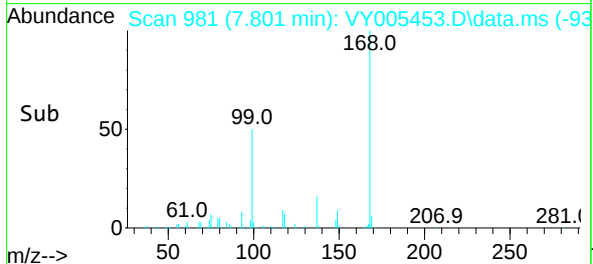
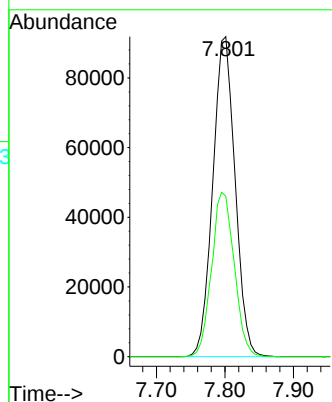
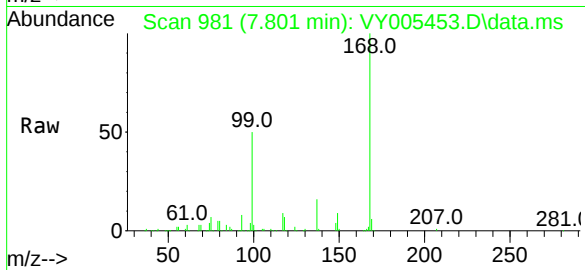
Acq: 26 Jul 2021 18:31

Tgt Ion:168 Resp: 207403

Ion Ratio Lower Upper

168 100

99 50.2 39.8 59.6



#13

Acrolein

Concen: 1.779 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY005453.D

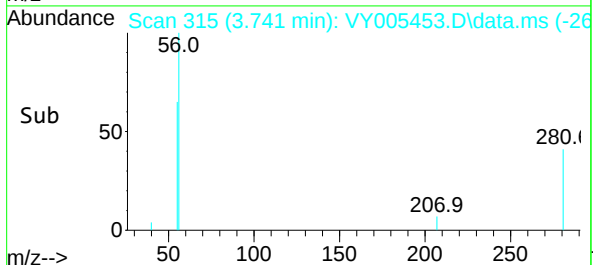
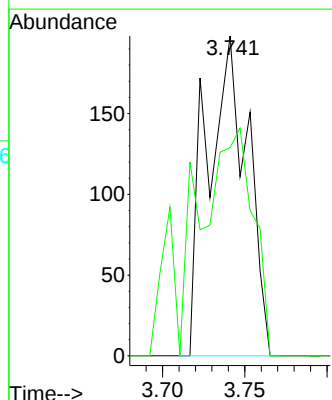
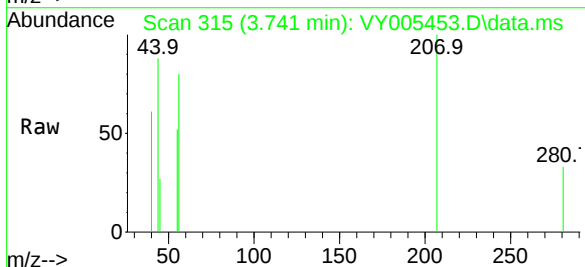
Acq: 26 Jul 2021 18:31

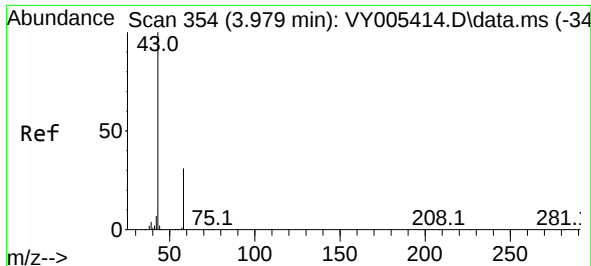
Tgt Ion: 56 Resp: 341

Ion Ratio Lower Upper

56 100

55 90.6 55.2 82.8#

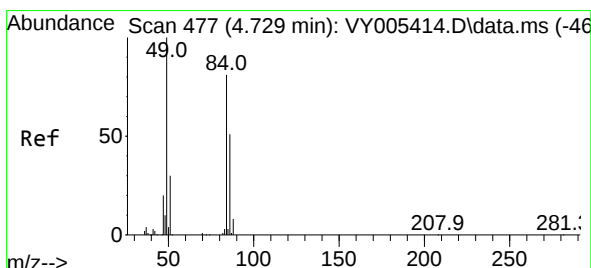
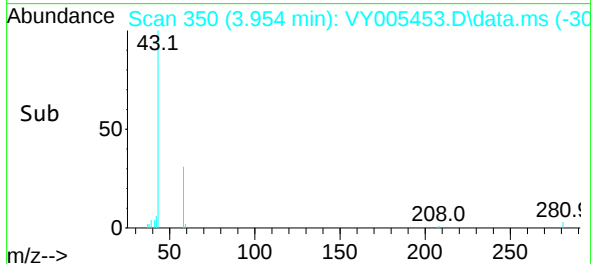
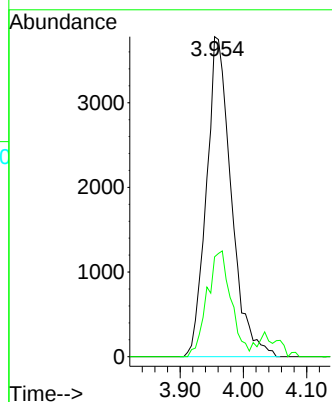
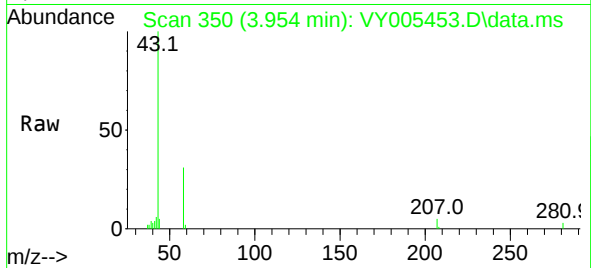




