

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004502.D
 Acq On : 19 Apr 2021 16:48
 Operator : SY/MD
 Sample : M2075-22
 Misc : 5.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-D

Quant Time: Apr 20 01:49:45 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)

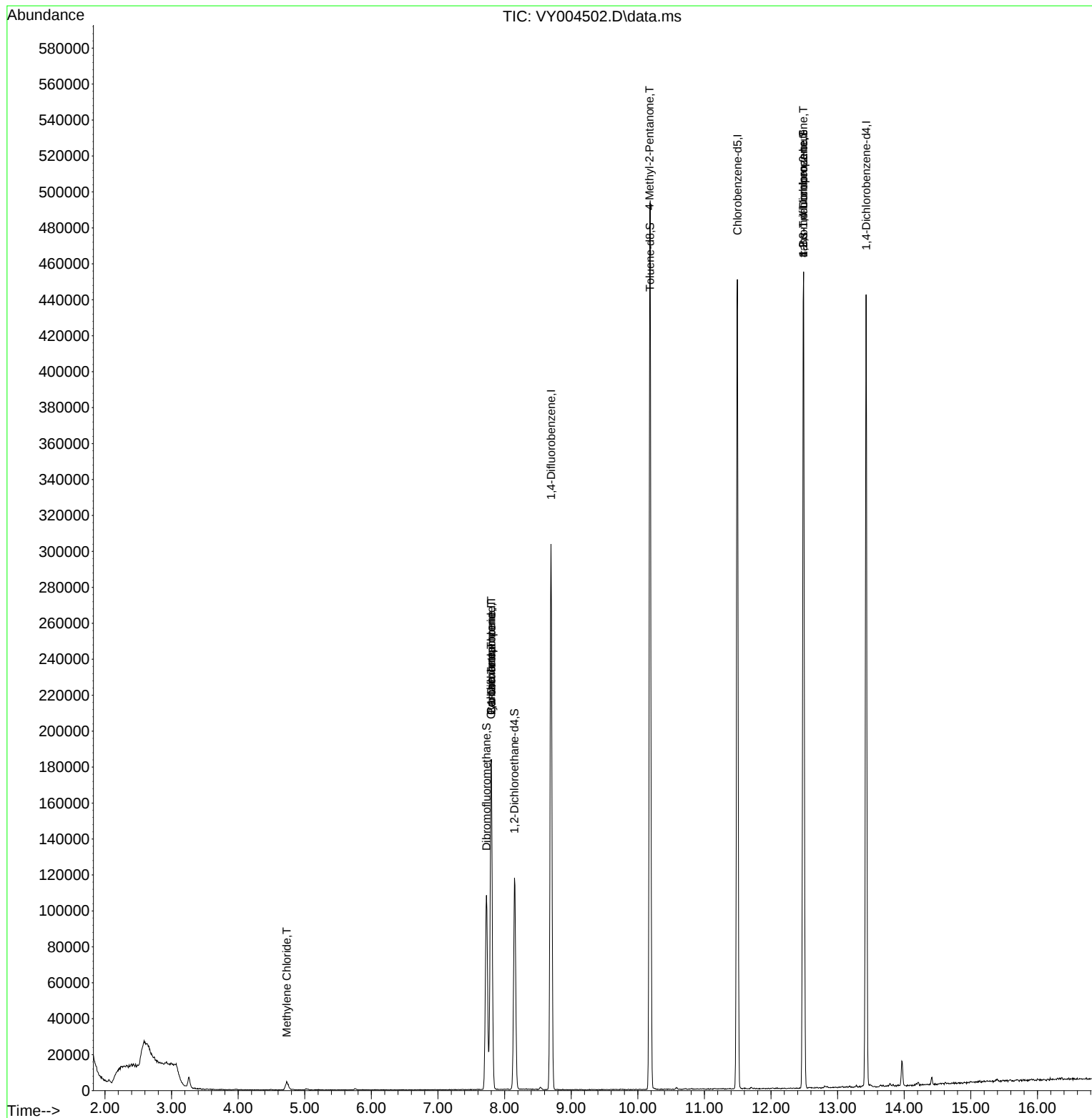
Internal Standards						
1) Pentafluorobenzene	7.801	168	138686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	244591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	231710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90025	58.42	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.84%			
35) Dibromofluoromethane	7.728	113	74165	54.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.28%			
50) Toluene-d8	10.185	98	305114	52.85	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.70%			
62) 4-Bromofluorobenzene	12.483	95	103212	52.68	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.36%			
Target Compounds						
16) Acetone	3.960	43	522	Below Cal		97
20) Methylene Chloride	4.728	84	3283	2.21 ug/l		90
31) Cyclohexane	7.795	56	3217	1.14 ug/l #		1
36) 1,1-Dichloropropene	7.801	75	11284	4.64 ug/l #		50
38) Carbon Tetrachloride	7.801	117	14224	6.77 ug/l #		18
51) 4-Methyl-2-Pentanone	10.179	43	1645	1.08 ug/l #		1
76) 1,2,3-Trichloropropane	12.483	75	57944	51.64 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	57944	92.37 ug/l #		12

