

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005160.D
 Acq On : 17 Jun 2021 16:33
 Operator : SY/MD
 Sample : M2748-01
 Misc : 5.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:03:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

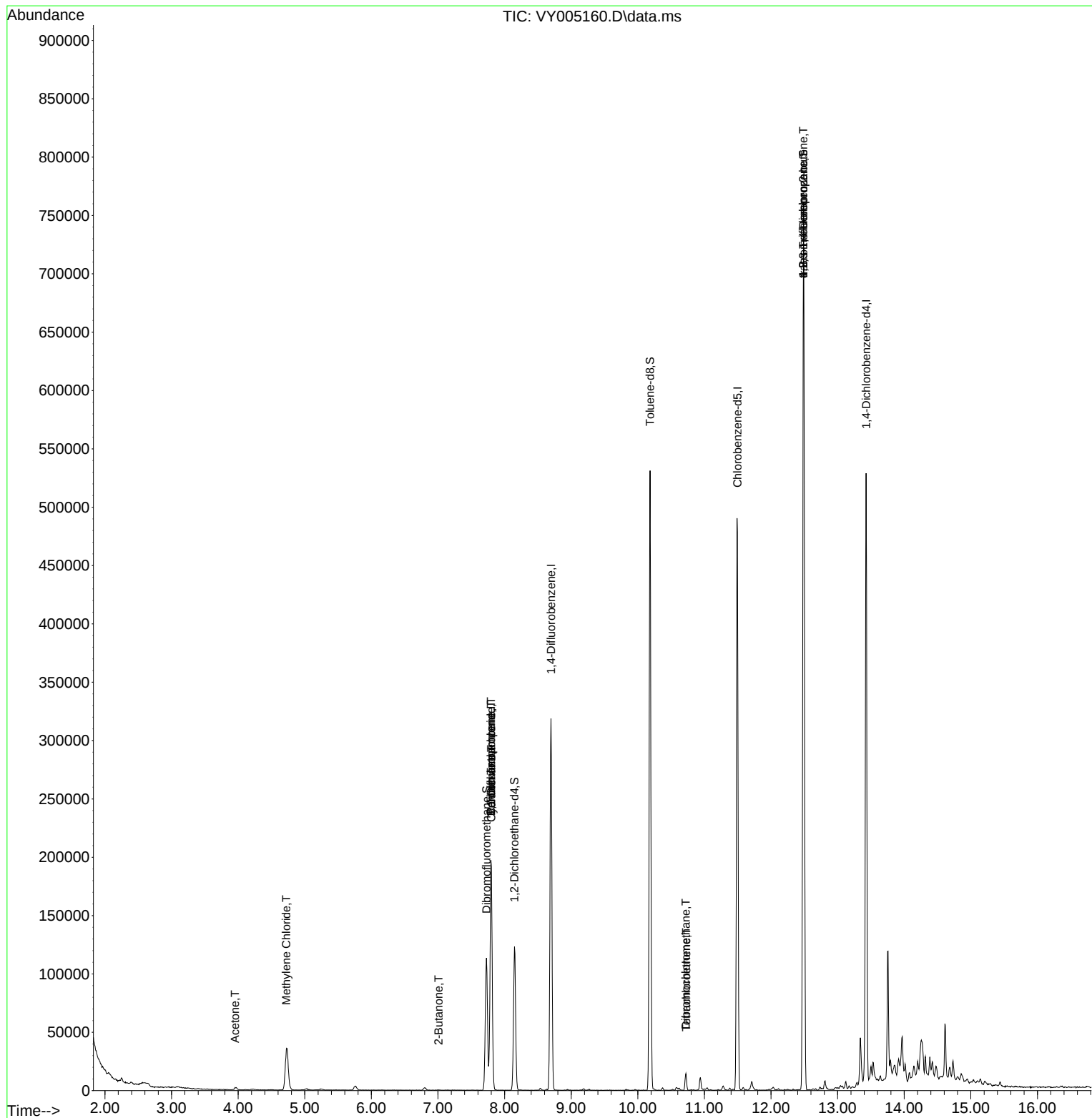
Internal Standards						
1) Pentafluorobenzene	7.795	168	151595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	271510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98162	66.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.940%	
35) Dibromofluoromethane	7.728	113	79008	66.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.500%	
50) Toluene-d8	10.185	98	340365	58.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.560%	
62) 4-Bromofluorobenzene	12.483	95	115835	58.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	295	Below Cal	#	74
16) Acetone	3.954	43	3815	12.796	ug/l	93
20) Methylene Chloride	4.722	84	28042	11.943	ug/l	96
25) 2-Butanone	7.009	43	525	1.158	ug/l #	44
31) Cyclohexane	7.801	56	3120	1.251	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	11647	4.640	ug/l #	49
38) Carbon Tetrachloride	7.795	117	15148	5.684	ug/l #	16
60) Dibromochloromethane	10.721	129	2575	1.463	ug/l #	10
64) Tetrachloroethene	10.727	164	2942	1.214	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	66331	55.622	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66331	103.767	ug/l #	12