#16
Acetone
Concen: 20.385 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

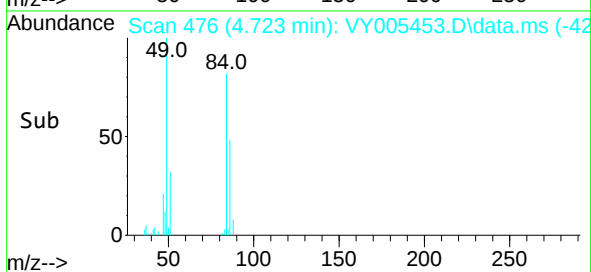
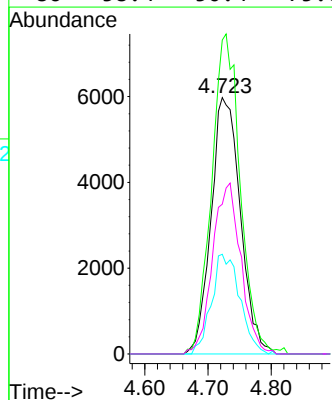
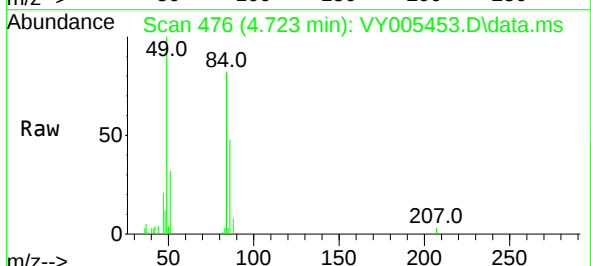
Instrument :
MSVOA_Y
ClientSampleId :

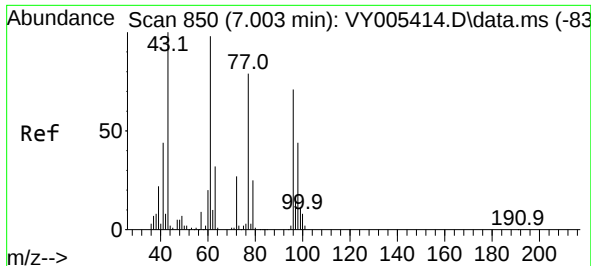
Tgt Ion: 43 Resp: 10315
Ion Ratio Lower Upper
43 100
58 31.2 24.5 36.7



#20
Methylene Chloride
Concen: 5.525 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

Tgt Ion: 84 Resp: 19216
Ion Ratio Lower Upper
84 100
49 122.5 98.9 148.3
51 38.9 30.0 45.0
86 58.4 50.4 75.6

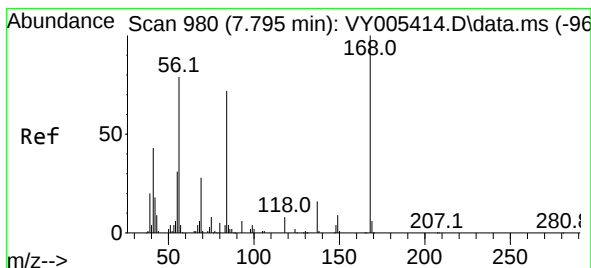
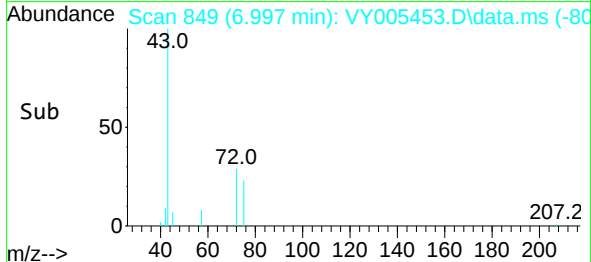
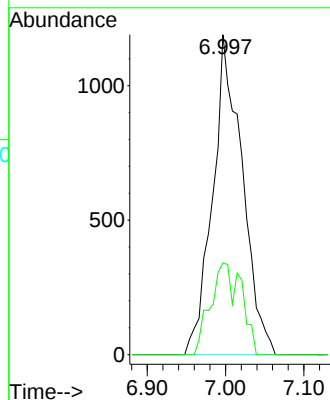
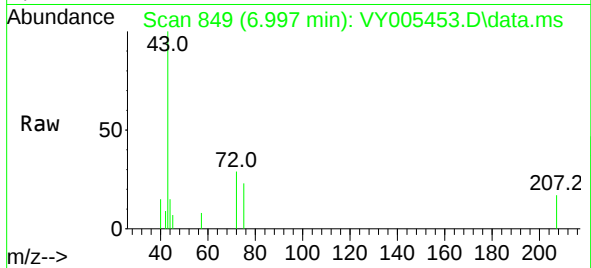




