

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005681.D
 Acq On : 16 Aug 2021 19:24
 Operator : SY/MD
 Sample : M3429-04
 Misc : 10.83G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

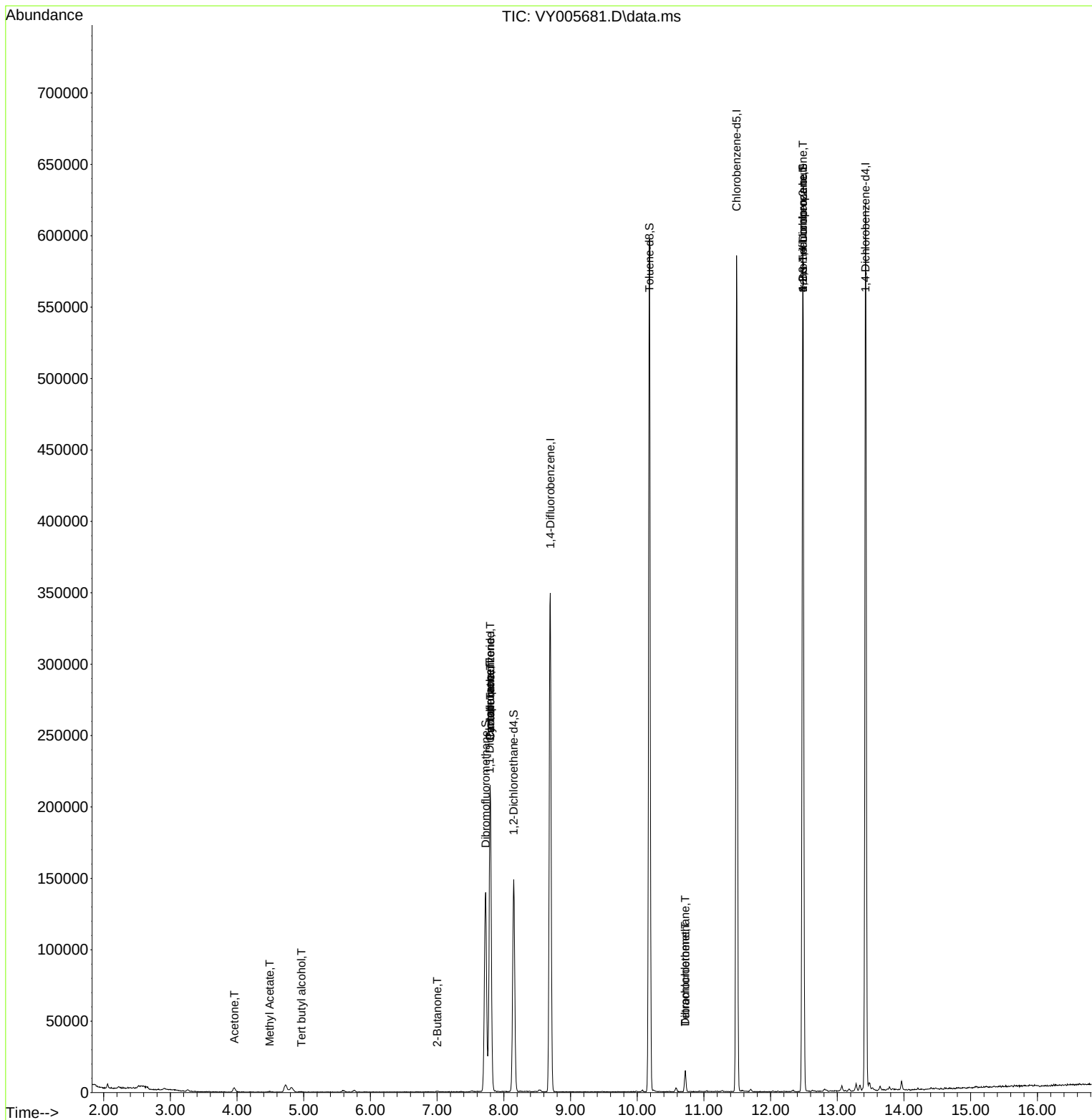
Quant Time: Aug 17 05:21:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

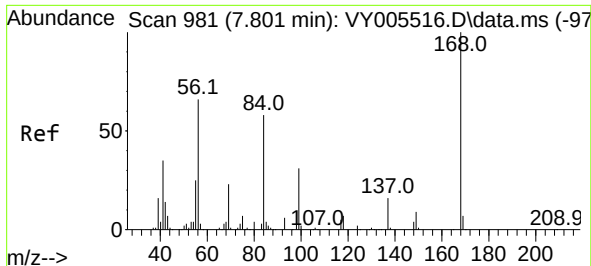
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	172514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	311489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120568	69.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.080%			
35) Dibromofluoromethane	7.728	113	92995	56.231	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.460%			
50) Toluene-d8	10.185	98	382584	55.160	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.320%			
62) 4-Bromofluorobenzene	12.483	95	139133	60.576	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 121.160%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	664	3.846	ug/l #	73
16) Acetone	3.960	43	5186	11.779	ug/l	99
18) Methyl Acetate	4.491	43	1227	1.066	ug/l #	78
20) Methylene Chloride	4.722	84	3594	Below Cal		89
25) 2-Butanone	7.003	43	690	1.060	ug/l #	48
31) Cyclohexane	7.795	56	3660	1.222	ug/l #	39
36) 1,1-Dichloropropene	7.789	75	12651	4.566	ug/l #	51
38) Carbon Tetrachloride	7.795	117	16030	5.324	ug/l #	17
60) Dibromochloromethane	10.721	129	2262	1.151	ug/l #	11
64) Tetrachloroethene	10.721	164	2818	1.189	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	79168	48.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79168	97.620	ug/l #	11

