

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004592.D
 Acq On : 22 Apr 2021 17:58
 Operator : SY/MD
 Sample : M2111-04
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:22:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

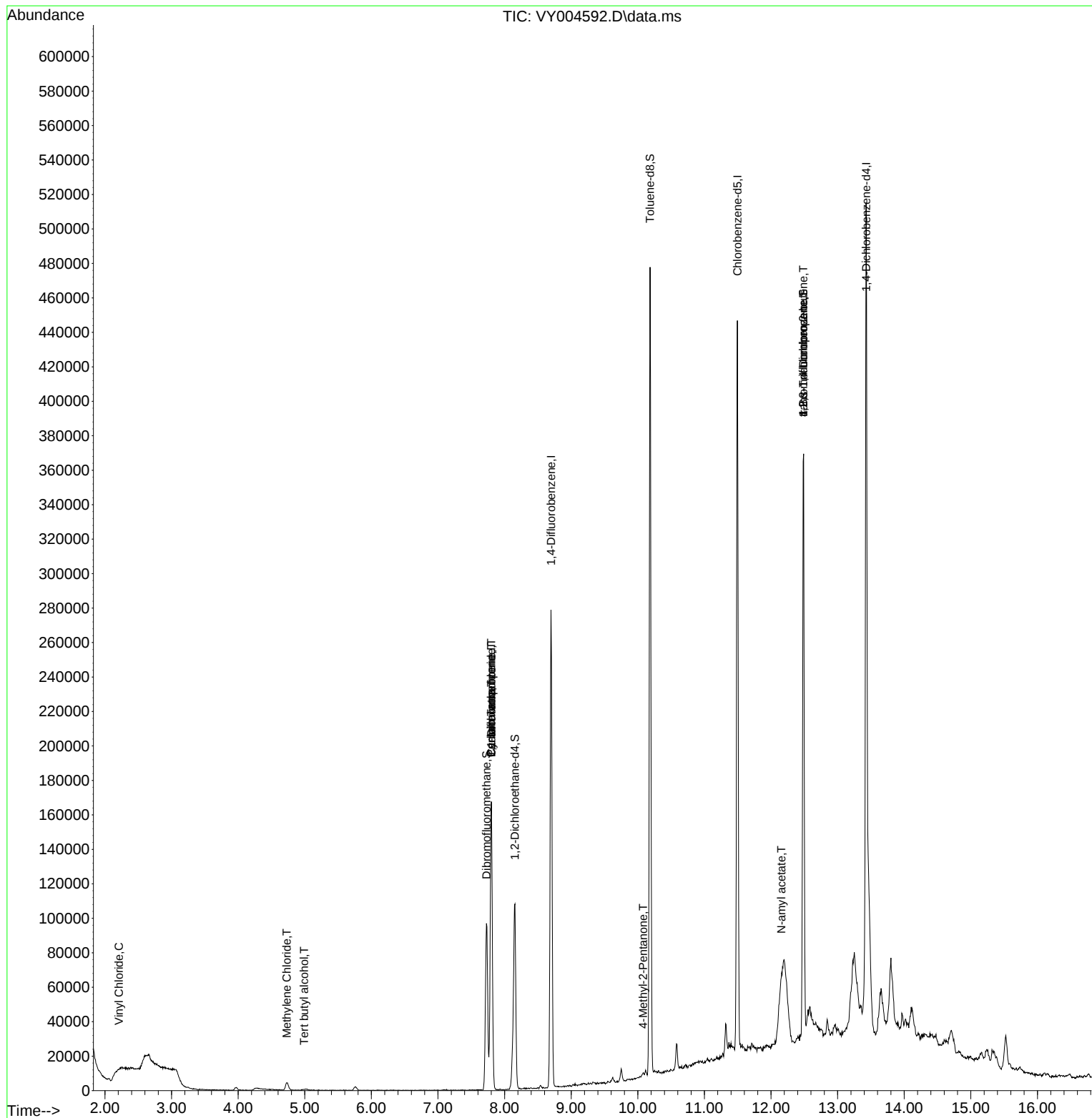
Internal Standards						
1) Pentafluorobenzene	7.801	168	124602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79209	57.22	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.44%			
35) Dibromofluoromethane	7.728	113	67348	54.48	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.96%			
50) Toluene-d8	10.185	98	281855	53.60	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.20%			
62) 4-Bromofluorobenzene	12.483	95	96127	53.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.74%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.211	62	5309	3.01	ug/l #	43
11) Tert butyl alcohol	4.991	59	811	5.94	ug/l #	73
16) Acetone	3.966	43	2995	Below Cal		100
20) Methylene Chloride	4.729	84	3097	2.32	ug/l #	81
31) Cyclohexane	7.801	56	3026	1.19	ug/l #	6
36) 1,1-Dichloropropene	7.801	75	10322	4.66	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12633	6.60	ug/l #	15
51) 4-Methyl-2-Pentanone	10.081	43	1916	1.38	ug/l	94
74) N-amyl acetate	12.154	43	3885	1.50	ug/l #	52
76) 1,2,3-Trichloropropane	12.483	75	53642	50.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53642	89.88	ug/l #	12

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

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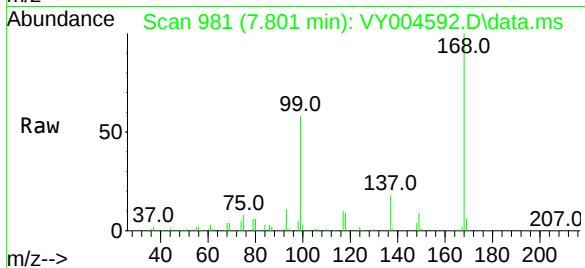
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