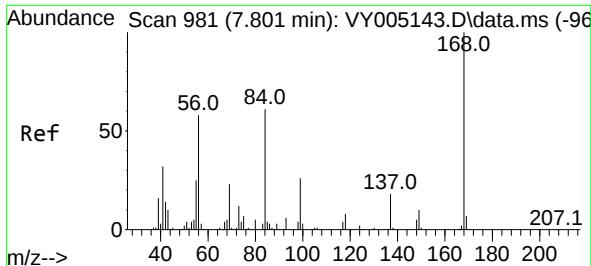
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
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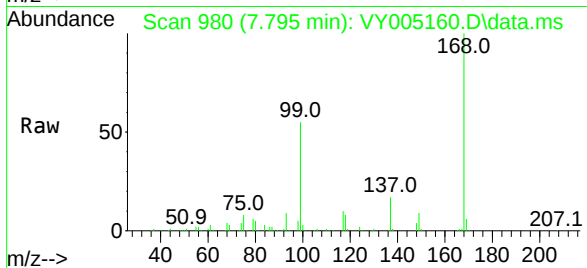
Quant Time: Jun 18 03:03:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:40:35 2021
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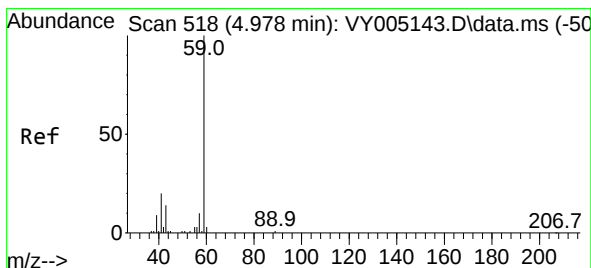
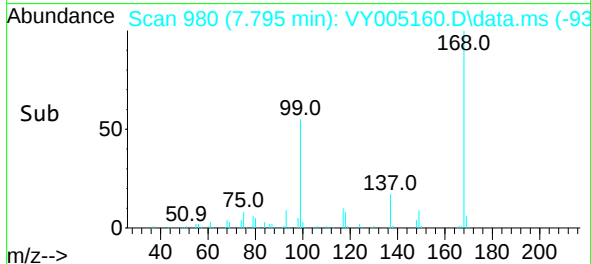
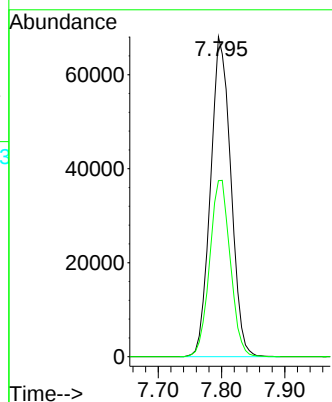


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

Instrument :
MSVOA_Y
ClientSampleId :

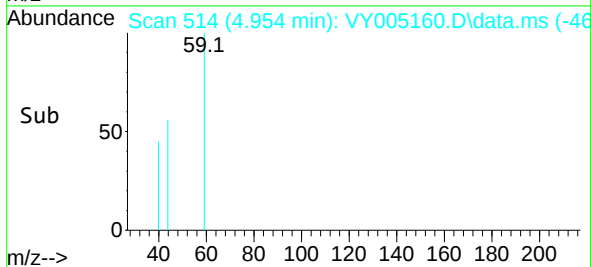
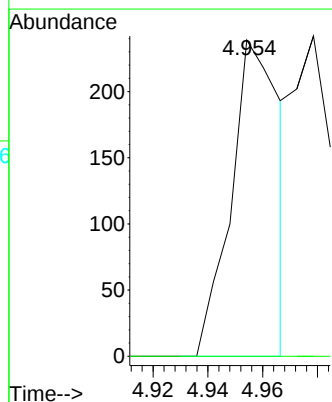
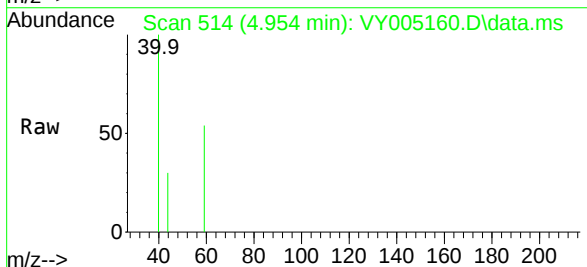


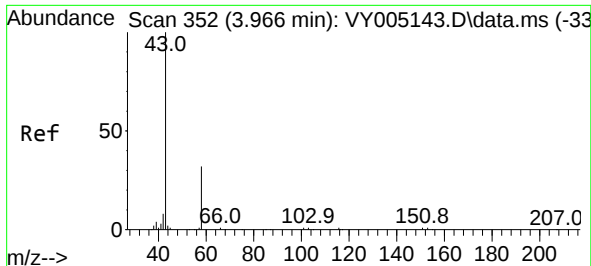
Tgt Ion:168 Resp: 151595
Ion Ratio Lower Upper
168 100
99 55.0 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

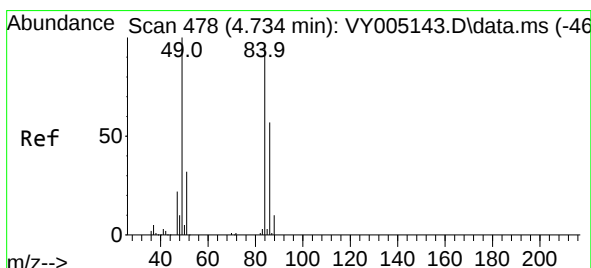
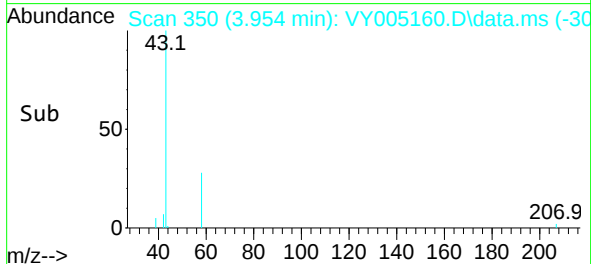
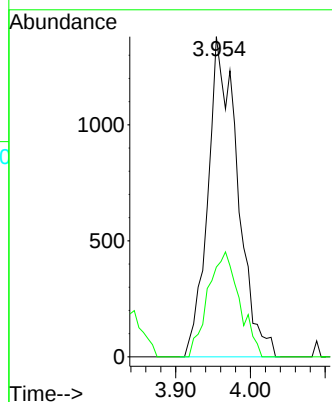
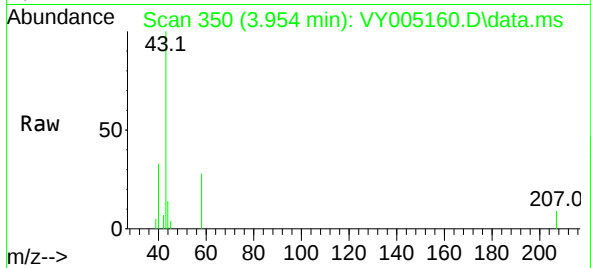




