

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005073.D
 Acq On : 10 Jun 2021 12:34
 Operator : SY/MD
 Sample : M2666-07
 Misc : 4.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:04:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

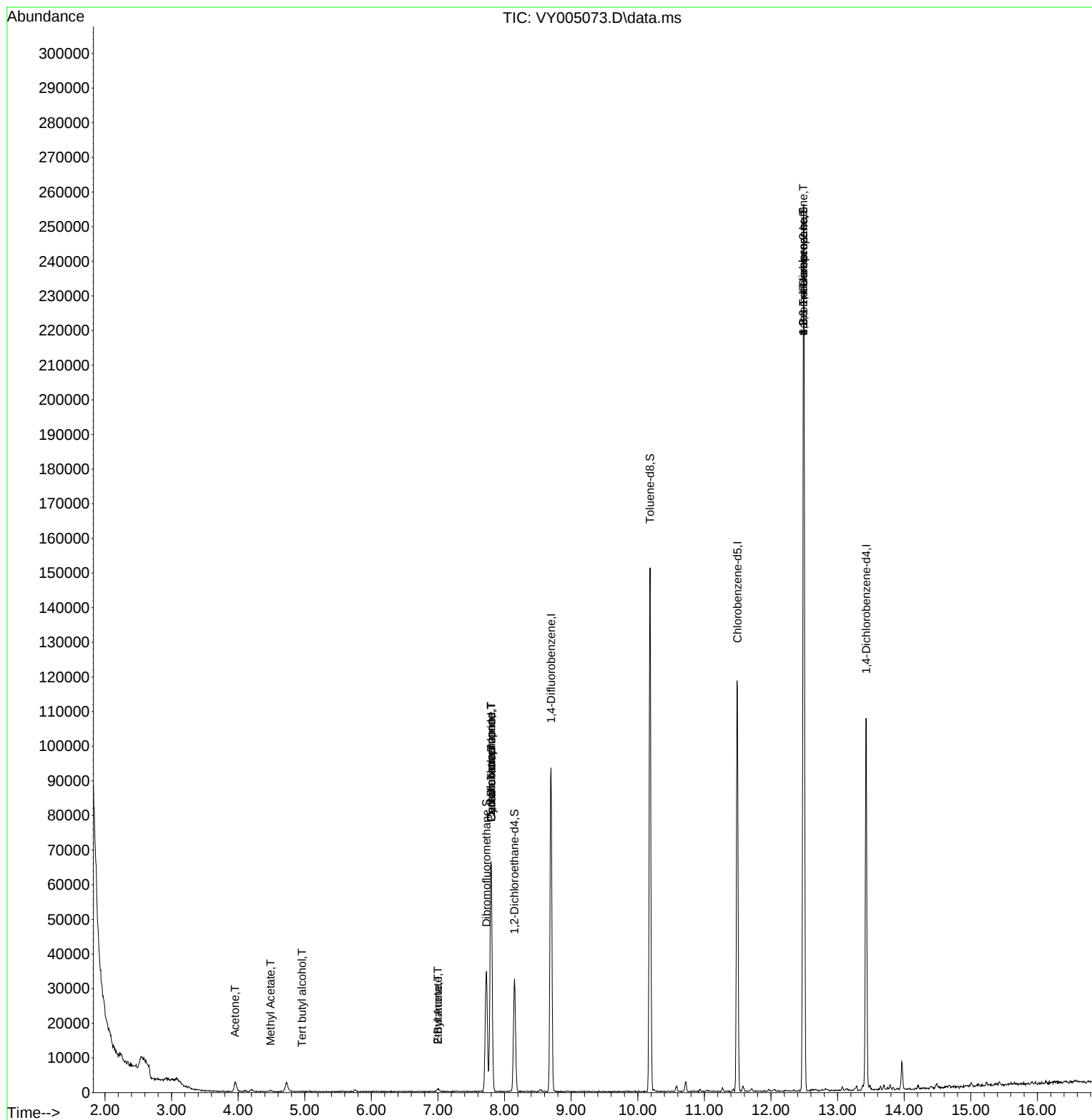
Internal Standards						
1) Pentafluorobenzene	7.801	168	51856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	80048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	66049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	24739	45.127	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.260%			
35) Dibromofluoromethane	7.728	113	24861	57.727	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.460%			
50) Toluene-d8	10.185	98	97788	54.672	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.340%			
62) 4-Bromofluorobenzene	12.483	95	25583	41.589	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	180	2.855	ug/l #	74
16) Acetone	3.954	43	4507	34.152	ug/l #	88
18) Methyl Acetate	4.485	43	780	1.844	ug/l #	59
20) Methylene Chloride	4.716	84	1929	Below Cal	#	72
25) 2-Butanone	6.997	43	1470	6.624	ug/l #	88
31) Cyclohexane	7.801	56	1102	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	4078	5.205	ug/l #	51
37) Ethyl Acetate	6.997	43	1470	2.853	ug/l #	70
38) Carbon Tetrachloride	7.801	117	5217	7.652	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	14726	49.792	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14726	91.506	ug/l #	17