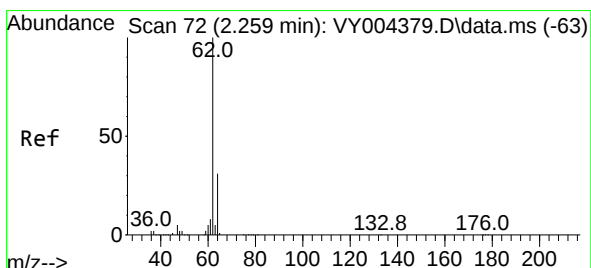
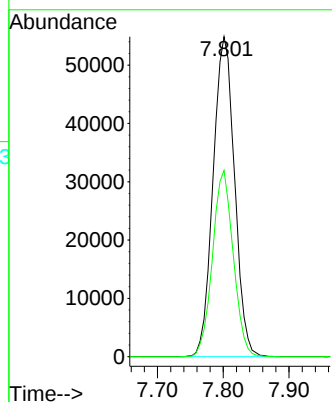
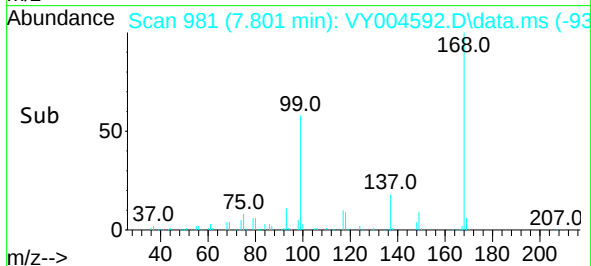


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

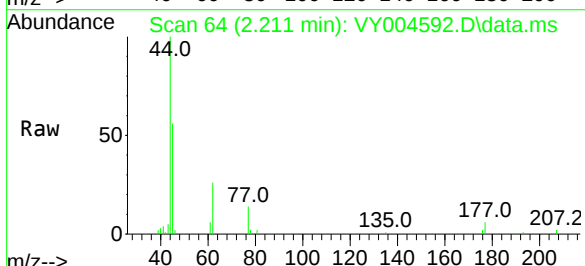
Instrument :
MSVOA_Y
ClientSampleId :



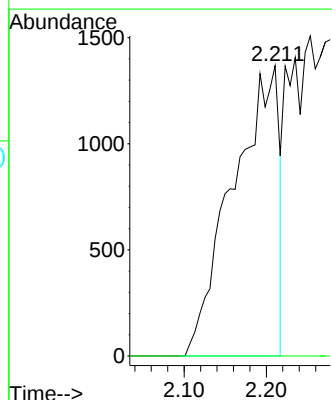
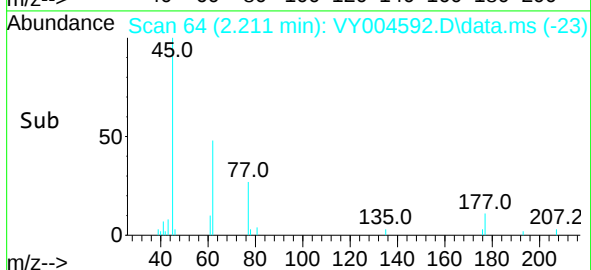
Tgt Ion:168 Resp: 124602
Ion Ratio Lower Upper
168 100
99 58.2 45.5 68.3

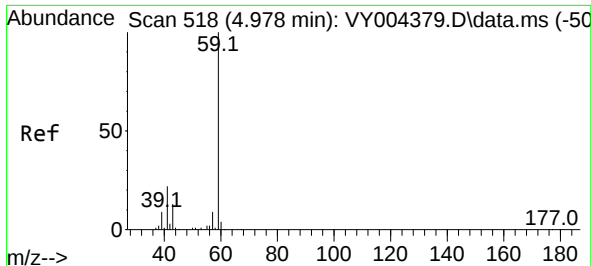


#4
Vinyl Chloride
Concen: 3.01 ug/l
RT: 2.211 min Scan# 64
Delta R.T. -0.049 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58



Tgt Ion: 62 Resp: 5309
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 5.94 ug/l

RT: 4.991 min Scan# 520

Delta R.T. 0.012 min

Lab File: VY004592.D

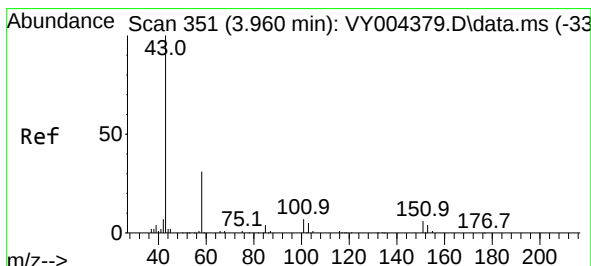
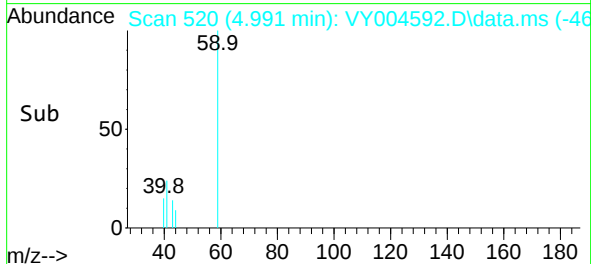
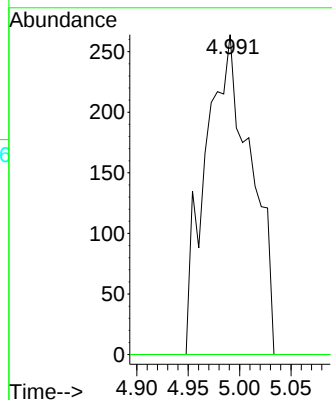
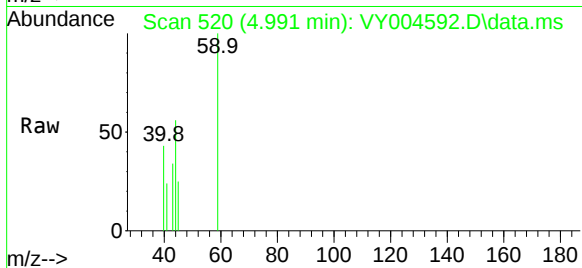
Acq: 22 Apr 2021 17:58

