

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004979.D
 Acq On : 04 Jun 2021 20:56
 Operator : SY/MD
 Sample : M2612-05
 Misc : 10.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(22-26)

Quant Time: Jun 05 01:37:28 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)

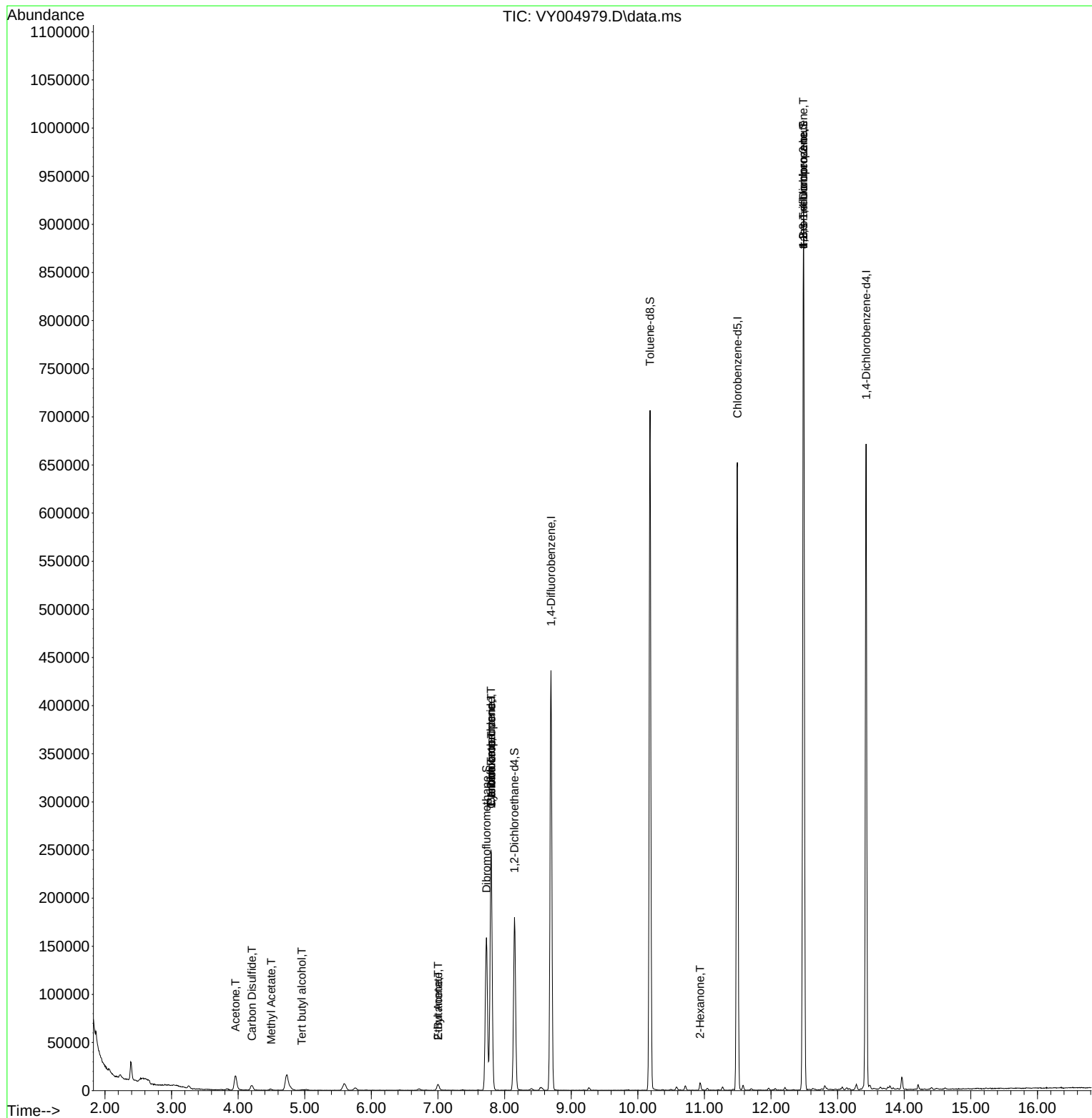
Internal Standards						
1) Pentafluorobenzene	7.795	168	188805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	353332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	133080	66.673	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.340%			
35) Dibromofluoromethane	7.728	113	112351	57.759	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.520%			
50) Toluene-d8	10.185	98	452554	56.019	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.040%			
62) 4-Bromofluorobenzene	12.483	95	158967	57.216	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.440%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	1433	6.243	ug/l #	74
13) Acrolein	3.741	56	420	Below Cal	#	82
16) Acetone	3.960	43	26402	54.948	ug/l	91
17) Carbon Disulfide	4.204	76	9586	1.607	ug/l	98
18) Methyl Acetate	4.497	43	2320	1.507	ug/l	94
20) Methylene Chloride	4.734	84	11464	Below Cal	#	86
25) 2-Butanone	7.002	43	11242	13.914	ug/l	93
31) Cyclohexane	7.801	56	4230	1.204	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	15791	4.463	ug/l #	49
37) Ethyl Acetate	7.002	43	11242	4.830	ug/l #	70
38) Carbon Tetrachloride	7.795	117	19499	6.332	ug/l #	15
59) 2-Hexanone	10.934	43	2224	1.502	ug/l #	36
76) 1,2,3-Trichloropropane	12.483	75	89995	51.508	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	89995	94.660	ug/l #	16

