

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004578.D
 Acq On : 22 Apr 2021 12:32
 Operator : SY/MD
 Sample : M2128-01
 Misc : 6.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:18:54 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)

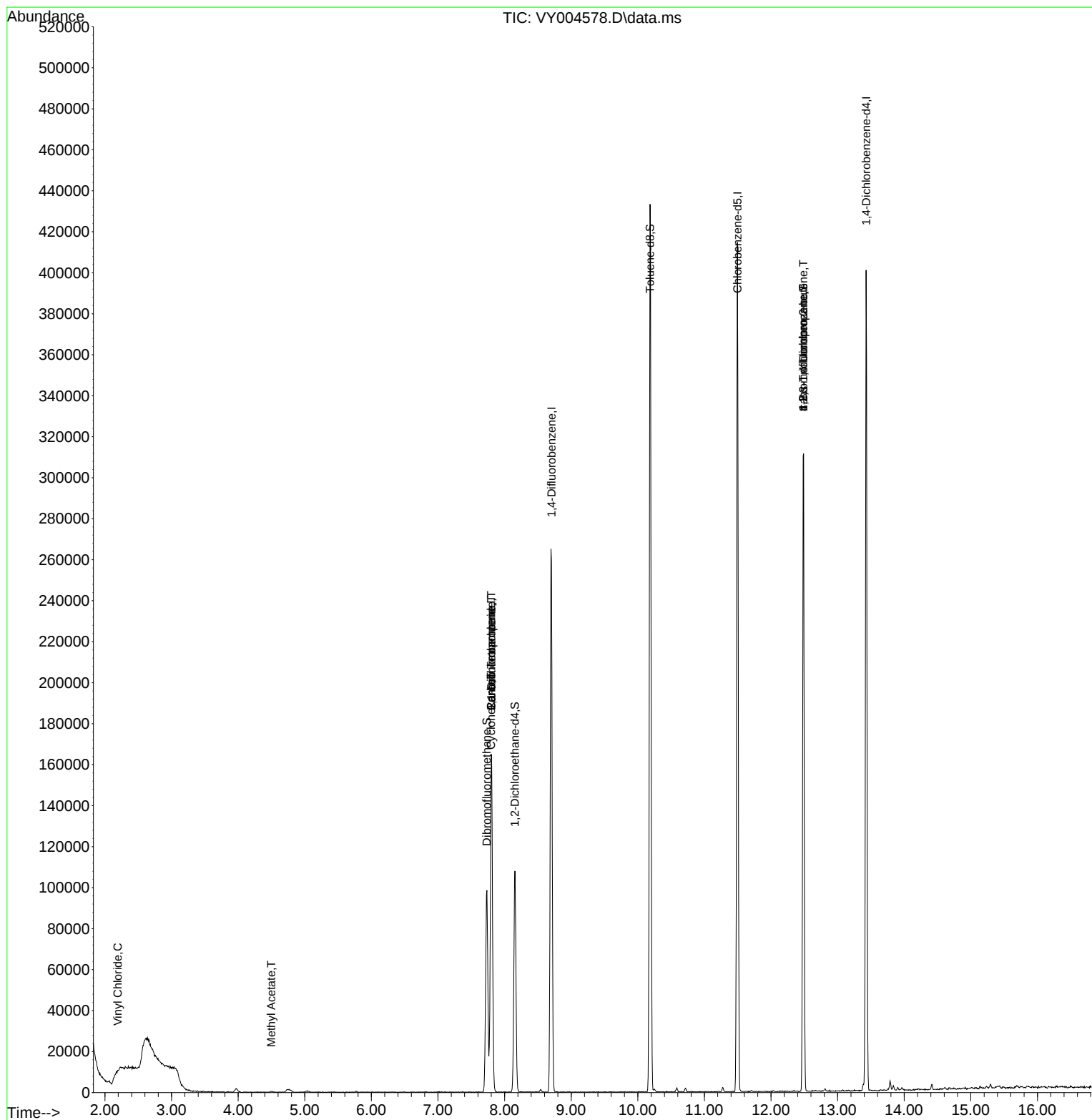
Internal Standards						
1) Pentafluorobenzene	7.801	168	123309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	219737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	206795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	83687	61.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.16%	
35) Dibromofluoromethane	7.734	113	67820	55.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.24%	
50) Toluene-d8	10.185	98	269028	51.87	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.74%	
62) 4-Bromofluorobenzene	12.483	95	91778	52.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.28%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.192	62	3777	2.16	ug/l #	43
16) Acetone	3.972	43	3398	Below	Cal	98
18) Methyl Acetate	4.497	43	981	1.03	ug/l #	70
31) Cyclohexane	7.795	56	3107	1.24	ug/l #	18
36) 1,1-Dichloropropene	7.801	75	10076	4.61	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12641	6.70	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	51034	49.94	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51034	89.34	ug/l #	12