#16
Acetone
Concen: 12.796 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

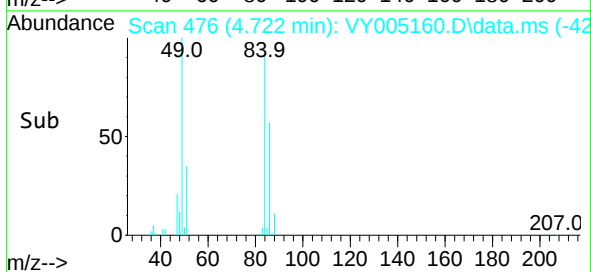
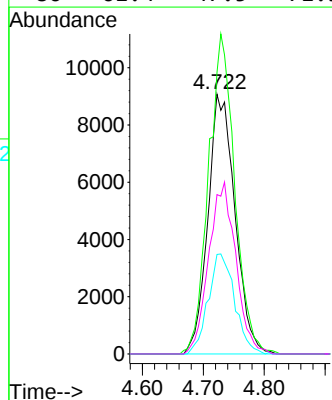
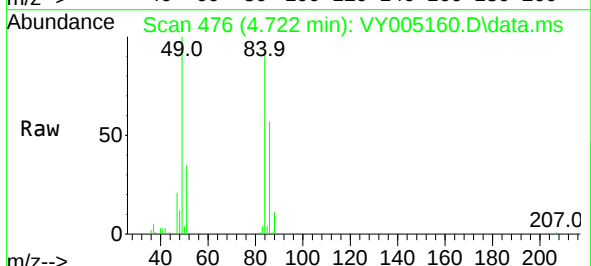
Instrument :
MSVOA_Y
ClientSampled :

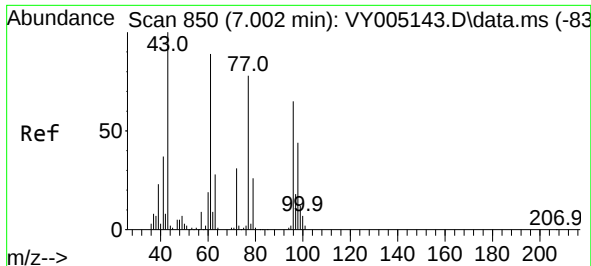
Tgt Ion: 43 Resp: 3815
Ion Ratio Lower Upper
43 100
58 28.0 25.6 38.4



#20
Methylene Chloride
Concen: 11.943 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

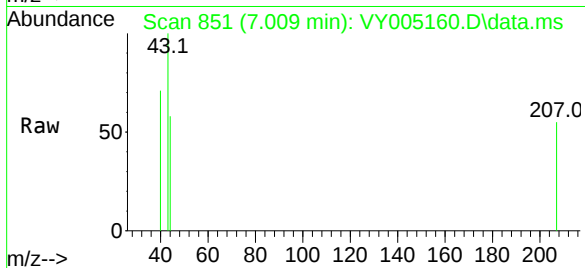
Tgt Ion: 84 Resp: 28042
Ion Ratio Lower Upper
84 100
49 108.4 83.4 125.2
51 38.3 26.8 40.2
86 61.4 47.5 71.3



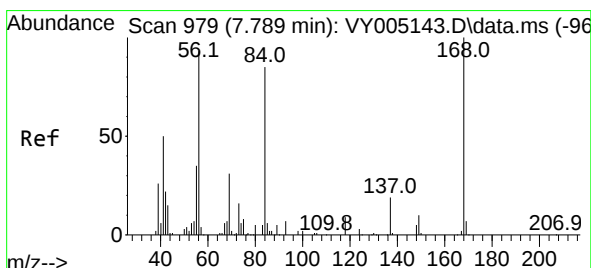
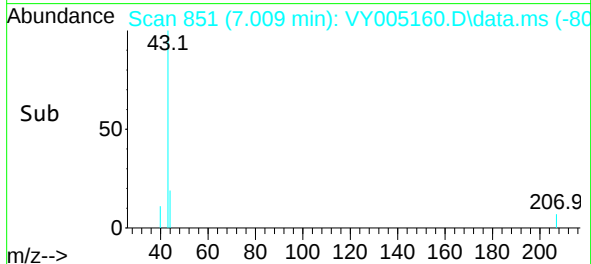
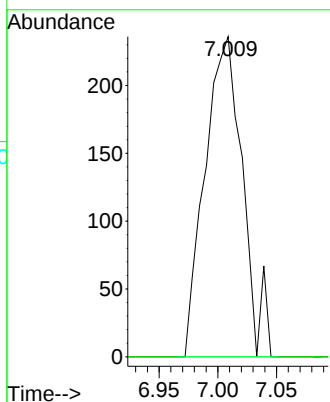


#25
2-Butanone
Concen: 1.158 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

Instrument :
MSVOA_Y
ClientSampled :