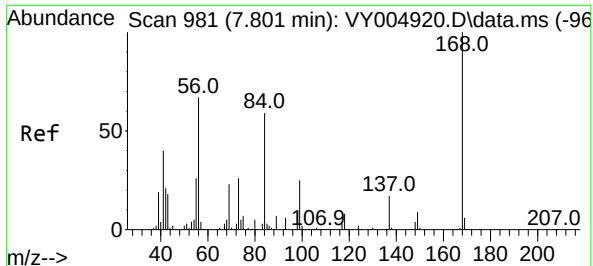
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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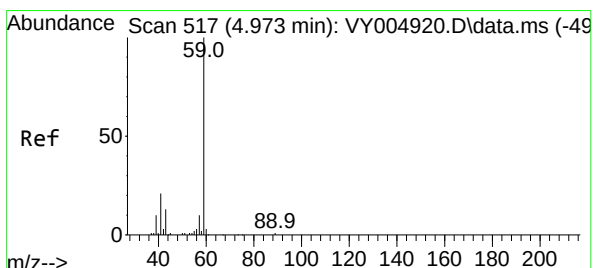
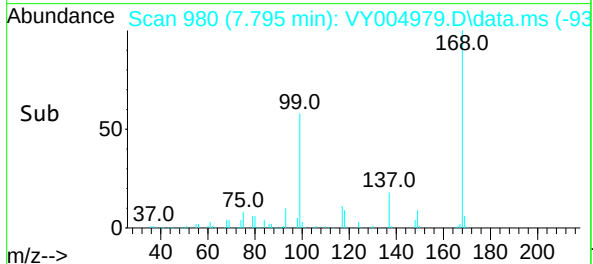
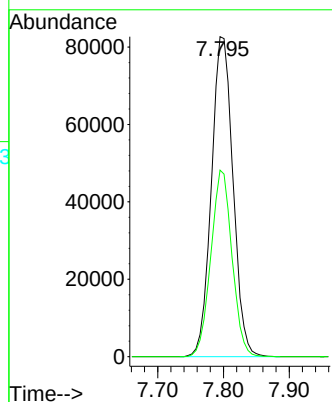
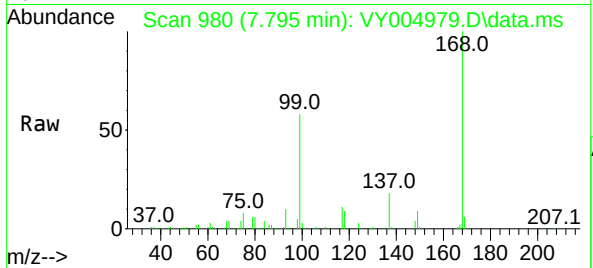




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

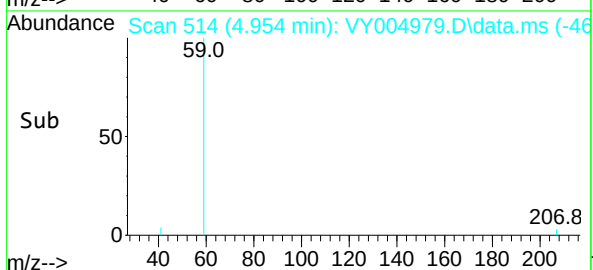
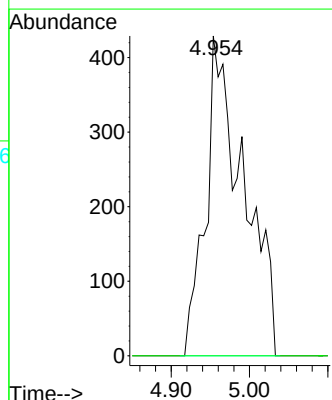
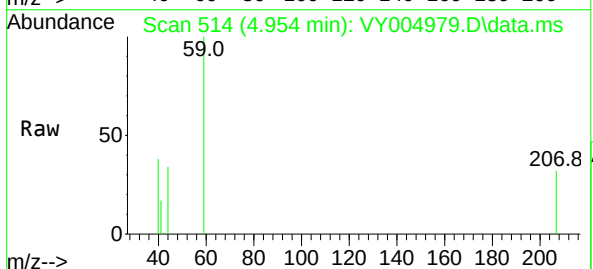
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(22-26)

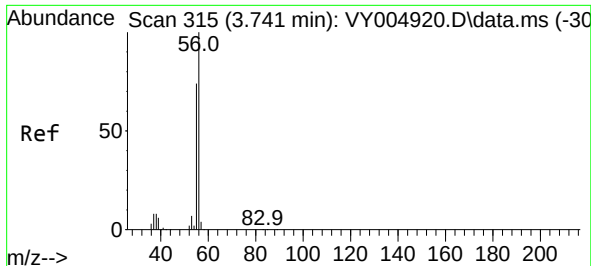
Tgt Ion:168 Resp: 188805
Ion Ratio Lower Upper
168 100
99 58.3 43.9 65.9



#11
Tert butyl alcohol
Concen: 6.243 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Tgt Ion: 59 Resp: 1433
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

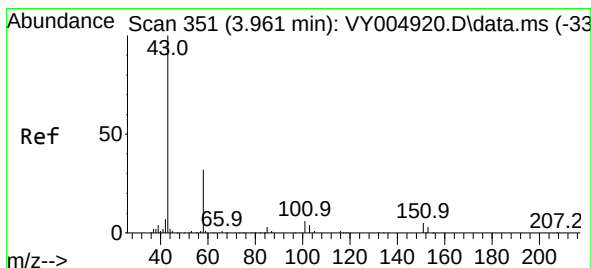
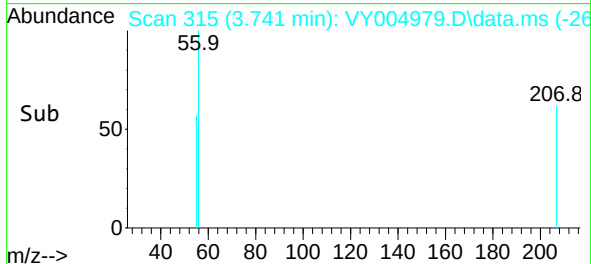
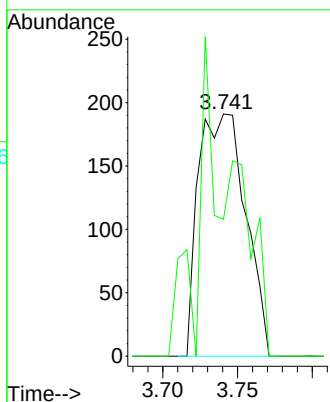
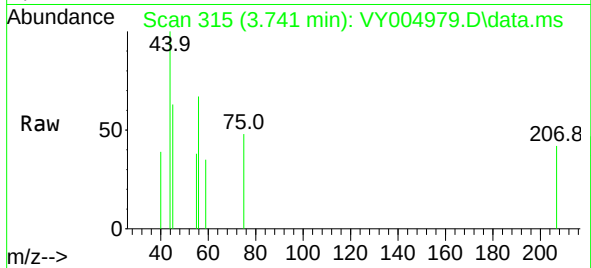