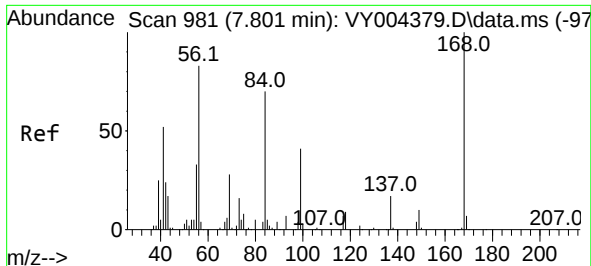
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
Data File : VY004578.D
Acq On : 22 Apr 2021 12:32
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Sample : M2128-01
Misc : 6.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

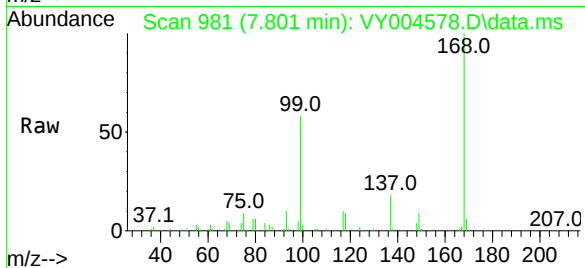
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



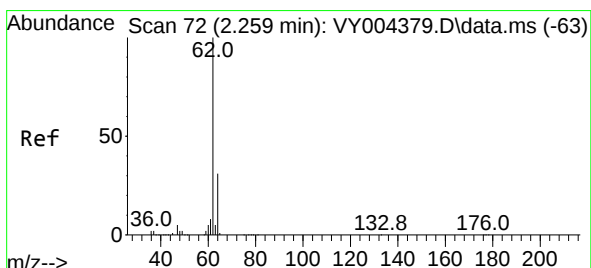
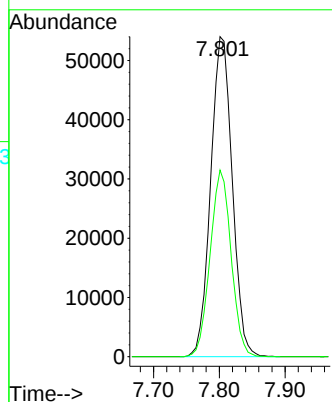
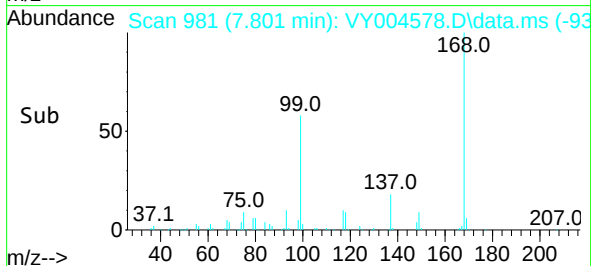


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

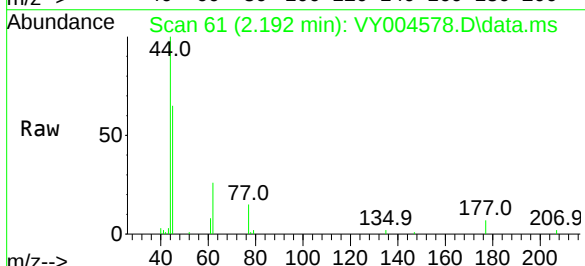
Instrument :
MSVOA_Y
ClientSampled :



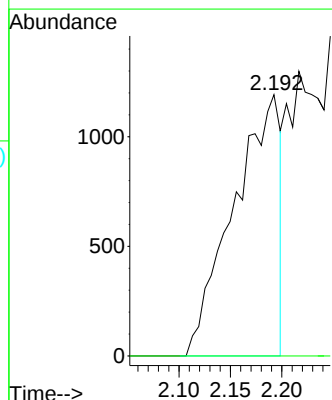
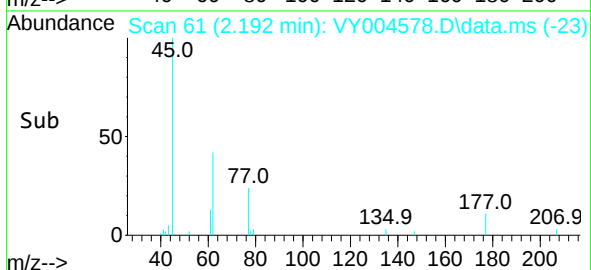
Tgt Ion:168 Resp: 123309
Ion Ratio Lower Upper
168 100
99 58.3 45.5 68.3

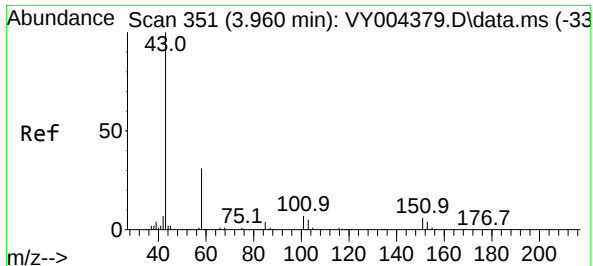


#4
Vinyl Chloride
Concen: 2.16 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.067 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32



