

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004508.D
 Acq On : 19 Apr 2021 19:08
 Operator : SY/MD
 Sample : M2076-06
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-14.5-15.0

Quant Time: Apr 20 01:51:17 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)

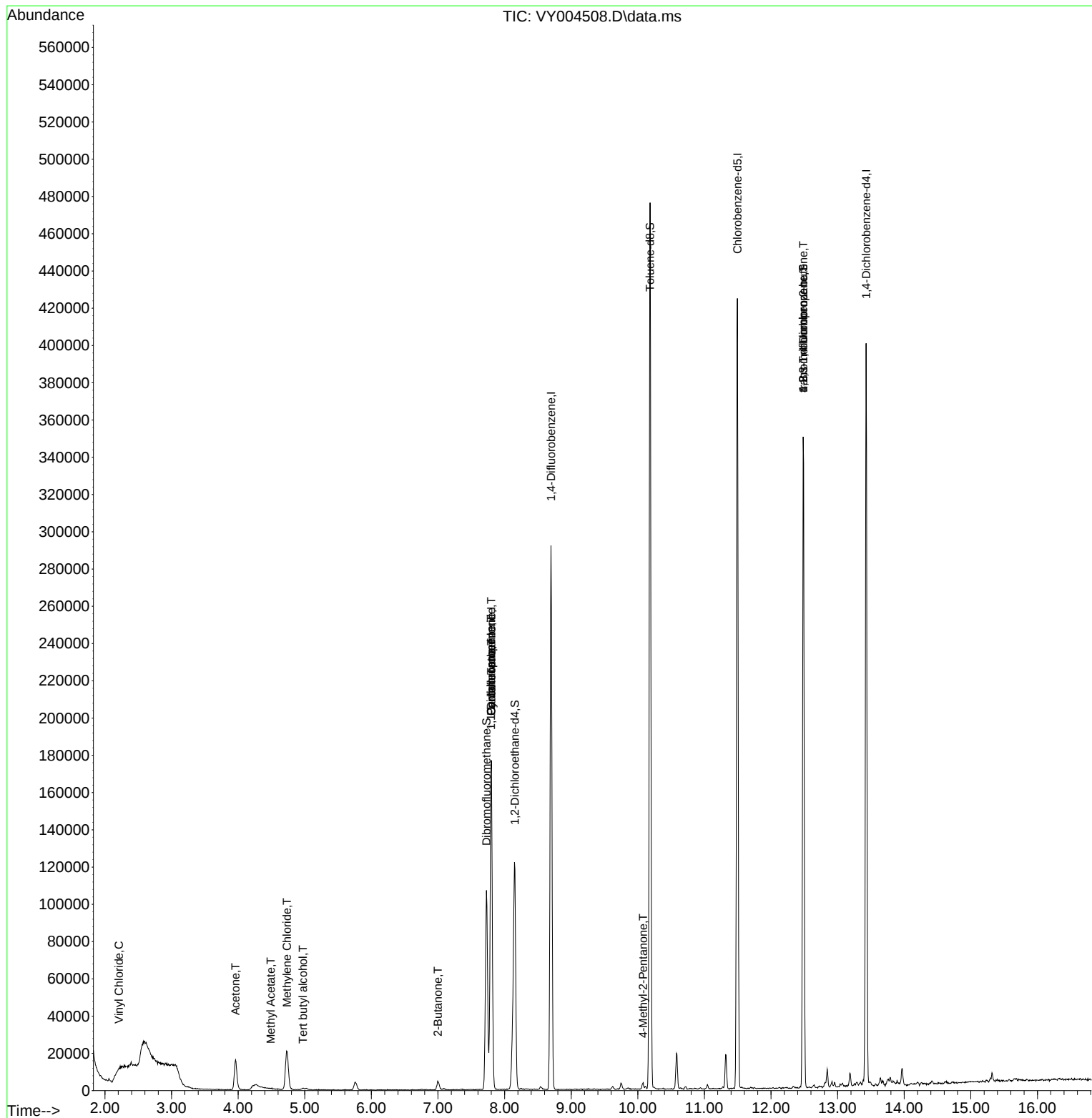
Internal Standards						
1) Pentafluorobenzene	7.801	168	133171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	222612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	86341	58.35	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.70%			
35) Dibromofluoromethane	7.728	113	72514	55.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.74%			
50) Toluene-d8	10.185	98	292862	53.04	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.08%			
62) 4-Bromofluorobenzene	12.483	95	95703	51.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.16%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.210	62	5152	2.73	ug/l #	43
11) Tert butyl alcohol	4.972	59	1849	12.68	ug/l #	73
16) Acetone	3.960	43	28415	77.19	ug/l	98
18) Methyl Acetate	4.490	43	1091	1.06	ug/l #	58
20) Methylene Chloride	4.734	84	15093	10.56	ug/l	95
25) 2-Butanone	6.996	43	8041	14.27	ug/l	96
31) Cyclohexane	7.801	56	3343	1.23	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10828	4.66	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13562	6.75	ug/l #	17
51) 4-Methyl-2-Pentanone	10.081	43	2579	1.77	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	54007	52.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54007	94.53	ug/l #	12