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

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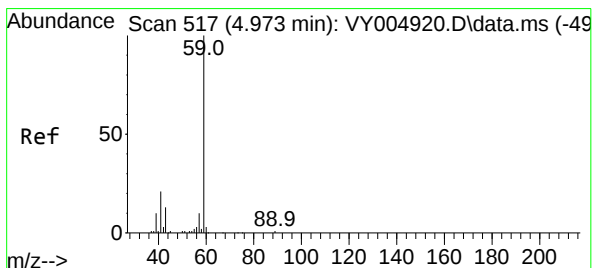
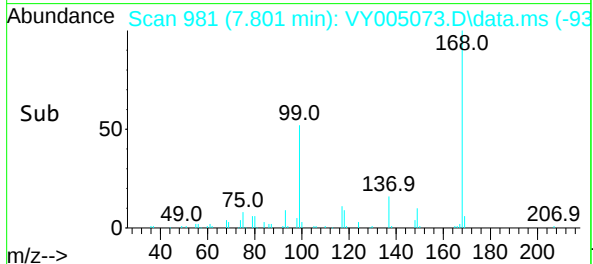
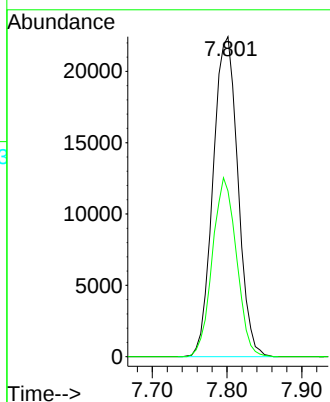
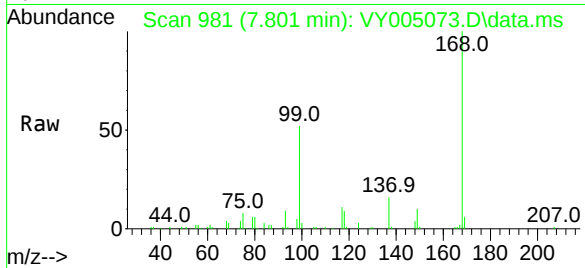




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

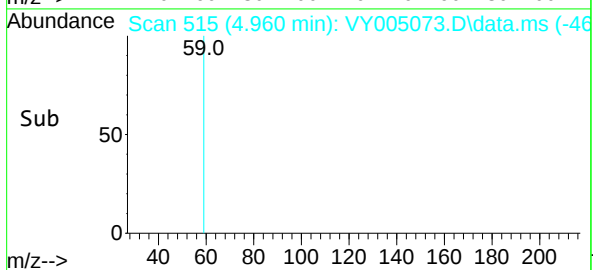
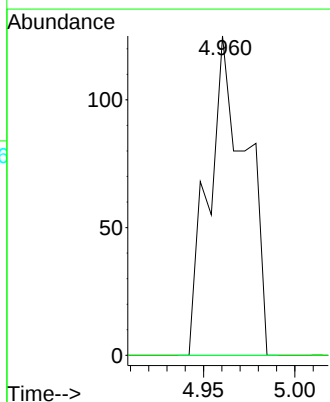
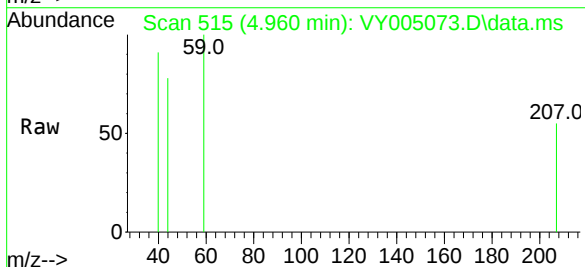
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 51856
Ion Ratio Lower Upper
168 100
99 51.8 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.855 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

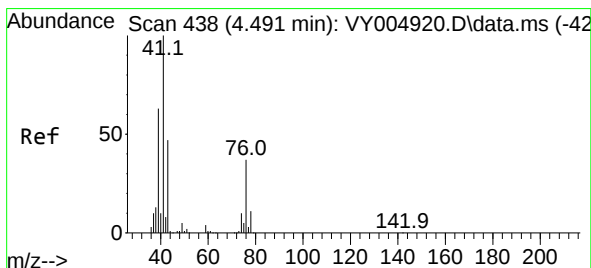
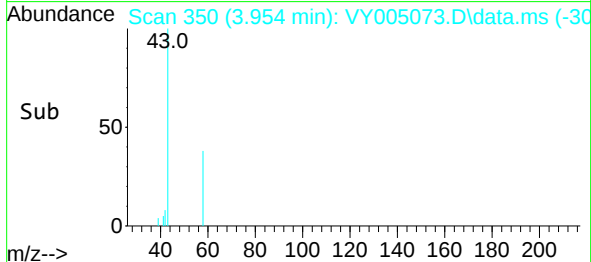
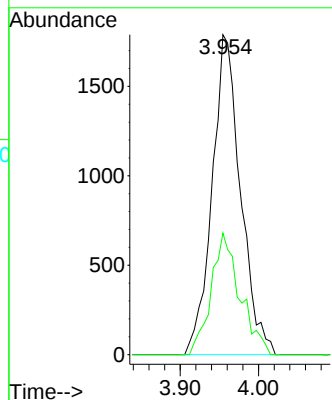
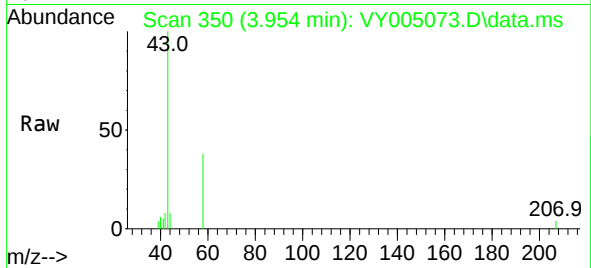