Tgt Ion: 62 Resp: 3777
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

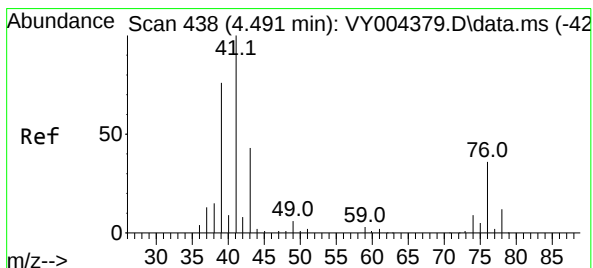
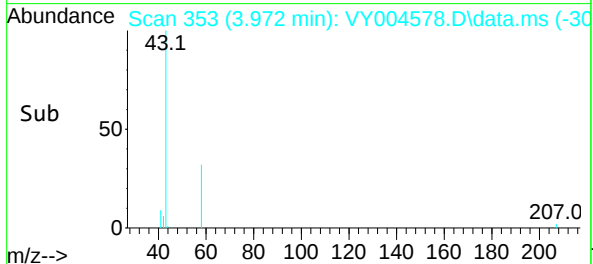
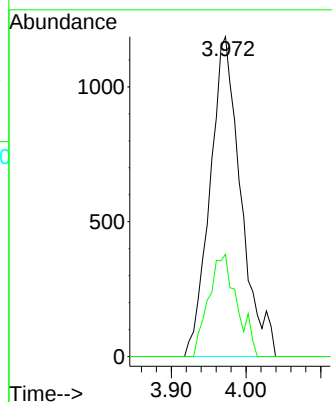
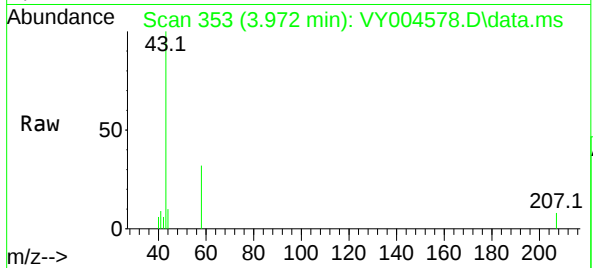




#16
Acetone
Concen: Below Cal
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

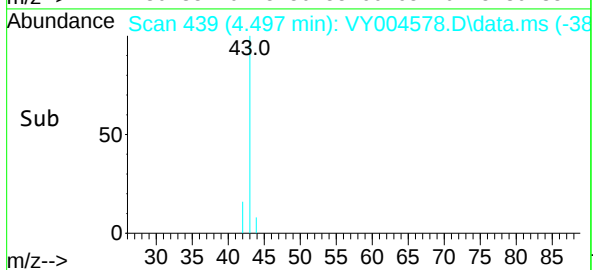
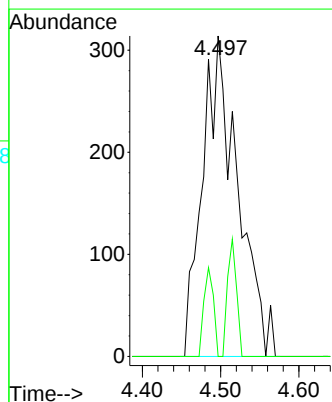
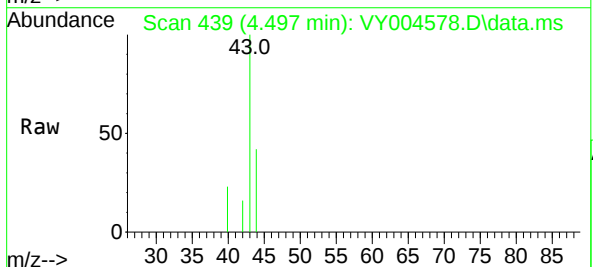
Instrument :
MSVOA_Y
ClientSampled :

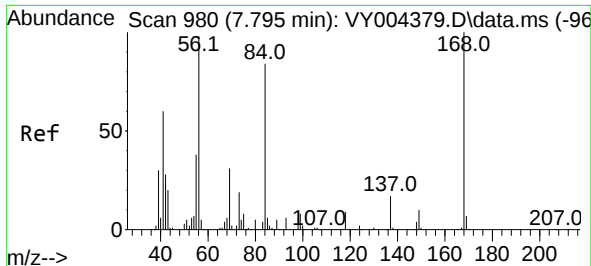
Tgt Ion: 43 Resp: 3398
Ion Ratio Lower Upper
43 100
58 32.0 24.6 37.0



#18
Methyl Acetate
Concen: 1.03 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