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

Quant Time: Aug 17 05:21:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

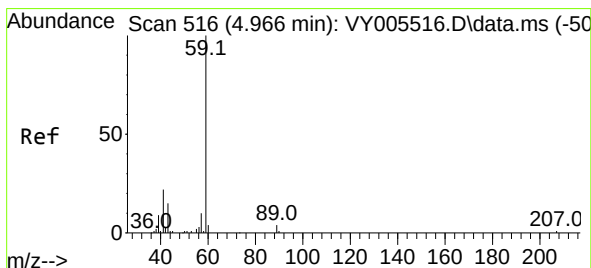
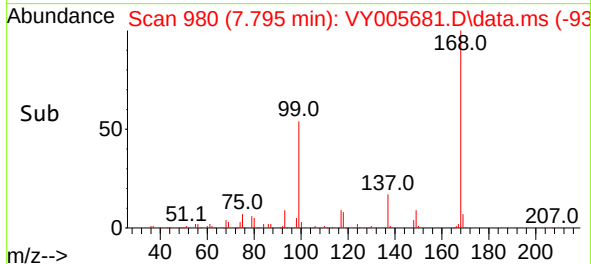
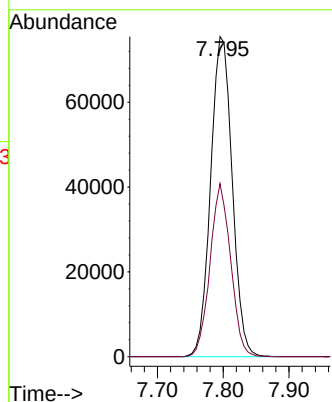
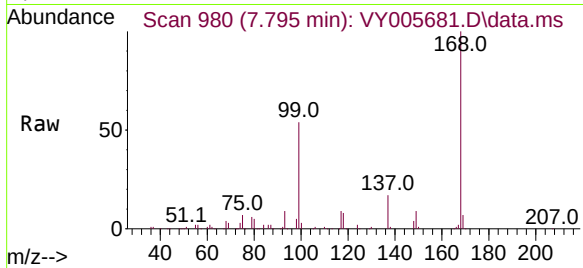




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

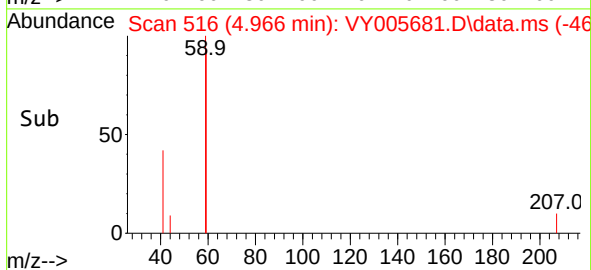
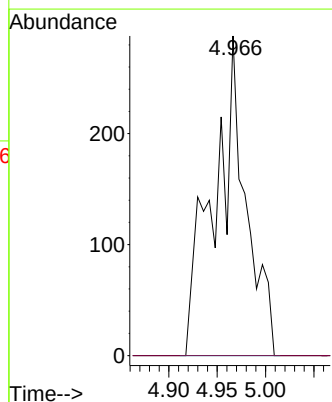
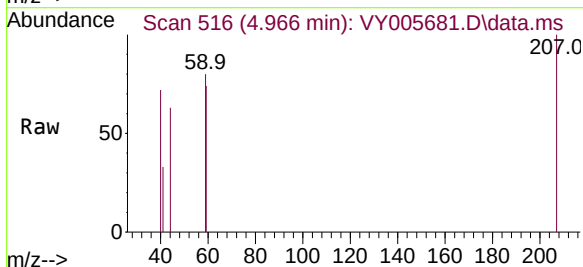
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

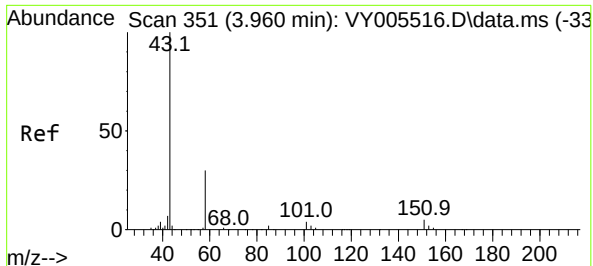
Tgt Ion:168 Resp: 172514
Ion Ratio Lower Upper
168 100
99 54.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.846 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

Tgt Ion: 59 Resp: 664
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

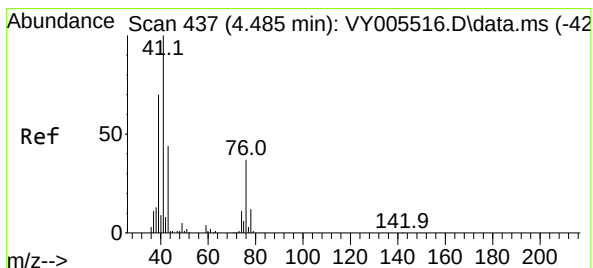
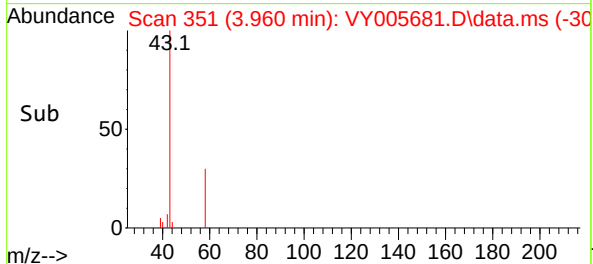
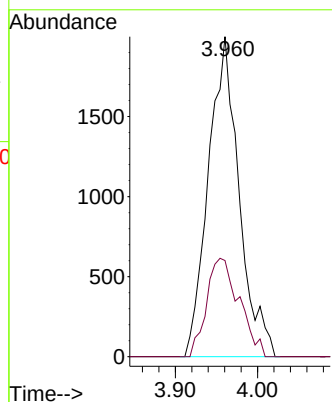
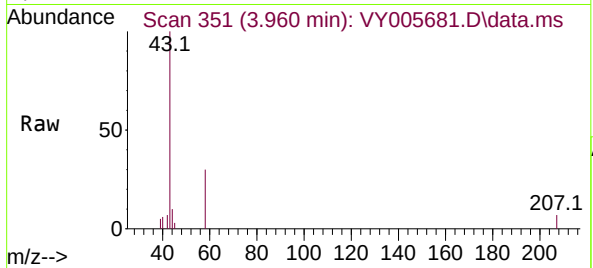