#16
Acetone
Concen: 34.152 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

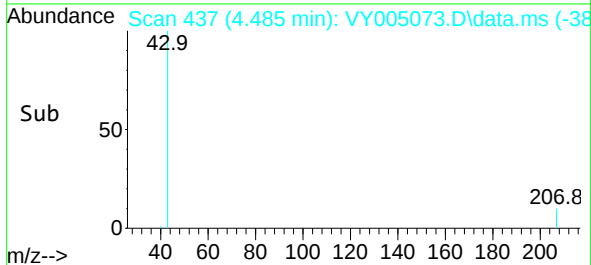
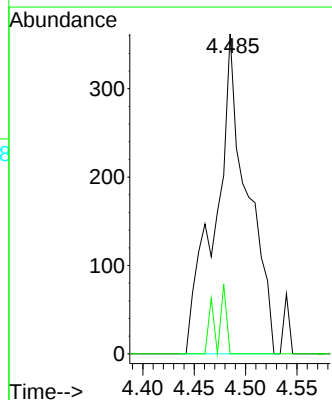
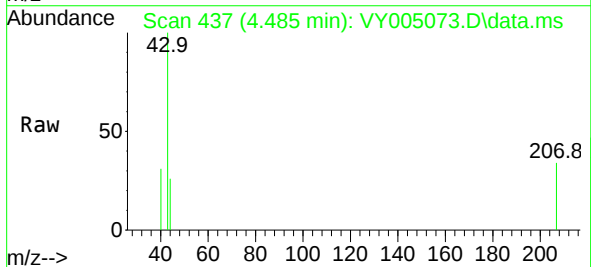
Instrument :
MSVOA_Y
ClientSampled :

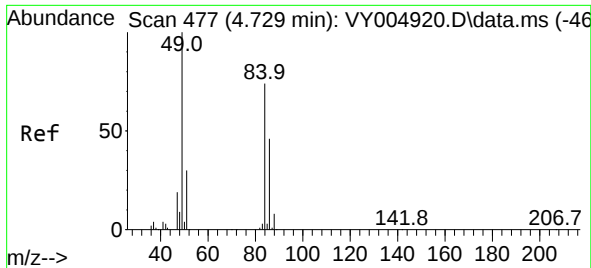
Tgt Ion: 43 Resp: 4507
Ion Ratio Lower Upper
43 100
58 38.0 25.3 37.9#



#18
Methyl Acetate
Concen: 1.844 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

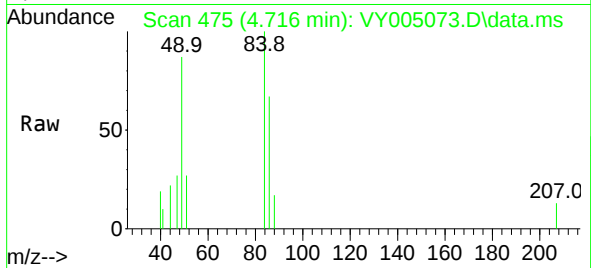
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
74 2.9 18.0 27.0#



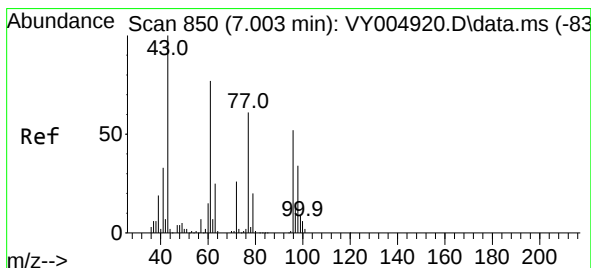
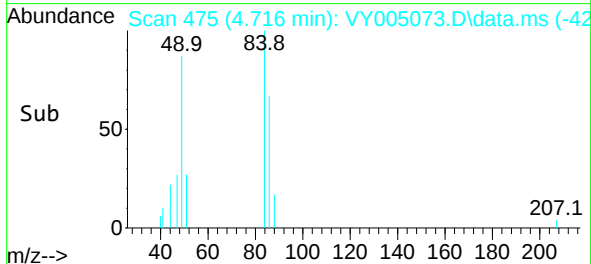
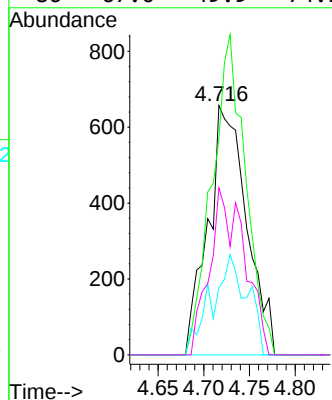


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

Instrument :
MSVOA_Y
ClientSampleId :

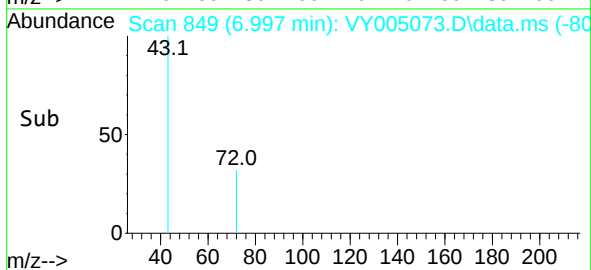
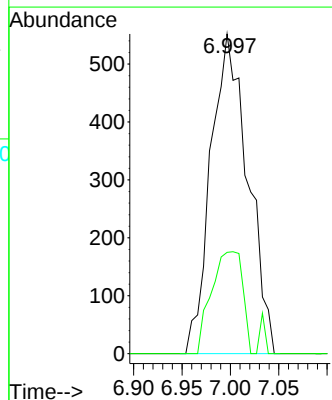
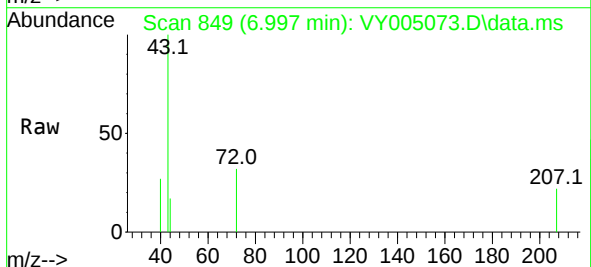