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

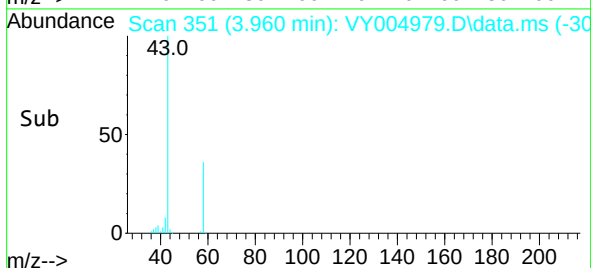
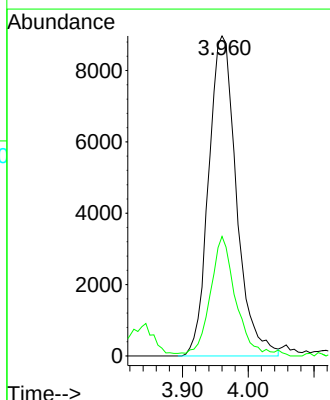
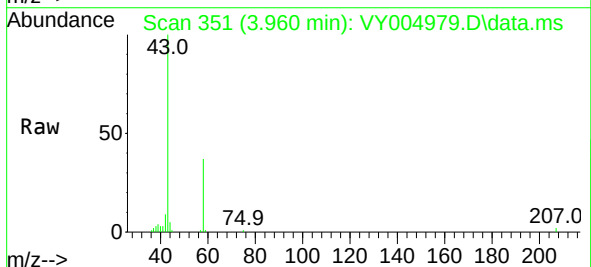
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(22-26)

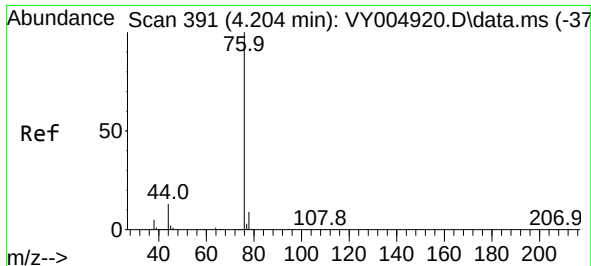
Tgt Ion: 56 Resp: 420
Ion Ratio Lower Upper
56 100
55 55.0 55.4 83.2#



#16
Acetone
Concen: 54.948 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

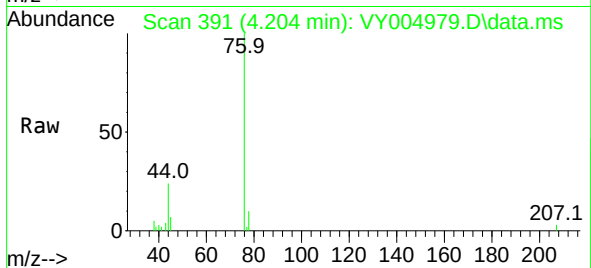
Tgt Ion: 43 Resp: 26402
Ion Ratio Lower Upper
43 100
58 36.6 25.3 37.9



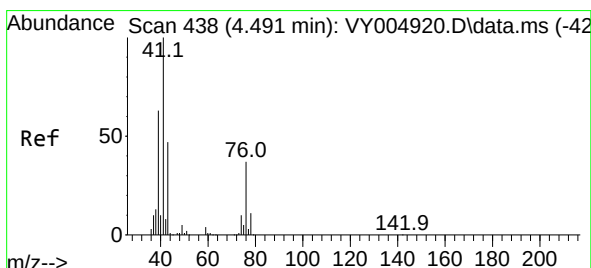
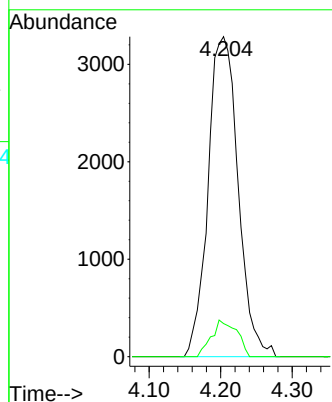
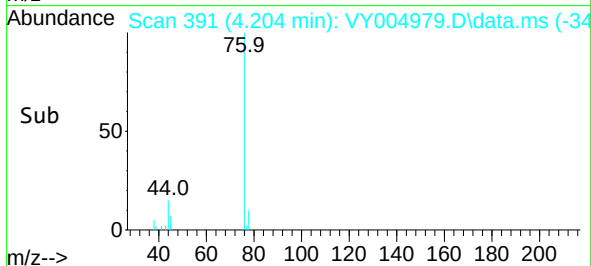


#17
Carbon Disulfide
Concen: 1.607 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

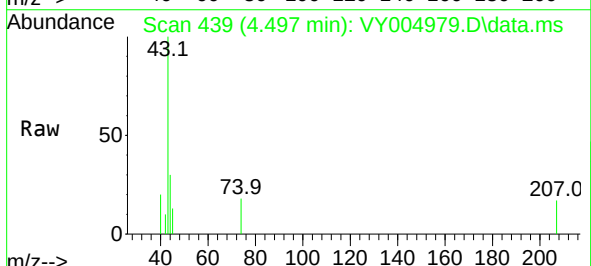
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(22-26)



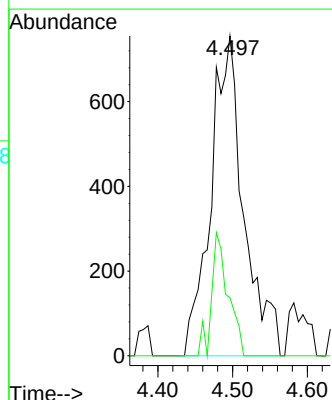
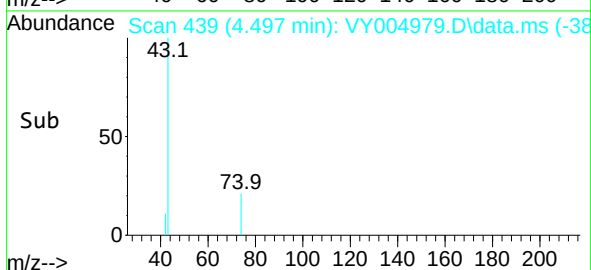
Tgt Ion: 76 Resp: 9586
Ion Ratio Lower Upper
76 100
78 10.3 7.6 11.4

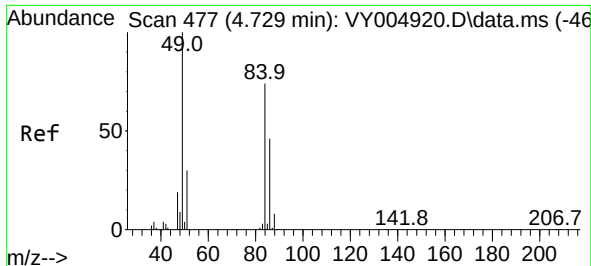


#18
Methyl Acetate
Concen: 1.507 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56



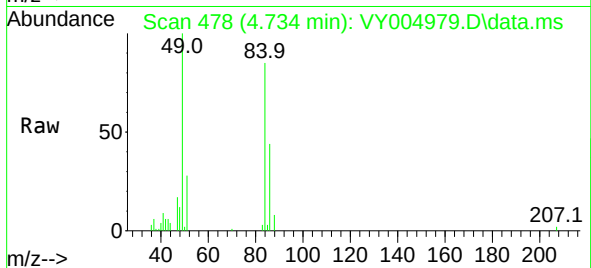
Tgt Ion: 43 Resp: 2320
Ion Ratio Lower Upper
43 100
74 19.4 18.0 27.0