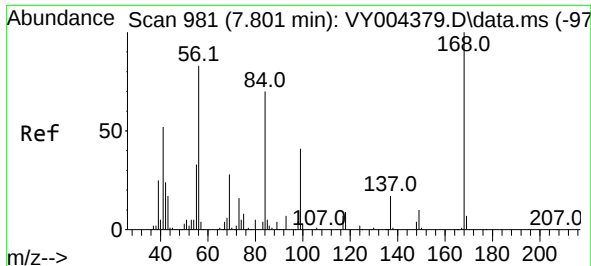
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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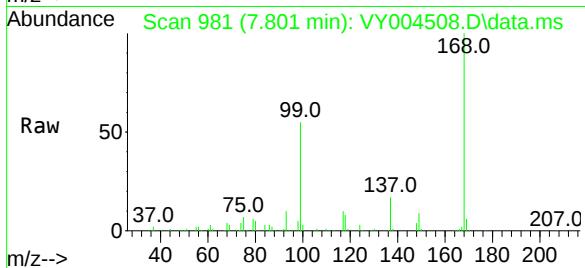
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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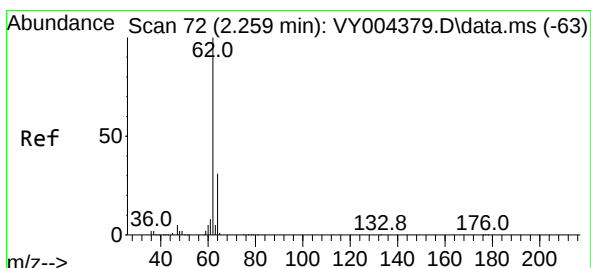
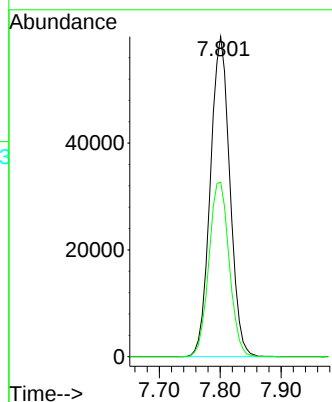
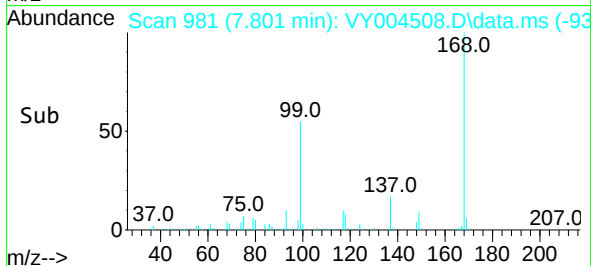


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

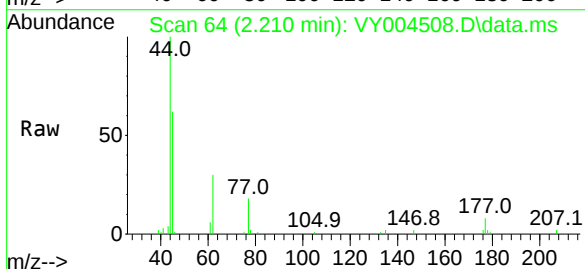
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-14.5-15.0



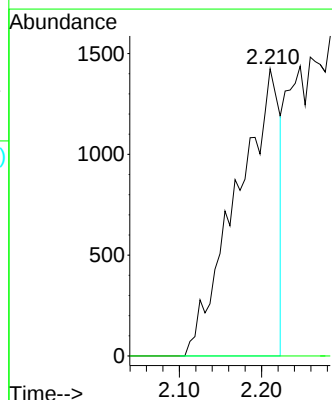
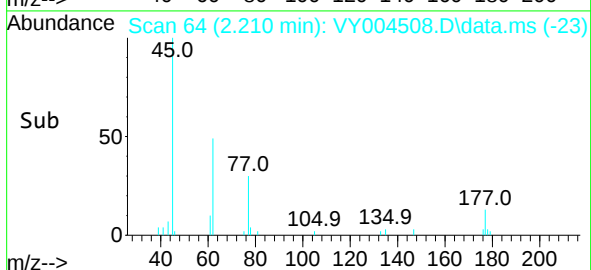
Tgt Ion:168 Resp: 133171
Ion Ratio Lower Upper
168 100
99 54.5 45.5 68.3

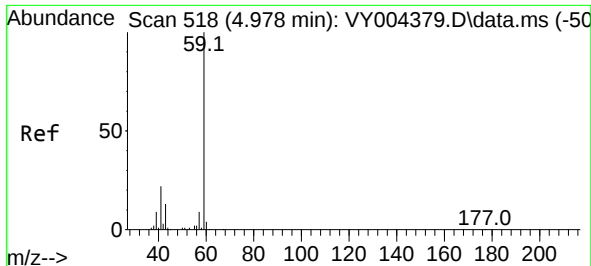


#4
Vinyl Chloride
Concen: 2.73 ug/l
RT: 2.210 min Scan# 64
Delta R.T. -0.049 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08



Tgt Ion: 62 Resp: 5152
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

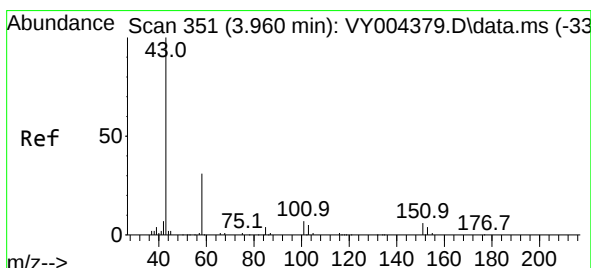
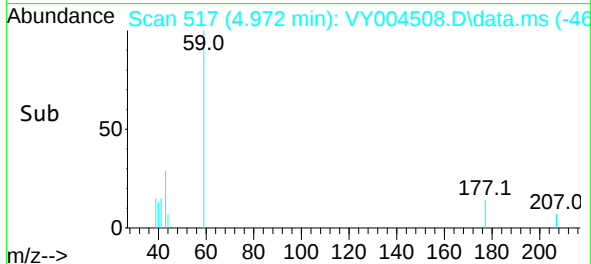
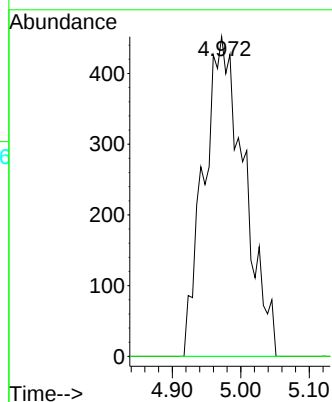
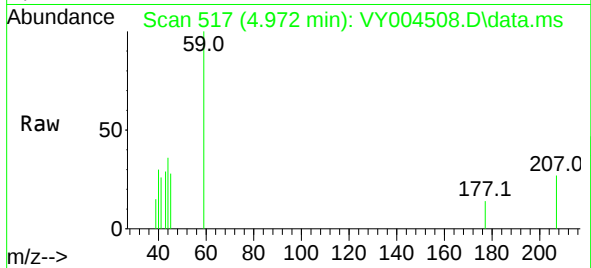