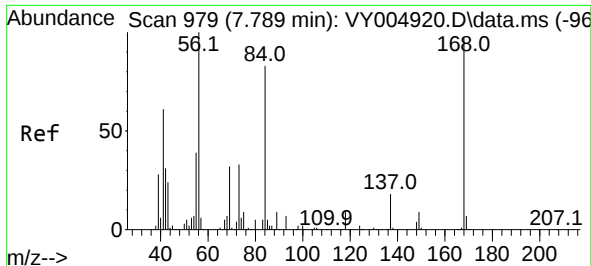
Tgt Ion:	84	Resp:	1929
Ion	Ratio	Lower	Upper
84	100		
49	86.8	108.0	162.0#
51	26.9	32.6	48.8#
86	67.0	49.9	74.9



#25
2-Butanone
Concen: 6.624 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

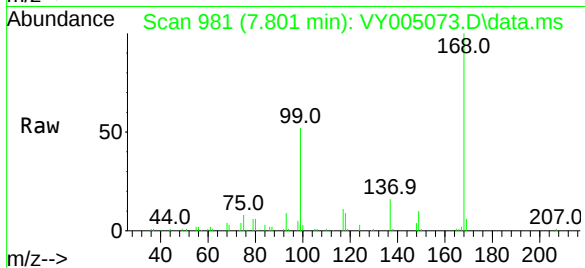
Tgt Ion:	43	Resp:	1470
Ion	Ratio	Lower	Upper
43	100		
72	31.7	20.6	31.0#



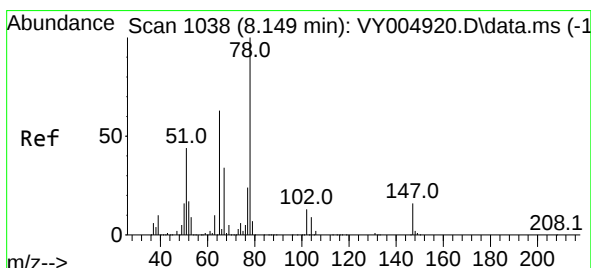
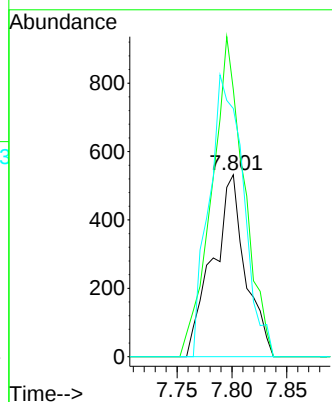
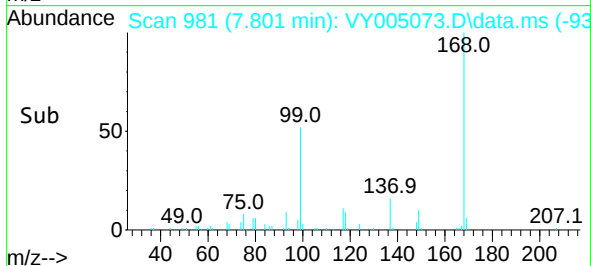


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

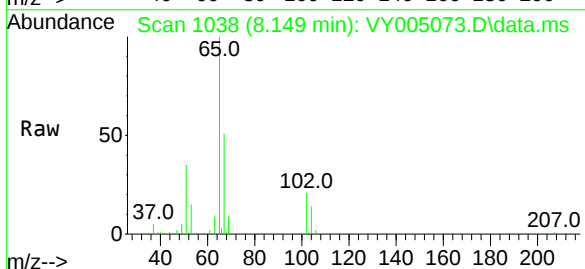
Instrument :
MSVOA_Y
ClientSampleId :



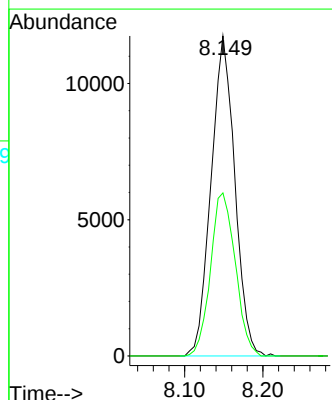
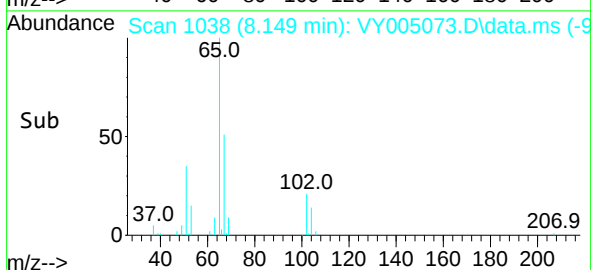
Tgt Ion: 56 Resp: 1102
Ion Ratio Lower Upper
56 100
69 146.8 25.3 37.9#
84 136.5 66.2 99.4#

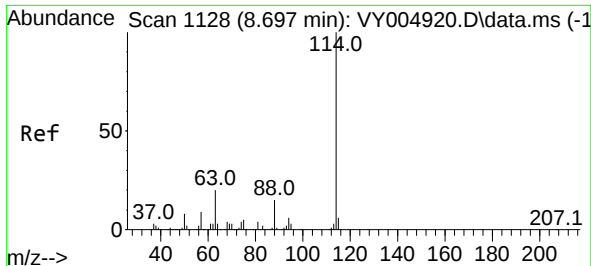


#33
1,2-Dichloroethane-d4
Concen: 45.127 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34