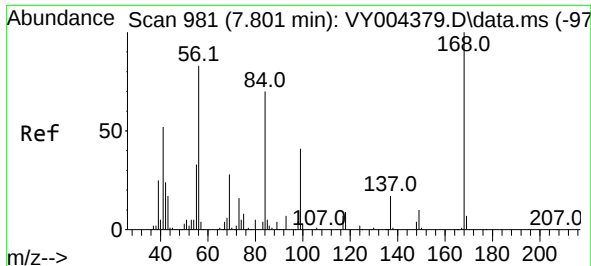
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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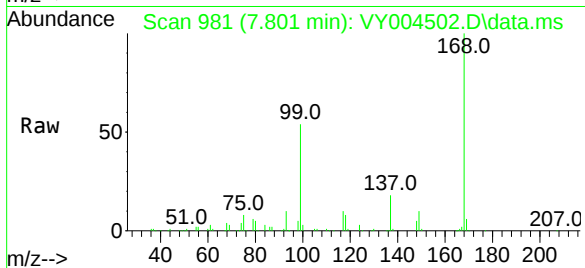
Quant Time: Apr 20 01:49:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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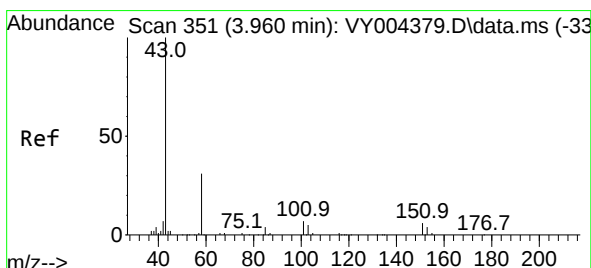
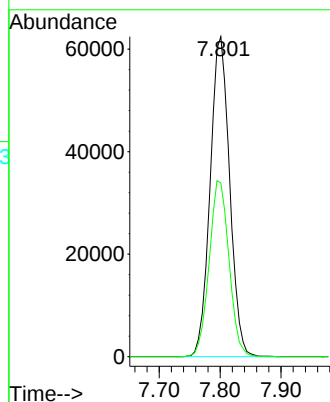
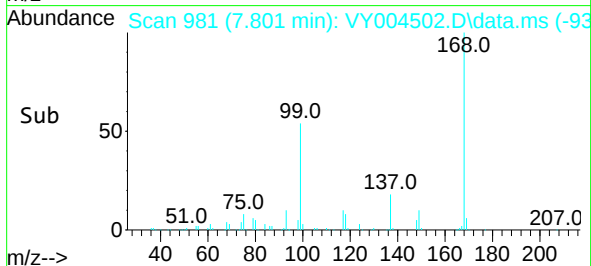


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

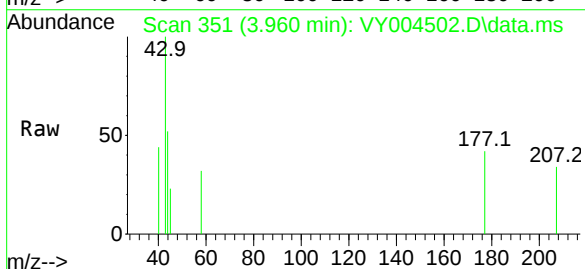
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-D



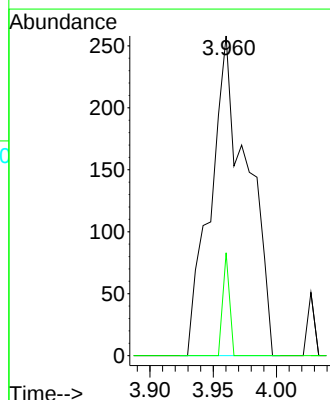
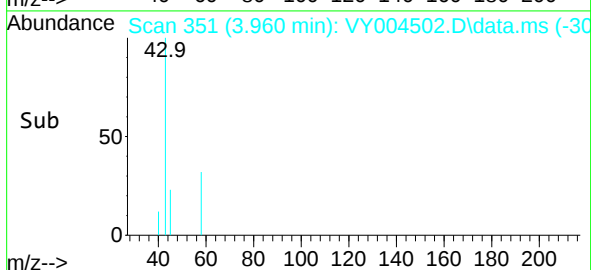
Tgt Ion:168 Resp: 138686
Ion Ratio Lower Upper
168 100
99 54.3 45.5 68.3