#16
Acetone
Concen: 11.779 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

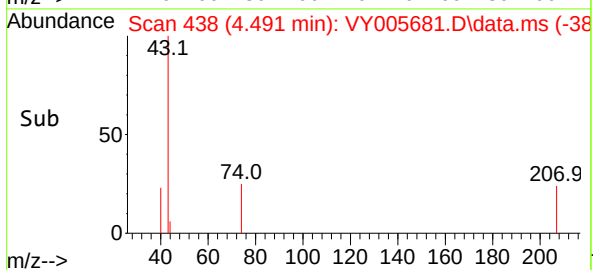
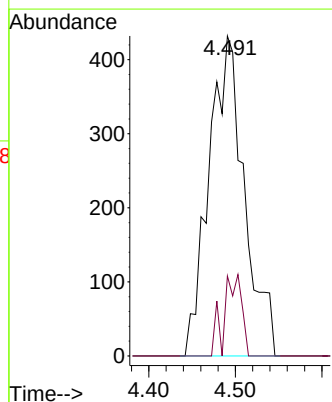
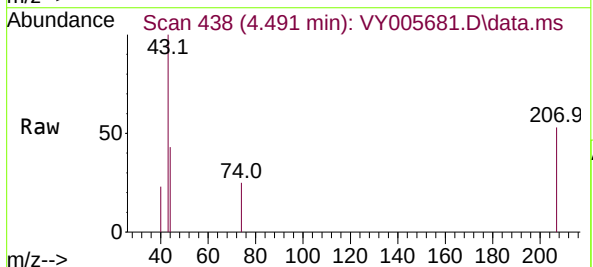
Instrument :
MSVOA_Y
ClientSampled :
WC-2

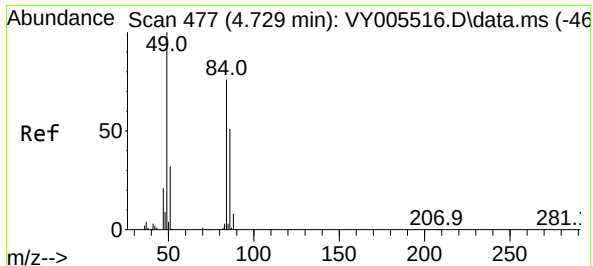
Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6



#18
Methyl Acetate
Concen: 1.066 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
74 12.9 19.0 28.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY005681.D

Acq: 16 Aug 2021 19:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-2

Tgt Ion: 84 Resp: 3594

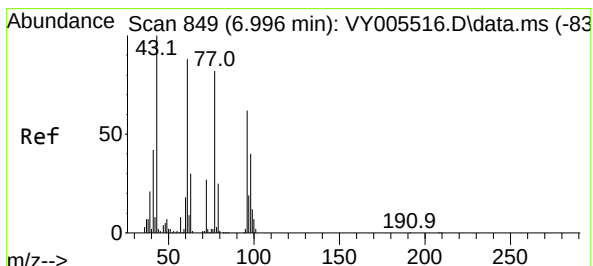
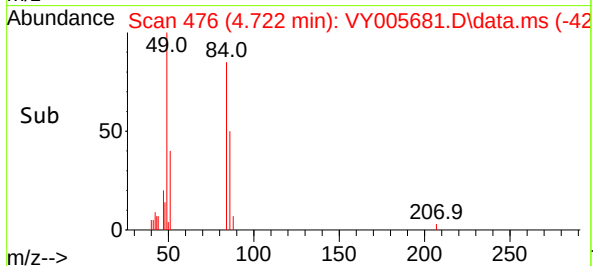
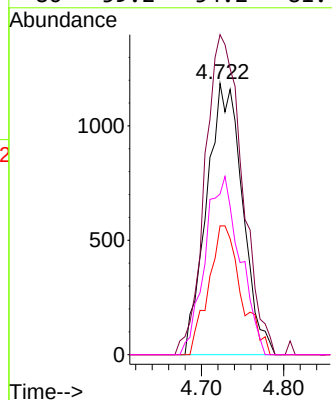
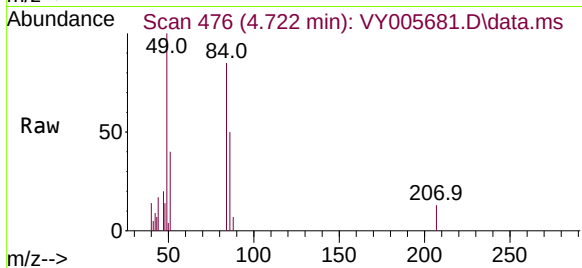
Ion Ratio Lower Upper

84 100

49 118.0 105.8 158.6

51 47.5 33.4 50.2

86 59.2 54.2 81.4



#25

2-Butanone

Concen: 1.060 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY005681.D

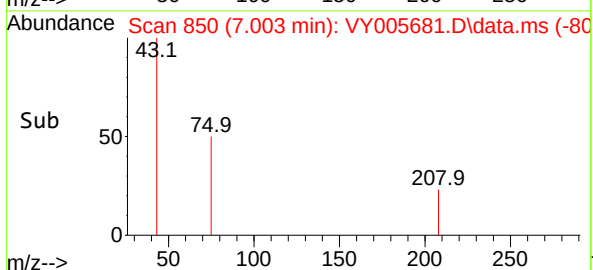
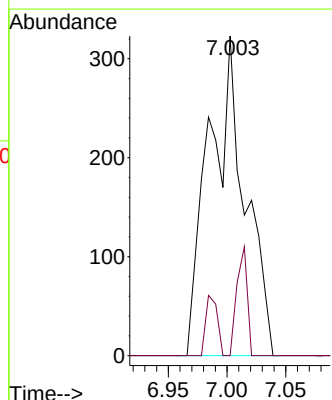
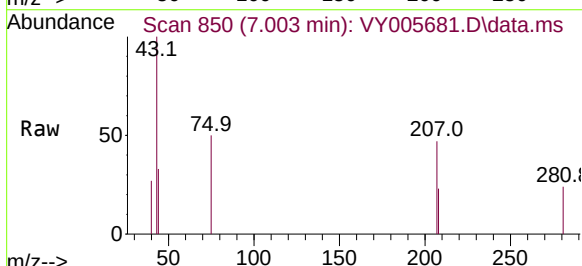
Acq: 16 Aug 2021 19:24