Tgt Ion: 65 Resp: 24739
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6

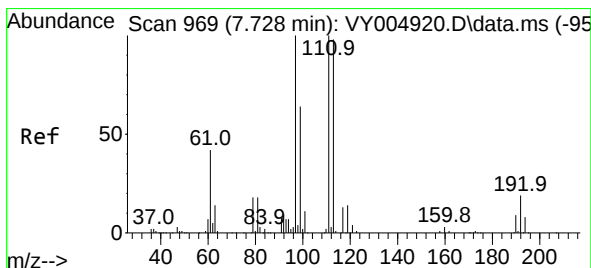
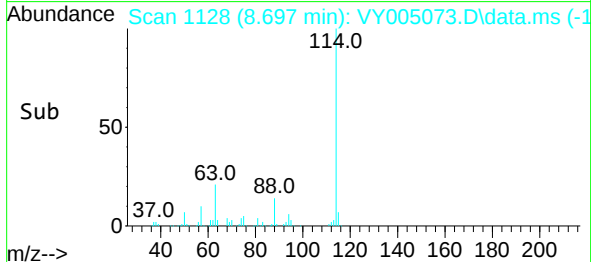
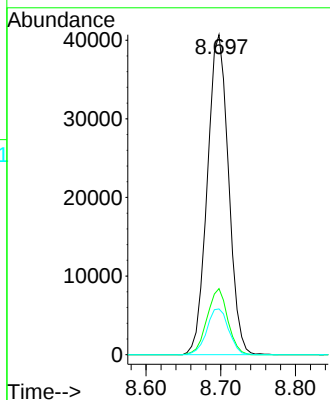
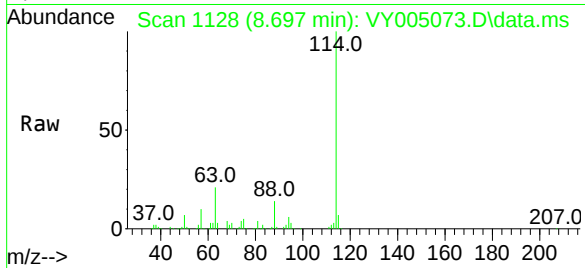




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

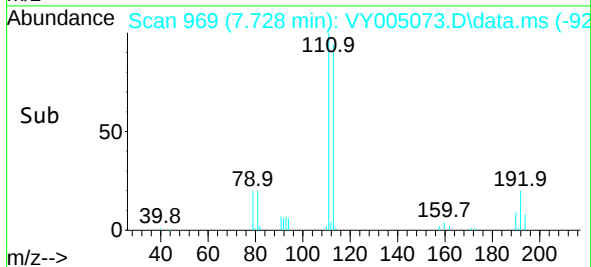
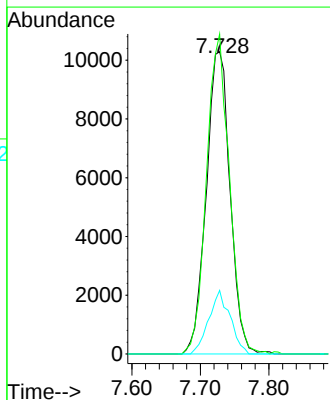
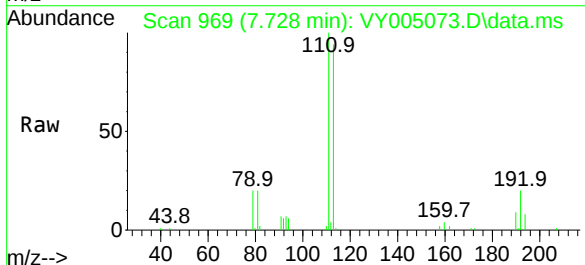
Instrument :
MSVOA_Y
ClientSampleId :

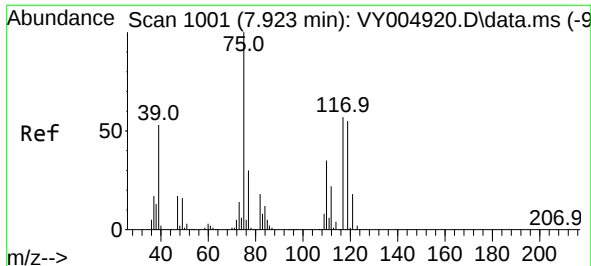
Tgt Ion:114	Resp:	80048
Ion Ratio	Lower	Upper
114	100	
63	20.6	0.0 41.0
88	14.3	0.0 30.6



#35
Dibromofluoromethane
Concen: 57.727 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

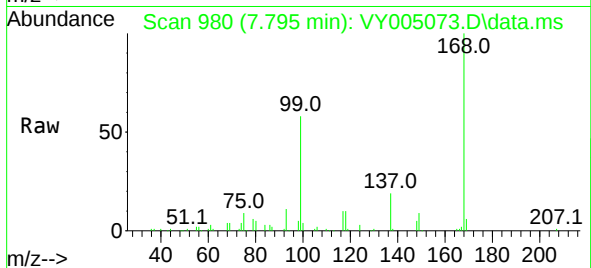
Tgt Ion:113	Resp:	24861
Ion Ratio	Lower	Upper
113	100	
111	101.4	81.8 122.8
192	18.8	15.3 22.9



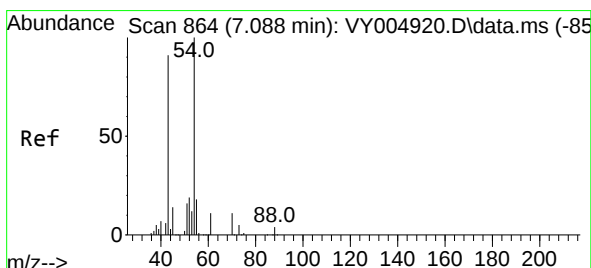
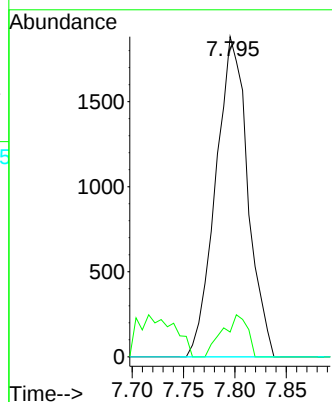
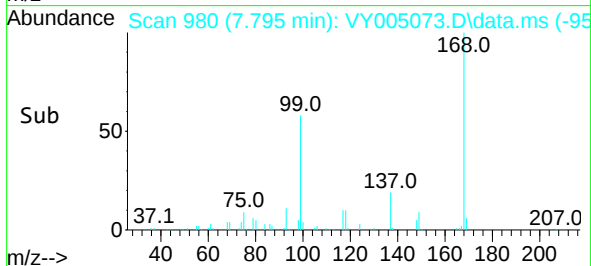