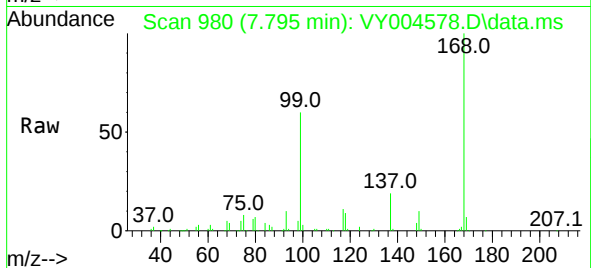
Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
74 7.5 17.2 25.8#



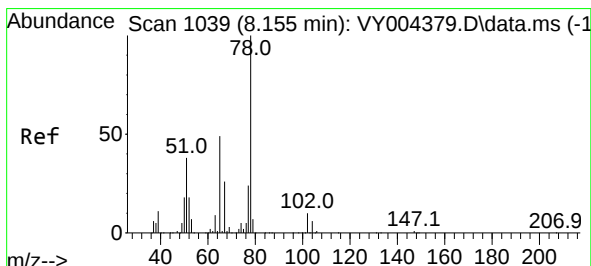
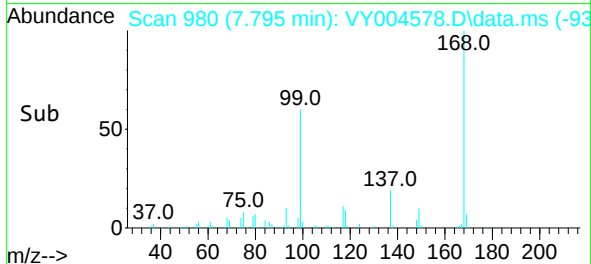
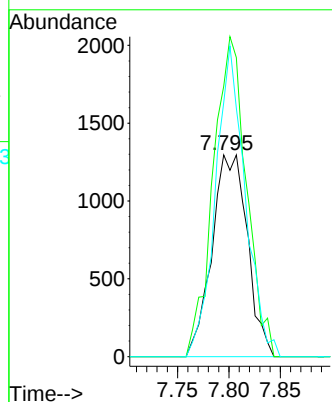


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

Instrument :
MSVOA_Y
ClientSampleId :

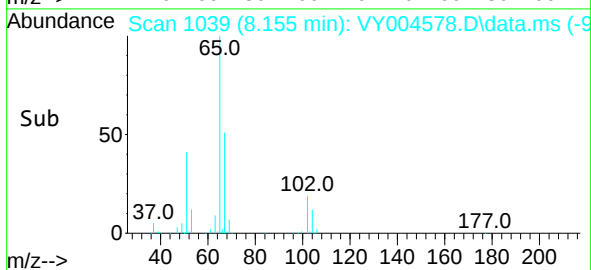
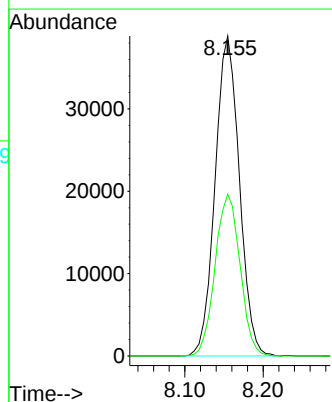
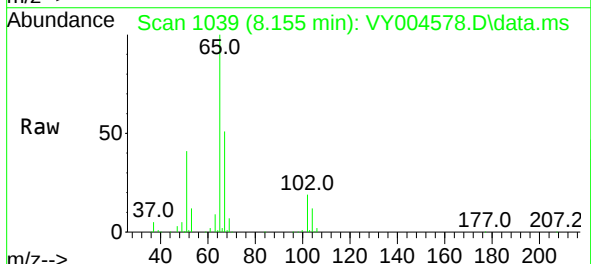


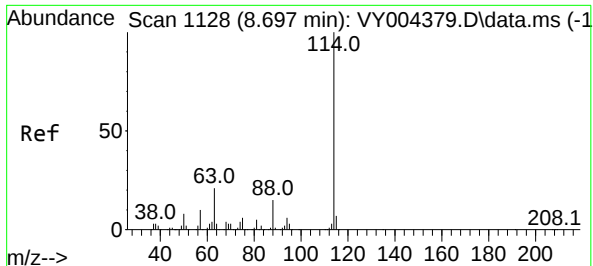
Tgt Ion: 56 Resp: 3107
Ion Ratio Lower Upper
56 100
69 134.0 25.8 38.6#
84 125.9 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 61.08 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