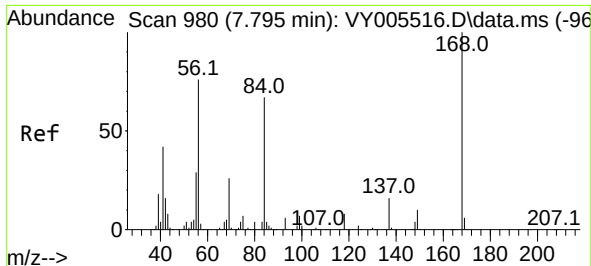
Tgt Ion: 43 Resp: 690

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

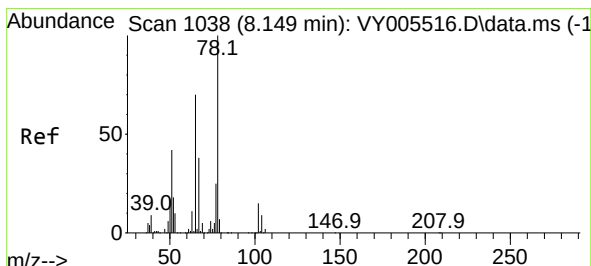
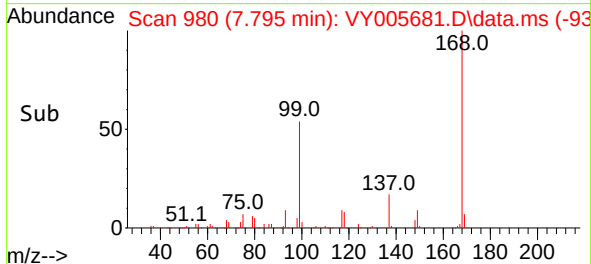
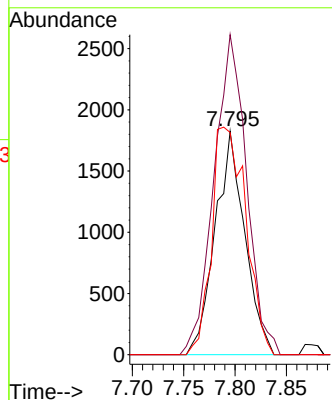
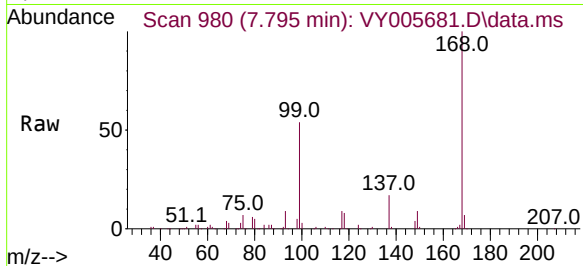




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

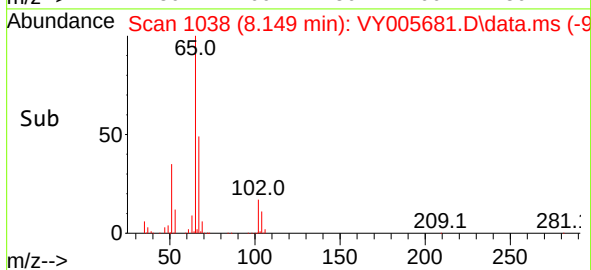
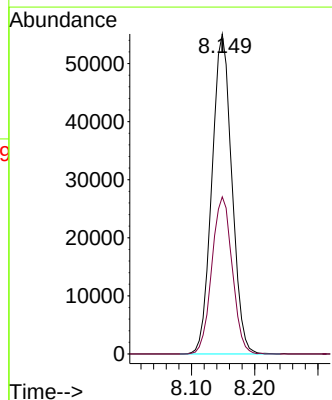
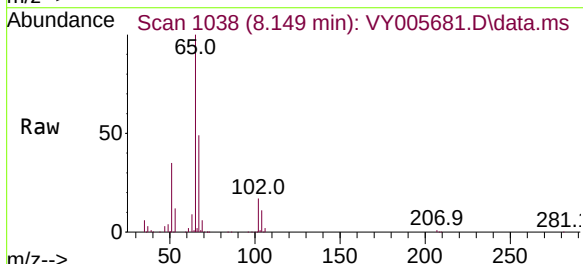
Instrument :
MSVOA_Y
ClientSampled :
WC-2

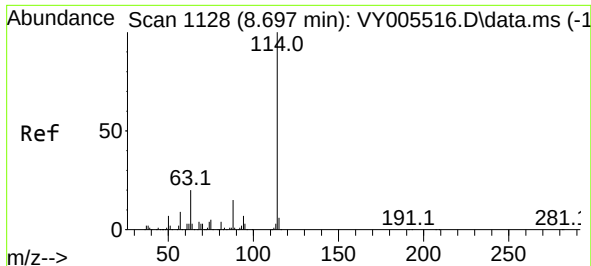
Tgt Ion: 56 Resp: 3660
Ion Ratio Lower Upper
56 100
69 143.2 27.7 41.5#
84 99.4 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 69.043 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