Tgt Ion: 59 Resp: 811

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: Below Cal

RT: 3.966 min Scan# 352

Delta R.T. 0.006 min

Lab File: VY004592.D

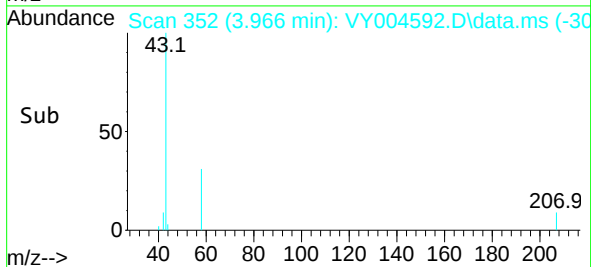
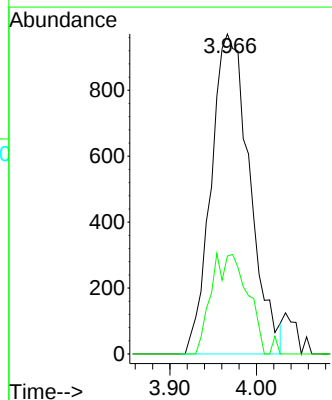
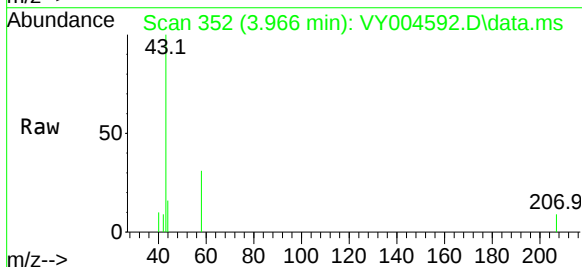
Acq: 22 Apr 2021 17:58

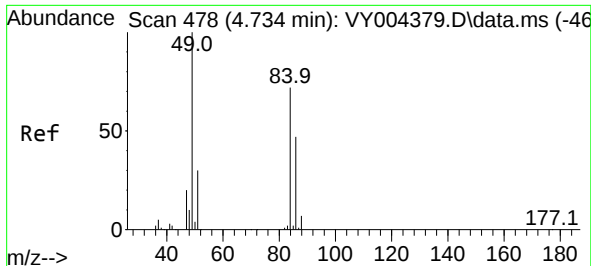
Tgt Ion: 43 Resp: 2995

Ion Ratio Lower Upper

43 100

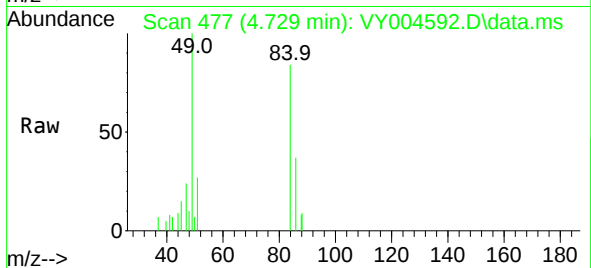
58 30.6 24.6 37.0





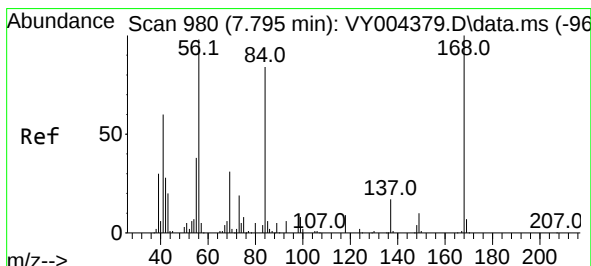
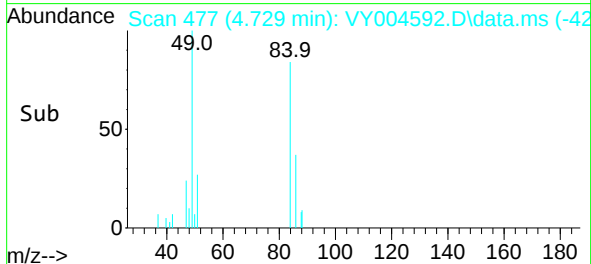
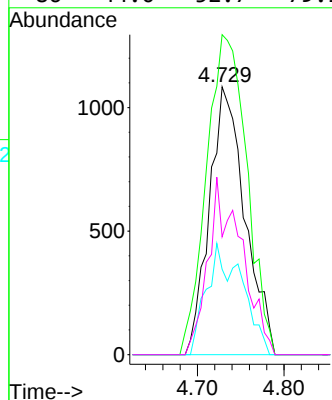
#20
Methylene Chloride
Concen: 2.32 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

Instrument :
MSVOA_Y
ClientSampled :

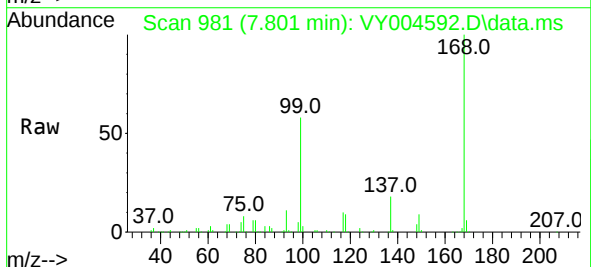


Tgt Ion: 84 Resp: 3097

Ion	Ratio	Lower	Upper
84	100		
49	119.5	111.2	166.8
51	31.9	33.4	50.2#
86	44.0	52.7	79.1#