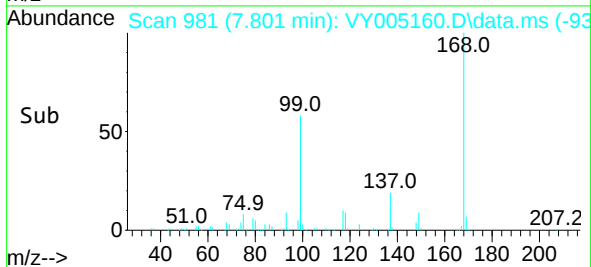
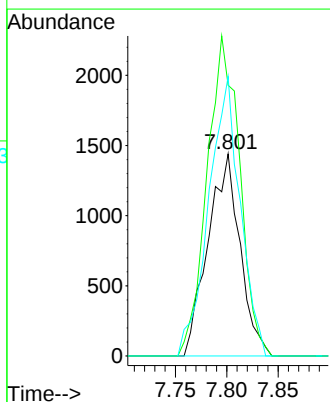
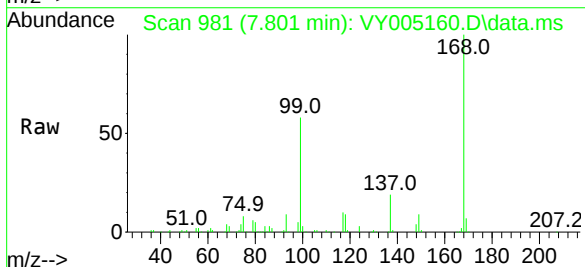


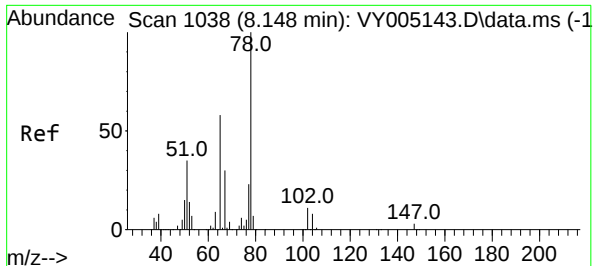
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
72 0.0 24.8 37.2#



#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

Tgt Ion: 56 Resp: 3120
Ion Ratio Lower Upper
56 100
69 133.9 26.3 39.5#
84 138.3 73.2 109.8#

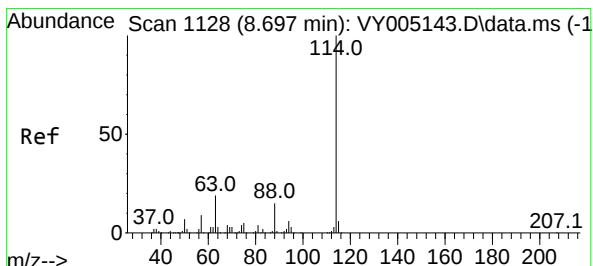
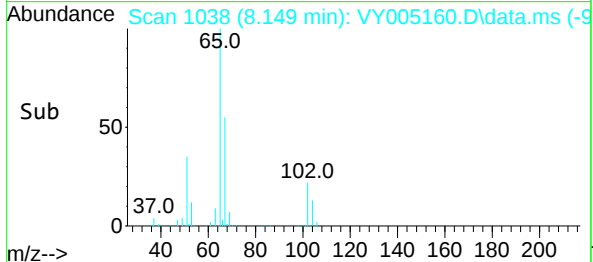
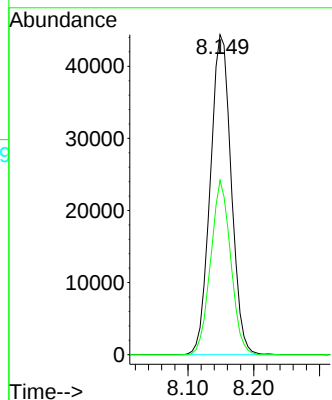
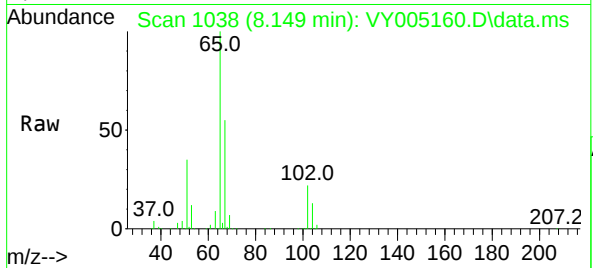




#33
1,2-Dichloroethane-d4
Concen: 66.970 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

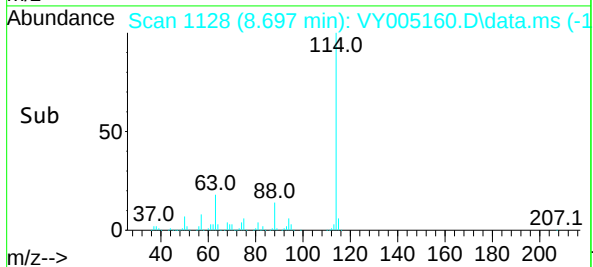
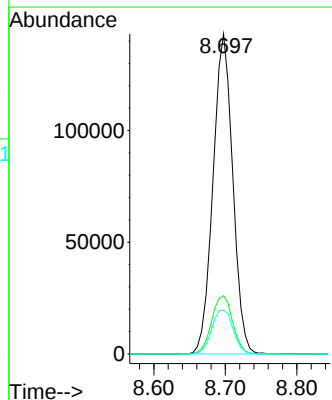
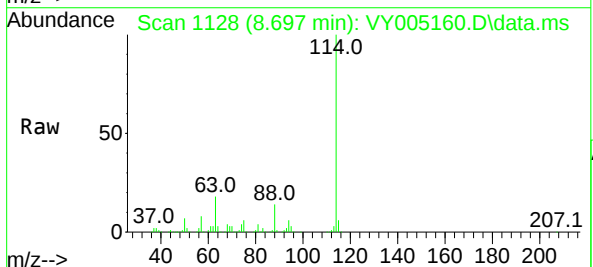
Instrument :
MSVOA_Y
ClientSampled :

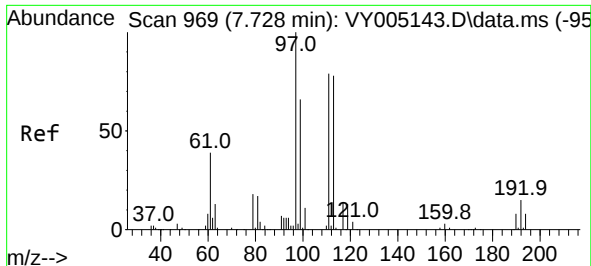
Tgt Ion: 65 Resp: 98162
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