Tgt Ion: 65 Resp: 120568
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4

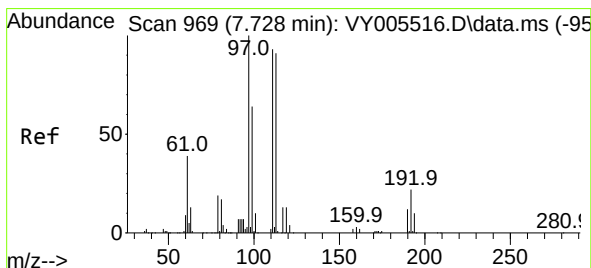
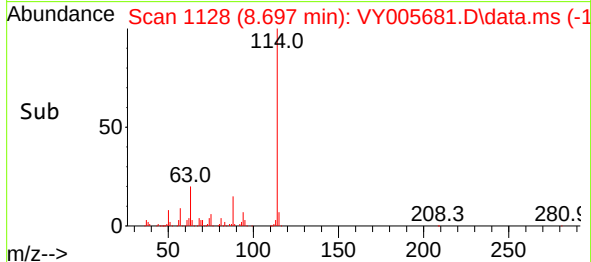
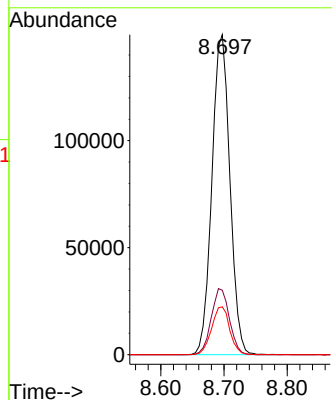
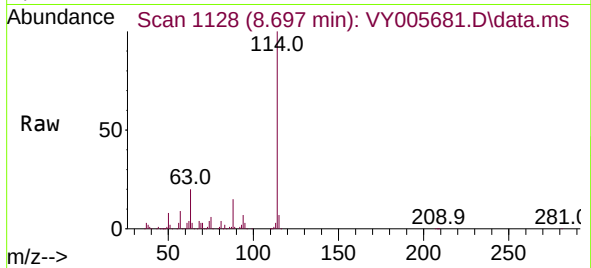




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

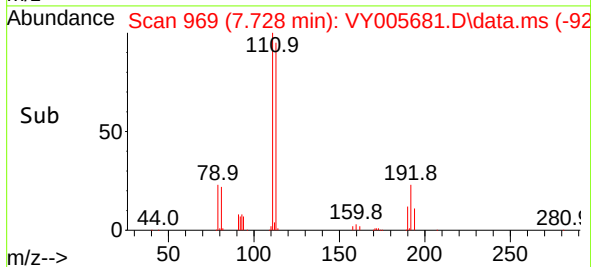
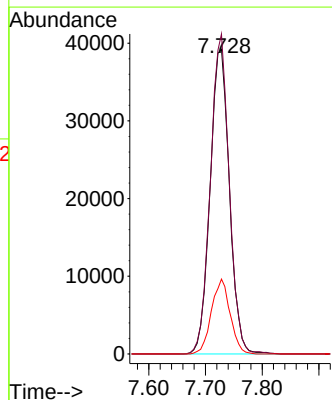
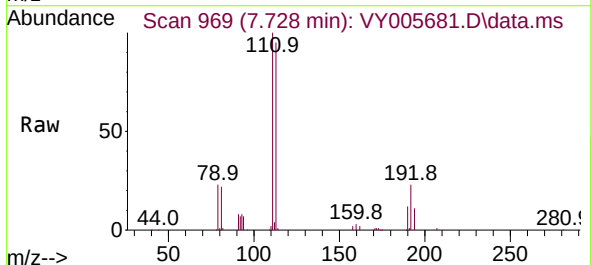
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

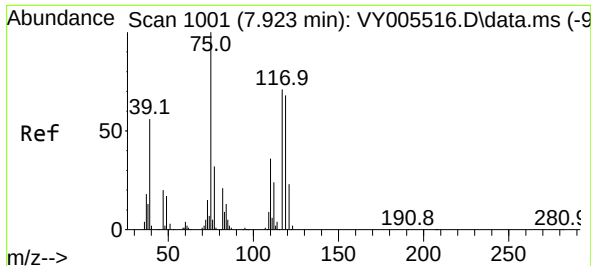
Tgt Ion:114 Resp: 295385
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.231 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

Tgt Ion:113 Resp: 92995
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 23.7 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.566 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY005681.D

Acq: 16 Aug 2021 19:24

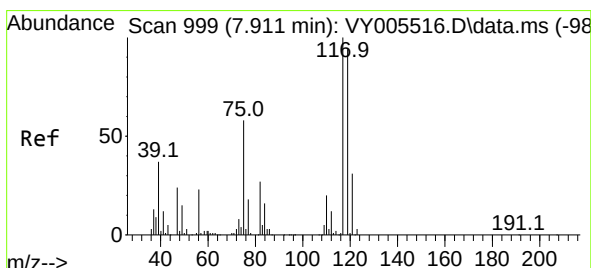
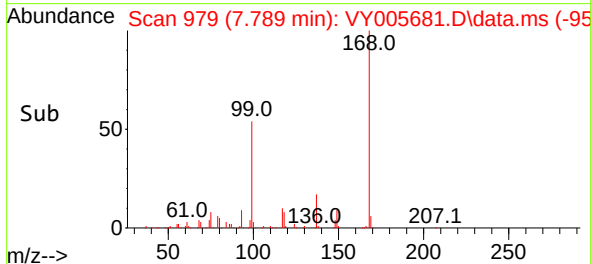
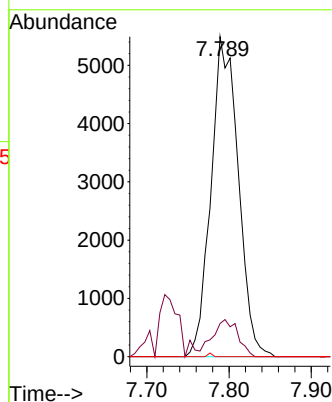
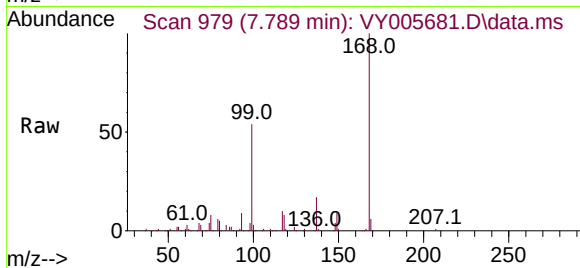
Instrument :

MSVOA_Y

ClientSampled :

WC-2

Tgt Ion:	75	Resp:	12651
Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.1#
77	0.2	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.324 ug/l