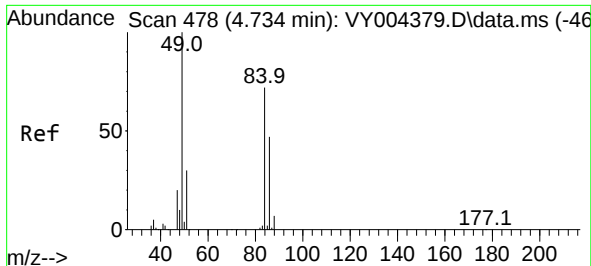


#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48



Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 32.2 24.6 37.0



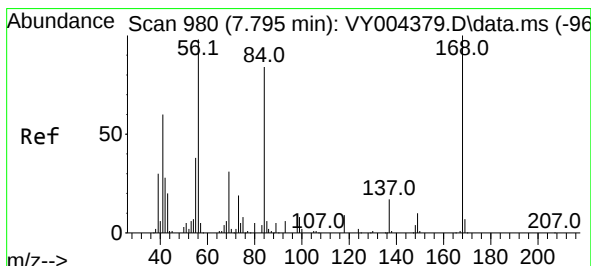
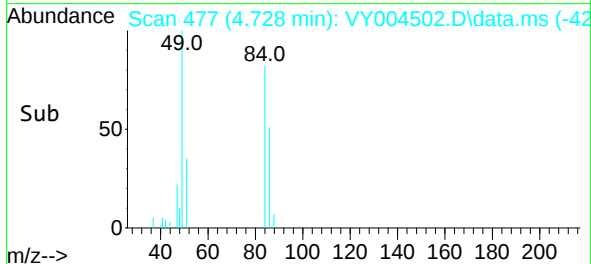
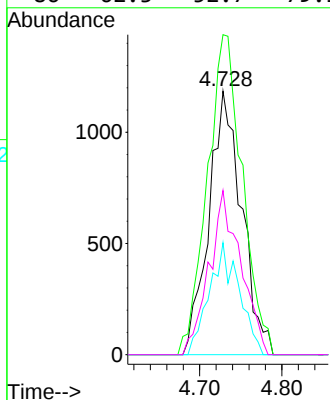
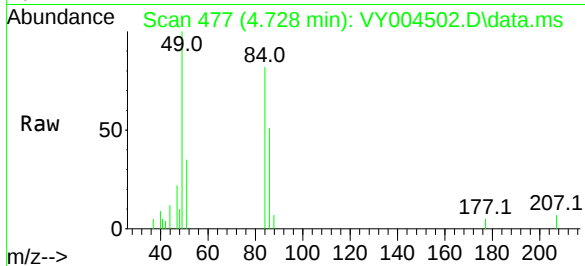


#20
Methylene Chloride
Concen: 2.21 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-6-D

Tgt Ion: 84 Resp: 3283

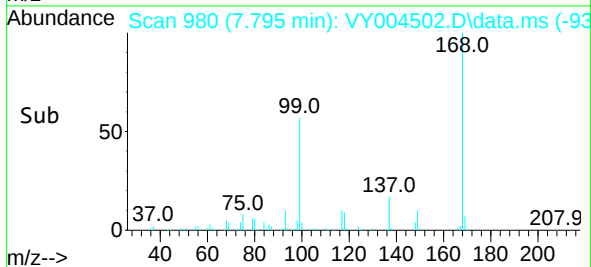
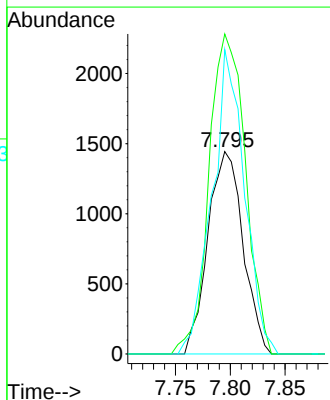
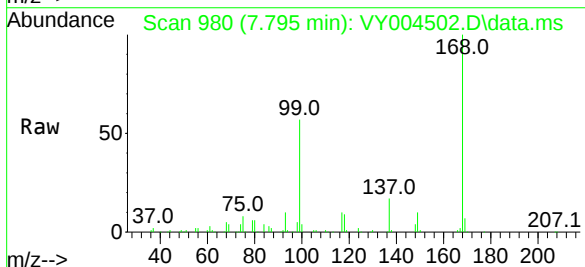
Ion	Ratio	Lower	Upper
84	100		
49	121.4	111.2	166.8
51	42.5	33.4	50.2
86	62.3	52.7	79.1