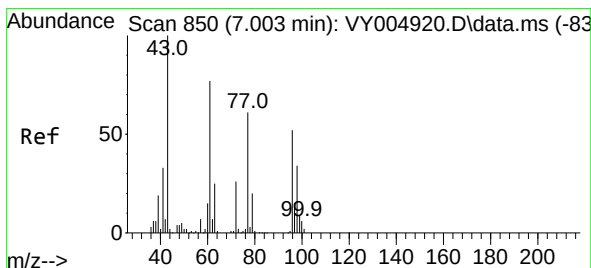
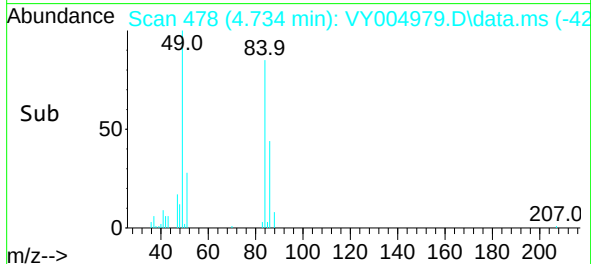
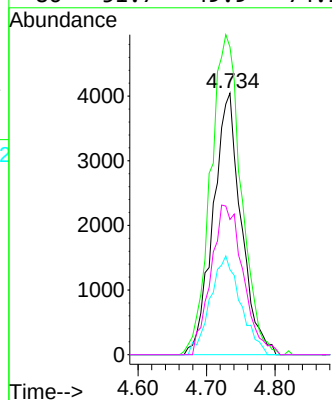


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(22-26)

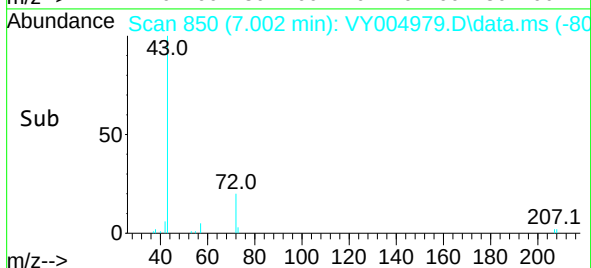
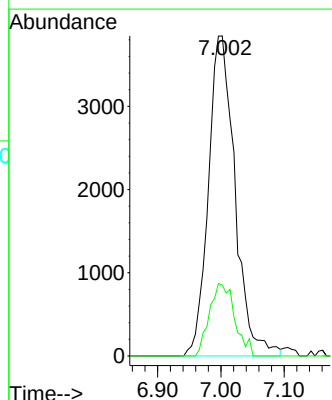
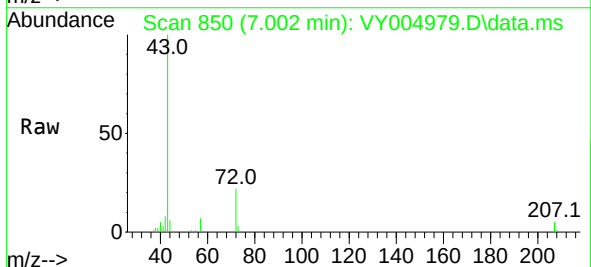


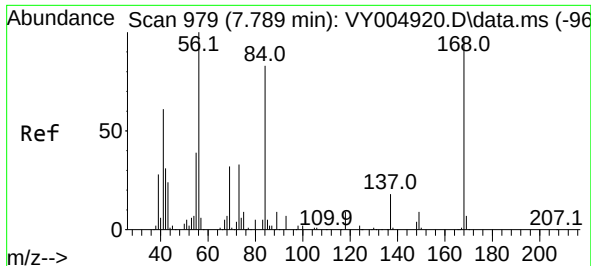
Tgt Ion:	84	Resp:	11464
Ion	Ratio	Lower	Upper
84	100		
49	117.7	108.0	162.0
51	32.5	32.6	48.8#
86	51.7	49.9	74.9



#25
2-Butanone
Concen: 13.914 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

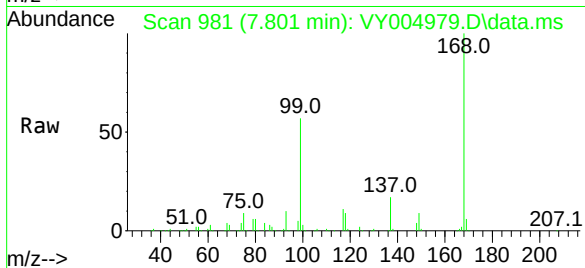
Tgt Ion:	43	Resp:	11242
Ion	Ratio	Lower	Upper
43	100		
72	22.2	20.6	31.0



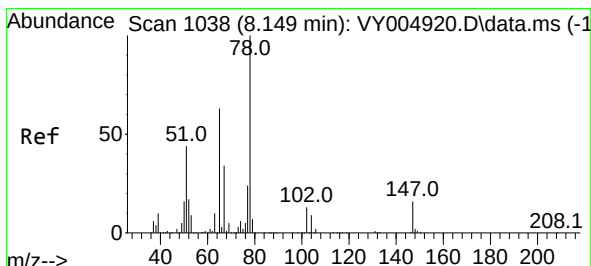
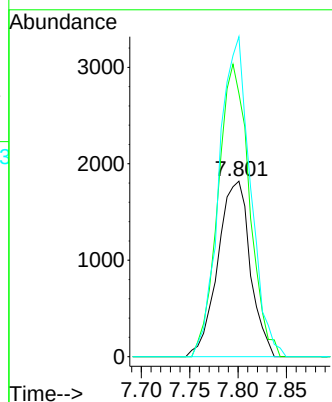
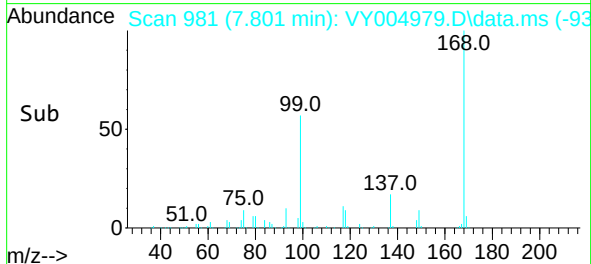


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

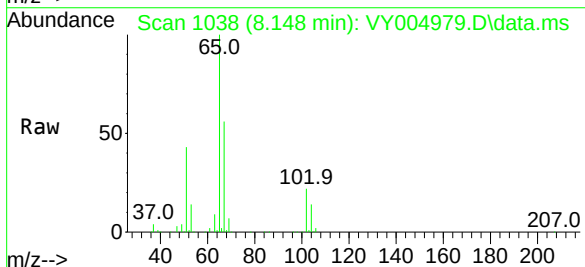
Instrument :
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ClientSampleId :
18-B12(22-26)