#36
1,1-Dichloropropene
Concen: 5.205 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

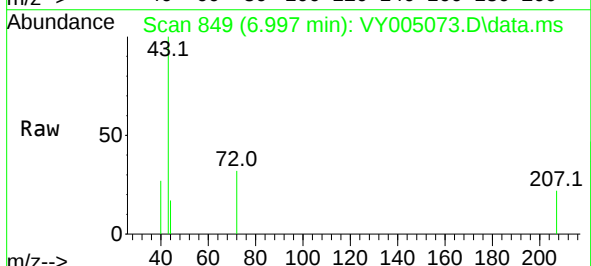
Instrument :
MSVOA_Y
ClientSampleId :



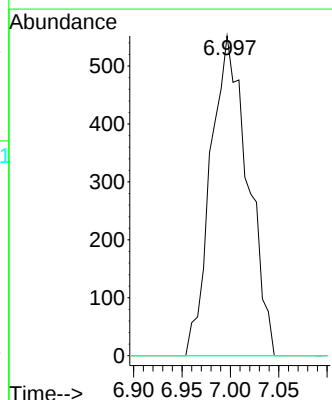
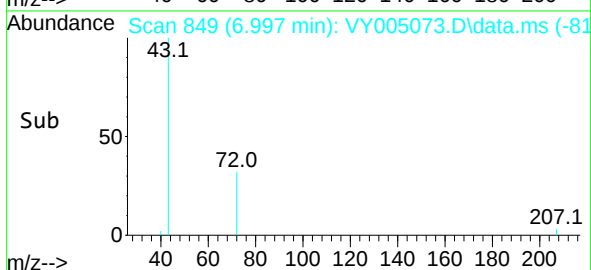
Tgt Ion: 75 Resp: 4078
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 25.1 37.7#

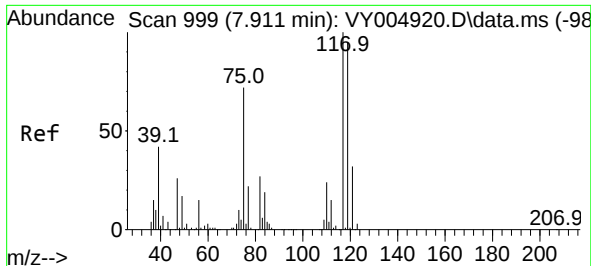


#37
Ethyl Acetate
Concen: 2.853 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.091 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34



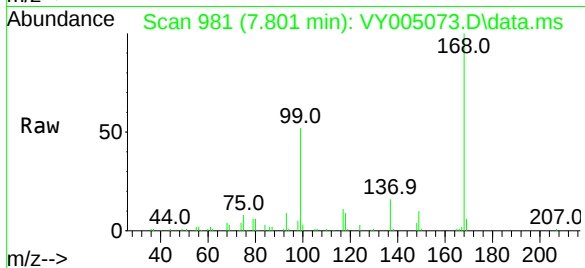
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.9 11.9#



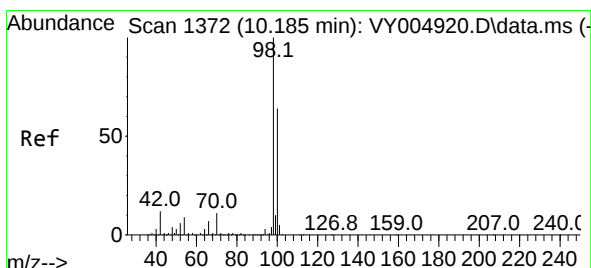
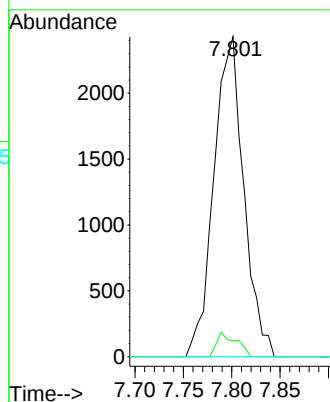
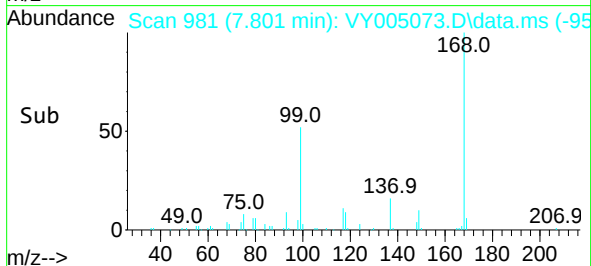


#38
Carbon Tetrachloride
Concen: 7.652 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

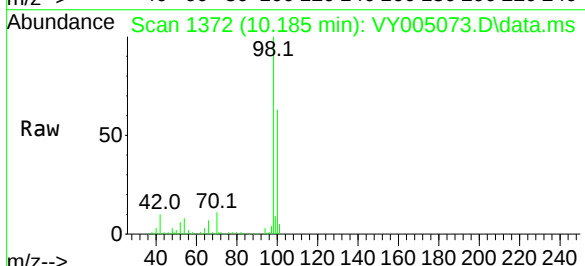
Instrument :
MSVOA_Y
ClientSampleId :



