

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005024.D
 Acq On : 08 Jun 2021 15:49
 Operator : SY/MD
 Sample : M2625-15
 Misc : 7.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:50:44 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)

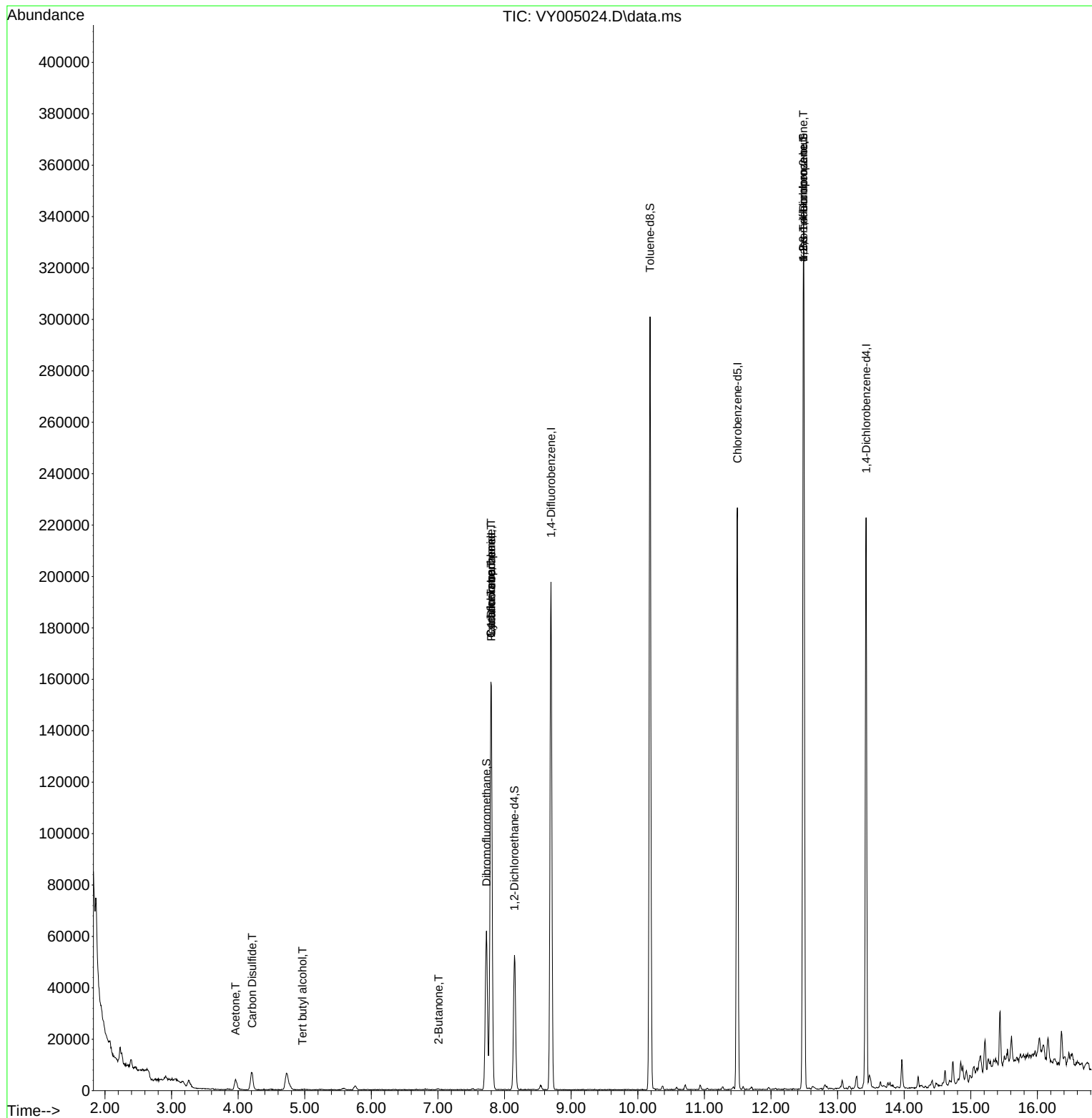
Internal Standards						
1) Pentafluorobenzene	7.801	168	121682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	163580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	122974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40335	31.355	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.720%
35) Dibromofluoromethane	7.728	113	43782	49.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.185	98	195286	53.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.483	95	50551	40.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	241	1.629	ug/l #	74
13) Acrolein	3.735	56	41	Below Cal	#	15
16) Acetone	3.960	43	6974	22.521	ug/l	98
17) Carbon Disulfide	4.210	76	13874	3.608	ug/l	99
20) Methylene Chloride	4.723	84	4715	Below Cal		91
25) 2-Butanone	7.009	43	543	1.043	ug/l #	49
31) Cyclohexane	7.795	56	2847	1.257	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	10403	6.498	ug/l #	48
38) Carbon Tetrachloride	7.795	117	12129	8.706	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	28608	47.186	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28608	86.717	ug/l #	16

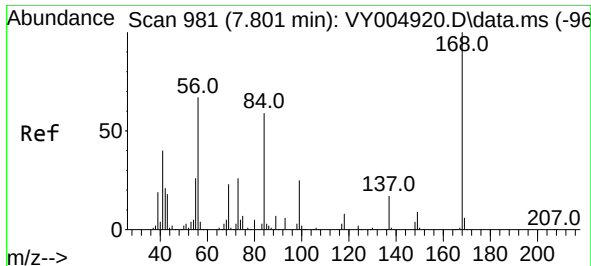
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