#11
Tert butyl alcohol
Concen: 12.68 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

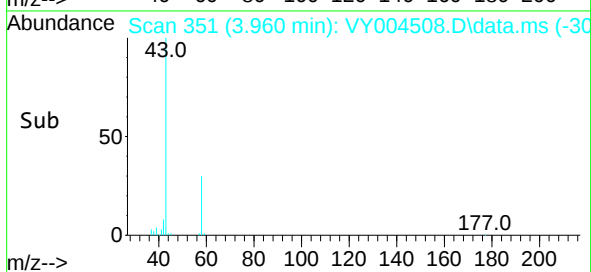
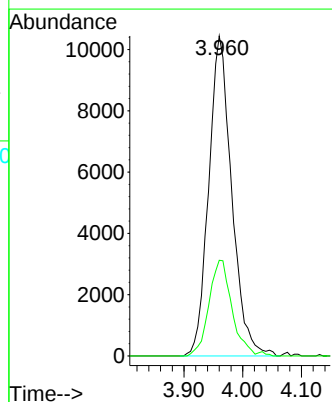
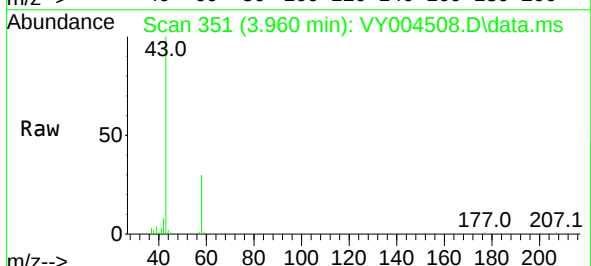
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-14.5-15.0

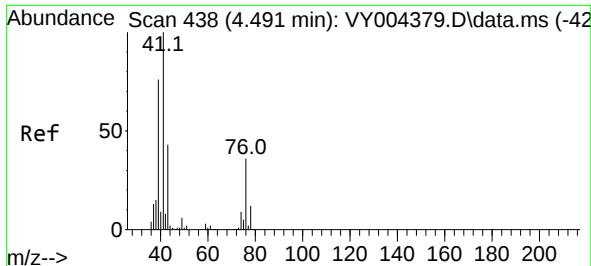
Tgt Ion: 59 Resp: 1849
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 77.19 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

Tgt Ion: 43 Resp: 28415
Ion Ratio Lower Upper
43 100
58 29.9 24.6 37.0

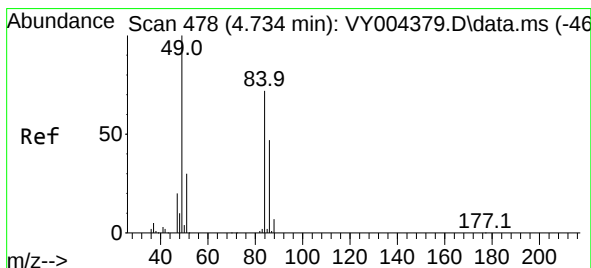
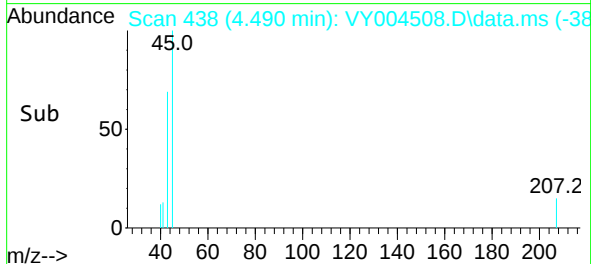
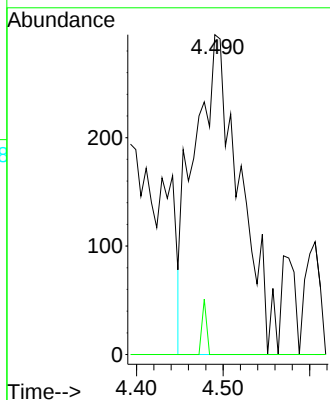
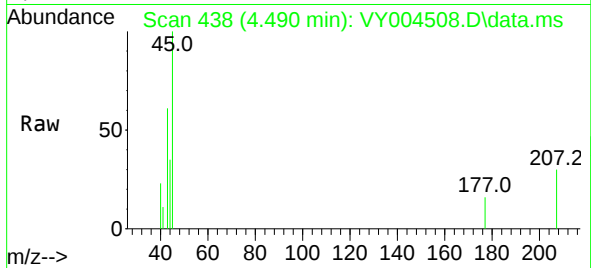




#18
Methyl Acetate
Concen: 1.06 ug/l
RT: 4.490 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

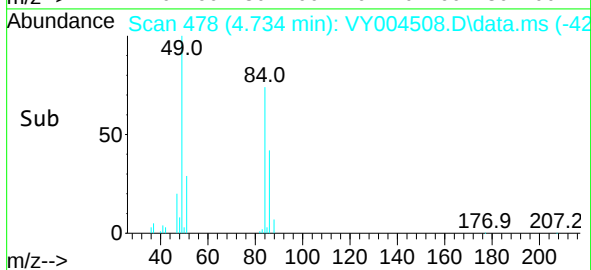
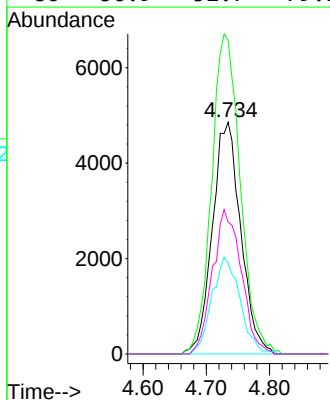
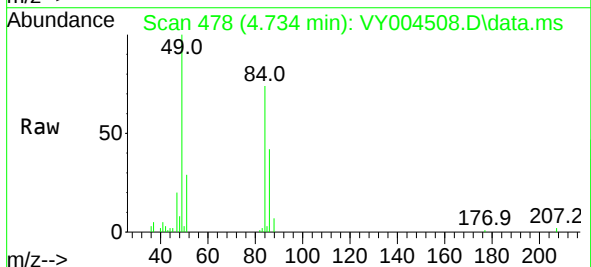
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-14.5-15.0