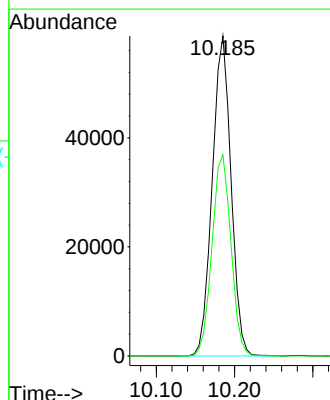
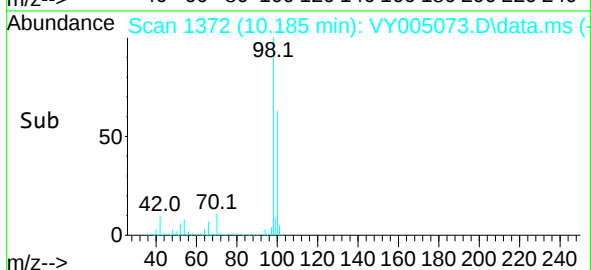
Tgt Ion:117 Resp: 5217
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 25.5 38.3#

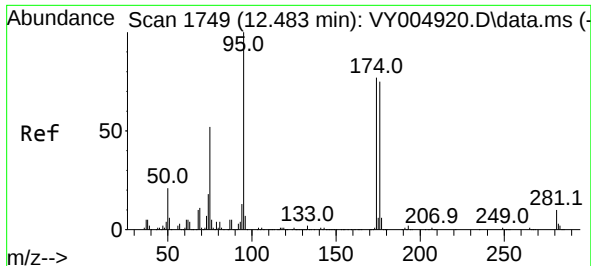


#50
Toluene-d8
Concen: 54.672 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34



Tgt Ion: 98 Resp: 97788
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6

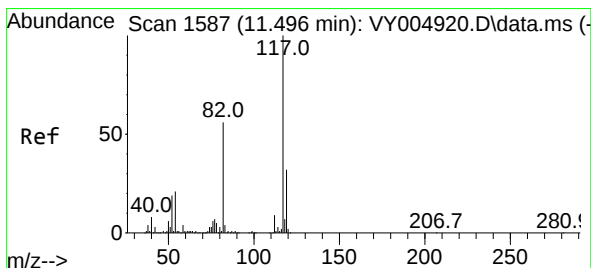
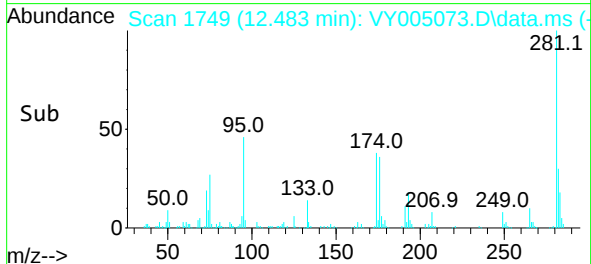
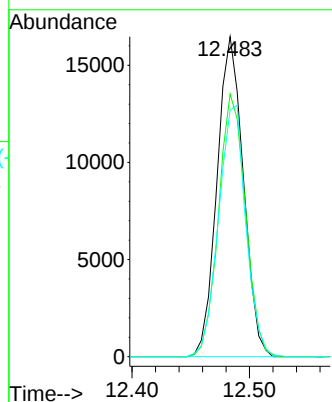
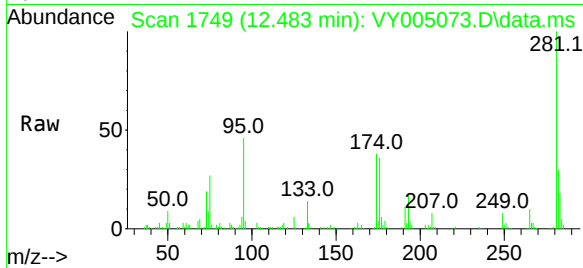




#62
4-Bromofluorobenzene
Concen: 41.589 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

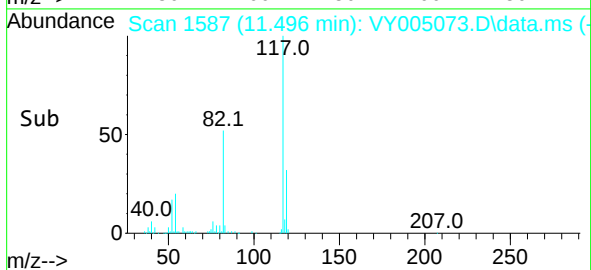
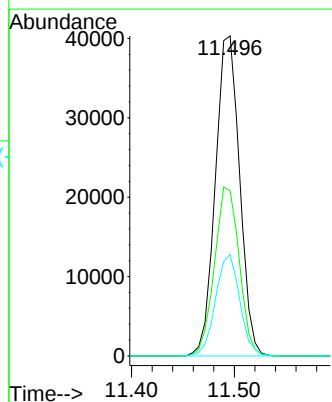
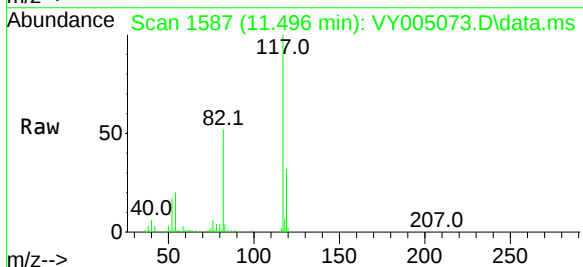
Instrument :
MSVOA_Y
ClientSampleId :