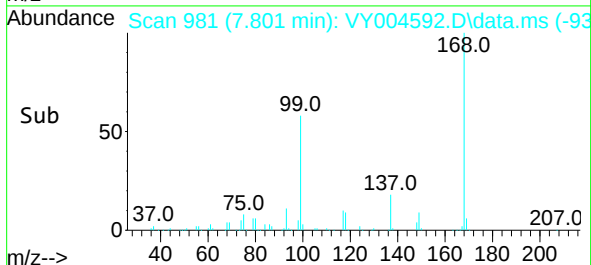
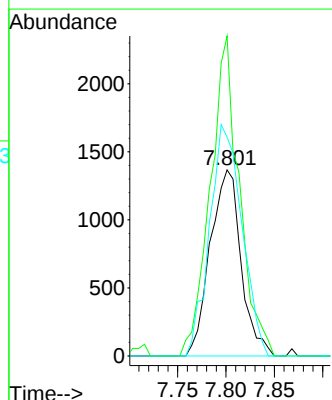


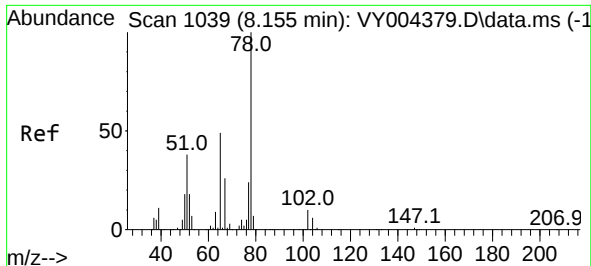
#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58



Tgt Ion: 56 Resp: 3026

Ion	Ratio	Lower	Upper
56	100		
69	171.9	25.8	38.6#
84	117.6	68.2	102.4#

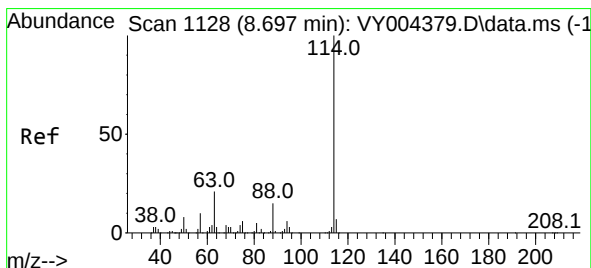
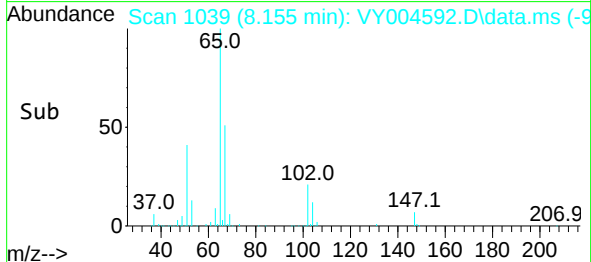
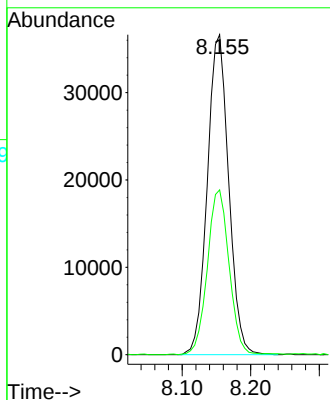
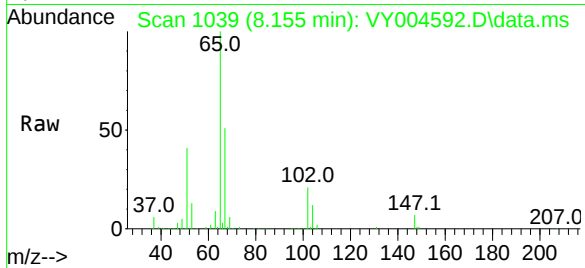




#33
1,2-Dichloroethane-d4
Concen: 57.22 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

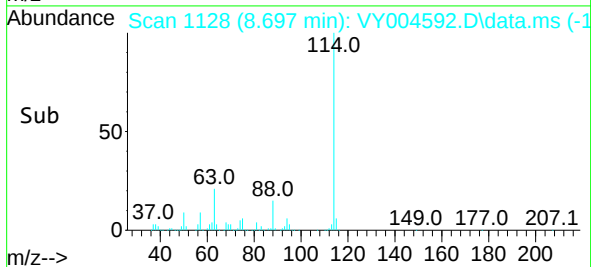
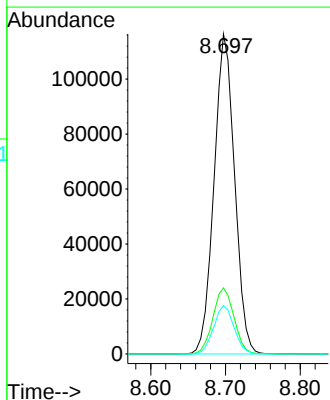
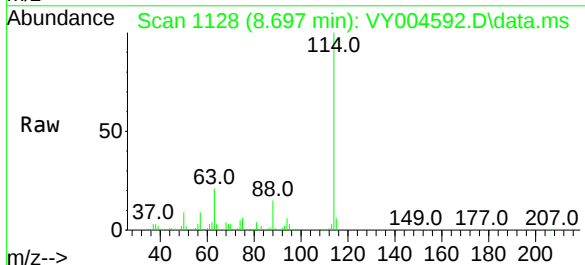
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 65 Resp: 79209
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

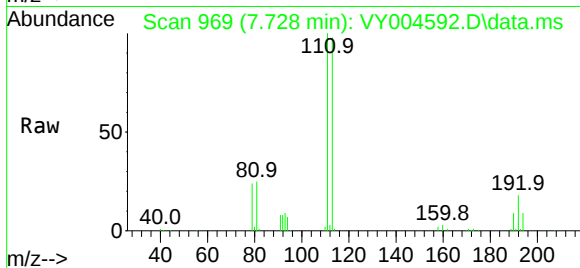
Tgt Ion:114 Resp: 222749
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 15.1 0.0 30.8