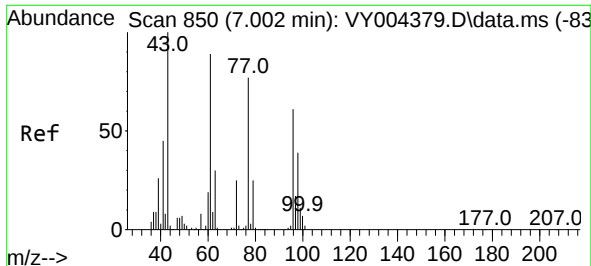
Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
74 1.7 17.2 25.8#



#20
Methylene Chloride
Concen: 10.56 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

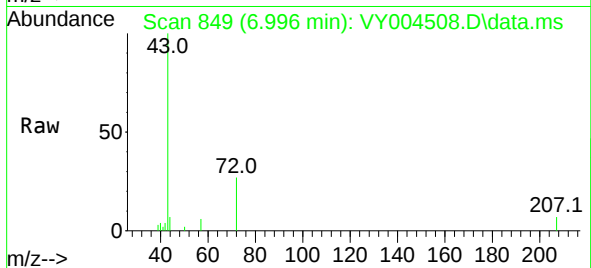
Tgt Ion: 84 Resp: 15093
Ion Ratio Lower Upper
84 100
49 135.3 111.2 166.8
51 39.3 33.4 50.2
86 56.9 52.7 79.1



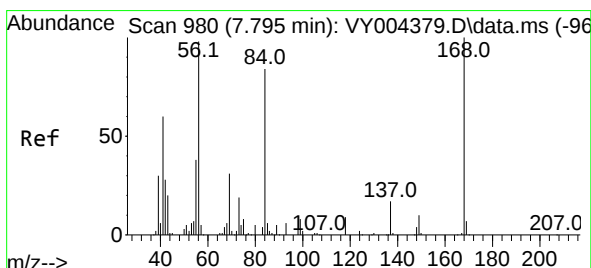
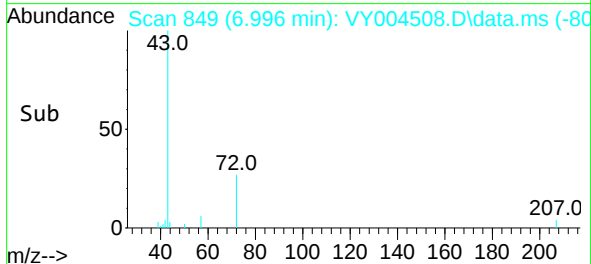
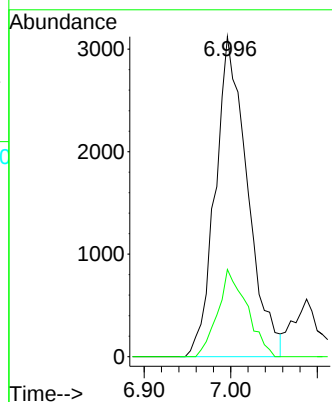


#25
2-Butanone
Concen: 14.27 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-14.5-15.0

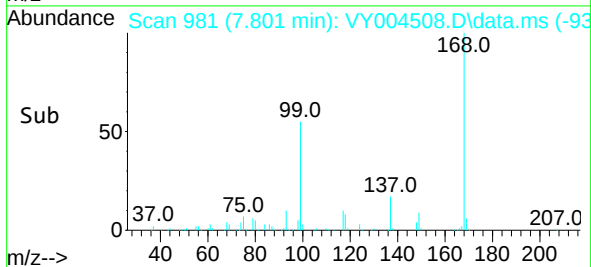
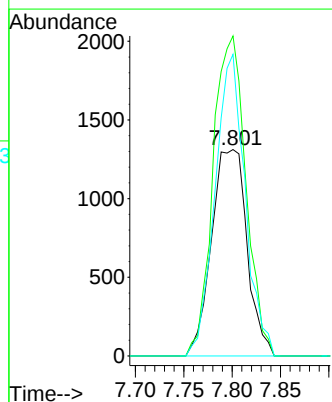
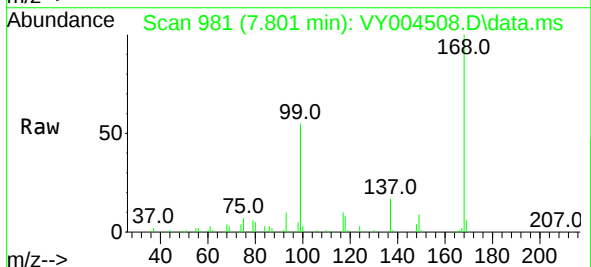


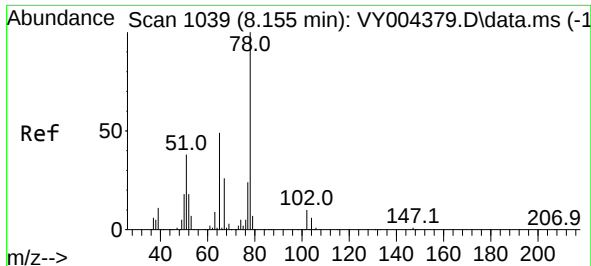
Tgt Ion: 43 Resp: 8041
Ion Ratio Lower Upper
43 100
72 27.3 20.2 30.2



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

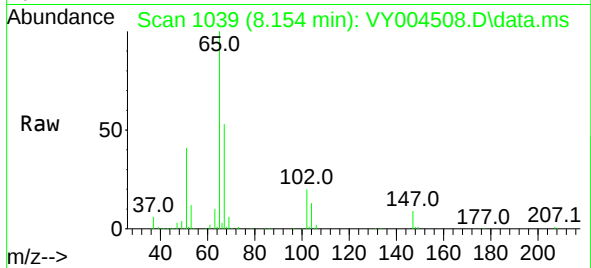
Tgt Ion: 56 Resp: 3343
Ion Ratio Lower Upper
56 100
69 155.0 25.8 38.6#
84 146.1 68.2 102.4#