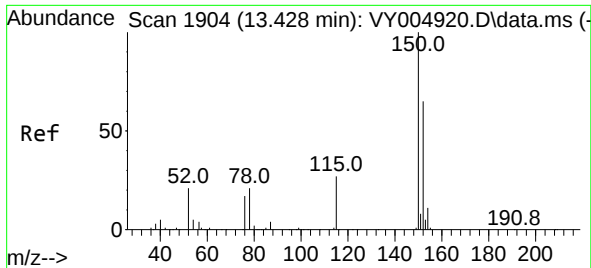
Tgt Ion: 95 Resp: 25583
Ion Ratio Lower Upper
95 100
174 84.0 0.0 160.8
176 81.6 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

Tgt Ion: 117 Resp: 66049
Ion Ratio Lower Upper
117 100
82 51.6 44.8 67.2
119 31.7 25.2 37.8

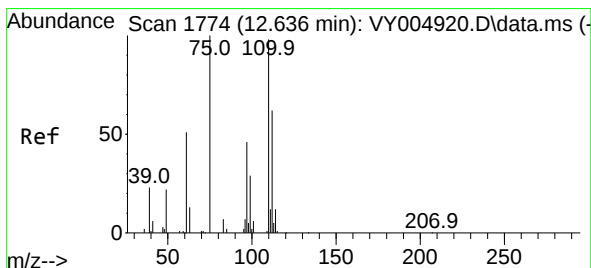
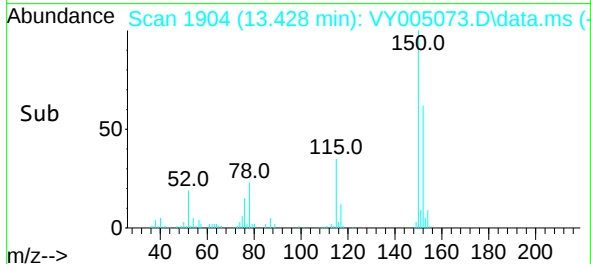
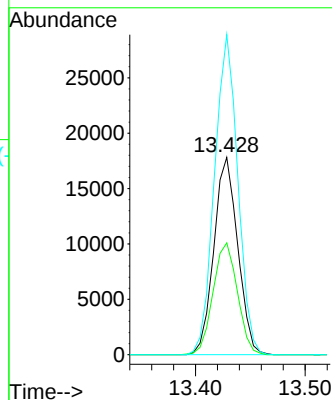
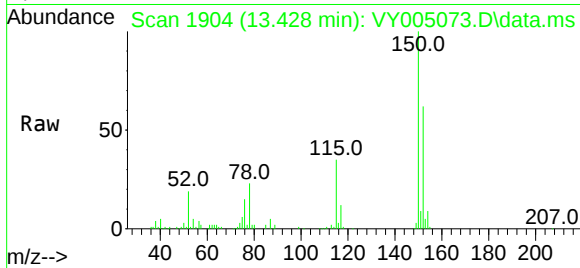




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

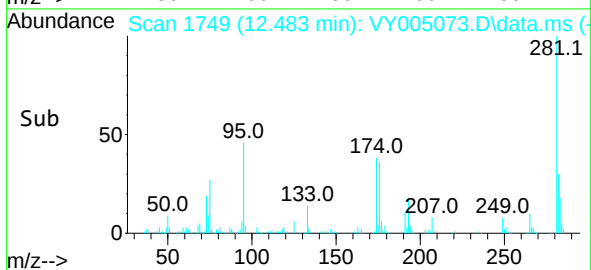
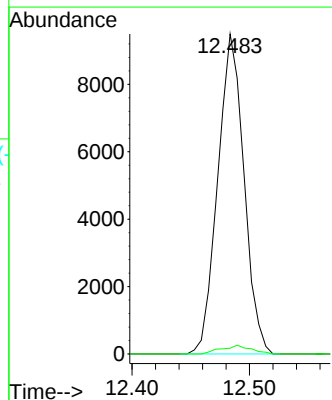
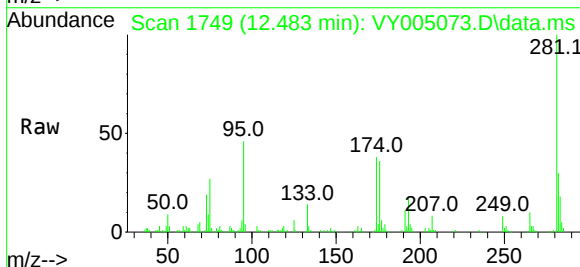
Instrument :
MSVOA_Y
ClientSampleId :

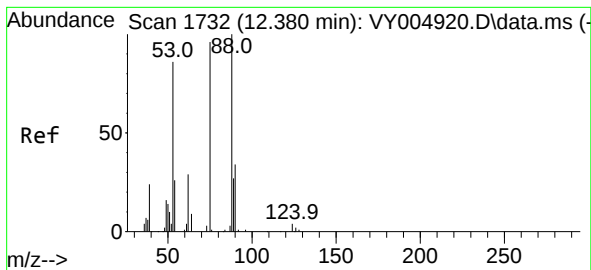
Tgt Ion:152 Resp: 26980
Ion Ratio Lower Upper
152 100
115 57.8 29.9 89.7
150 158.3 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 49.792 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

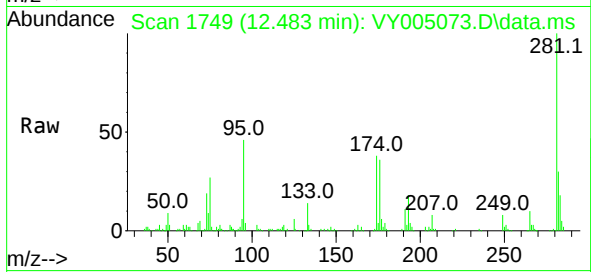
Tgt Ion: 75 Resp: 14726
Ion Ratio Lower Upper
75 100
77 3.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.506 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005073.D
Acq: 10 Jun 2021 12:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 14726
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 4.3 35.0 52.6#