#25
2-Butanone
Concen: 4.113 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

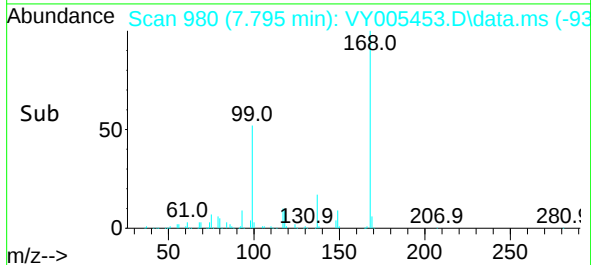
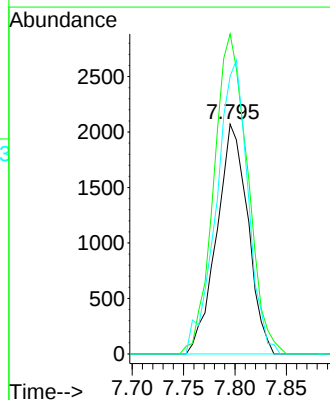
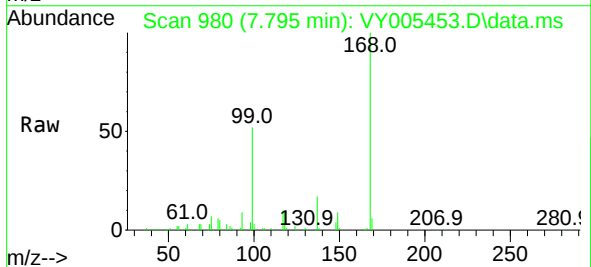
Instrument :
MSVOA_Y
ClientSampled :

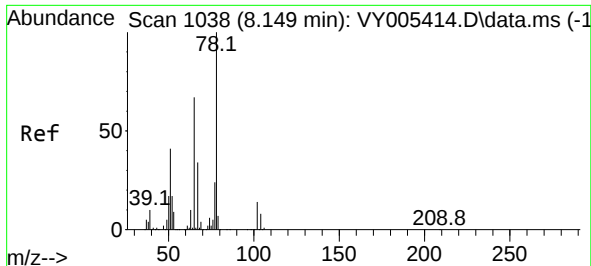
Tgt Ion: 43 Resp: 3117
Ion Ratio Lower Upper
43 100
72 28.7 21.9 32.9



#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

Tgt Ion: 56 Resp: 4367
Ion Ratio Lower Upper
56 100
69 139.3 28.7 43.1#
84 120.9 73.0 109.6#

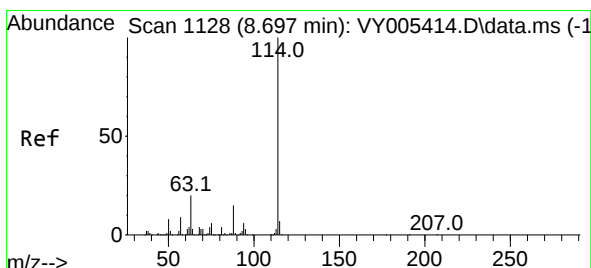
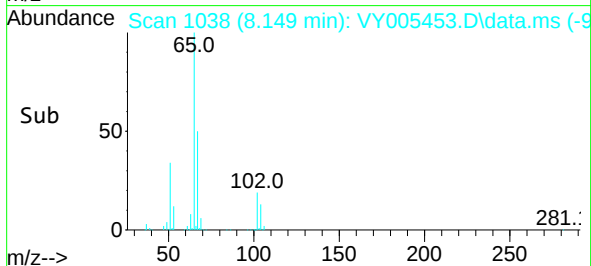
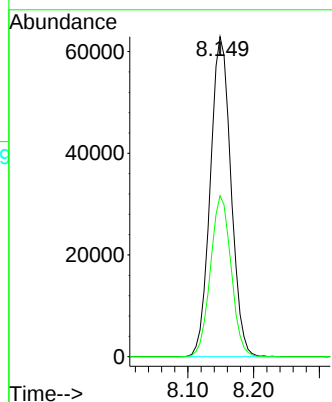
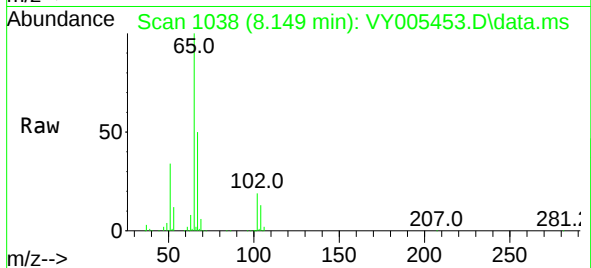




#33
1,2-Dichloroethane-d4
Concen: 62.138 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