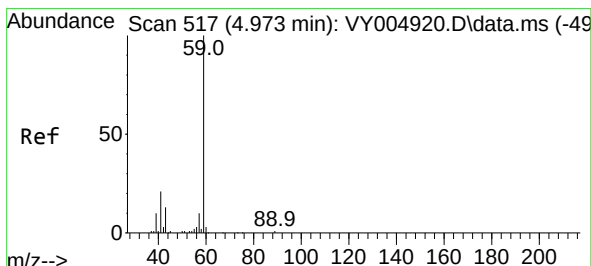
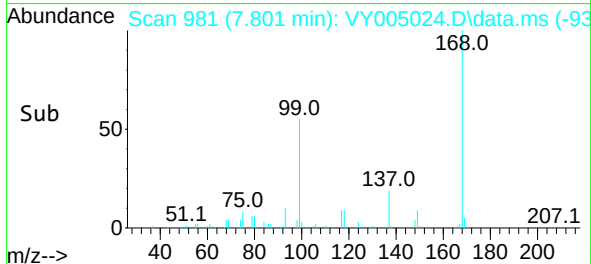
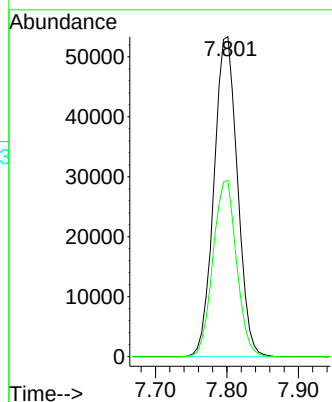
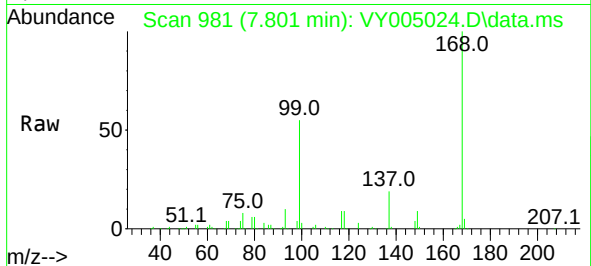




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

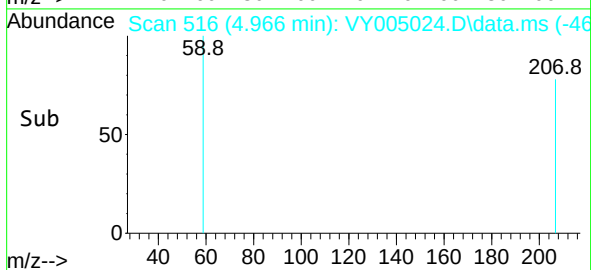
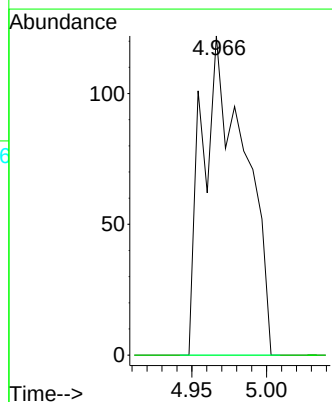
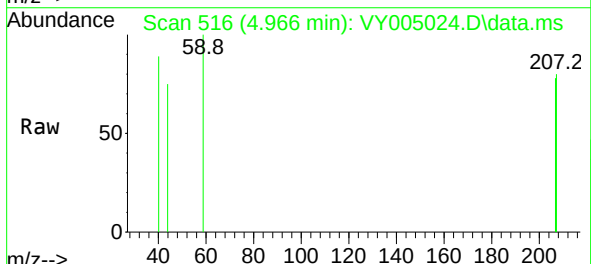
Instrument :
MSVOA_Y
ClientSampleId :

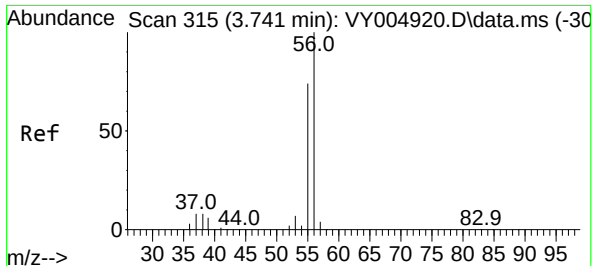
Tgt Ion:168 Resp: 121682
Ion Ratio Lower Upper
168 100
99 55.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.629 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

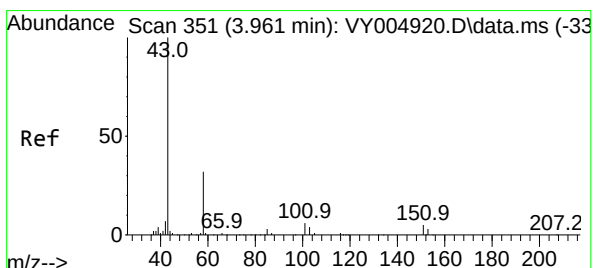
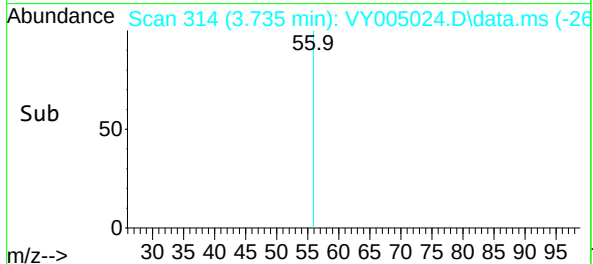
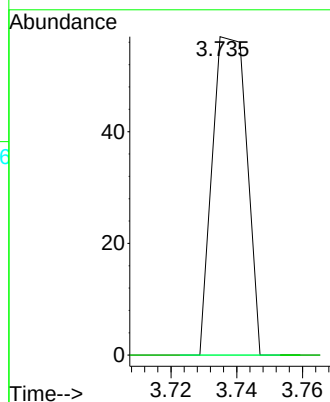
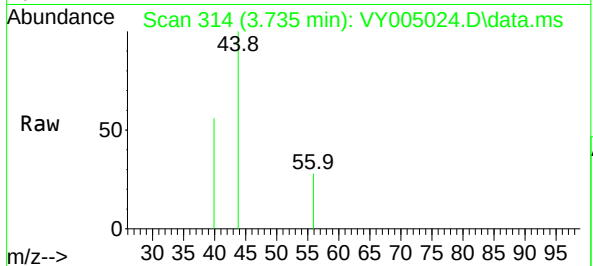