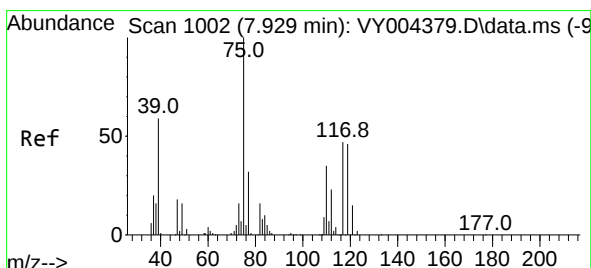
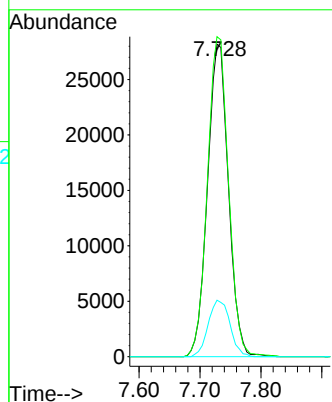
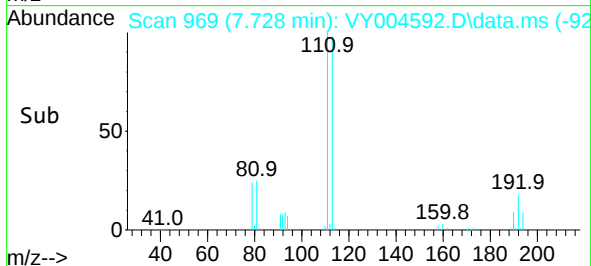


#35
Dibromofluoromethane
Concen: 54.48 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

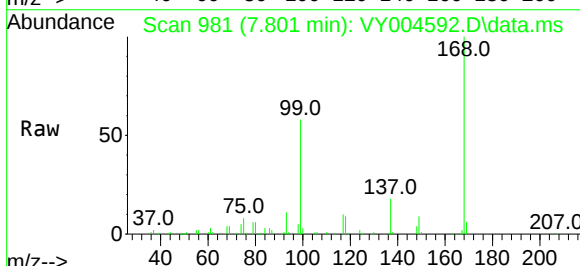
Instrument :
MSVOA_Y
ClientSampled :



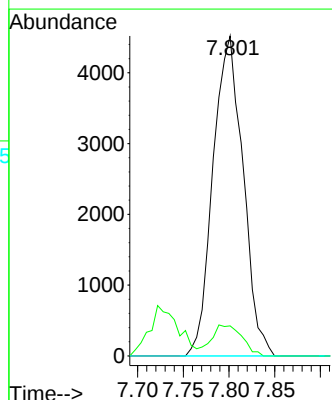
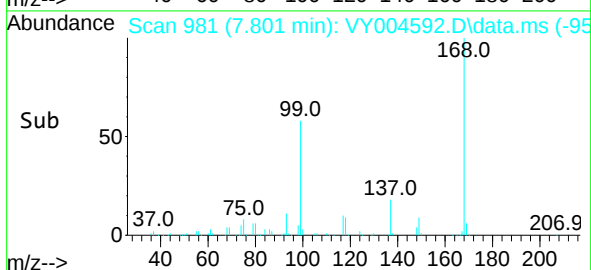
Tgt Ion:113 Resp: 67348
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 18.8 16.1 24.1

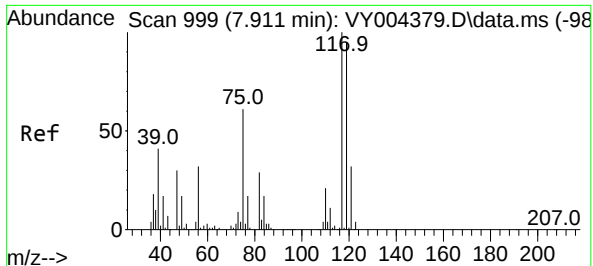


#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58



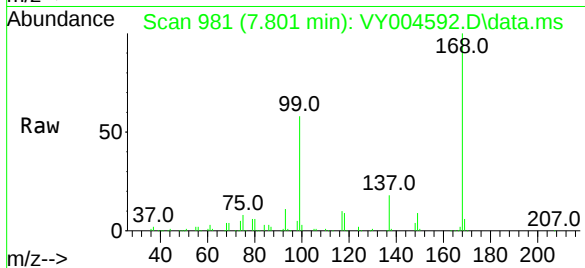
Tgt Ion: 75 Resp: 10322
Ion Ratio Lower Upper
75 100
110 9.9 17.3 51.7#
77 0.0 24.3 36.5#



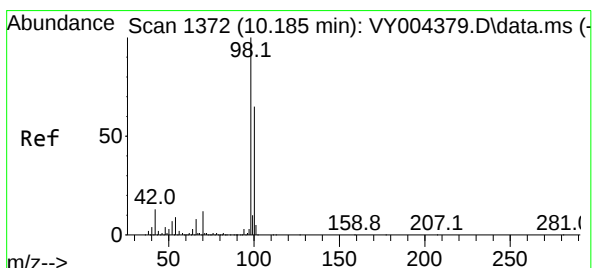
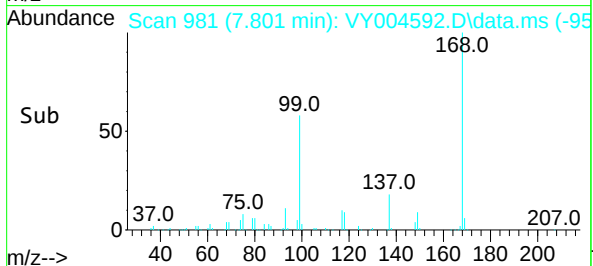
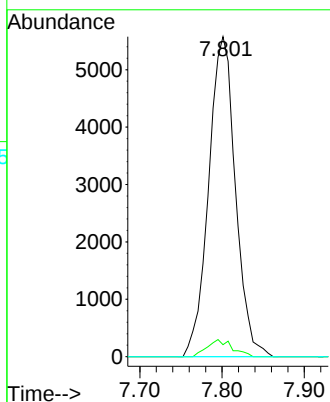