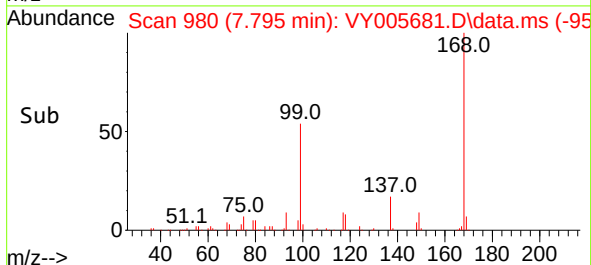
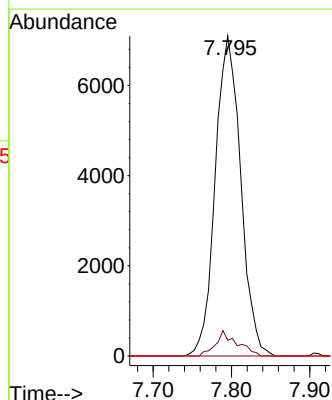
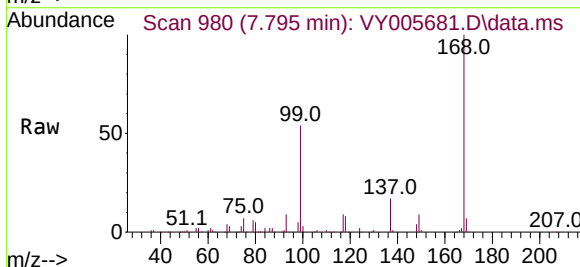
RT: 7.795 min Scan# 980

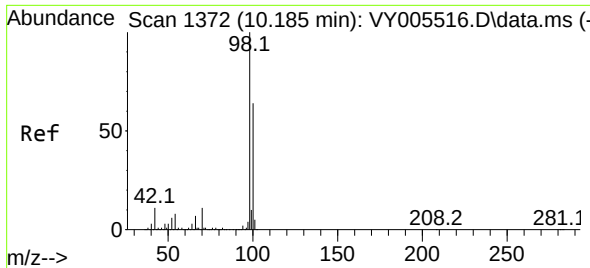
Delta R.T. -0.116 min

Lab File: VY005681.D

Acq: 16 Aug 2021 19:24

Tgt Ion:	117	Resp:	16030
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.0#
121	0.0	25.1	37.7#

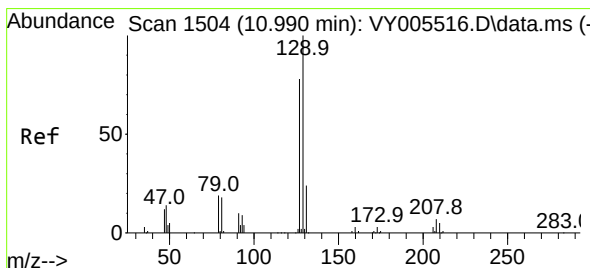
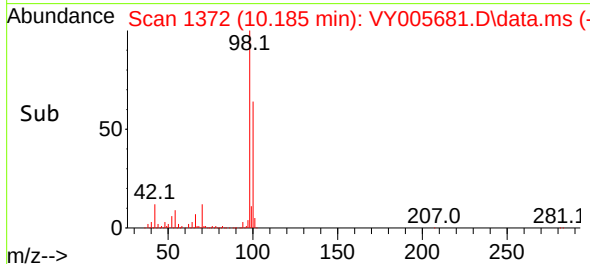
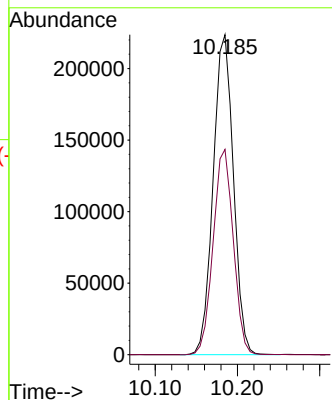
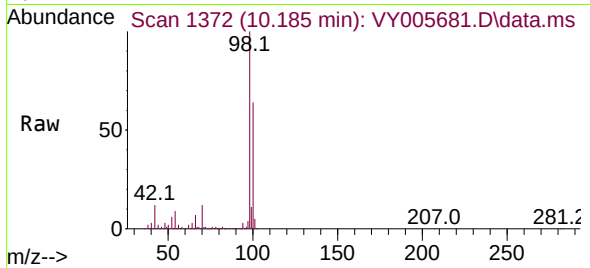




#50
Toluene-d8
Concen: 55.160 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

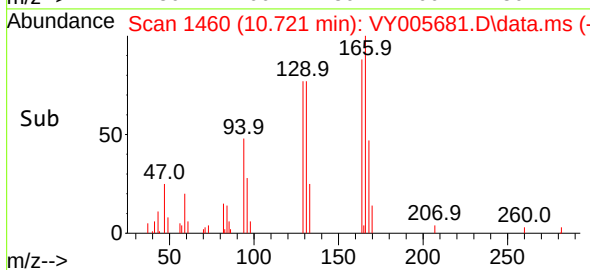
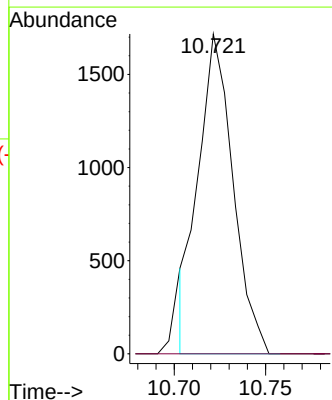
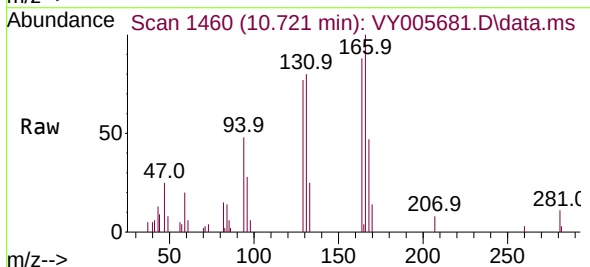
Instrument :
MSVOA_Y
ClientSampled :
WC-2