Tgt Ion:114 Resp: 274123
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.6
88 13.7 0.0 29.6

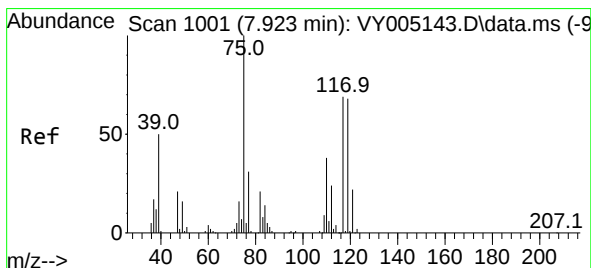
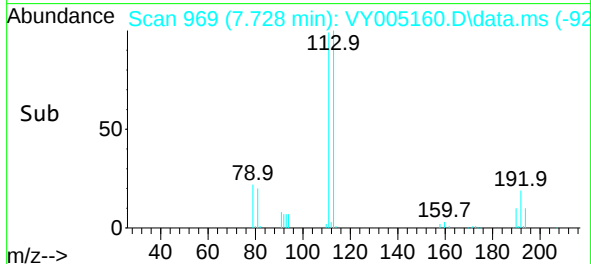
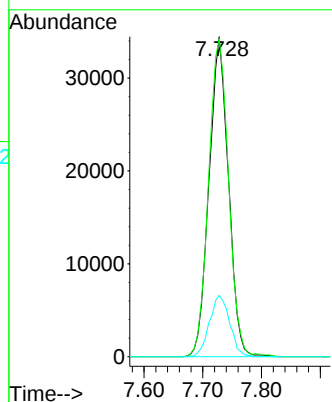
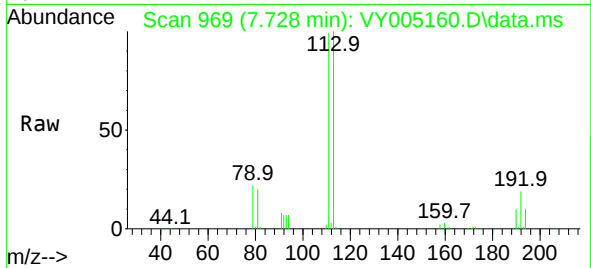




#35
Dibromofluoromethane
Concen: 66.748 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

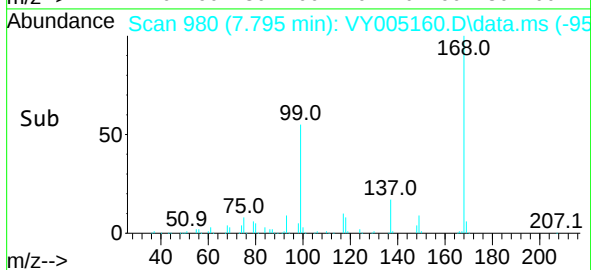
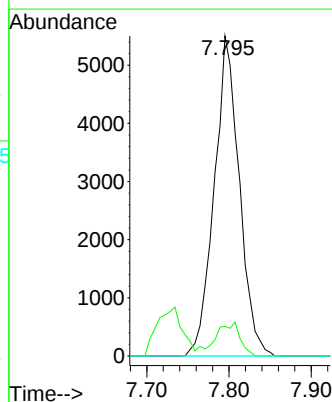
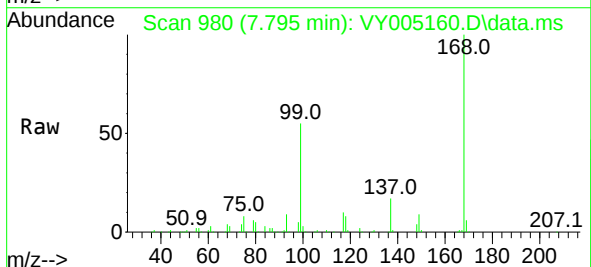
Instrument :
MSVOA_Y
ClientSampleId :

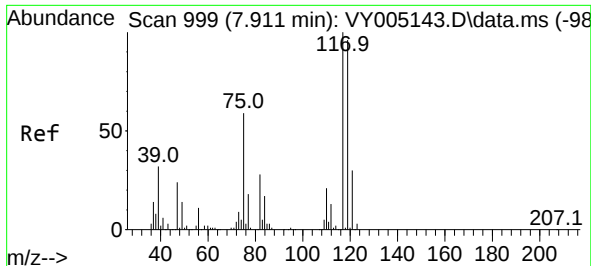
Tgt Ion:113 Resp: 79008
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 19.9 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

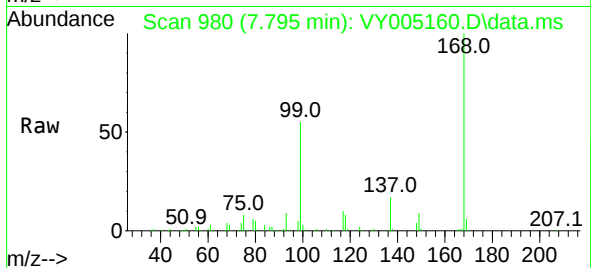
Tgt Ion: 75 Resp: 11647
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.3#
77 0.0 24.6 36.8#