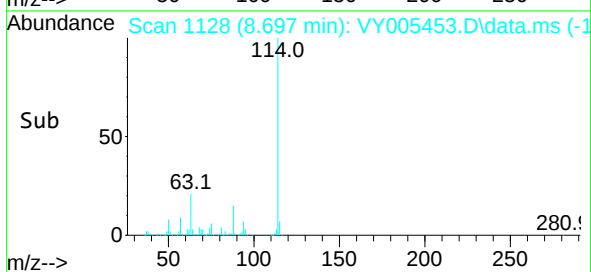
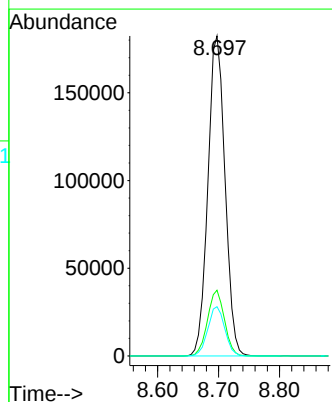
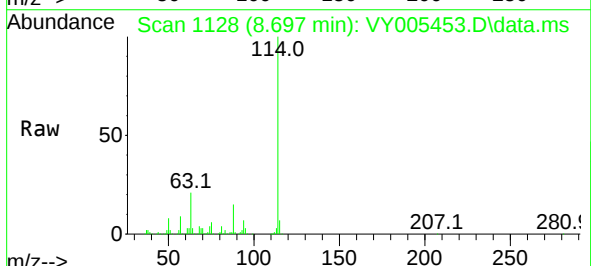
Instrument :
MSVOA_Y
ClientSampleId :

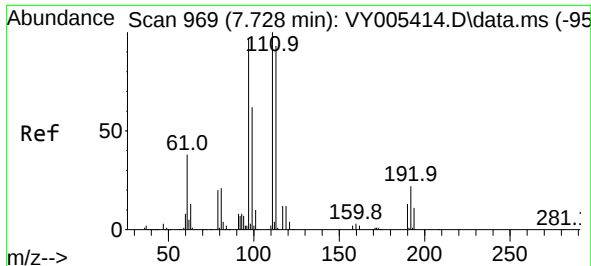
Tgt Ion: 65 Resp: 137683
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

Tgt Ion:114 Resp: 355517
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.0
88 15.4 0.0 30.8

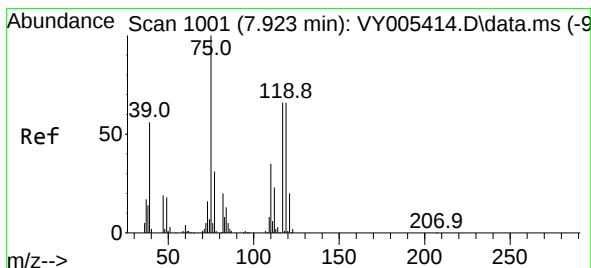
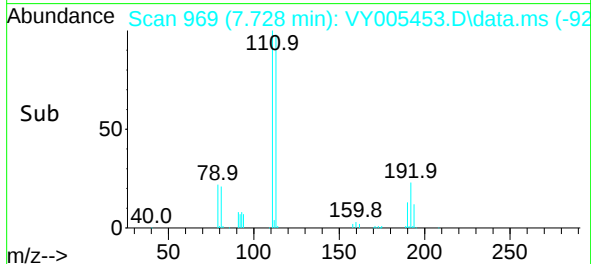
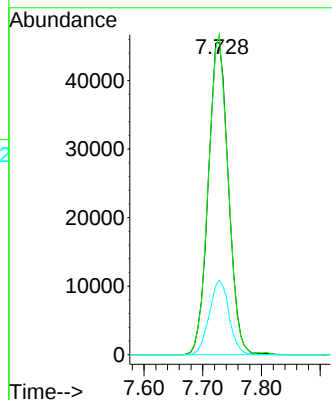
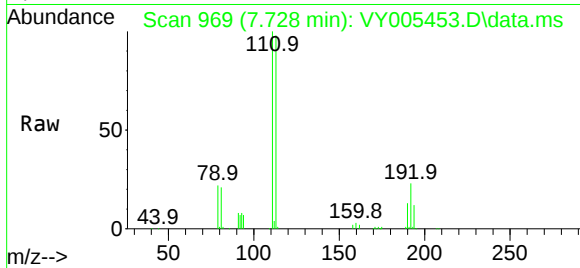




#35
Dibromofluoromethane
Concen: 53.115 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