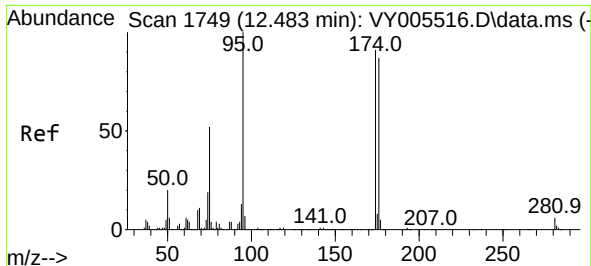
Tgt Ion: 98 Resp: 382584
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#60
Dibromochloromethane
Concen: 1.151 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

Tgt Ion: 129 Resp: 2262
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#

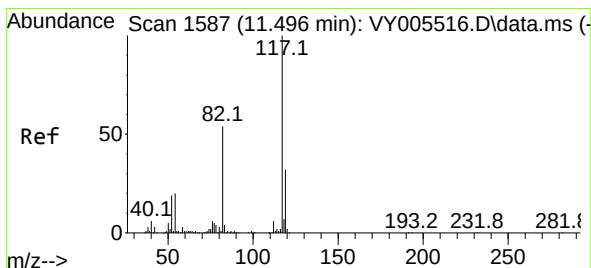
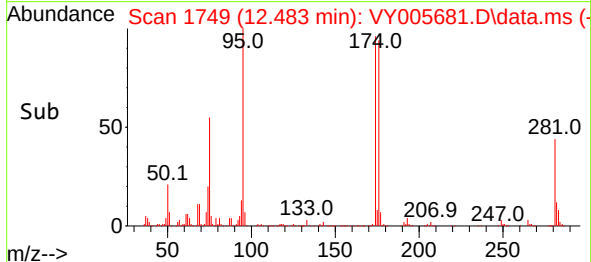
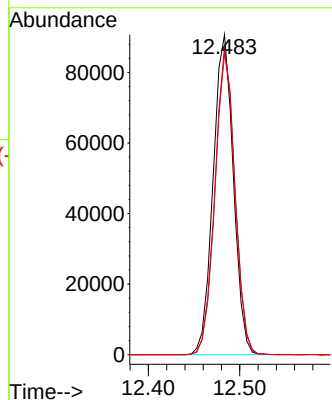
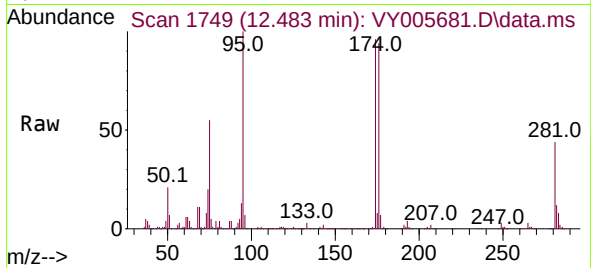




#62
4-Bromofluorobenzene
Concen: 60.576 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

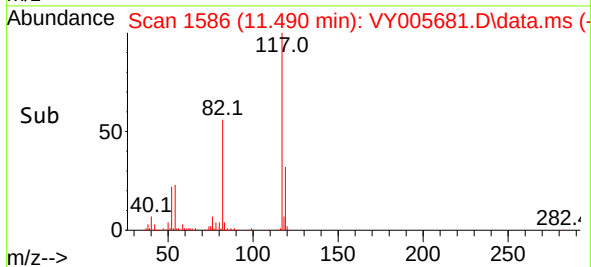
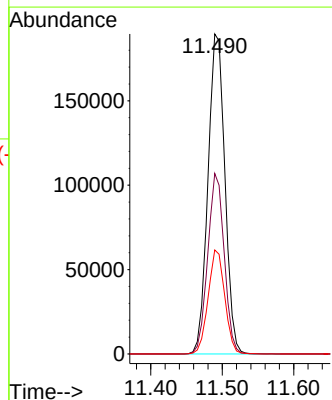
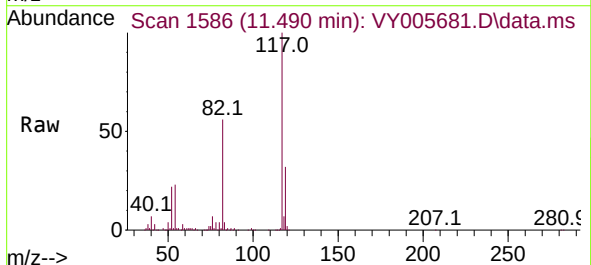
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

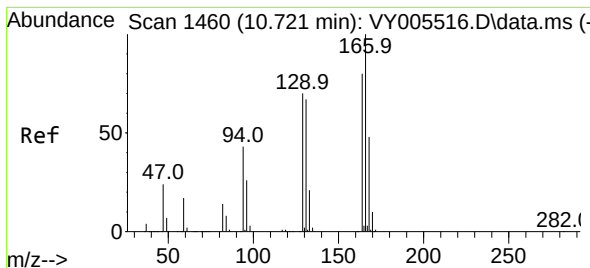
Tgt Ion:	95	Resp:	139133
Ion Ratio	Lower	Upper	
95	100		
174	94.9	0.0	191.4
176	93.1	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

Tgt Ion:	117	Resp:	311489
Ion Ratio	Lower	Upper	
117	100		
82	56.4	43.5	65.3
119	32.5	25.5	38.3





#64

Tetrachloroethene

Concen: 1.189 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY005681.D

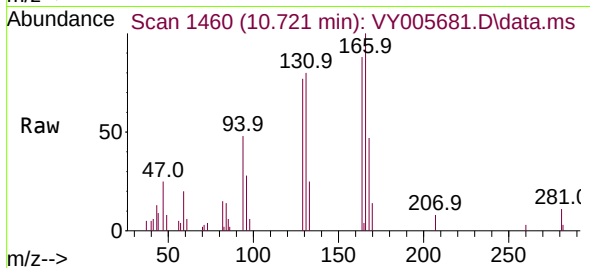
Acq: 16 Aug 2021 19:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-2