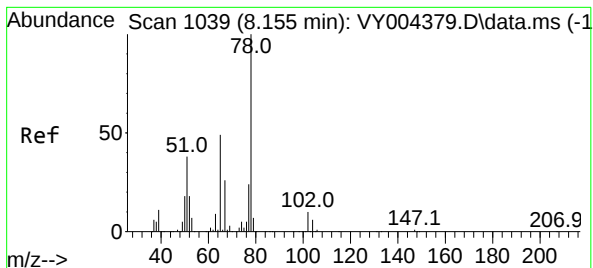


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

Tgt Ion: 56 Resp: 3217

Ion	Ratio	Lower	Upper
56	100		
69	158.0	25.8	38.6#
84	150.3	68.2	102.4#





#33

1,2-Dichloroethane-d4

Concen: 58.42 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004502.D

Acq: 19 Apr 2021 16:48

Tgt Ion: 65 Resp: 90025

Ion Ratio Lower Upper

65 100

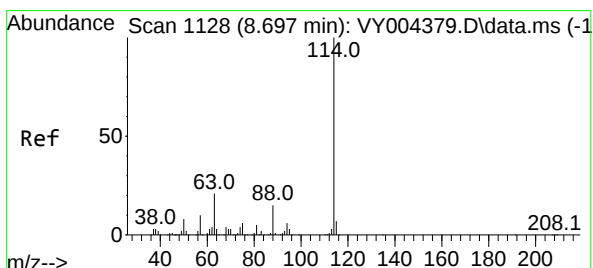
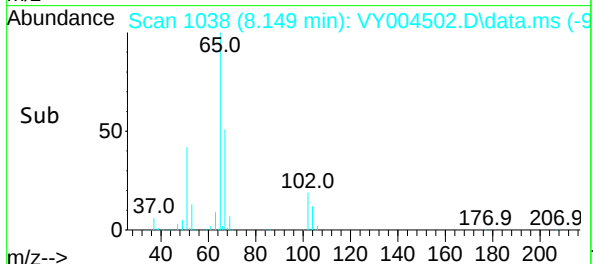
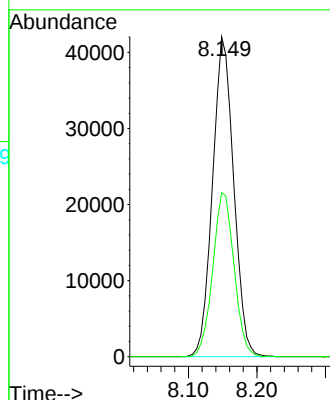
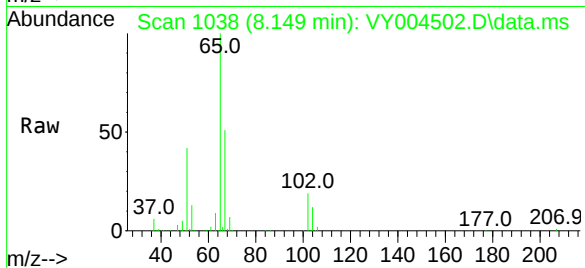
67 51.8 0.0 106.4

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-D



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004502.D

Acq: 19 Apr 2021 16:48

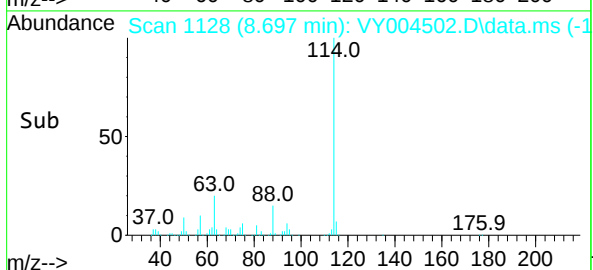
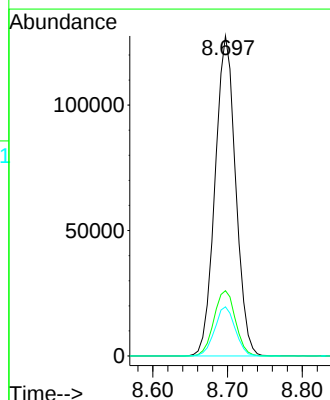
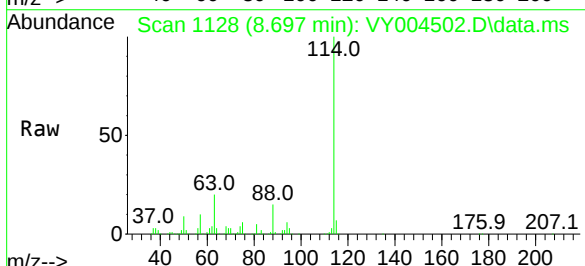
Tgt Ion: 114 Resp: 244591