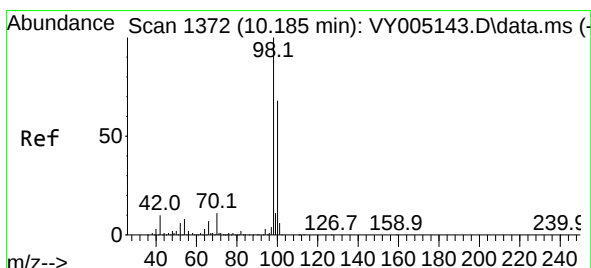
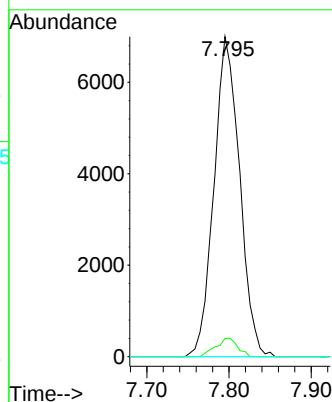
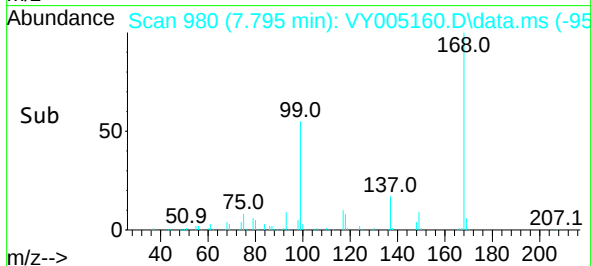


#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

Instrument :
MSVOA_Y
ClientSampleId :

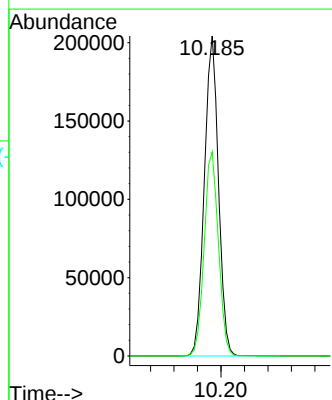
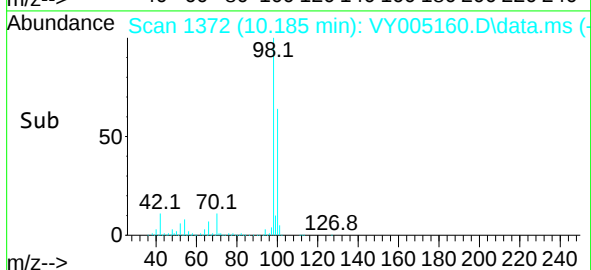
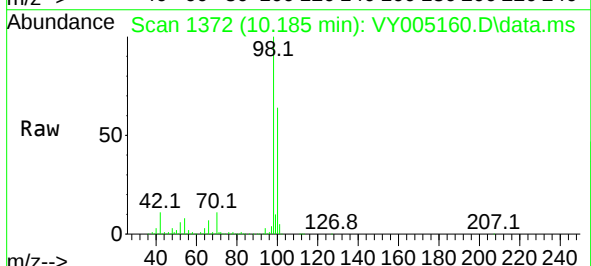


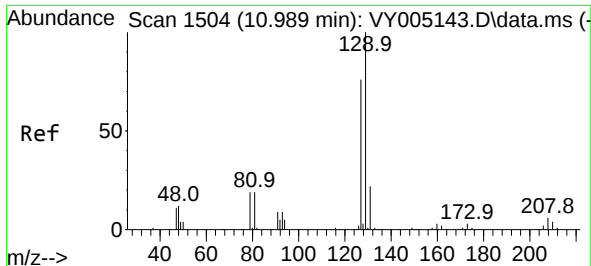
Tgt Ion:117 Resp: 15148
Ion Ratio Lower Upper
117 100
119 5.7 76.9 115.3#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 58.282 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

Tgt Ion: 98 Resp: 340365
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

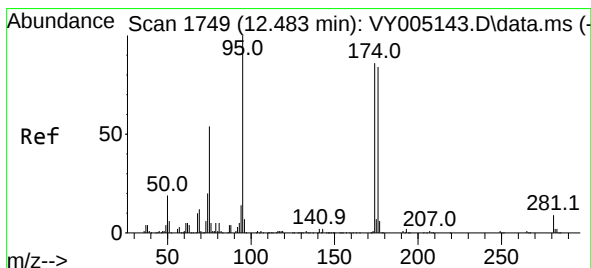
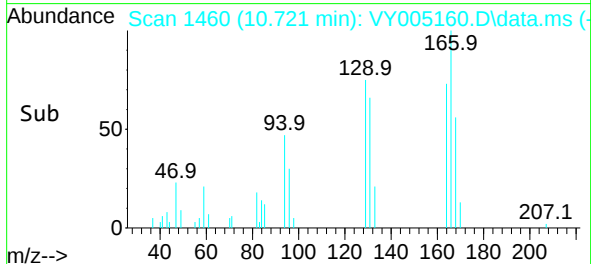
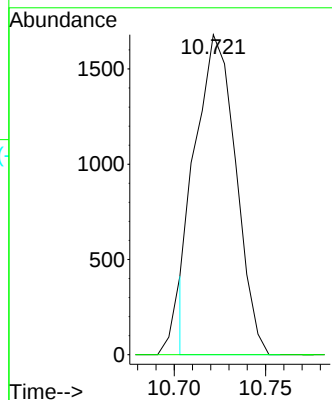
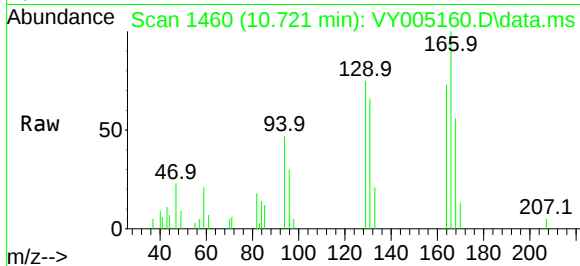




#60
Dibromochloromethane
Concen: 1.463 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