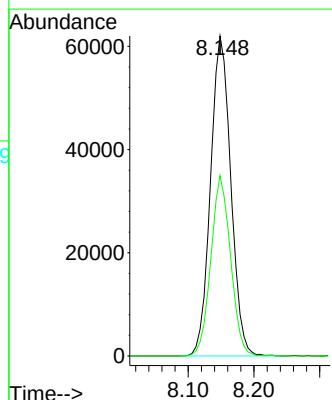
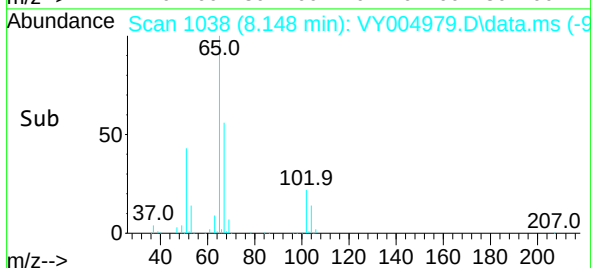
Tgt Ion: 56 Resp: 4230
Ion Ratio Lower Upper
56 100
69 149.9 25.3 37.9#
84 182.3 66.2 99.4#

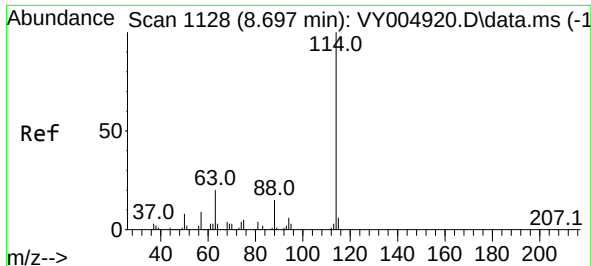


#33
1,2-Dichloroethane-d4
Concen: 66.673 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56



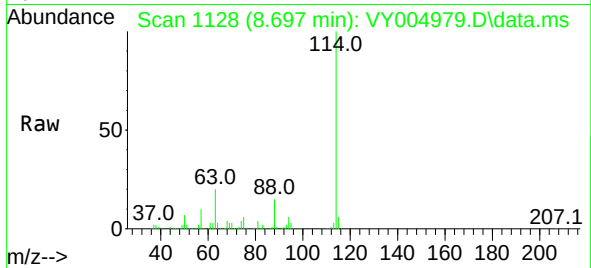
Tgt Ion: 65 Resp: 133080
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.6



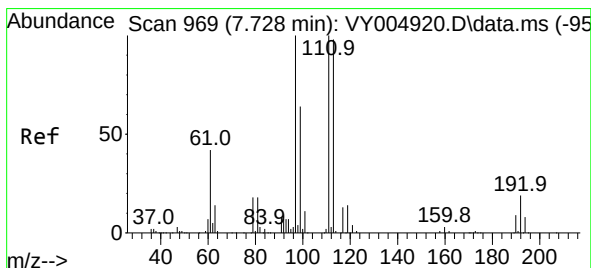
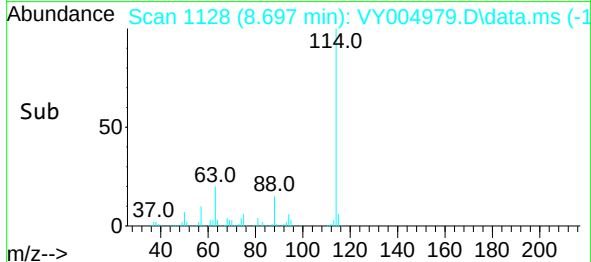
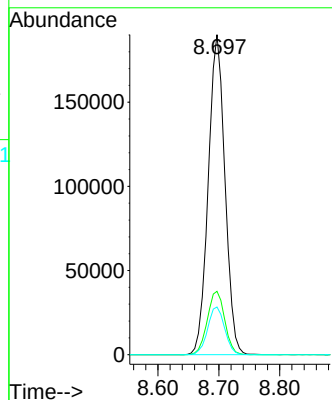


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(22-26)

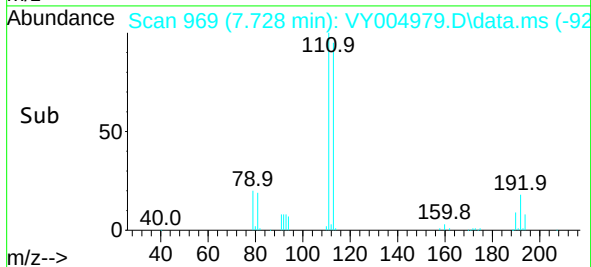
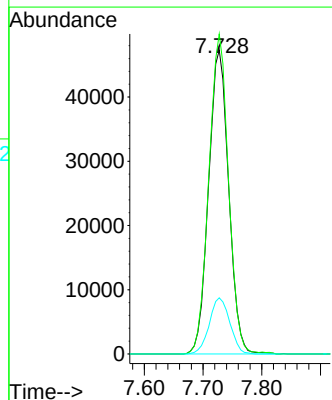
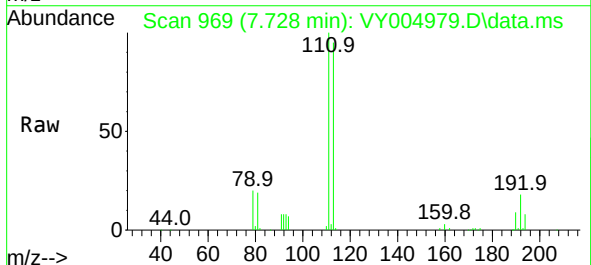


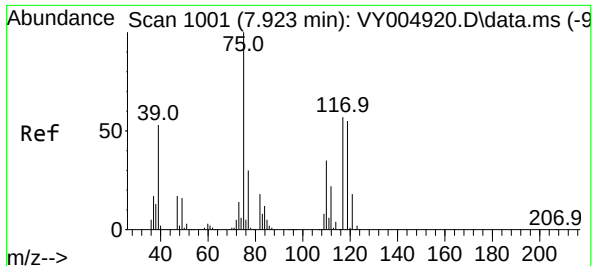
Tgt Ion:114 Resp: 361548
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.0
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.759 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