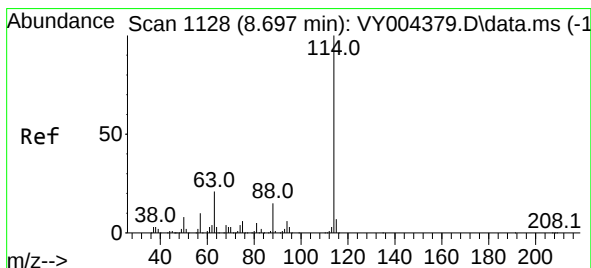
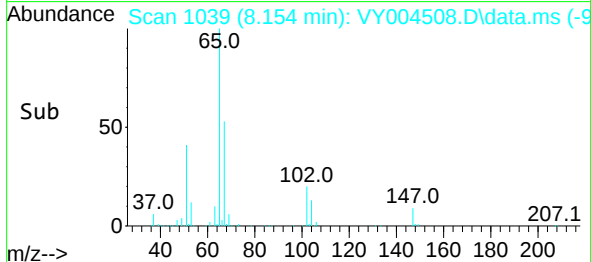
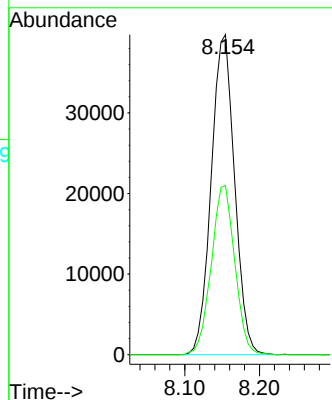


#33
 1,2-Dichloroethane-d4
 Concen: 58.35 ug/l
 RT: 8.154 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY004508.D
 Acq: 19 Apr 2021 19:08

Instrument :
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 SB-14-14.5-15.0

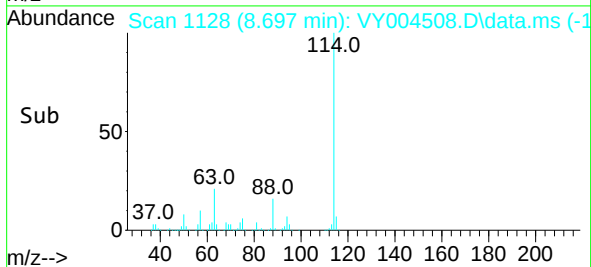
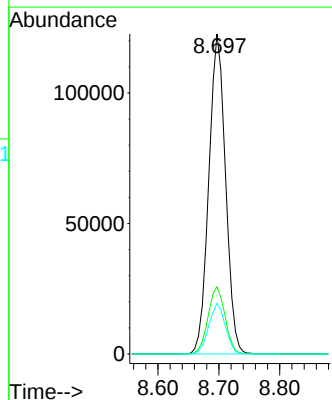
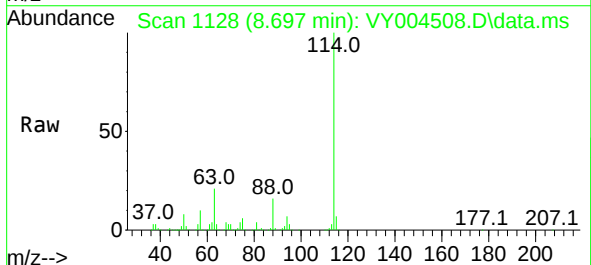


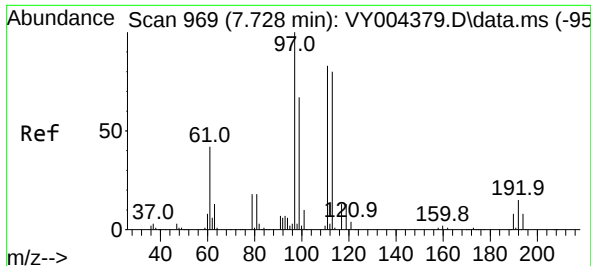
Tgt Ion: 65 Resp: 86341
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004508.D
 Acq: 19 Apr 2021 19:08

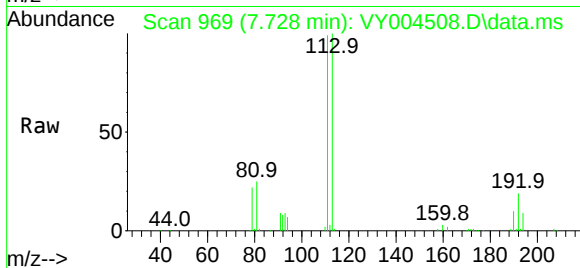
Tgt Ion: 114 Resp: 233893
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 15.8 0.0 30.8



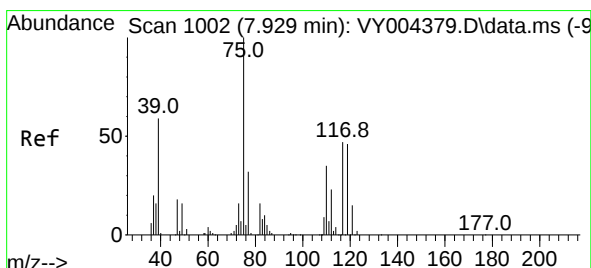
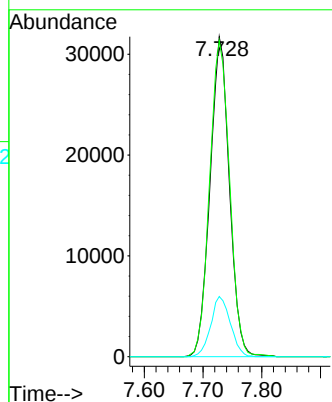
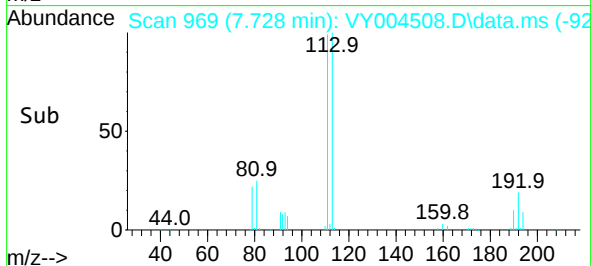