#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :

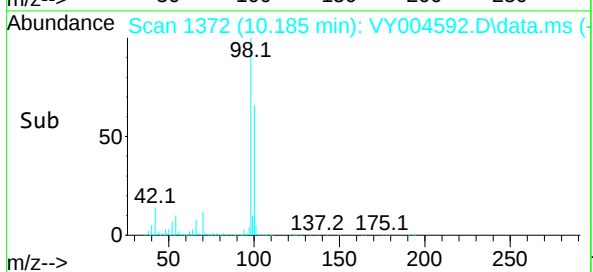
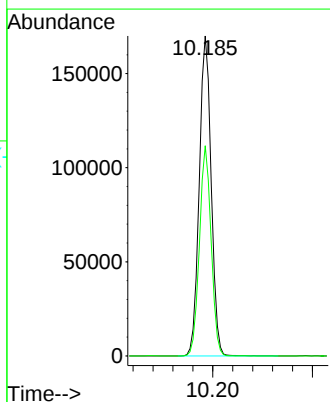
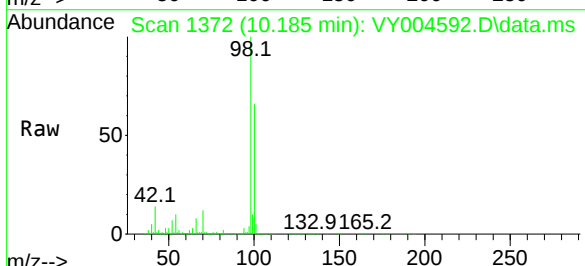


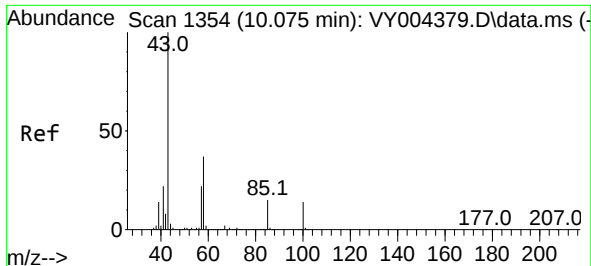
Tgt Ion: 117 Resp: 12633
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 53.60 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

Tgt Ion: 98 Resp: 281855
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

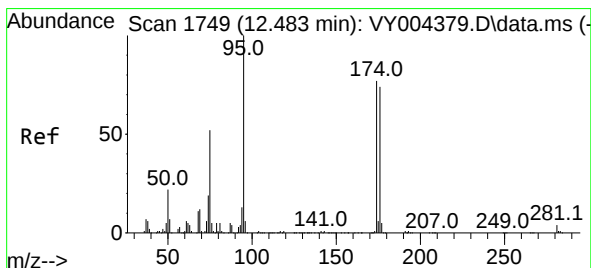
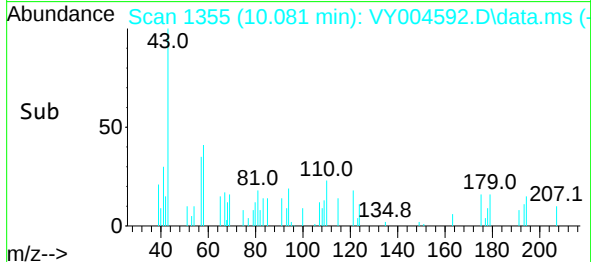
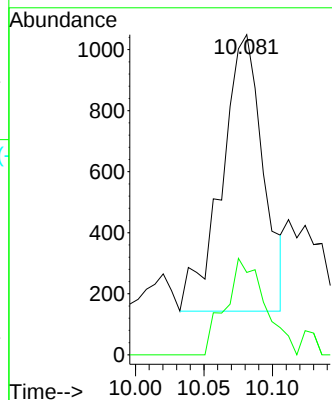
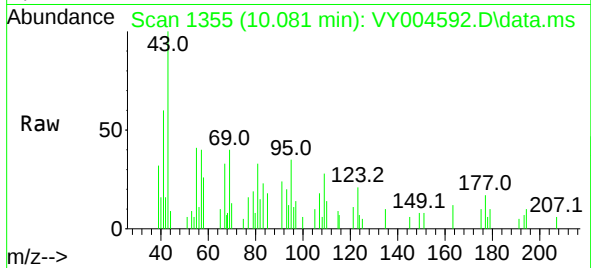




#51
4-Methyl-2-Pentanone
Concen: 1.38 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