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

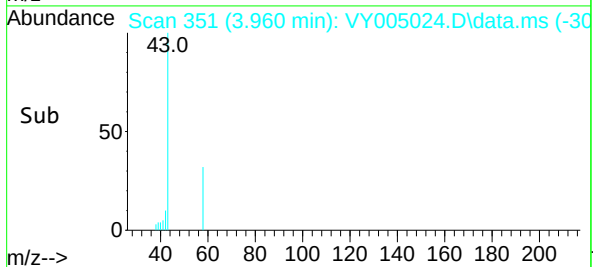
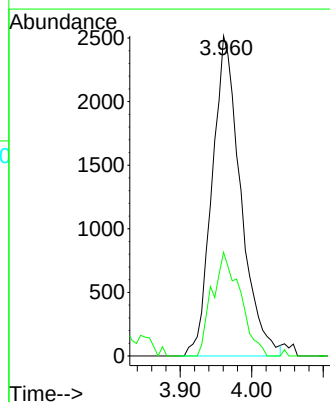
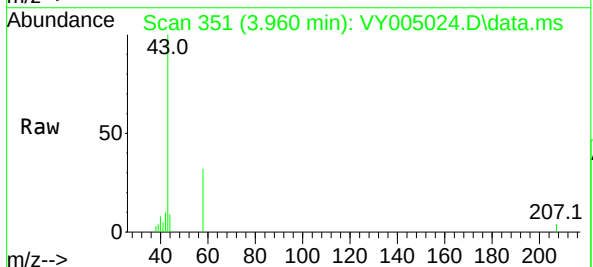
Instrument :
MSVOA_Y
ClientSampled :

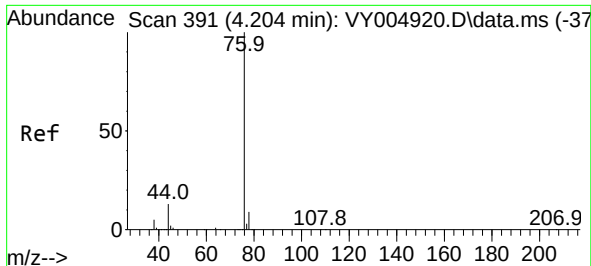
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 22.521 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

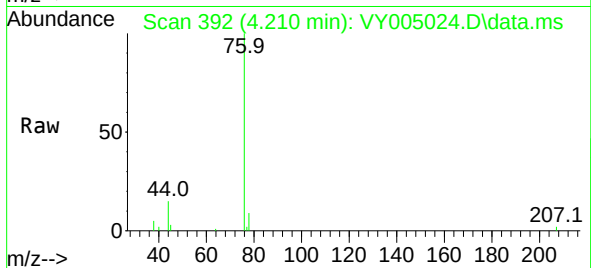
Tgt Ion: 43 Resp: 6974
Ion Ratio Lower Upper
43 100
58 32.4 25.3 37.9



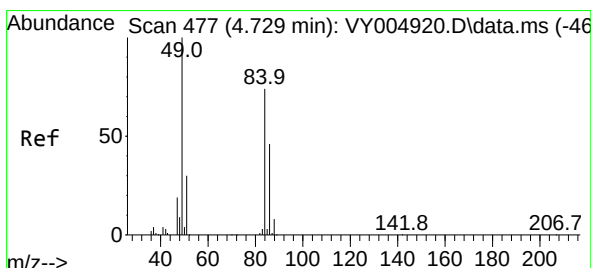
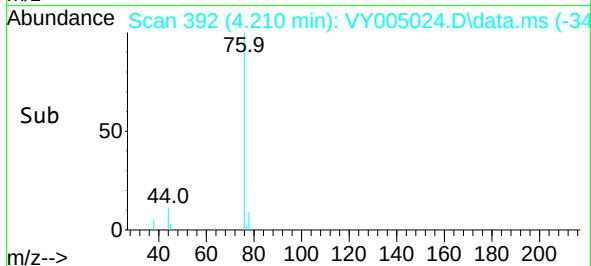
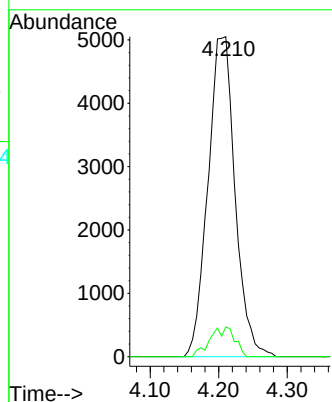


#17
Carbon Disulfide
Concen: 3.608 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

Instrument :
MSVOA_Y
ClientSampled :

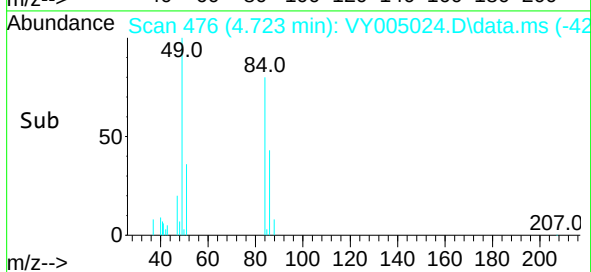
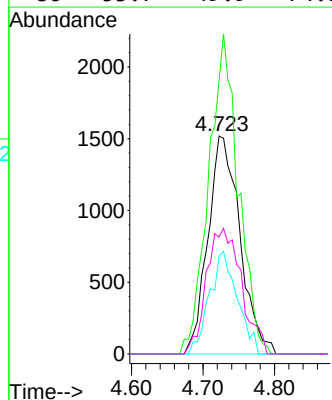
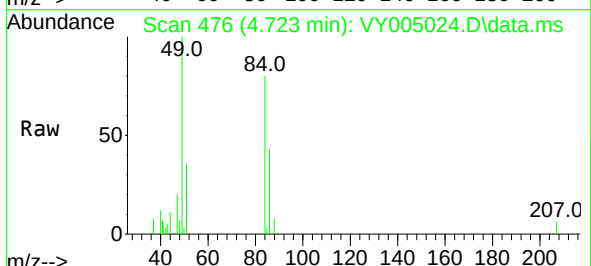