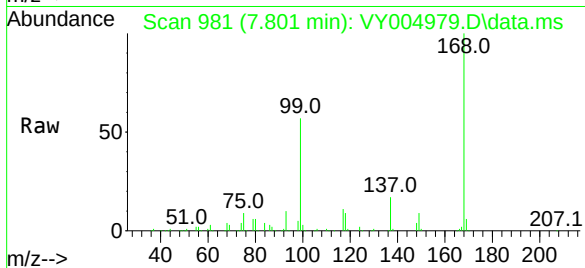
Tgt Ion:113 Resp: 112351
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.8
192 18.8 15.3 22.9



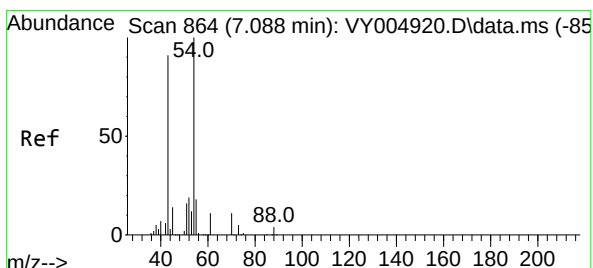
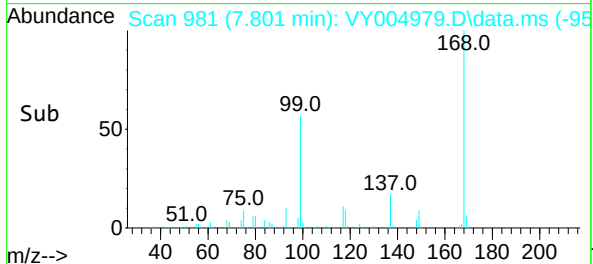
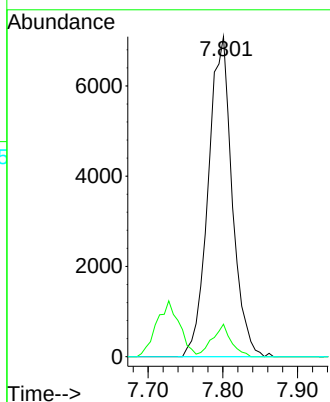


#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(22-26)

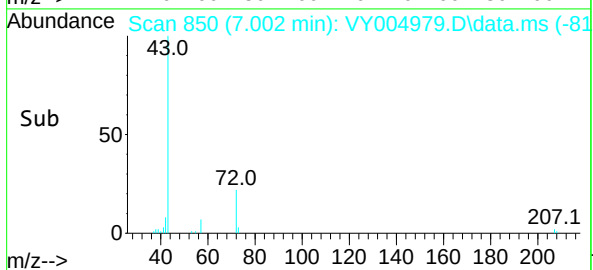
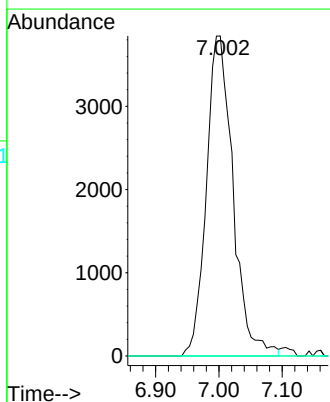
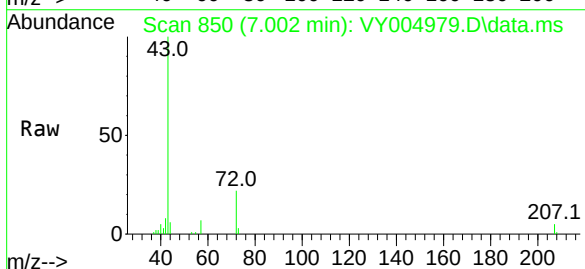


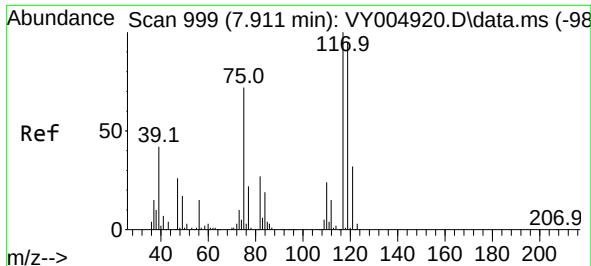
Tgt Ion: 75 Resp: 15791
Ion Ratio Lower Upper
75 100
110 8.0 17.5 52.5#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 4.830 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.086 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

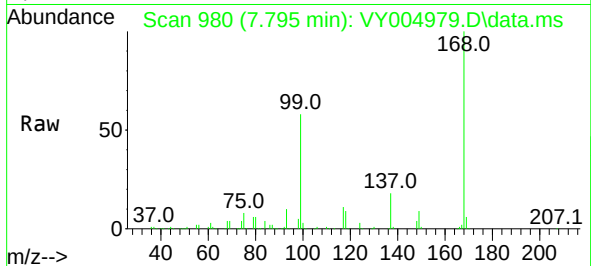
Tgt Ion: 43 Resp: 11242
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.9 11.9#



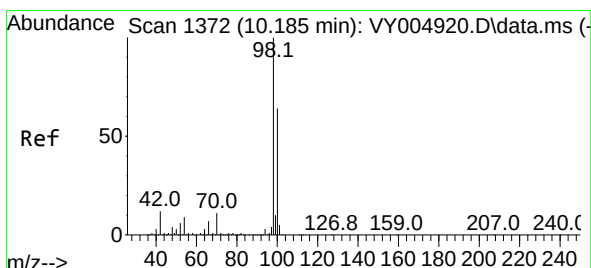
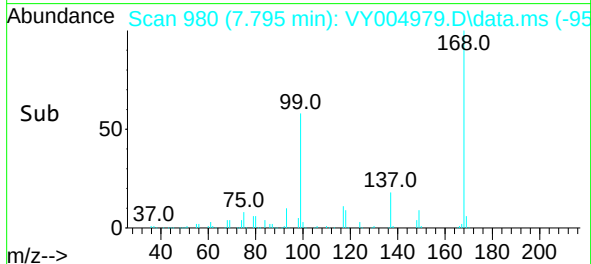
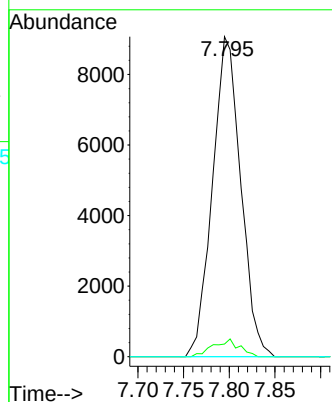