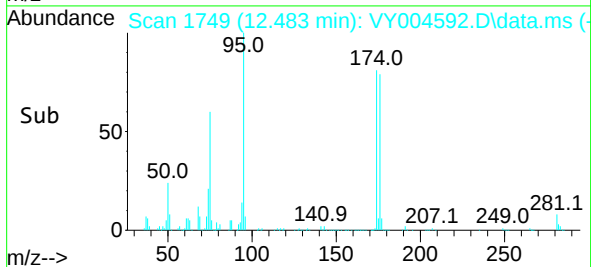
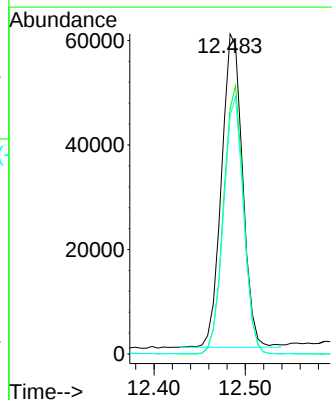
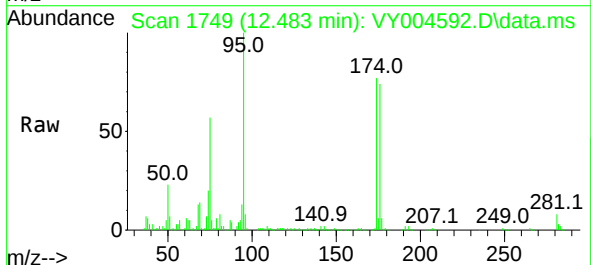
Instrument :
MSVOA_Y
ClientSampleId :

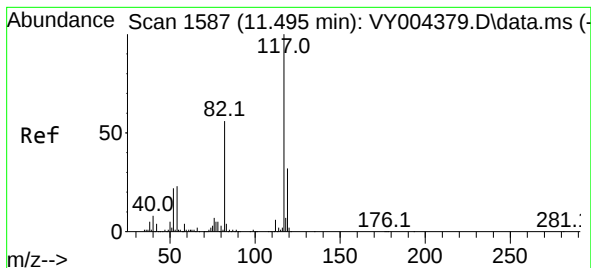
Tgt Ion: 43 Resp: 1916
Ion Ratio Lower Upper
43 100
58 33.2 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 53.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

Tgt Ion: 95 Resp: 96127
Ion Ratio Lower Upper
95 100
174 81.8 0.0 162.4
176 78.4 0.0 156.0

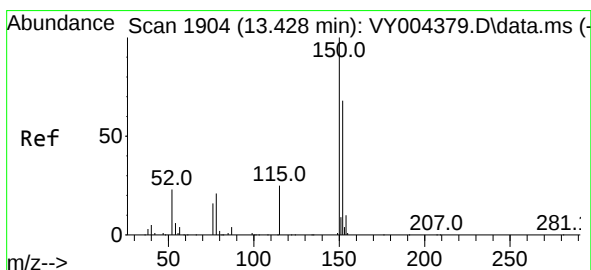
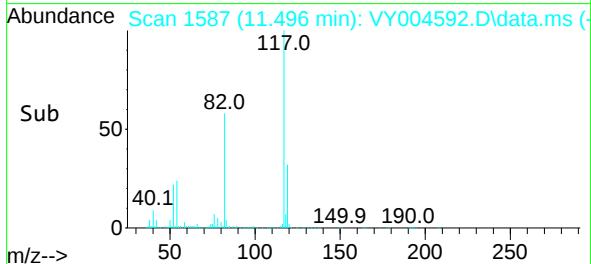
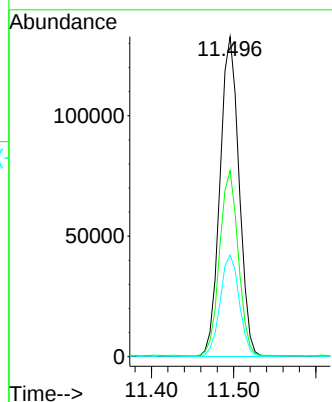
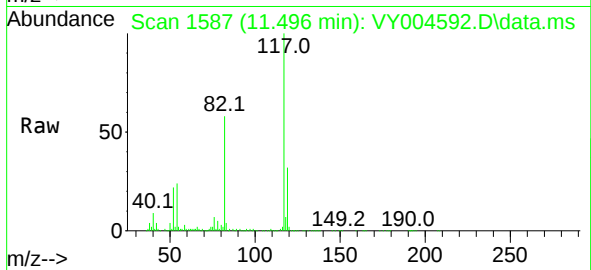




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

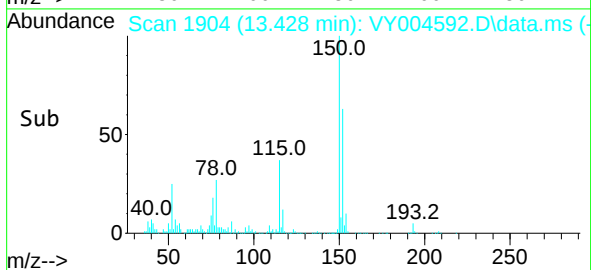
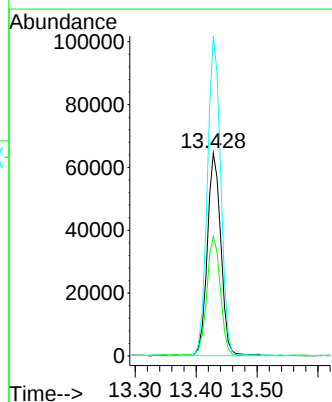
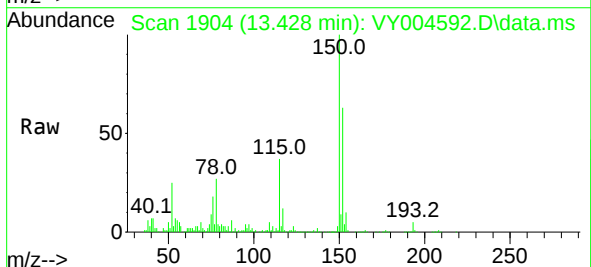
Instrument :
MSVOA_Y
ClientSampled :

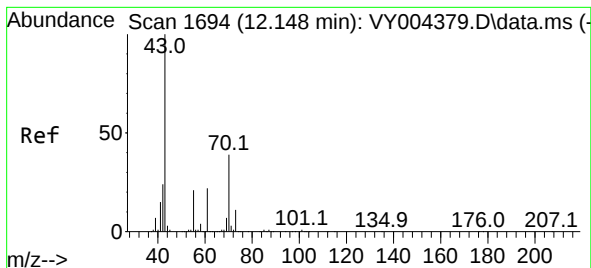
Tgt Ion:117 Resp: 213870
Ion Ratio Lower Upper
117 100
82 57.8 44.9 67.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