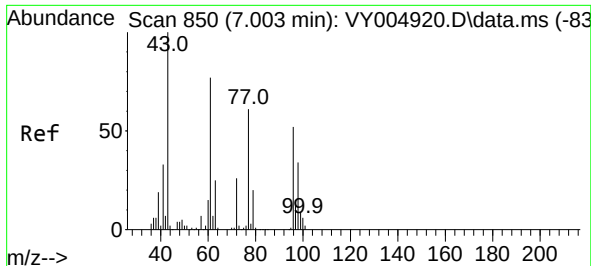
Tgt Ion: 76 Resp: 13874
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

Tgt Ion: 84 Resp: 4715
Ion Ratio Lower Upper
84 100
49 125.5 108.0 162.0
51 44.8 32.6 48.8
86 53.7 49.9 74.9

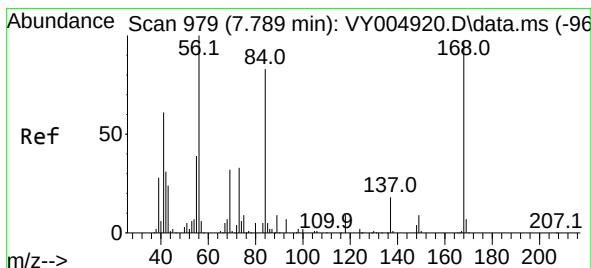
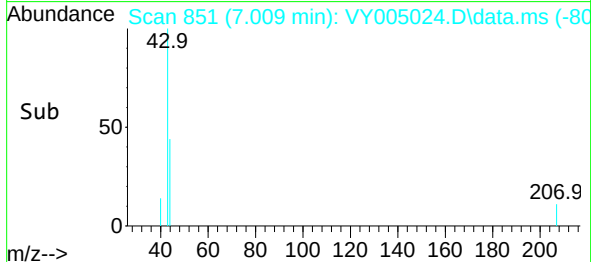
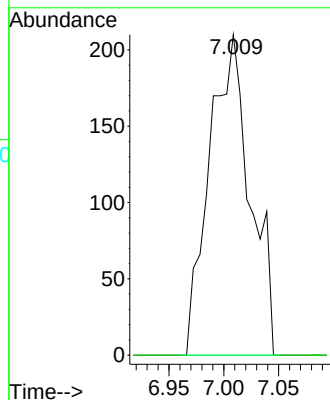
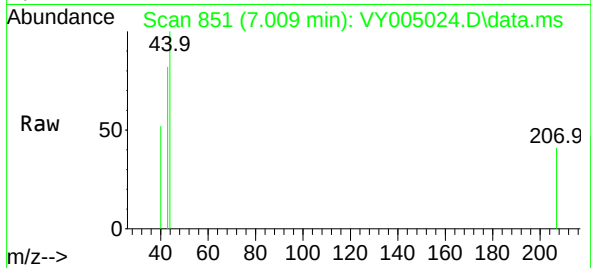




#25
2-Butanone
Concen: 1.043 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

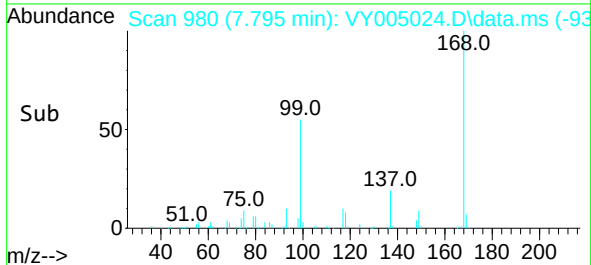
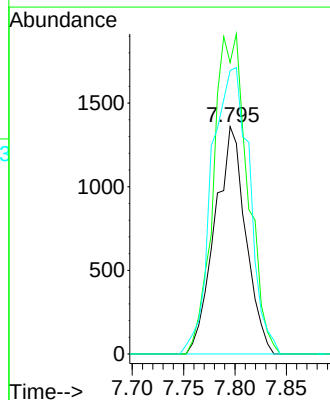
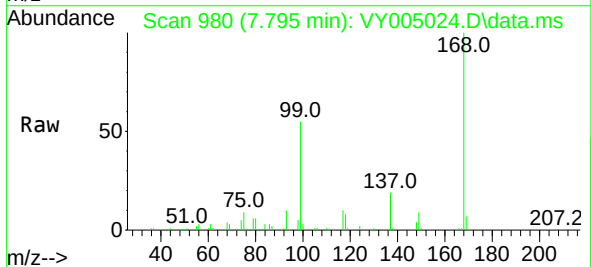
Instrument :
MSVOA_Y
ClientSampled :

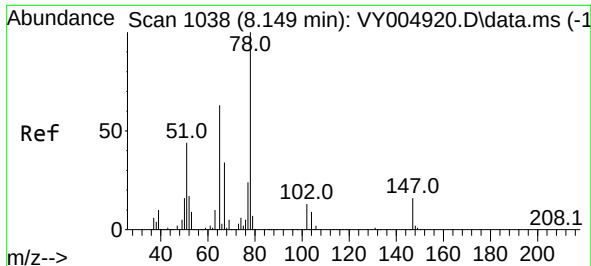
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

Tgt Ion: 56 Resp: 2847
Ion Ratio Lower Upper
56 100
69 128.2 25.3 37.9#
84 124.7 66.2 99.4#