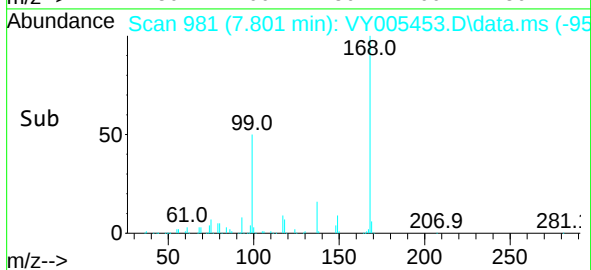
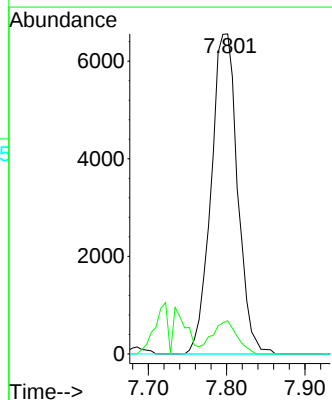
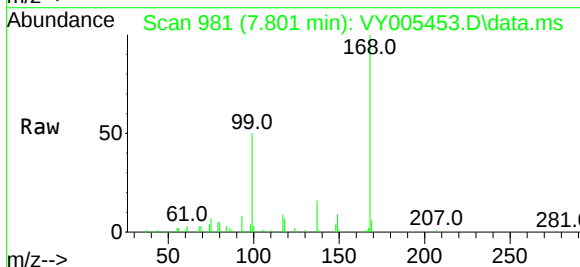
Instrument :
MSVOA_Y
ClientSampleId :

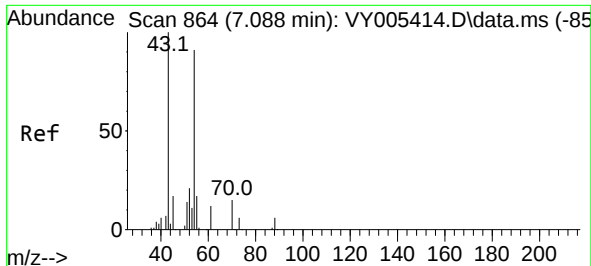
Tgt Ion:113 Resp: 109034
Ion Ratio Lower Upper
113 100
111 99.7 82.6 124.0
192 23.2 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.481 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

Tgt Ion: 75 Resp: 15402
Ion Ratio Lower Upper
75 100
110 9.8 17.6 52.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.490 ug/l

RT: 6.997 min Scan# 849

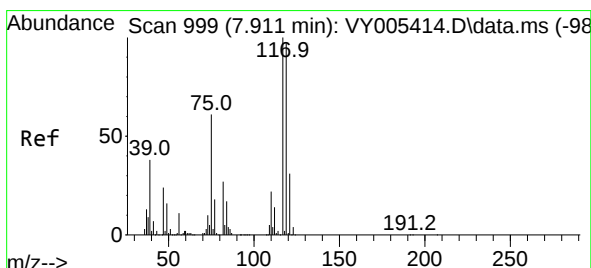
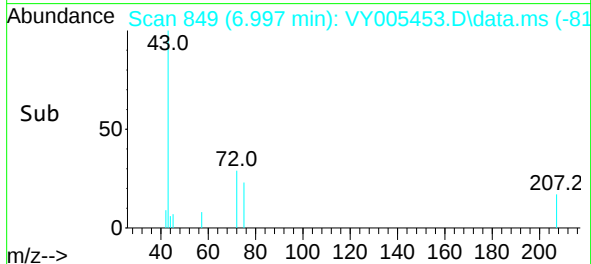
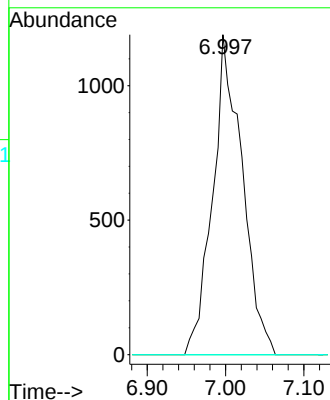
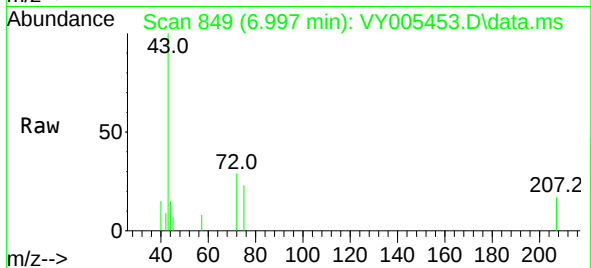
Delta R.T. -0.091 min

Lab File: VY005453.D

Acq: 26 Jul 2021 18:31

Tgt Ion:	43	Resp:	3117
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.9	11.9#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.029 ug/l

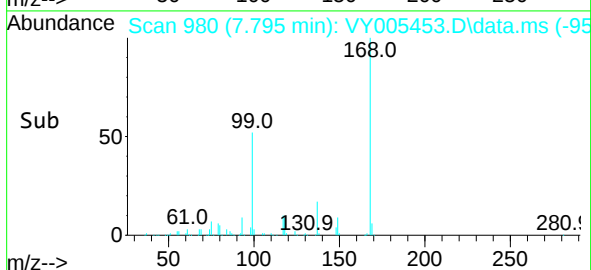
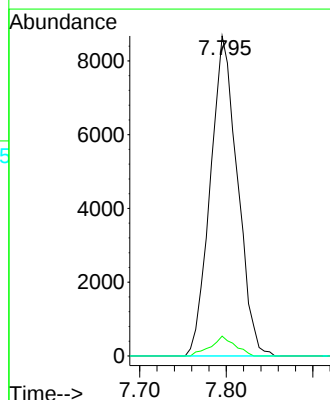
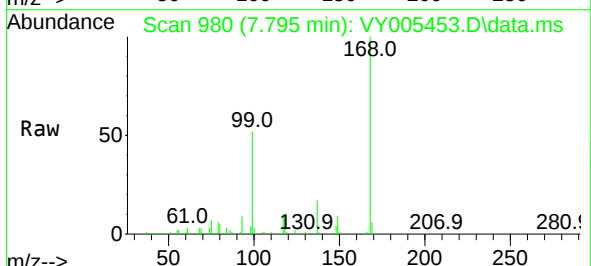
RT: 7.795 min Scan# 980