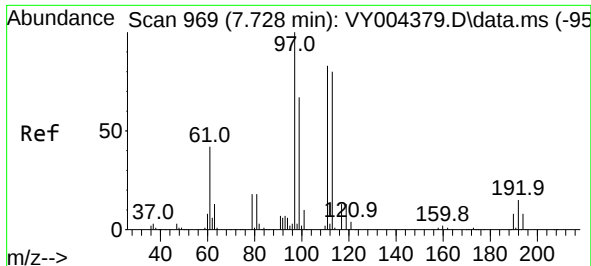
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.4 0.0 30.8

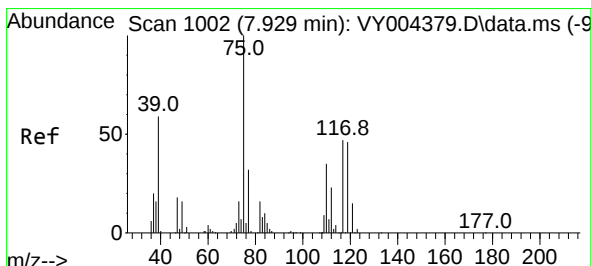
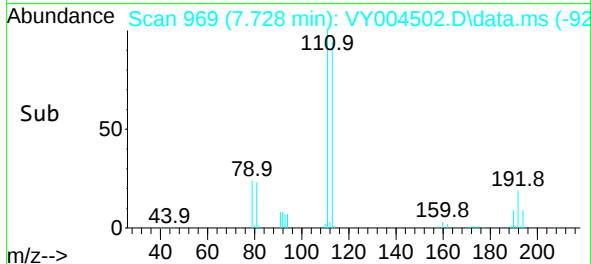
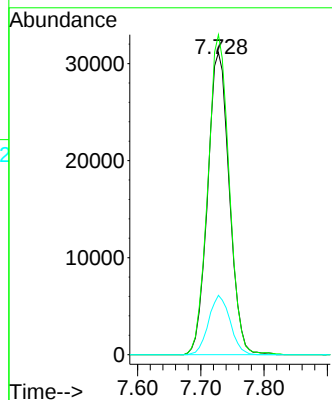
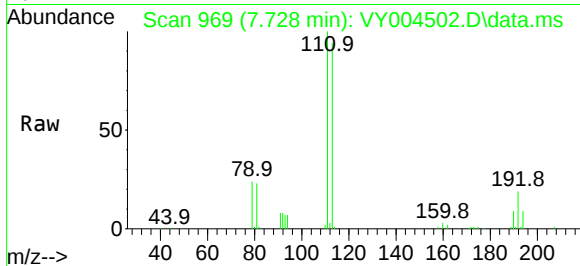




#35
Dibromofluoromethane
Concen: 54.64 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

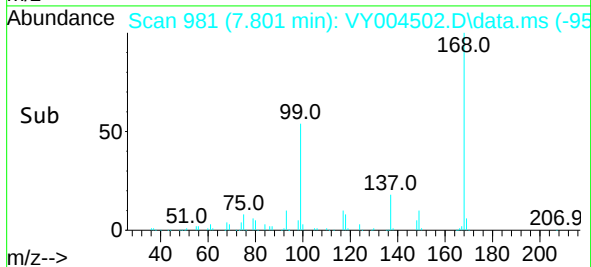
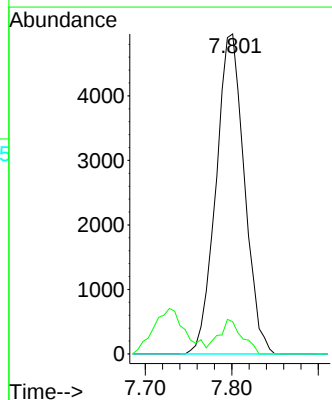
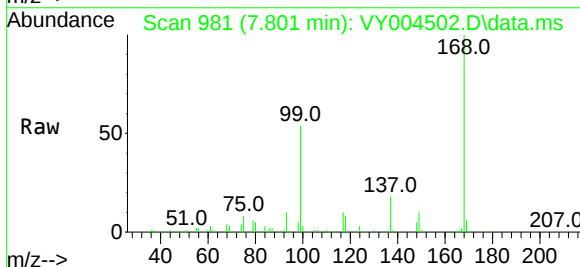
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-D