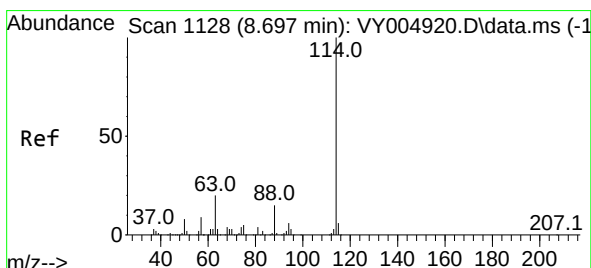
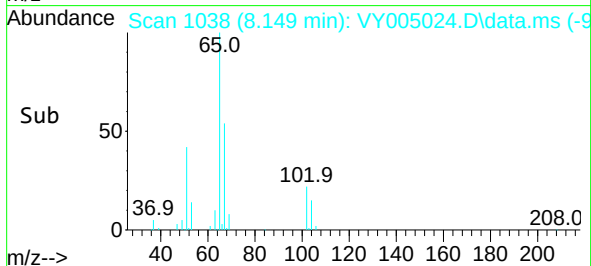
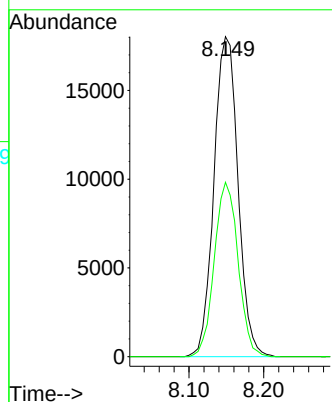
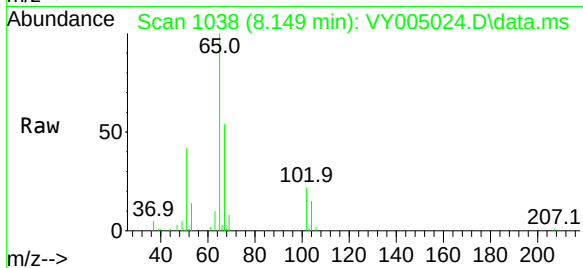




#33
1,2-Dichloroethane-d4
Concen: 31.355 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

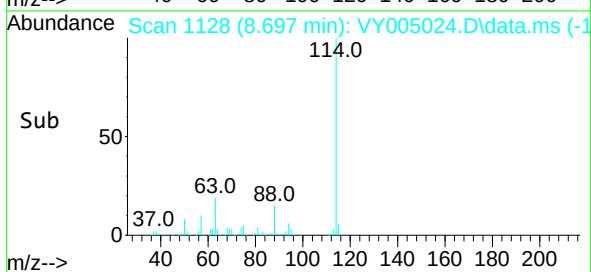
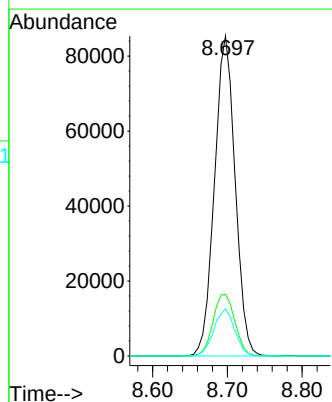
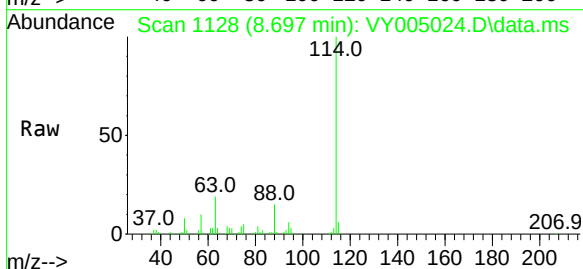
Instrument :
MSVOA_Y
ClientSampled :

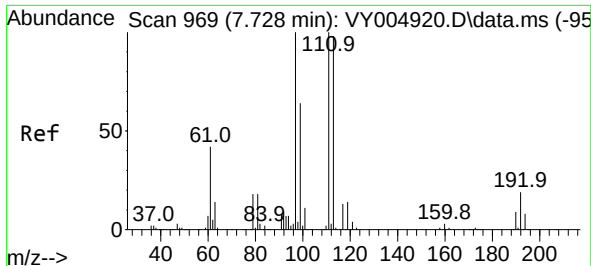
Tgt Ion: 65 Resp: 40335
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

Tgt Ion: 114 Resp: 163580
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.0
88 14.7 0.0 30.6

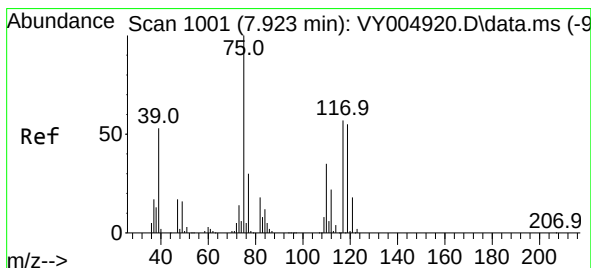
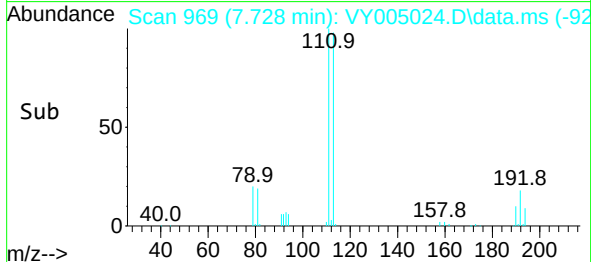
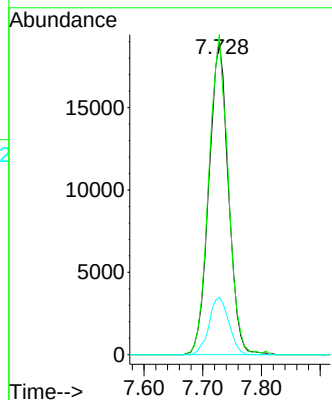
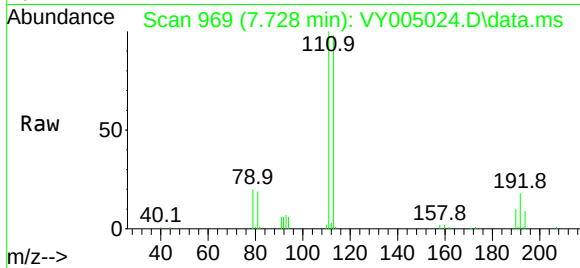