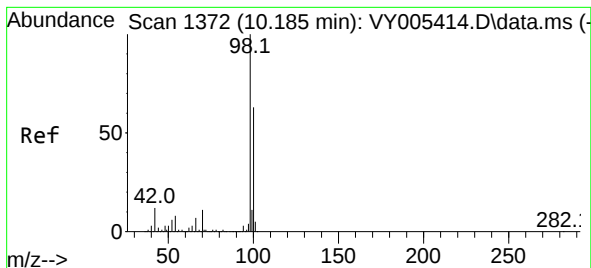
Delta R.T. -0.116 min

Lab File: VY005453.D

Acq: 26 Jul 2021 18:31

Tgt Ion:	117	Resp:	18889
Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.2	115.8#
121	0.0	25.1	37.7#

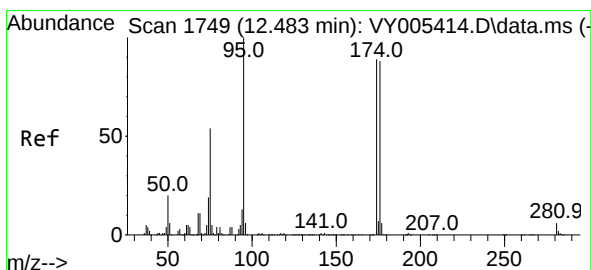
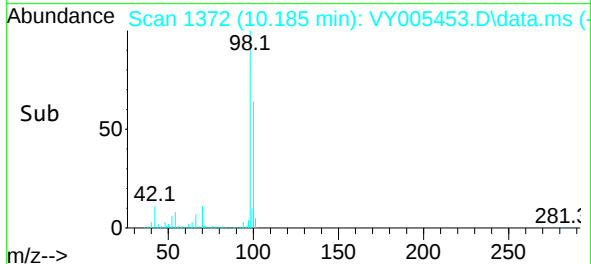
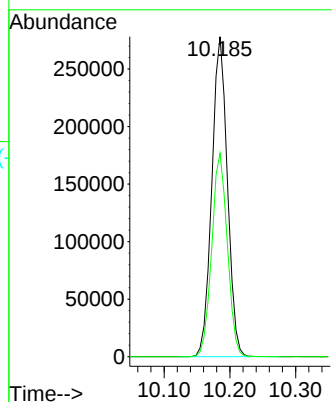
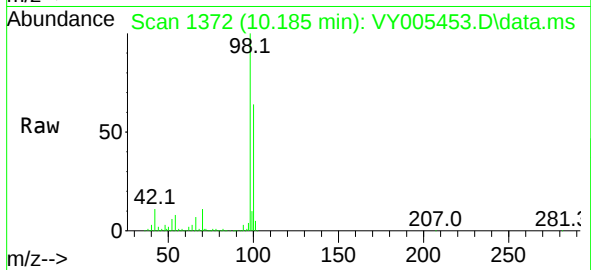




#50
Toluene-d8
Concen: 52.608 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

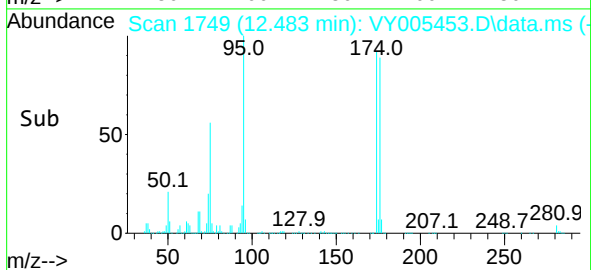
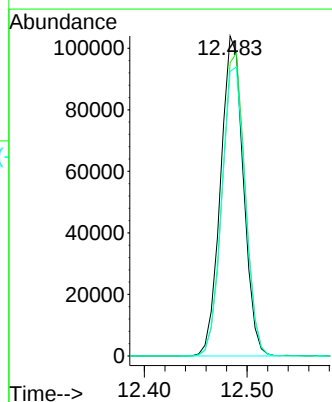
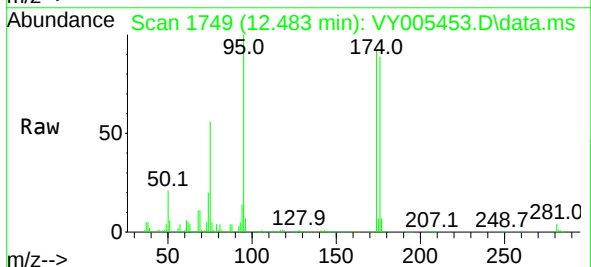
Instrument :
MSVOA_Y
ClientSampled :