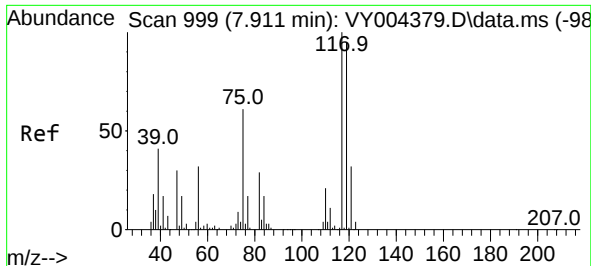
Tgt Ion:	113	Resp:	74165
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	19.5	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

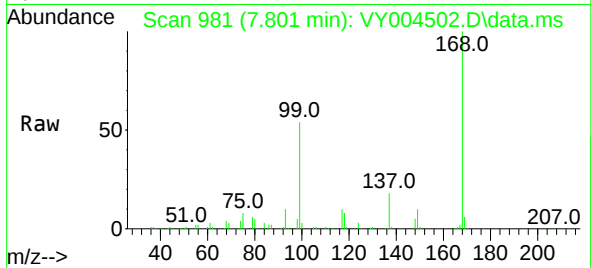
Tgt Ion:	75	Resp:	11284
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.3	51.7#
77	0.0	24.3	36.5#



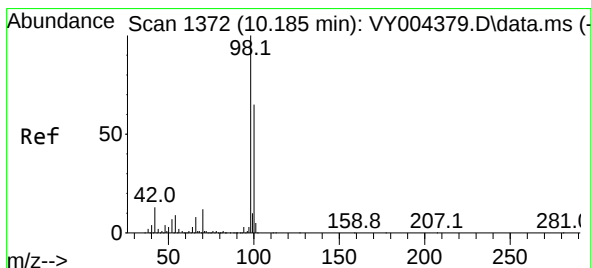
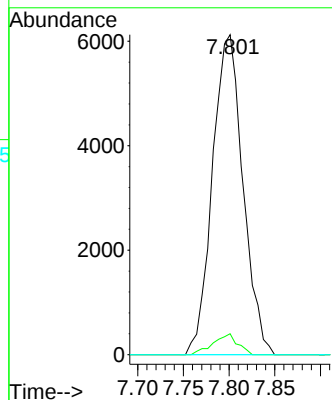
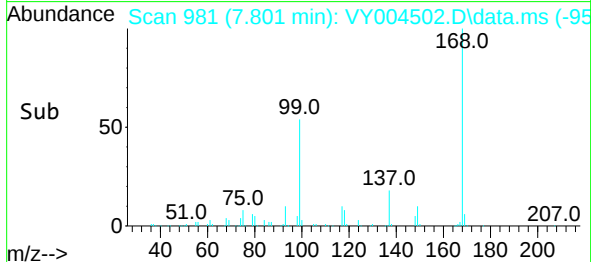


#38
Carbon Tetrachloride
Concen: 6.77 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

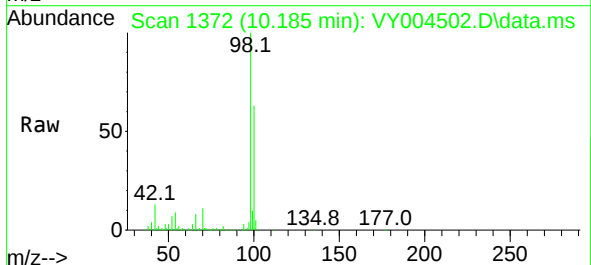
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-D



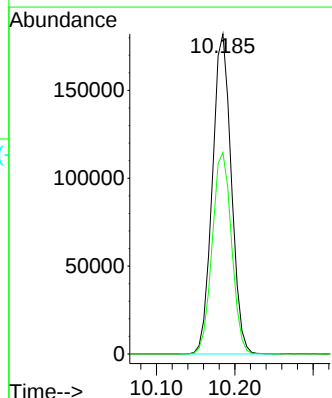
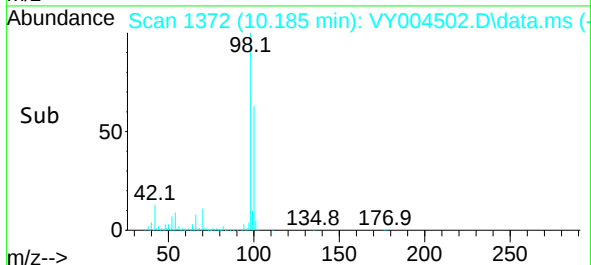
Tgt Ion: 117 Resp: 14224
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.8#
121 0.0 25.3 37.9#

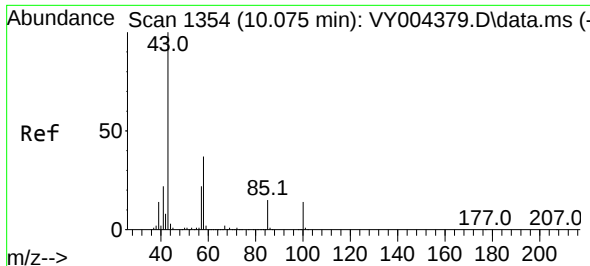


#50
Toluene-d8
Concen: 52.85 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48