#38
Carbon Tetrachloride
Concen: 6.332 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :
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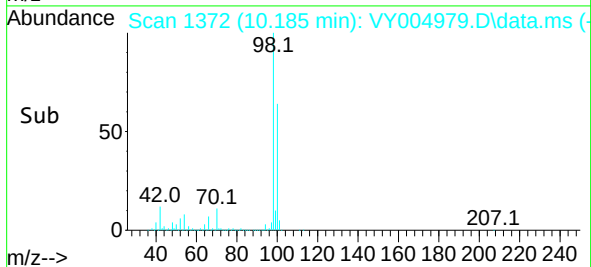
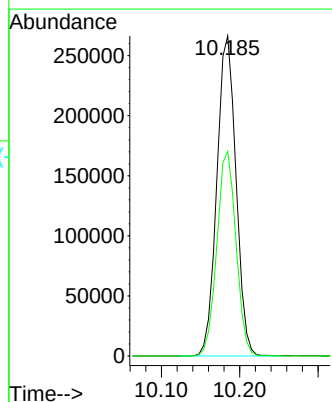
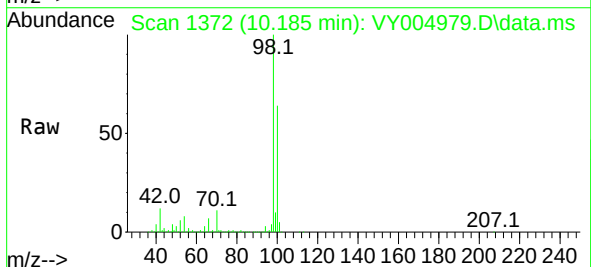


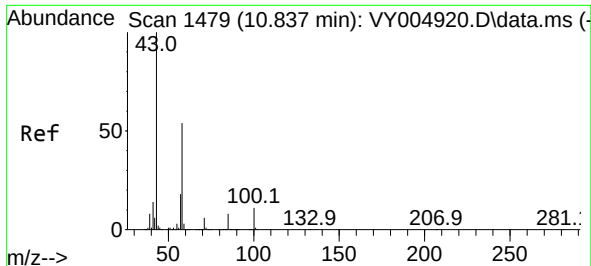
Tgt Ion:117 Resp: 19499
Ion Ratio Lower Upper
117 100
119 4.0 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 56.019 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Tgt Ion: 98 Resp: 452554
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

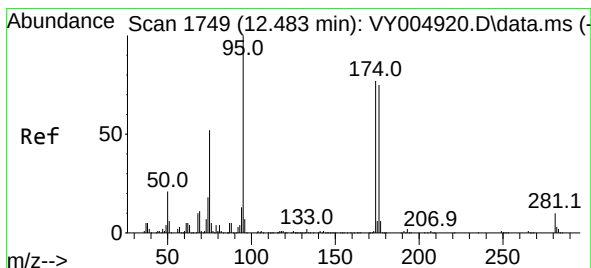
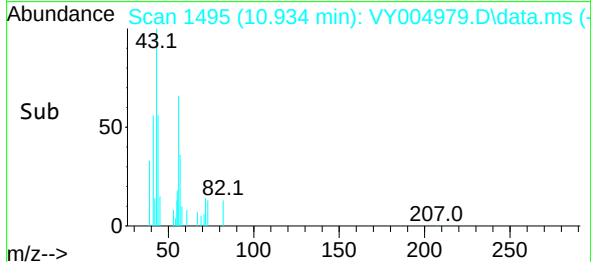
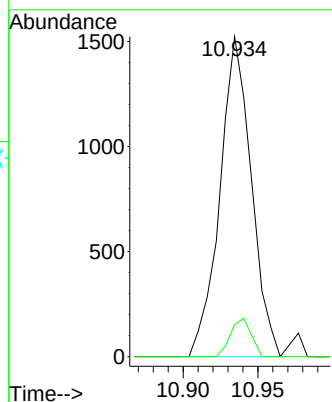
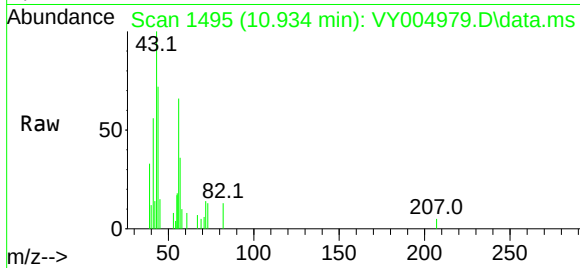




#59
2-Hexanone
Concen: 1.502 ug/l
RT: 10.934 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

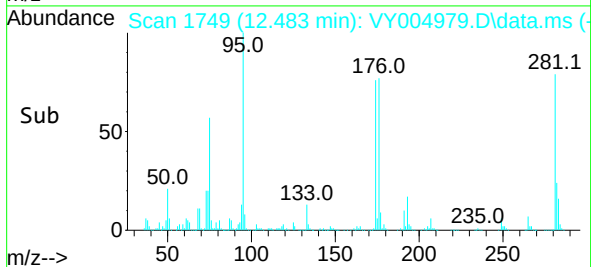
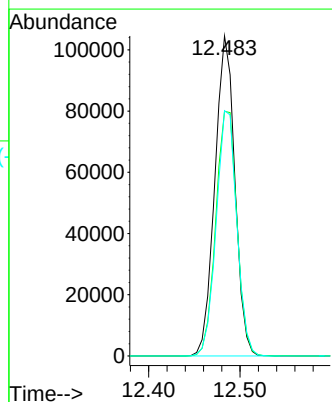
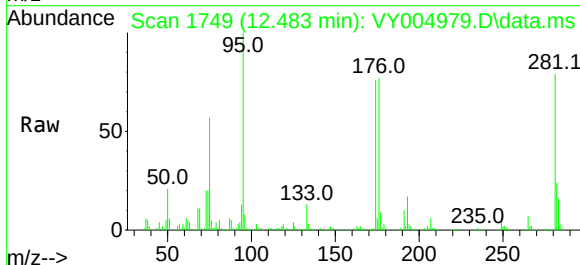
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(22-26)

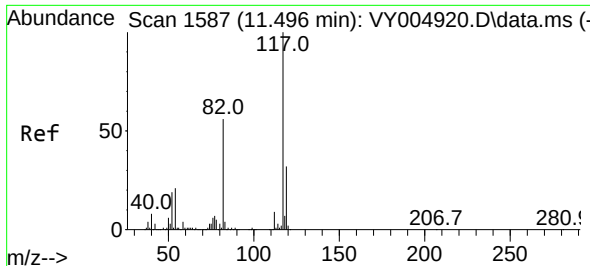
Tgt Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
58 7.8 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 57.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Tgt Ion: 95 Resp: 158967
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.8
176 78.7 0.0 155.6