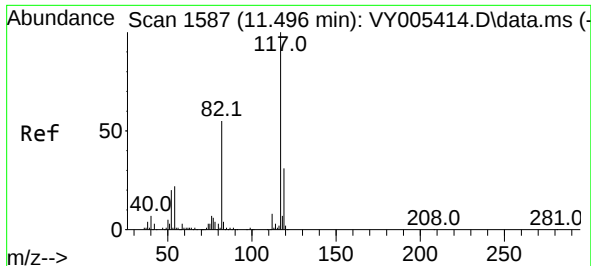
Tgt Ion: 98 Resp: 457711
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 55.756 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

Tgt Ion: 95 Resp: 160106
Ion Ratio Lower Upper
95 100
174 95.4 0.0 186.6
176 92.1 0.0 182.4

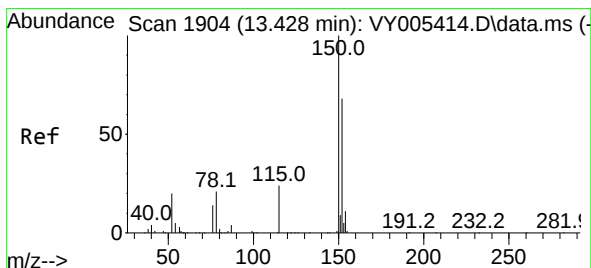
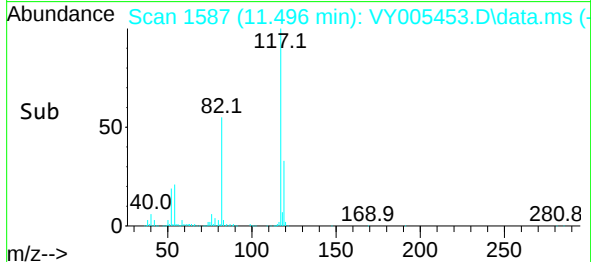
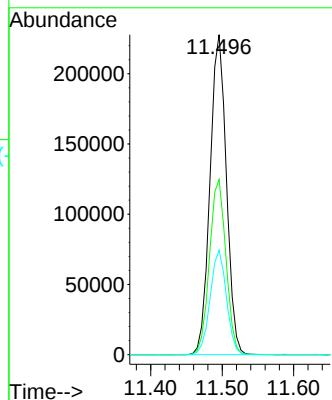
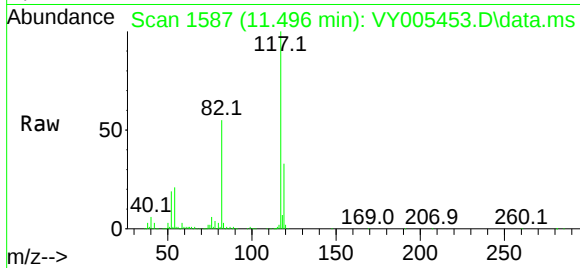




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

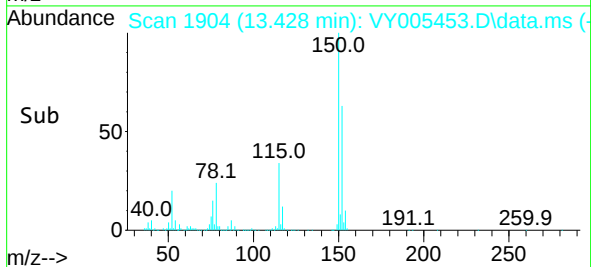
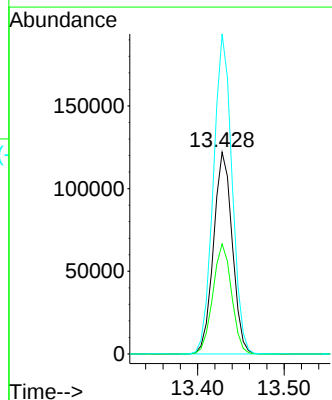
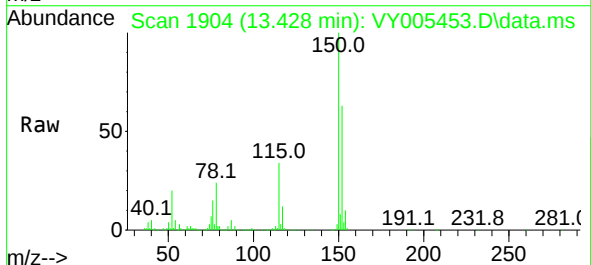
Instrument :
MSVOA_Y
ClientSampleId :

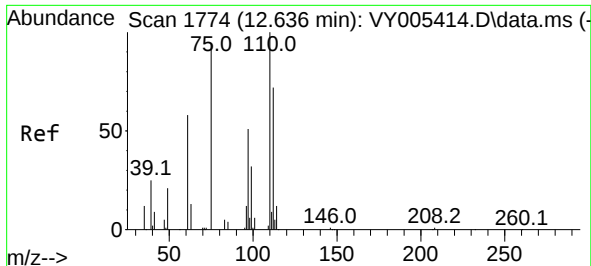
Tgt Ion:117 Resp: 362004
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.6
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

Tgt Ion:152 Resp: 183030
Ion Ratio Lower Upper
152 100
115 54.7 27.7 83.1
150 158.2 0.0 349.6