#35
Dibromofluoromethane
Concen: 55.87 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

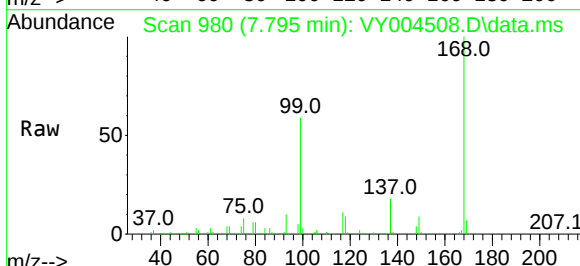
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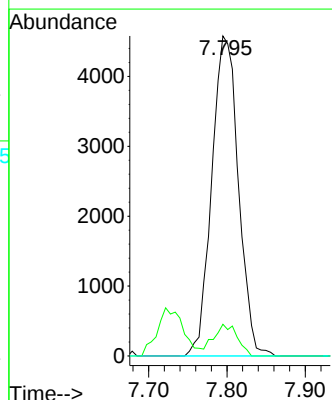
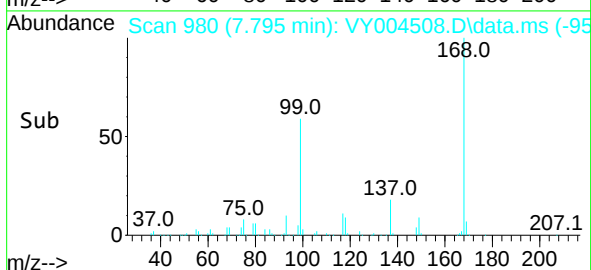
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	19.1	16.1	24.1

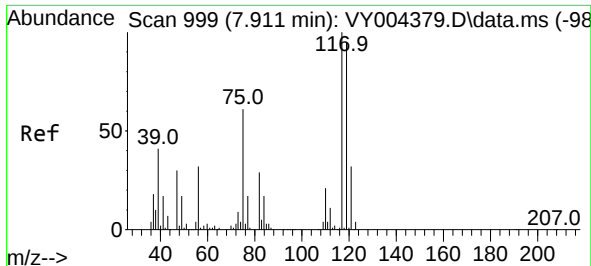


#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08



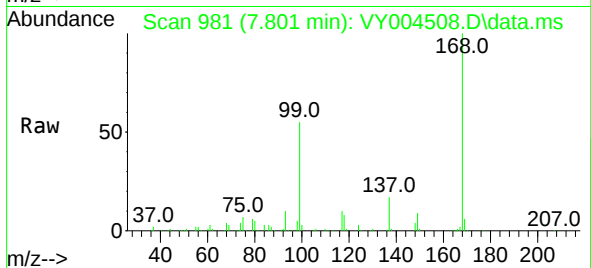
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	51.7#
77	0.0	24.3	36.5#



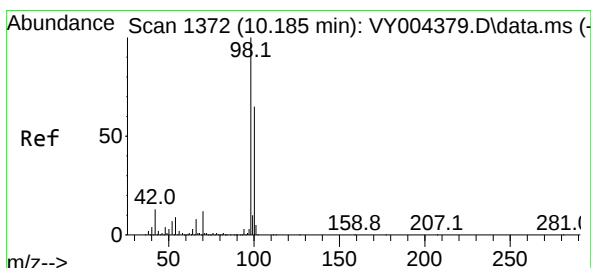
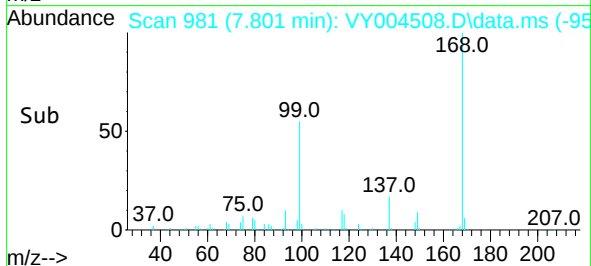
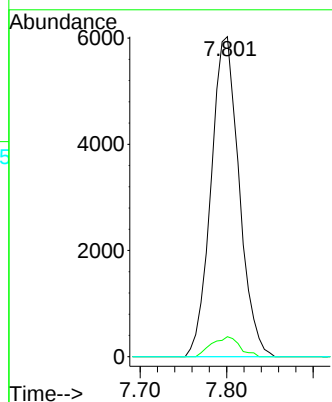


#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-14.5-15.0

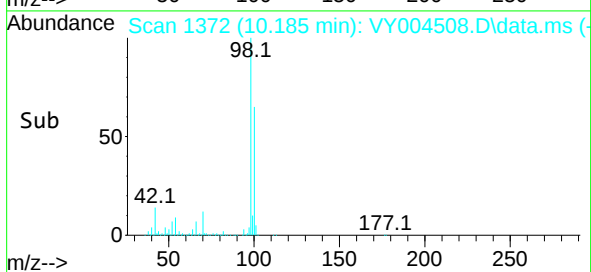
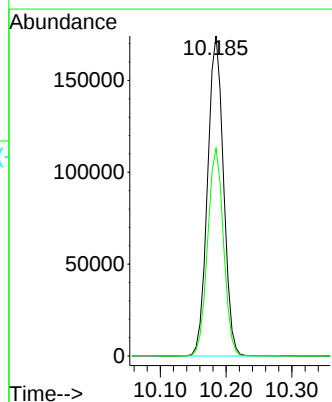
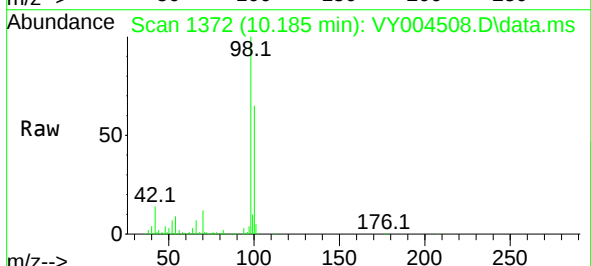