Tgt Ion: 65 Resp: 83687
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4

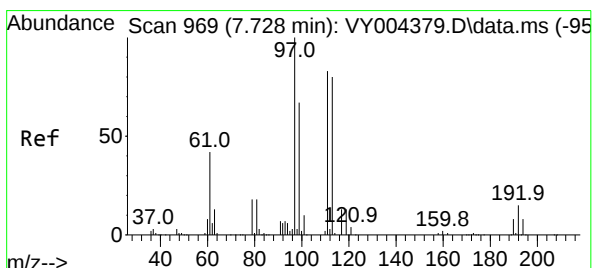
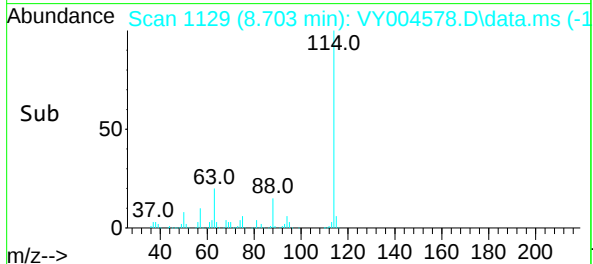
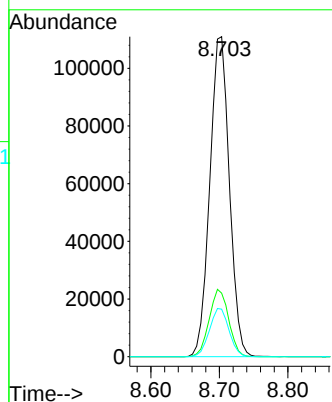
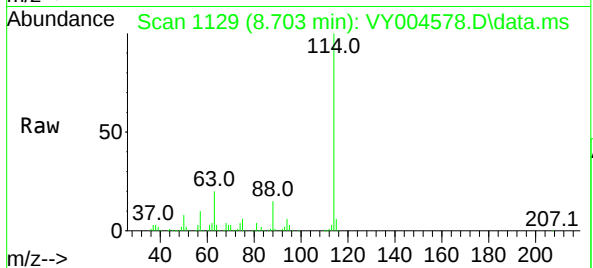




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

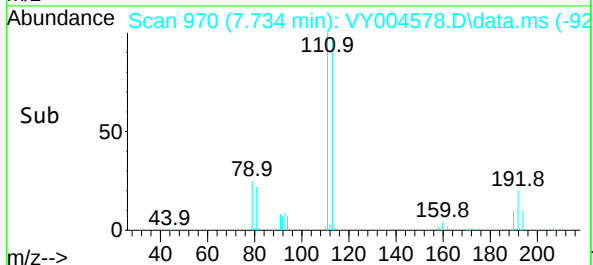
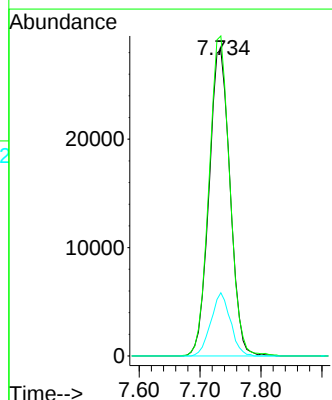
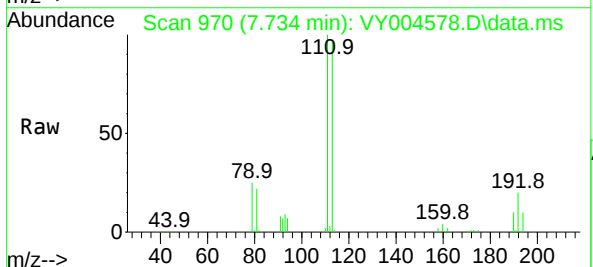
Instrument :
MSVOA_Y
ClientSampled :

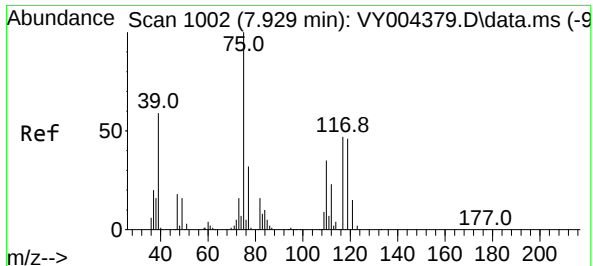
Tgt Ion:114 Resp: 219737
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.62 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

Tgt Ion:113 Resp: 67820
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.2 16.1 24.1

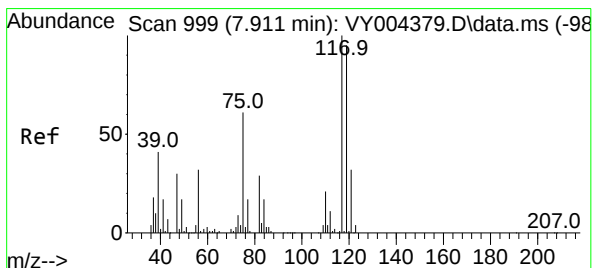
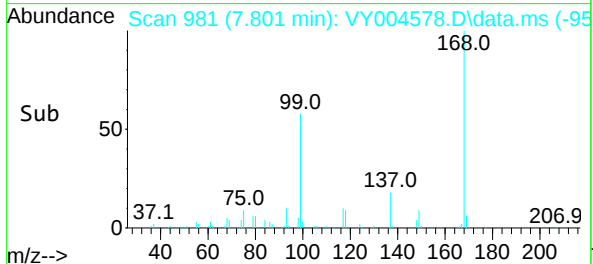
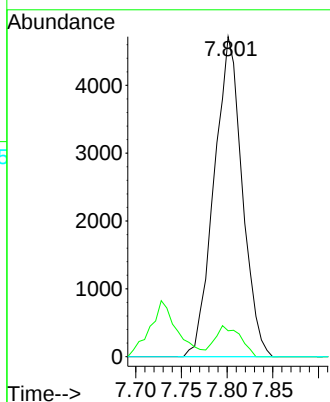
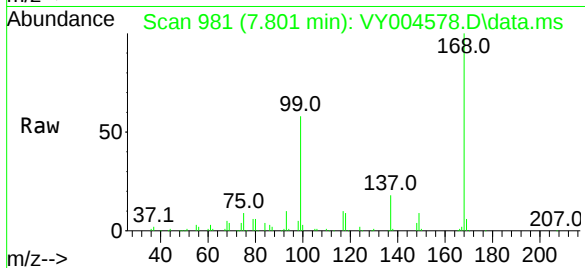