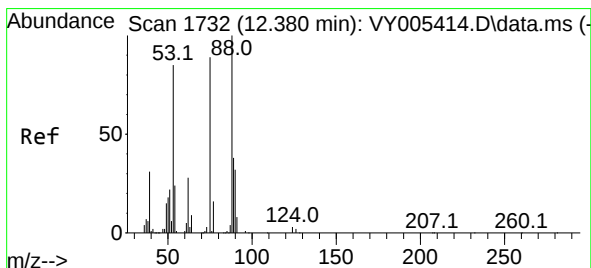
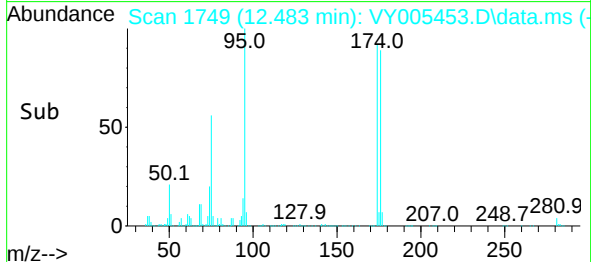
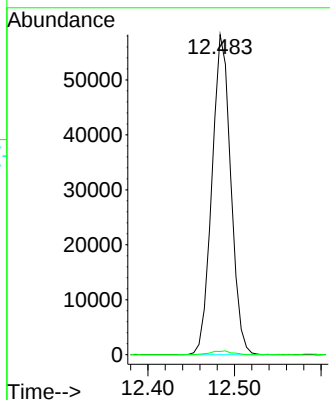
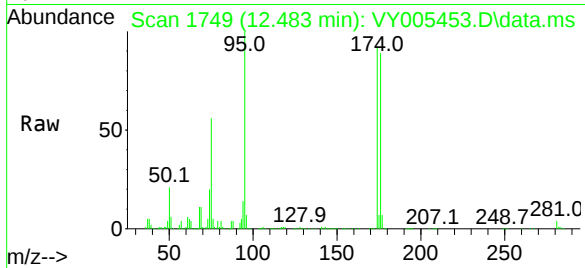




#76
1,2,3-Trichloropropane
Concen: 48.883 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

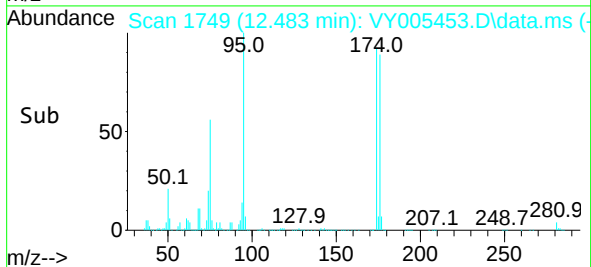
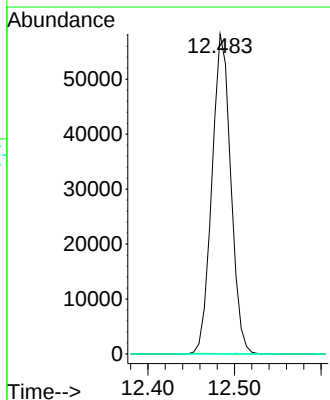
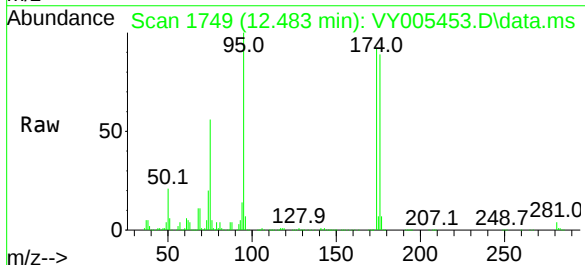
Instrument :
MSVOA_Y
ClientSampleId :

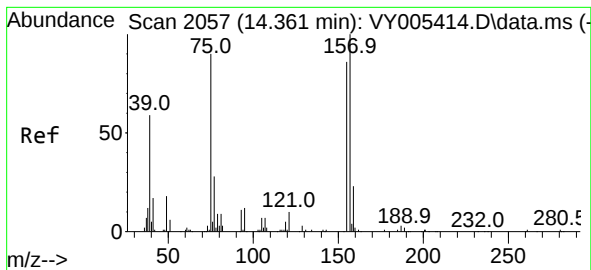
Tgt Ion: 75 Resp: 88037
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005453.D
Acq: 26 Jul 2021 18:31

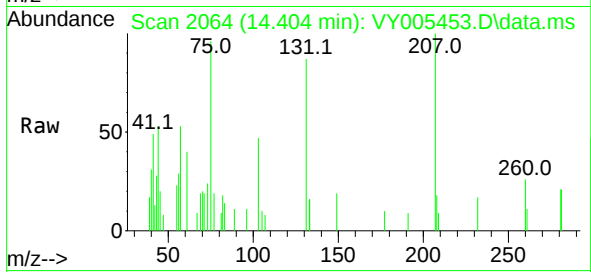
Tgt Ion: 75 Resp: 88037
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.1 36.9 55.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.031 ug/l
 RT: 14.404 min Scan# 2064
 Delta R.T. 0.043 min
 Lab File: VY005453.D
 Acq: 26 Jul 2021 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 949
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.6 130.8#
 157 0.0 54.1 162.3#