#35
Dibromofluoromethane
Concen: 49.748 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

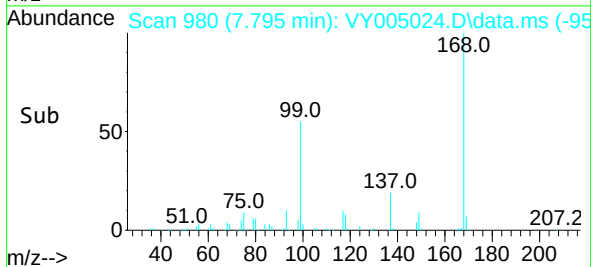
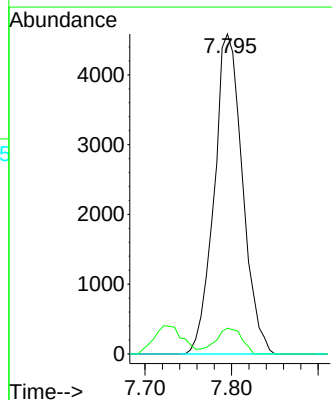
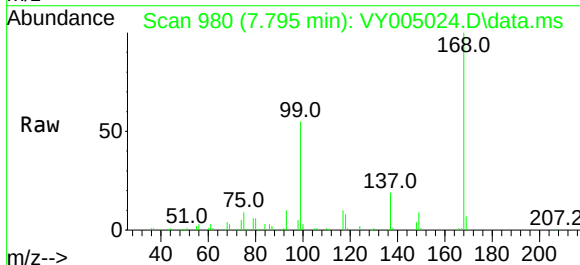
Instrument :
MSVOA_Y
ClientSampleId :

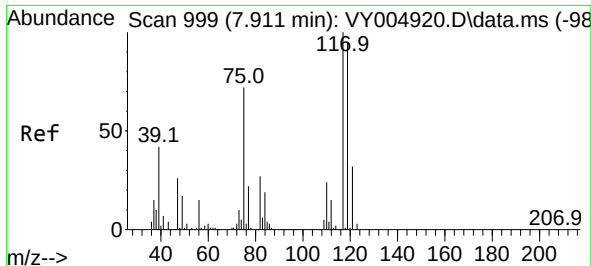
Tgt Ion:	113	Resp:	43782
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	18.6	15.3	22.9



#36
1,1-Dichloropropene
Concen: 6.498 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

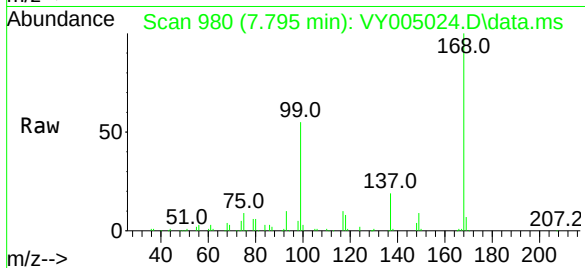
Tgt Ion:	75	Resp:	10403
Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.5	52.5#
77	0.0	25.1	37.7#



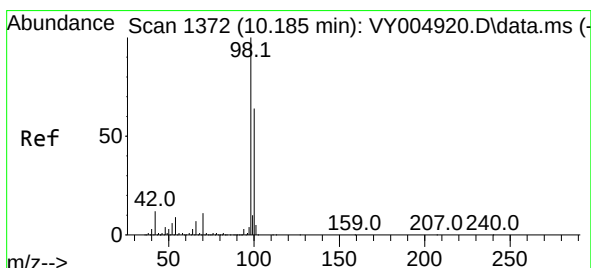
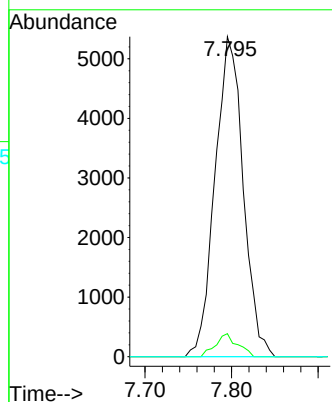
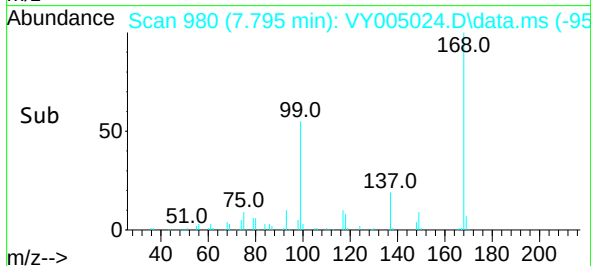


#38
Carbon Tetrachloride
Concen: 8.706 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

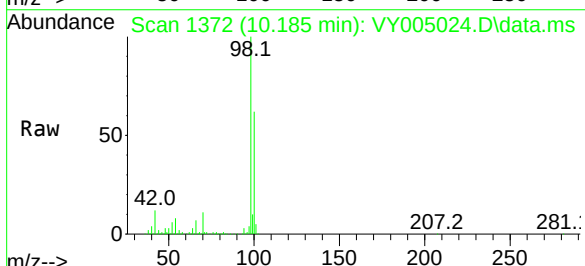
Instrument :
MSVOA_Y
ClientSampleId :