#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

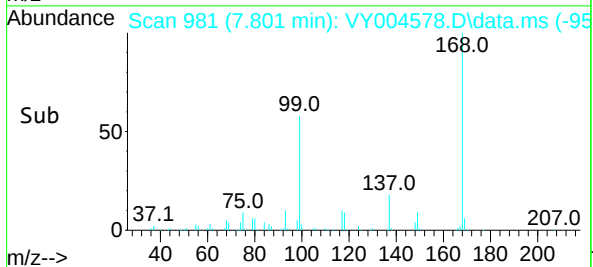
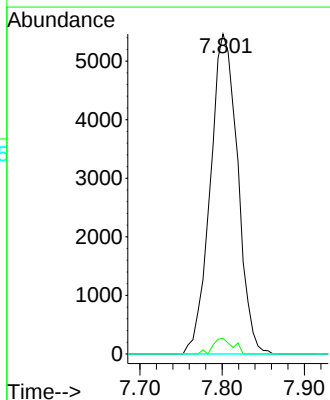
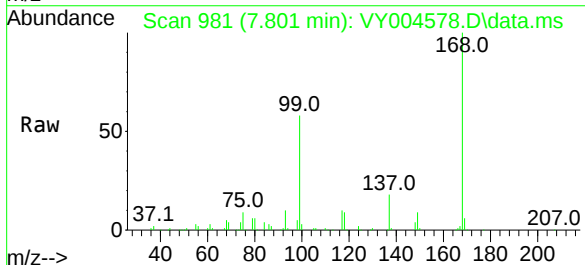
Instrument :
MSVOA_Y
ClientSampled :

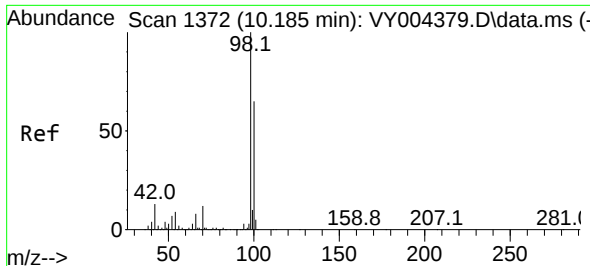
Tgt Ion: 75 Resp: 10076
Ion Ratio Lower Upper
75 100
110 8.6 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.70 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

Tgt Ion: 117 Resp: 12641
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 25.3 37.9#

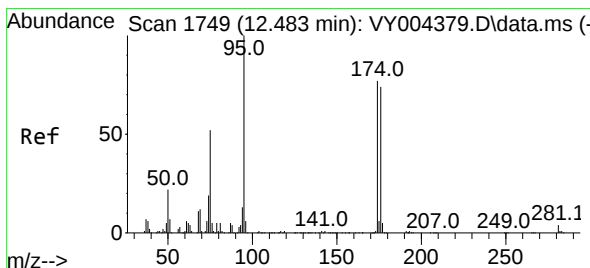
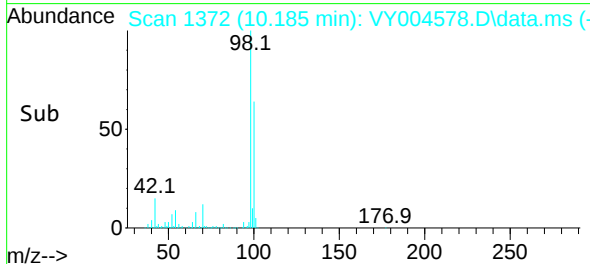
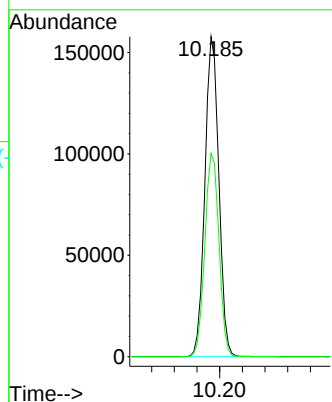
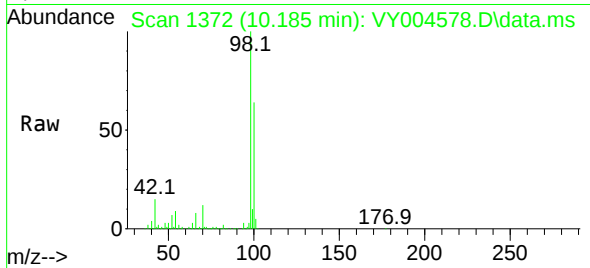