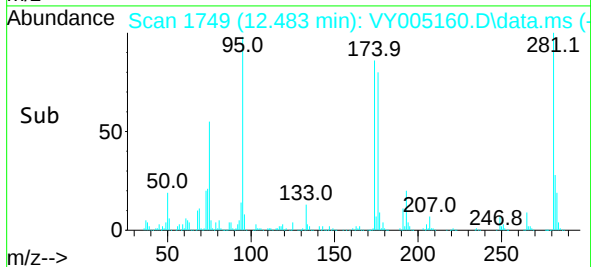
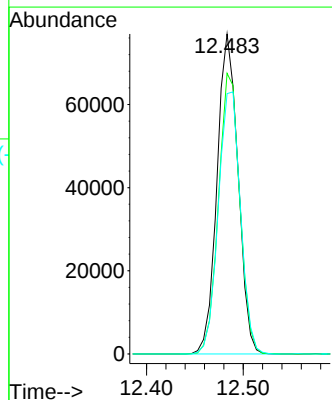
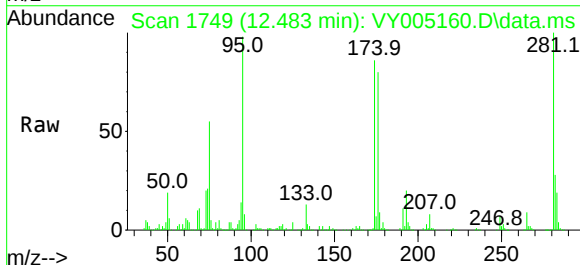
Instrument :
MSVOA_Y
ClientSampled :

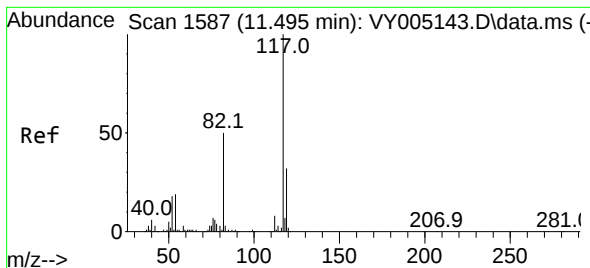
Tgt Ion:129 Resp: 2575
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.9#



#62
4-Bromofluorobenzene
Concen: 58.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

Tgt Ion: 95 Resp: 115835
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 86.5 0.0 174.0

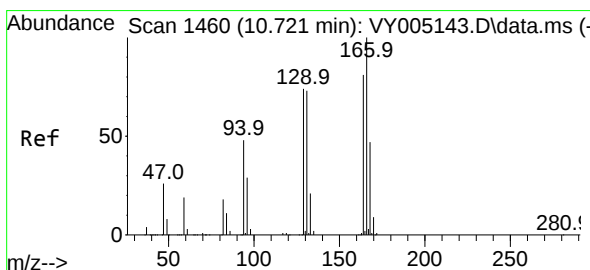
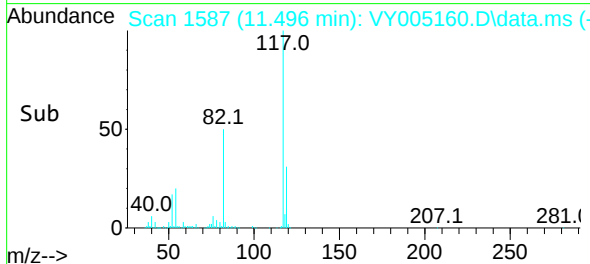
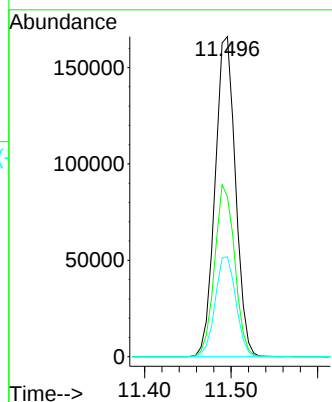
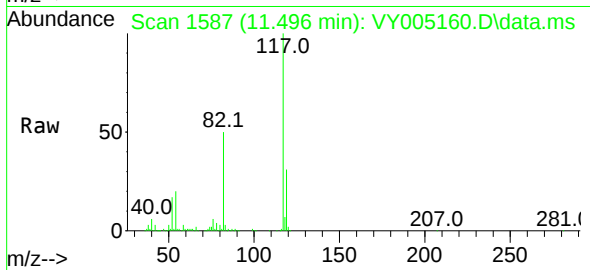




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

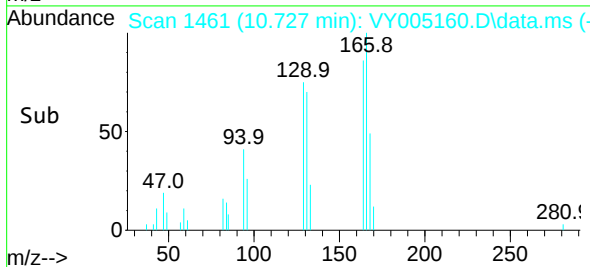
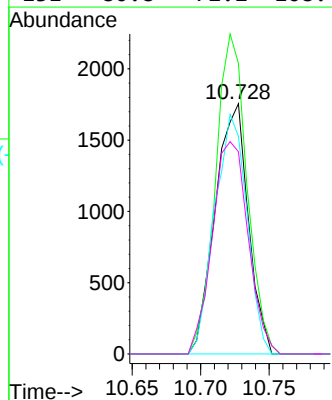
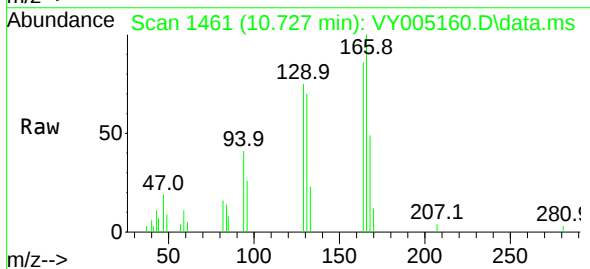
Instrument :
MSVOA_Y
ClientSampleId :