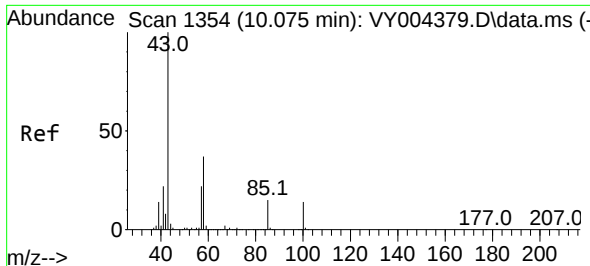
Tgt Ion:117 Resp: 13562
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 53.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

Tgt Ion: 98 Resp: 292862
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

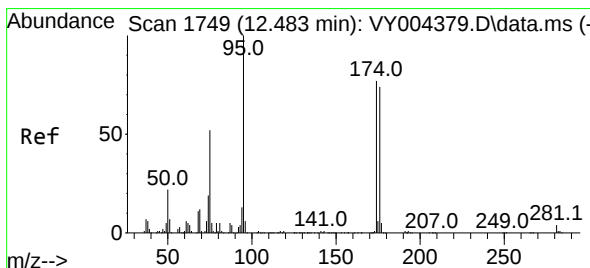
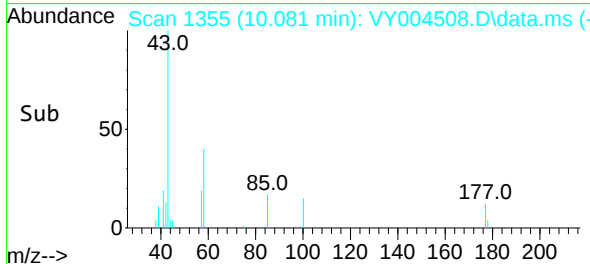
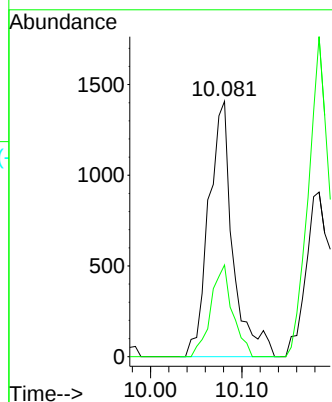
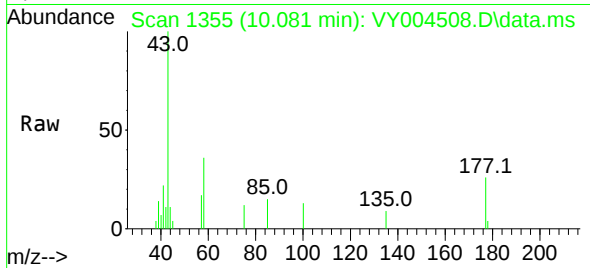




#51
4-Methyl-2-Pentanone
Concen: 1.77 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

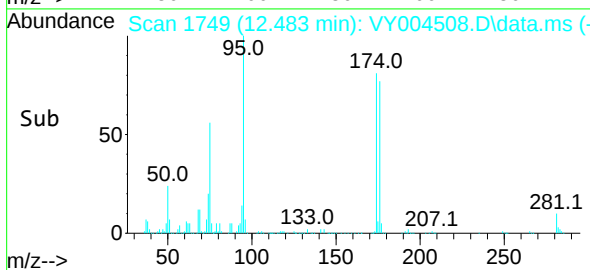
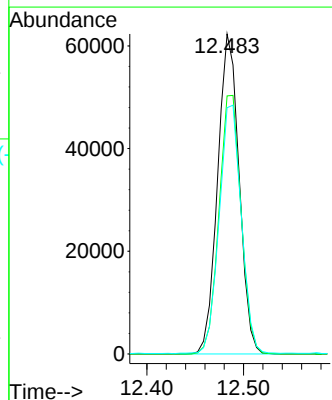
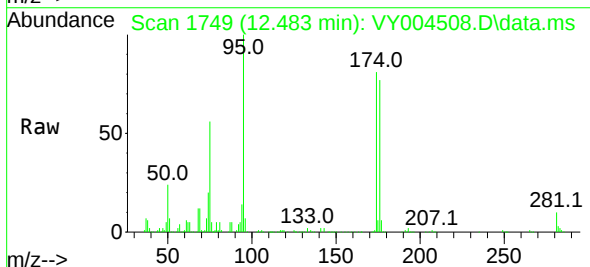
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-14.5-15.0

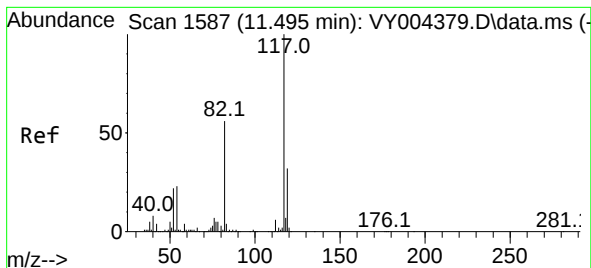
Tgt Ion: 43 Resp: 2579
Ion Ratio Lower Upper
43 100
58 32.3 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 51.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

Tgt Ion: 95 Resp: 95703
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 80.4 0.0 156.0