#50
Toluene-d8
Concen: 51.87 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

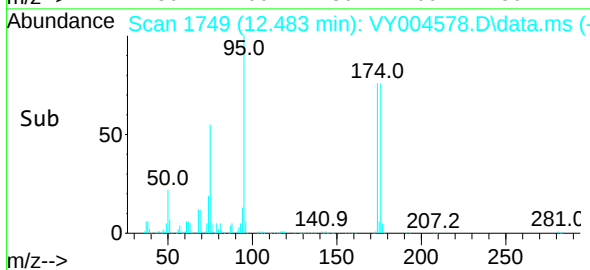
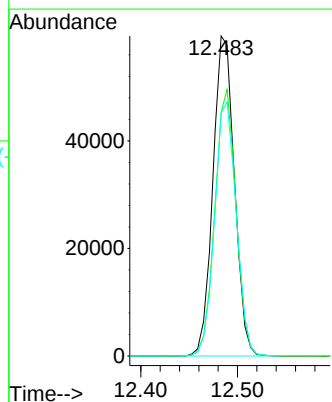
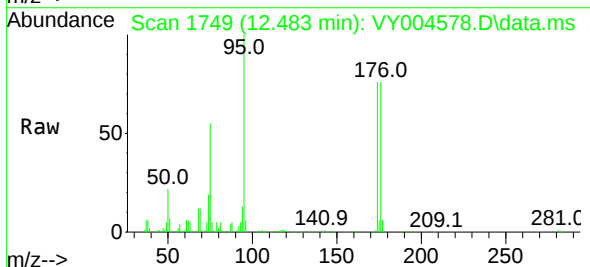
Instrument :
MSVOA_Y
ClientSampled :

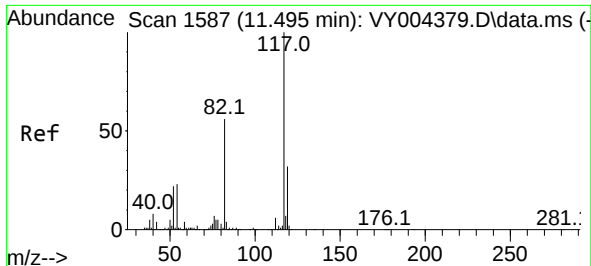
Tgt Ion: 98 Resp: 269028
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

Tgt Ion: 95 Resp: 91778
Ion Ratio Lower Upper
95 100
174 82.2 0.0 162.4
176 79.8 0.0 156.0

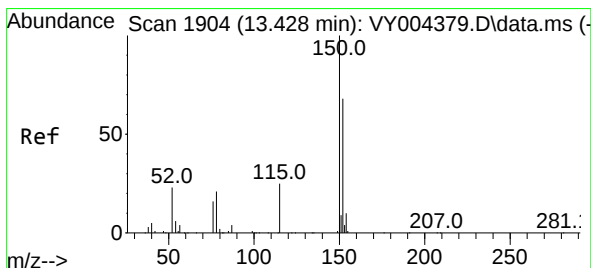
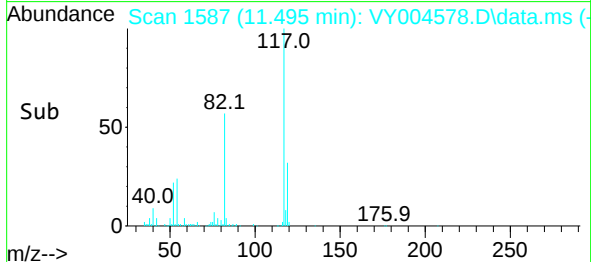
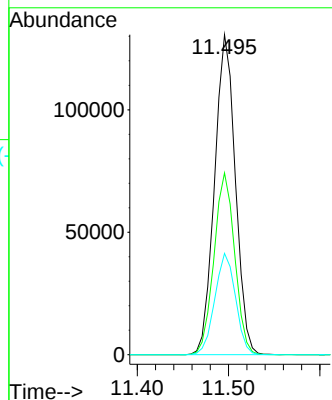
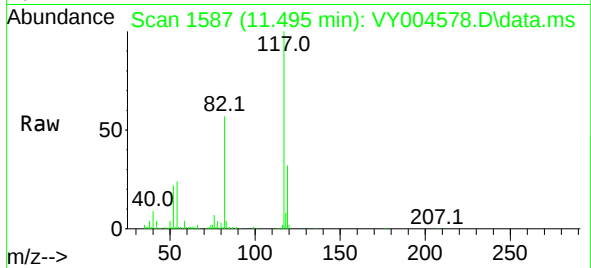