Tgt Ion:164 Resp: 2818

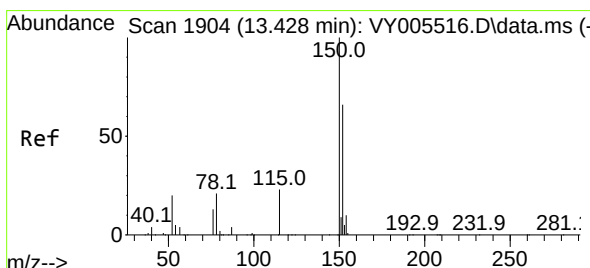
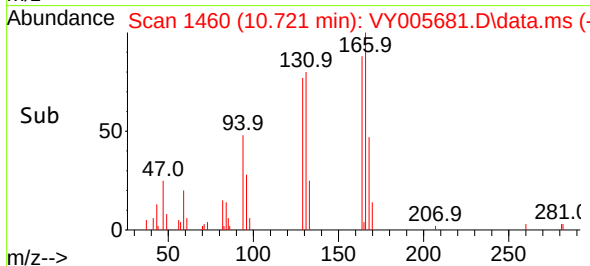
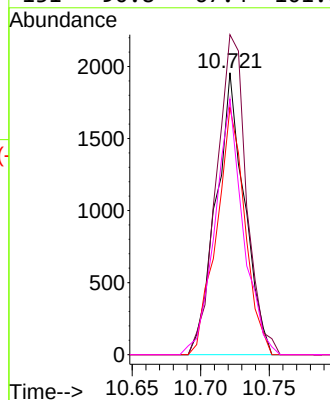
Ion Ratio Lower Upper

164 100

166 113.5 99.8 149.8

129 87.7 70.1 105.1

131 90.8 67.4 101.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY005681.D

Acq: 16 Aug 2021 19:24

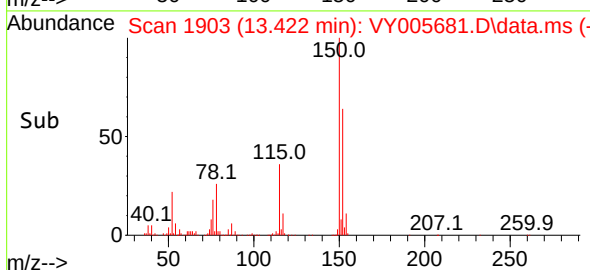
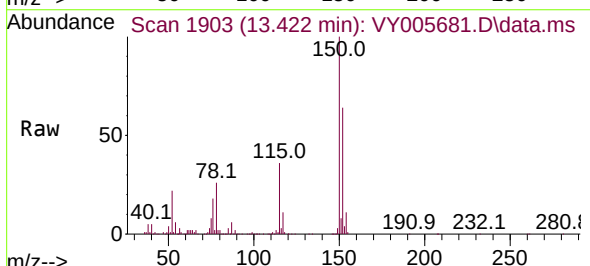
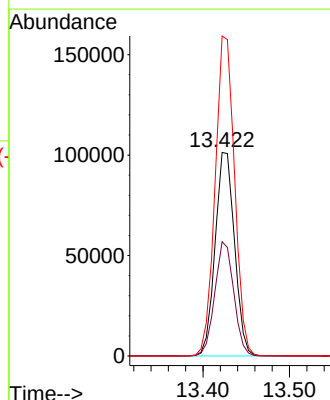
Tgt Ion:152 Resp: 157759

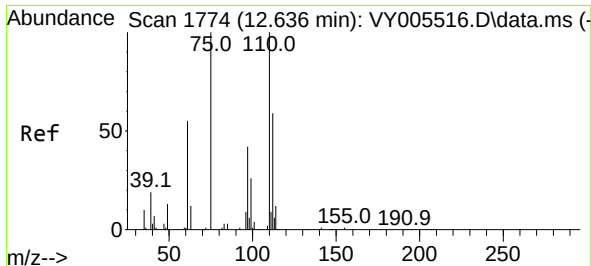
Ion Ratio Lower Upper

152 100

115 54.9 27.3 81.9

150 157.5 0.0 350.2

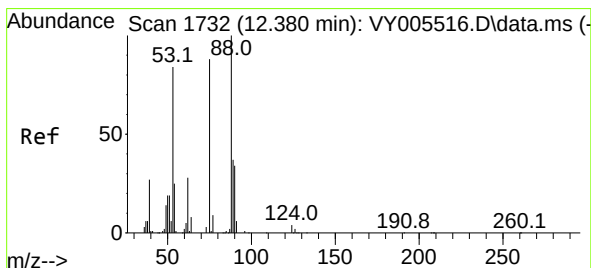
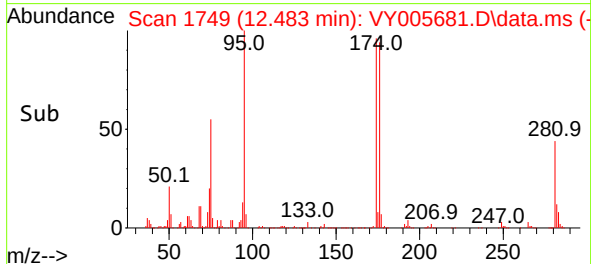
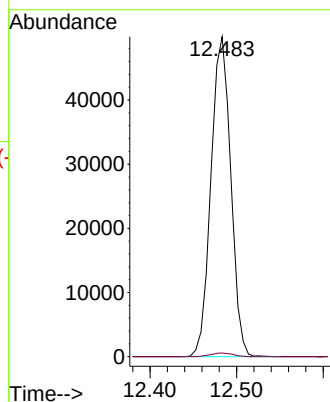
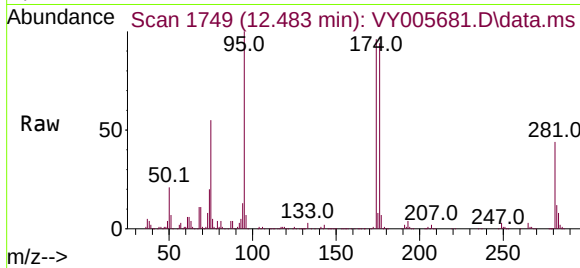




#76
1,2,3-Trichloropropane
Concen: 48.426 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

Instrument :
MSVOA_Y
ClientSampled :
WC-2

Tgt Ion: 75 Resp: 79168
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.620 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005681.D
Acq: 16 Aug 2021 19:24

Tgt Ion: 75 Resp: 79168
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