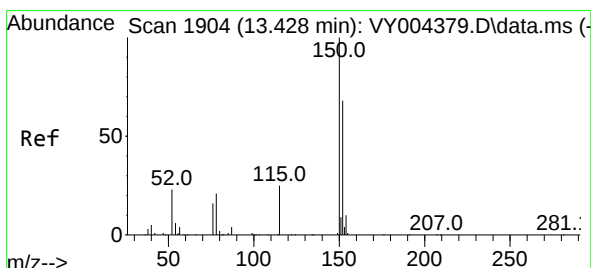
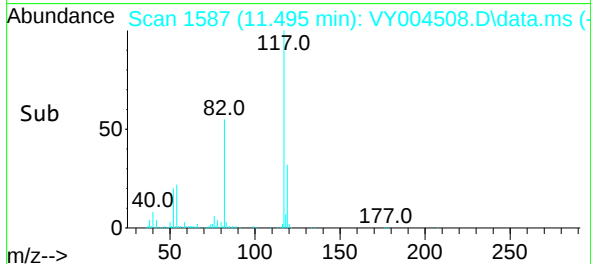
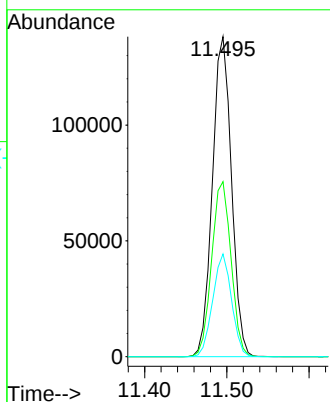
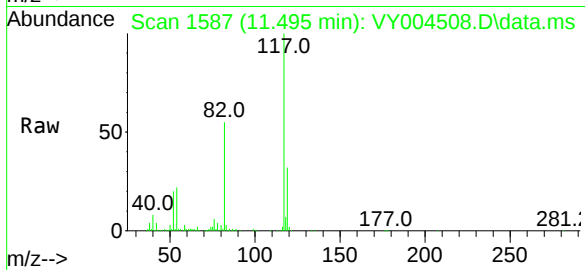




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

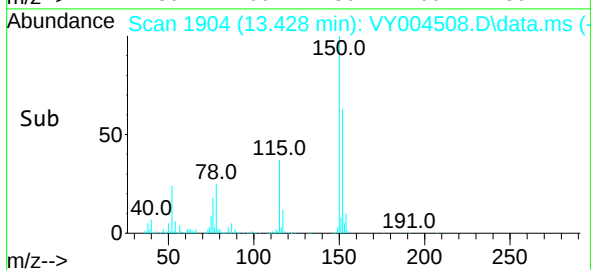
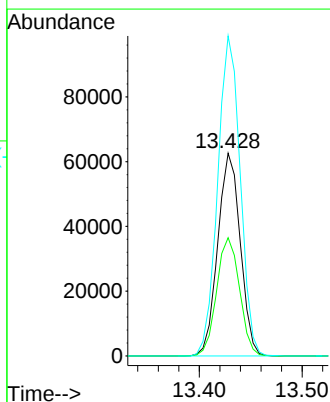
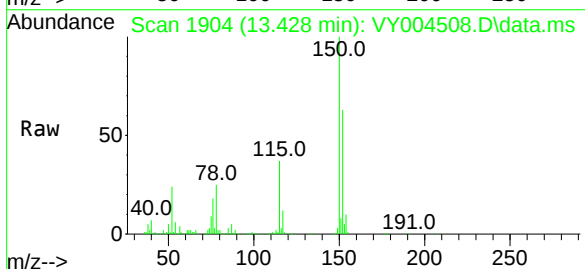
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-14.5-15.0

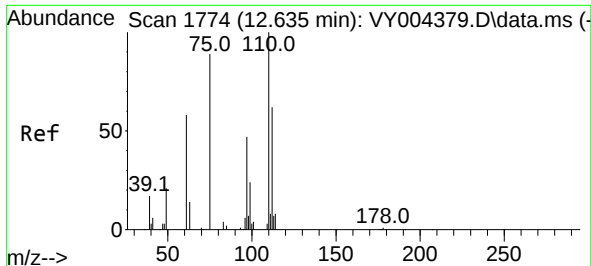
Tgt Ion:117 Resp: 222612
Ion Ratio Lower Upper
117 100
82 54.7 44.9 67.3
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

Tgt Ion:152 Resp: 95225
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.8
150 157.8 0.0 348.4

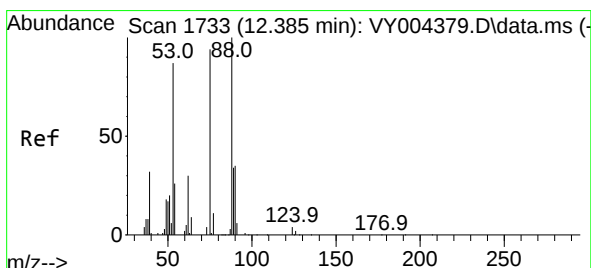
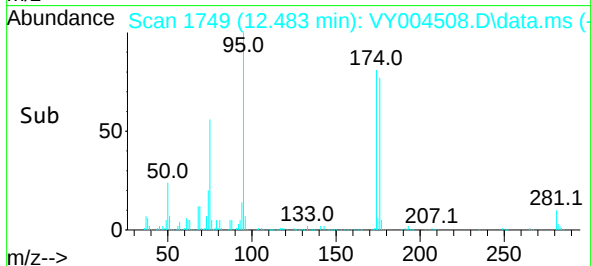
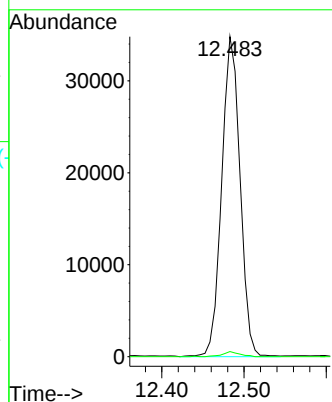
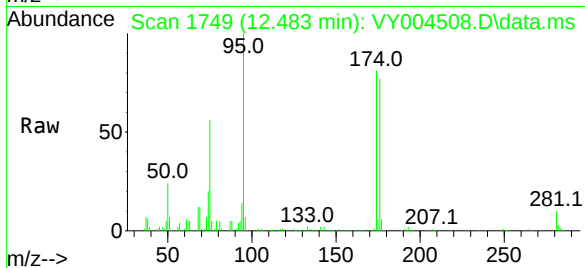




#76
1,2,3-Trichloropropane
Concen: 52.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-14.5-15.0

Tgt Ion: 75 Resp: 54007
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004508.D
Acq: 19 Apr 2021 19:08

Tgt Ion: 75 Resp: 54007
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