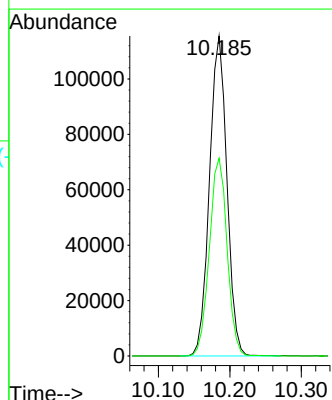
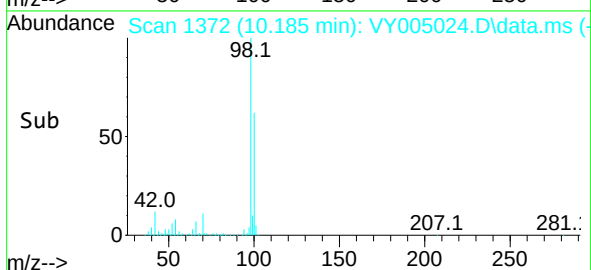
Tgt Ion:117 Resp: 12129
Ion Ratio Lower Upper
117 100
119 7.2 76.1 114.1#
121 0.0 25.5 38.3#

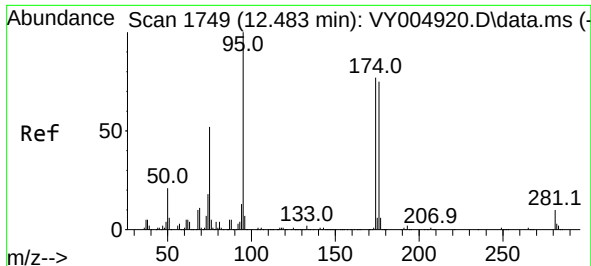


#50
Toluene-d8
Concen: 53.428 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49



Tgt Ion: 98 Resp: 195286
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.6

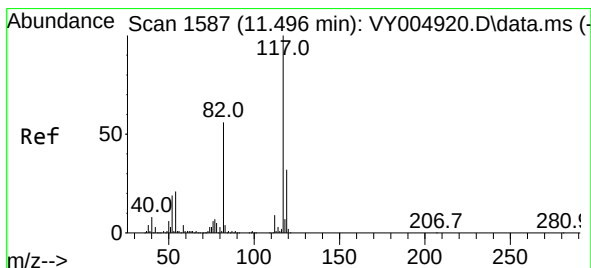
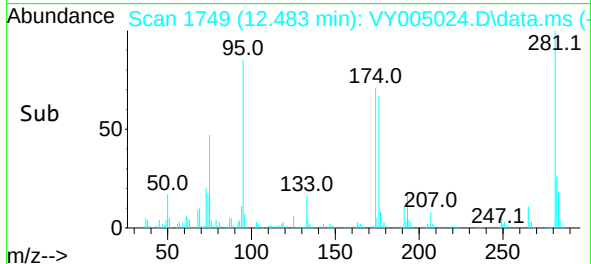
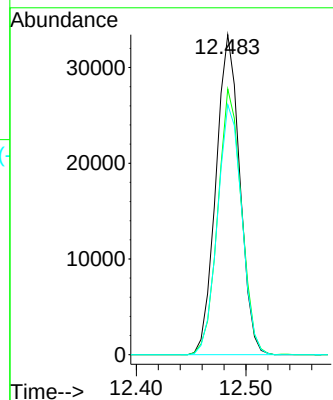
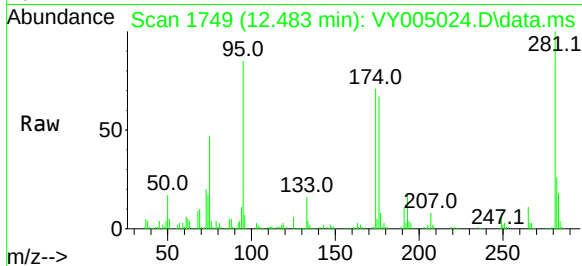




#62
4-Bromofluorobenzene
Concen: 40.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

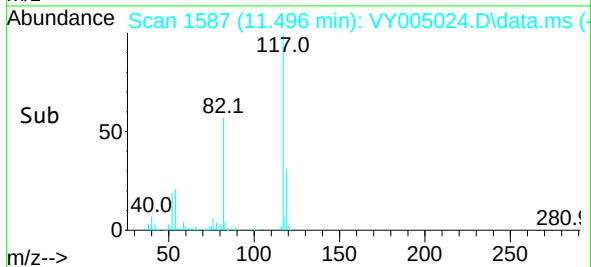
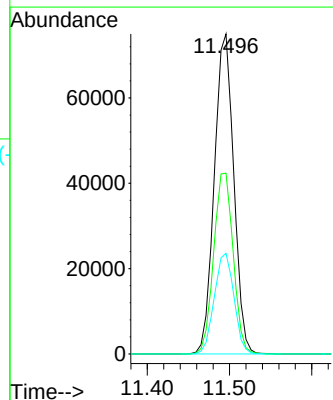
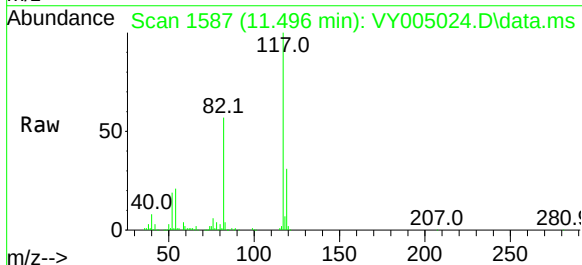
Instrument :
MSVOA_Y
ClientSampleId :