Tgt Ion: 98 Resp: 305114
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

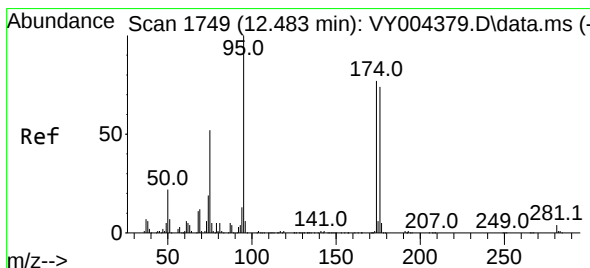
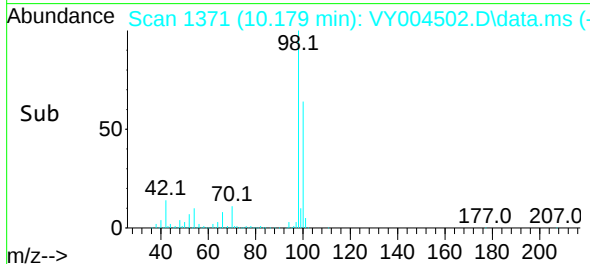
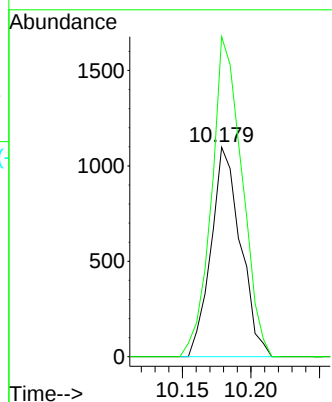
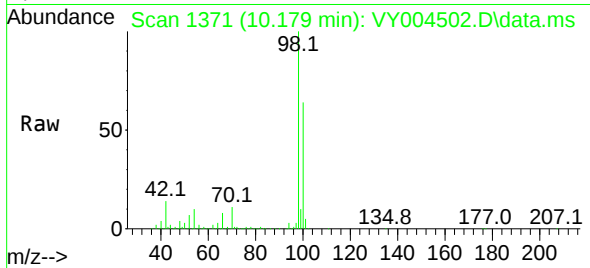




#51
4-Methyl-2-Pentanone
Concen: 1.08 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

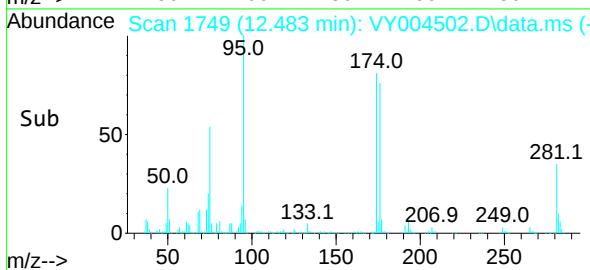
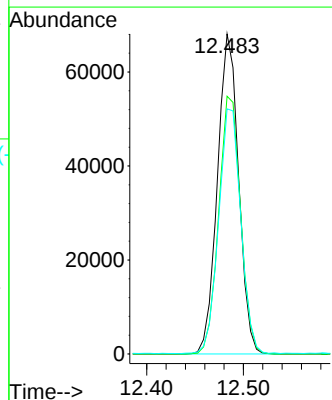
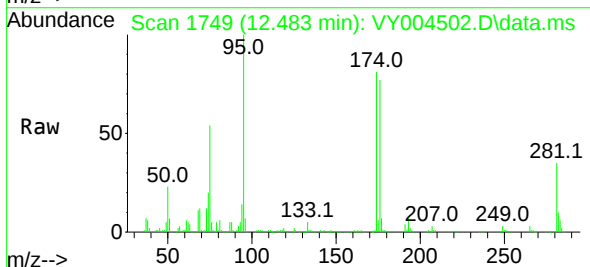
Instrument :
MSVOA_Y
ClientSampled :
TP-6-D

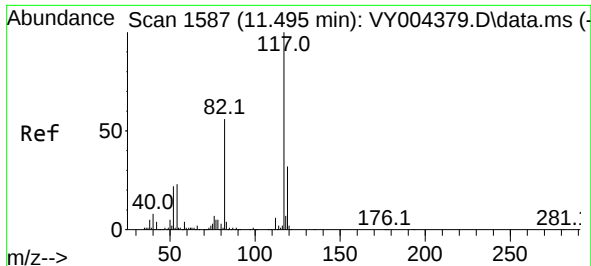
Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
58 157.6 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 52.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