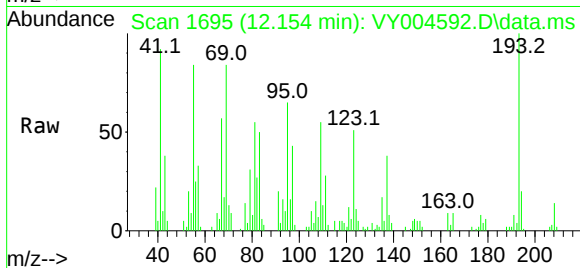
Tgt Ion:152 Resp: 99471
Ion Ratio Lower Upper
152 100
115 57.8 29.6 88.8
150 154.6 0.0 348.4



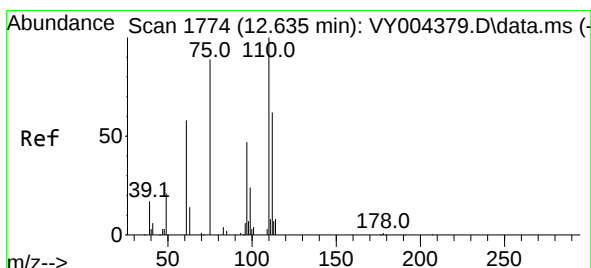
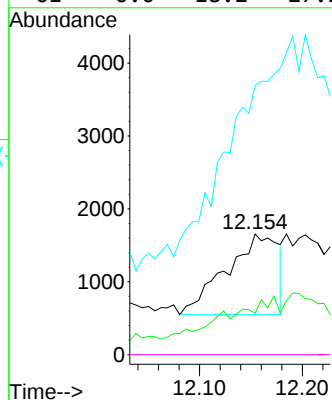
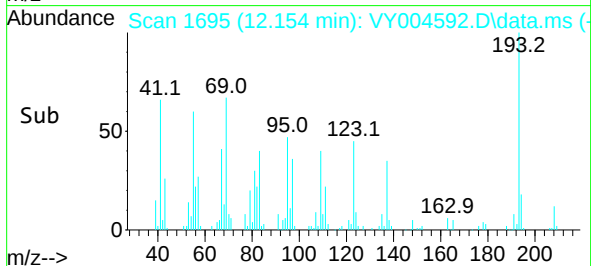


#74
N-amy1 acetate
Concen: 1.50 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

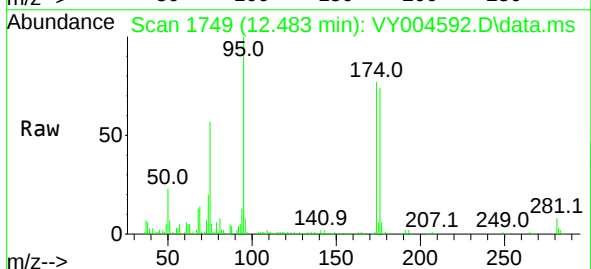
Instrument :
MSVOA_Y
ClientSampled :



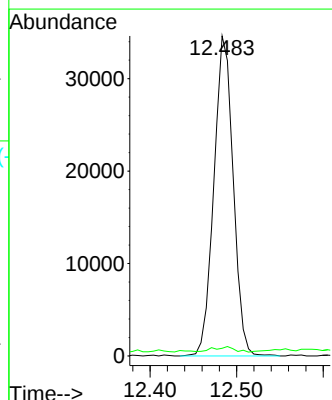
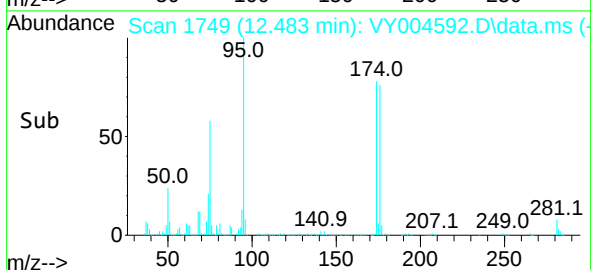
Tgt Ion: 43 Resp: 3885
Ion Ratio Lower Upper
43 100
70 8.2 30.4 45.6#
55 0.0 17.4 26.0#
61 0.0 18.2 27.2#

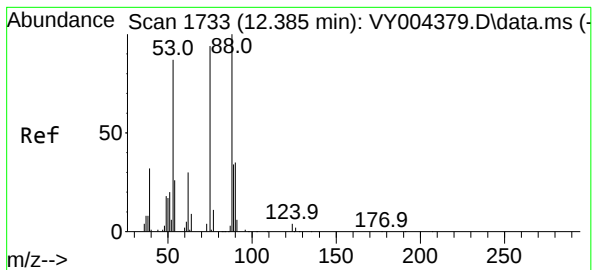


#76
1,2,3-Trichloropropane
Concen: 50.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58



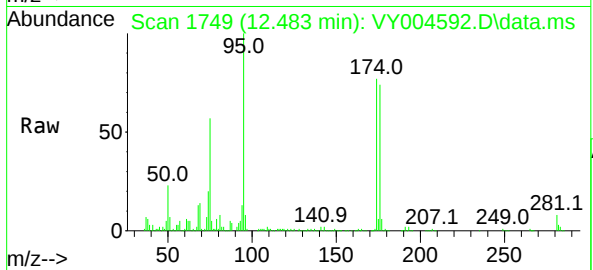
Tgt Ion: 75 Resp: 53642
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.88 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004592.D
 Acq: 22 Apr 2021 17:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 53642
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.0 36.1 54.1#