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

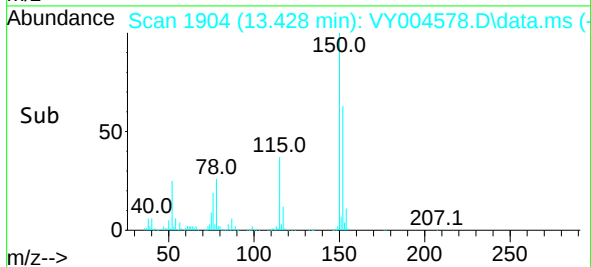
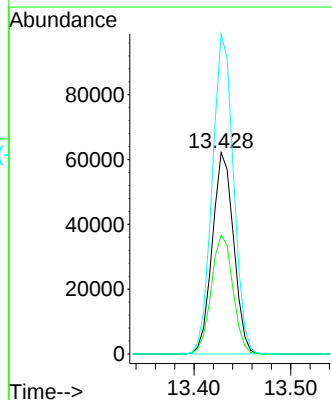
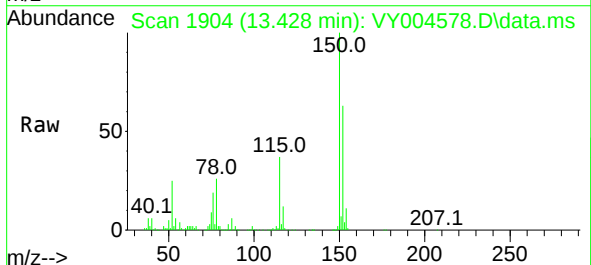
Instrument :
MSVOA_Y
ClientSampled :

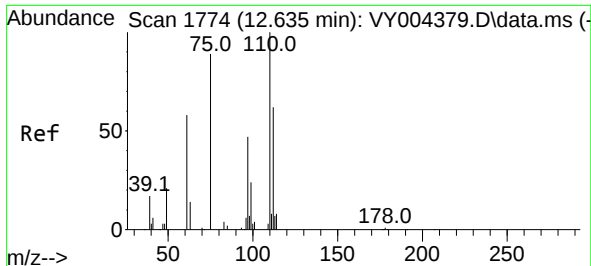
Tgt Ion:117 Resp: 206795
Ion Ratio Lower Upper
117 100
82 56.8 44.9 67.3
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

Tgt Ion:152 Resp: 95206
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.8
150 158.0 0.0 348.4

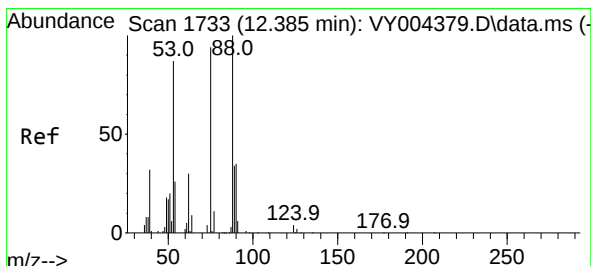
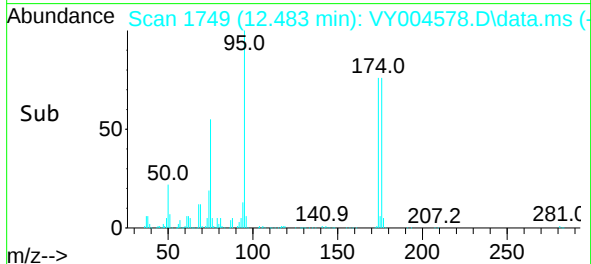
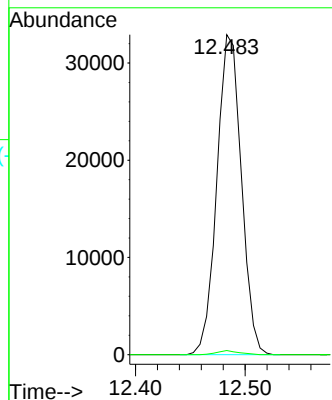
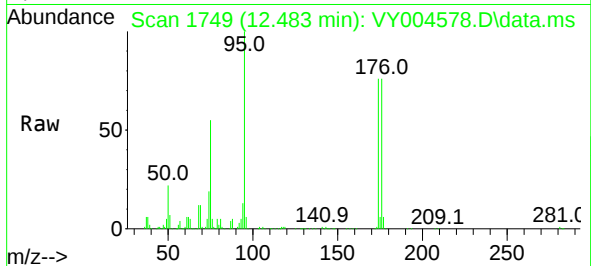




#76
1,2,3-Trichloropropane
Concen: 49.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 51034
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004578.D
Acq: 22 Apr 2021 12:32

Tgt Ion: 75 Resp: 51034
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