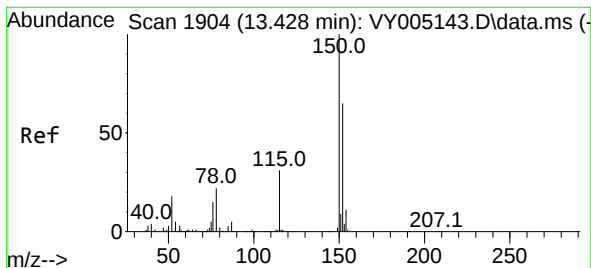
Tgt Ion:117 Resp: 271510
Ion Ratio Lower Upper
117 100
82 50.0 39.8 59.6
119 31.2 25.9 38.9



#64
Tetrachloroethene
Concen: 1.214 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

Tgt Ion:164 Resp: 2942
Ion Ratio Lower Upper
164 100
166 116.1 99.0 148.4
129 87.0 73.5 110.3
131 80.8 72.2 108.4

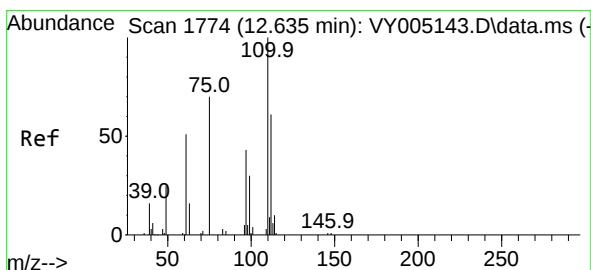
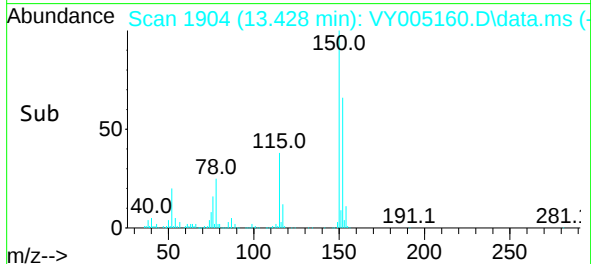
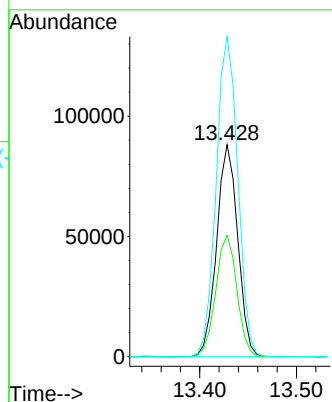
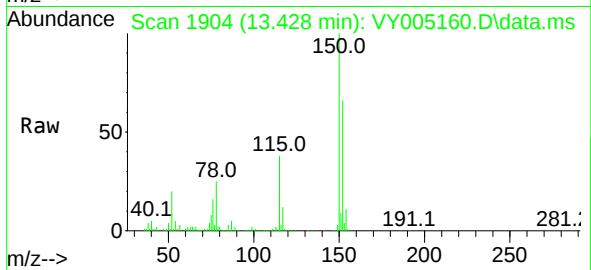




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

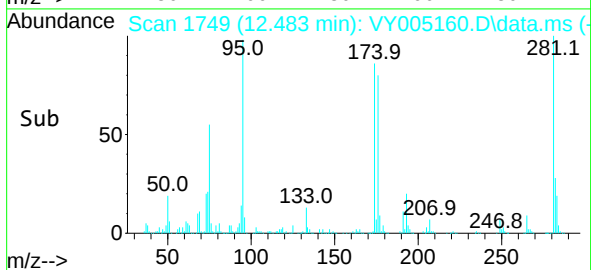
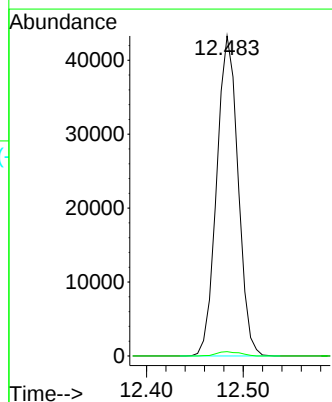
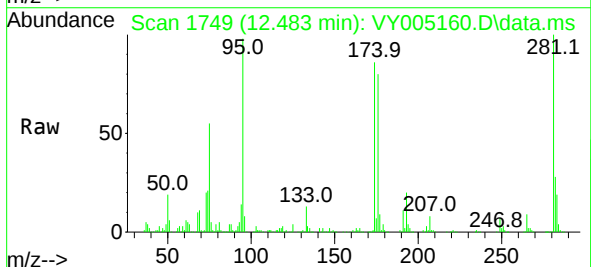
Instrument :
MSVOA_Y
ClientSampled :

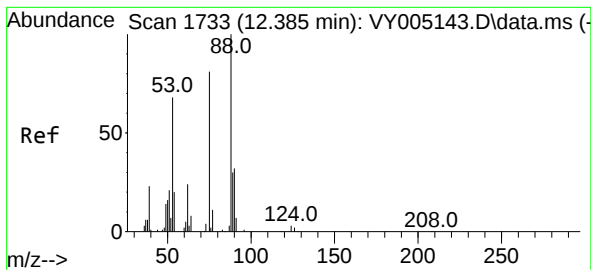
Tgt Ion:152 Resp: 133226
Ion Ratio Lower Upper
152 100
115 57.4 29.5 88.6
150 155.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 55.622 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005160.D
Acq: 17 Jun 2021 16:33

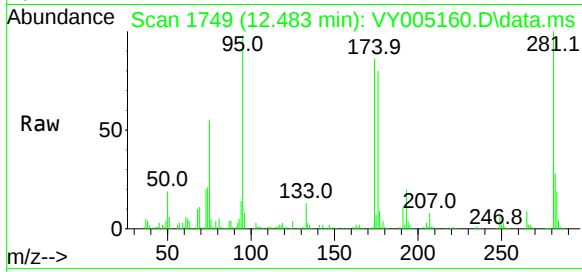
Tgt Ion: 75 Resp: 66331
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.767 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY005160.D
 Acq: 17 Jun 2021 16:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	2.1	44.1	66.1#