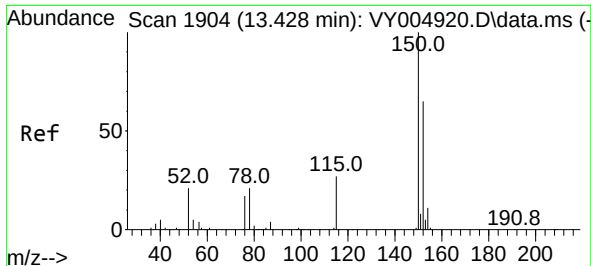
Tgt Ion:	95	Resp:	50551
Ion Ratio	Lower	Upper	
95	100		
174	82.2	0.0	160.8
176	79.6	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

Tgt Ion:	117	Resp:	122974
Ion Ratio	Lower	Upper	
117	100		
82	56.5	44.8	67.2
119	31.4	25.2	37.8

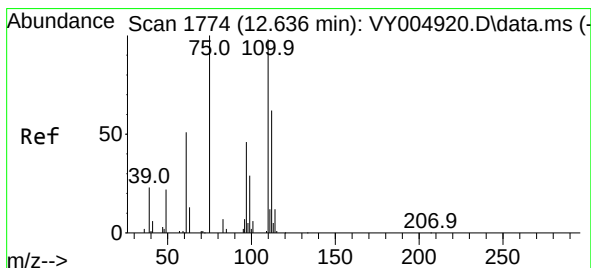
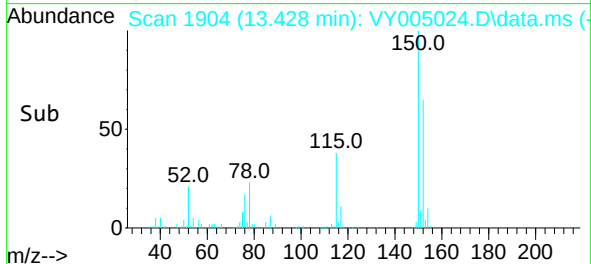
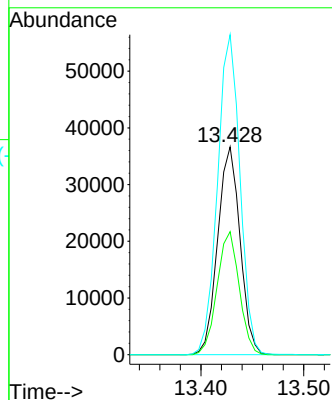
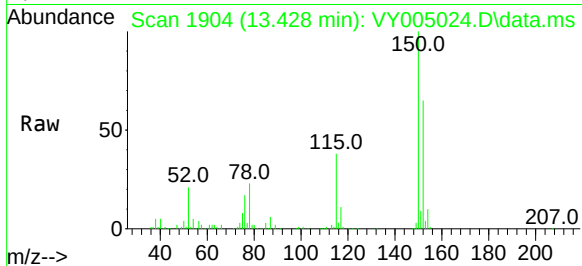




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

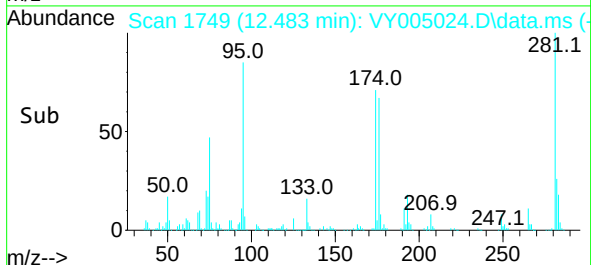
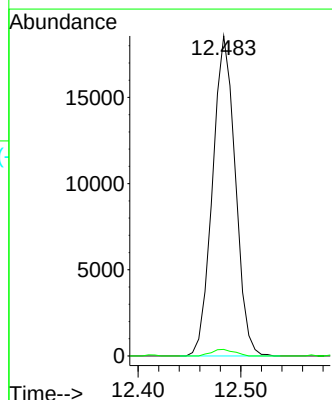
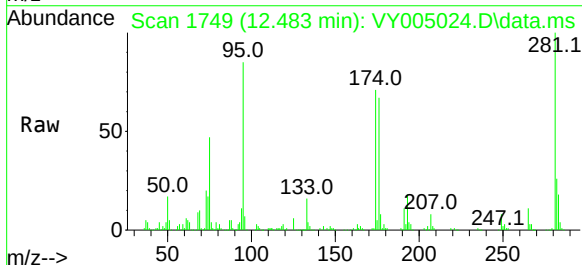
Instrument :
MSVOA_Y
ClientSampleId :

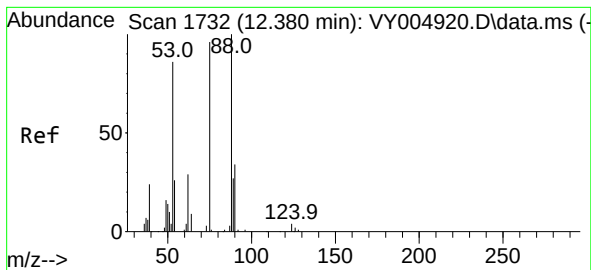
Tgt Ion:152 Resp: 55308
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.7
150 154.8 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 47.186 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005024.D
Acq: 08 Jun 2021 15:49

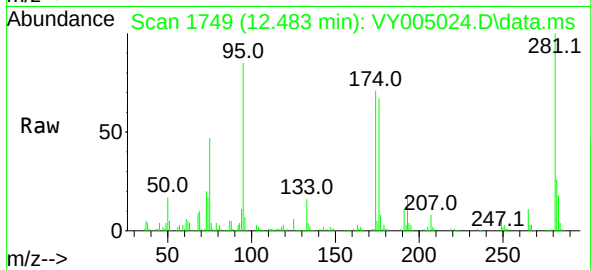
Tgt Ion: 75 Resp: 28608
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.717 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005024.D
 Acq: 08 Jun 2021 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	28608
Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.3	103.9#
89	2.5	35.0	52.6#