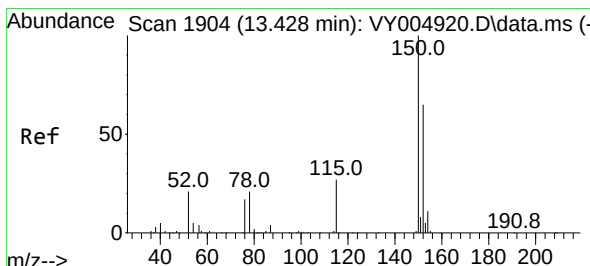
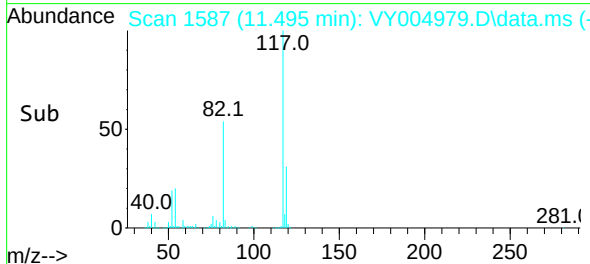
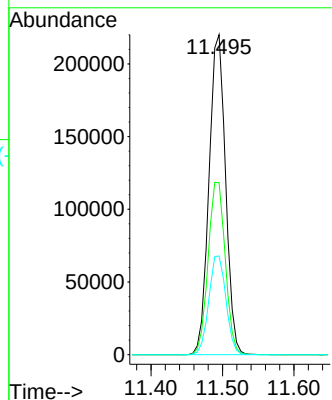
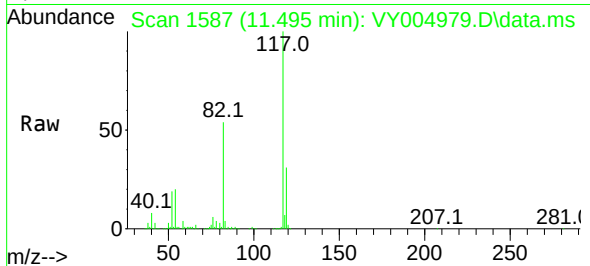




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

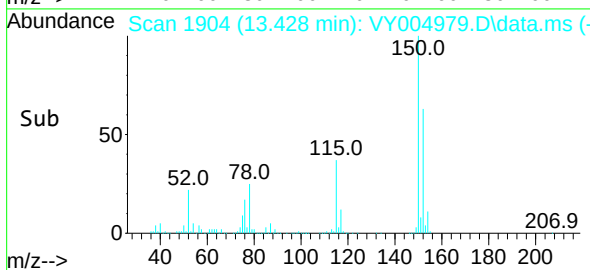
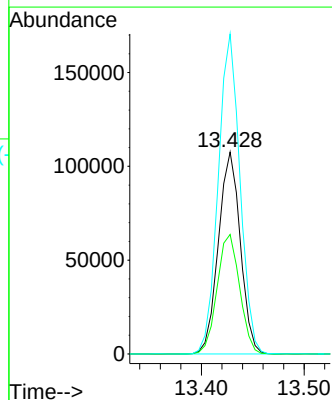
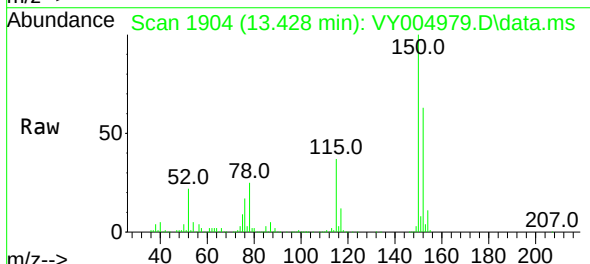
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(22-26)

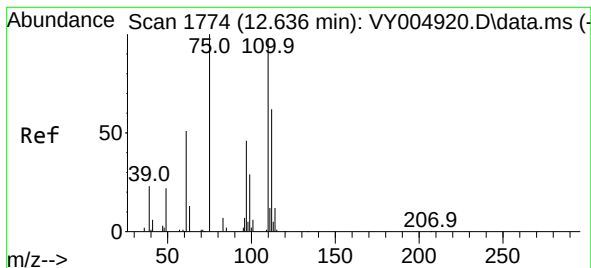
Tgt Ion:117 Resp: 353332
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 30.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Tgt Ion:152 Resp: 159388
Ion Ratio Lower Upper
152 100
115 60.8 29.9 89.7
150 157.0 0.0 347.8

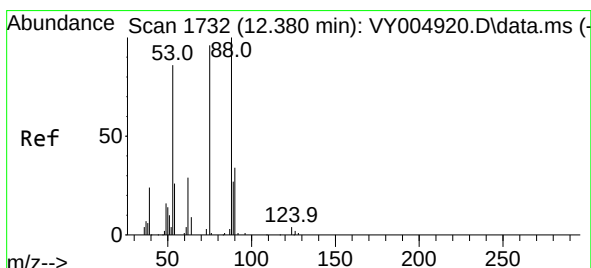
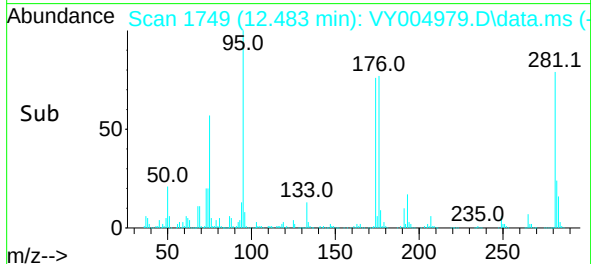
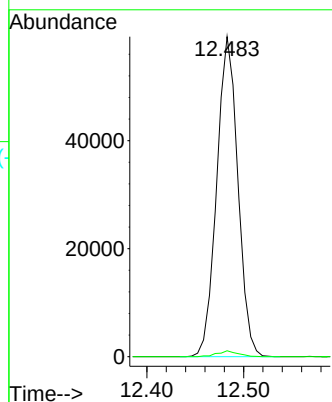
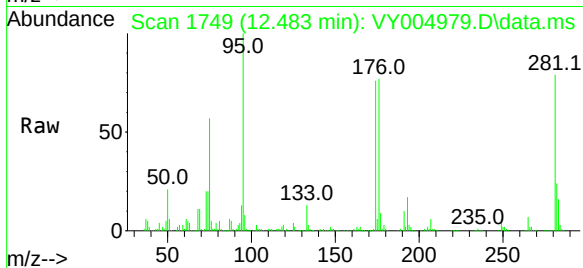




#76
1,2,3-Trichloropropane
Concen: 51.508 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(22-26)

Tgt Ion: 75 Resp: 89995
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004979.D
Acq: 04 Jun 2021 20:56

Tgt Ion: 75 Resp: 89995
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.0 35.0 52.6#