Tgt Ion: 95 Resp: 103212
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 80.3 0.0 156.0

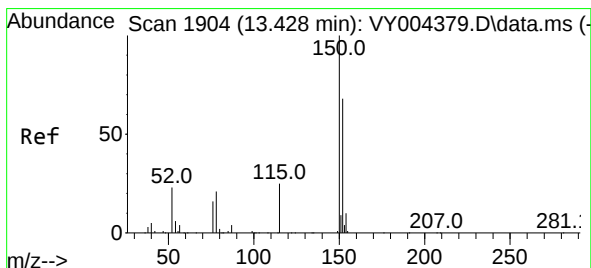
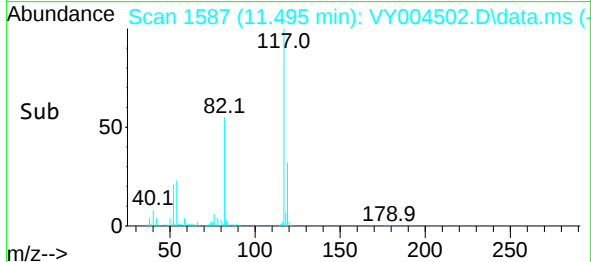
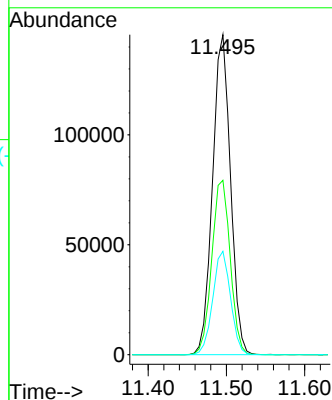
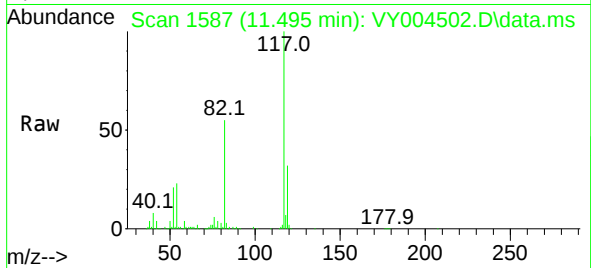




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

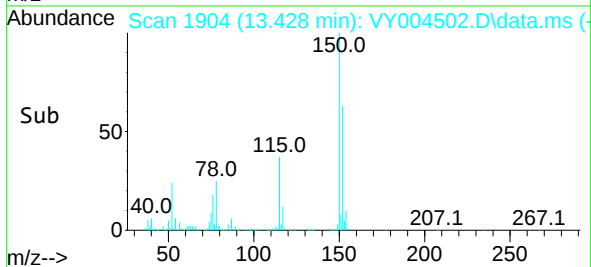
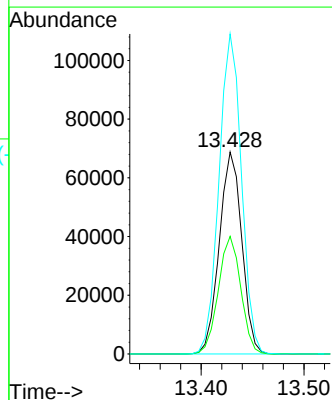
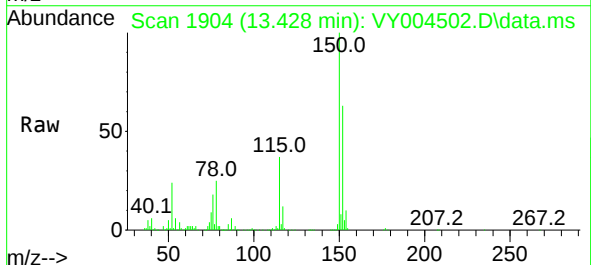
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-D

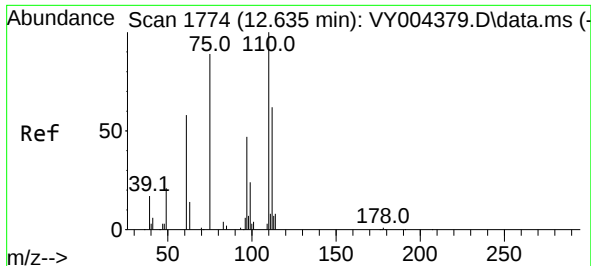
Tgt Ion:117 Resp: 231710
Ion Ratio Lower Upper
117 100
82 54.5 44.9 67.3
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

Tgt Ion:152 Resp: 104555
Ion Ratio Lower Upper
152 100
115 58.0 29.6 88.8
150 157.9 0.0 348.4

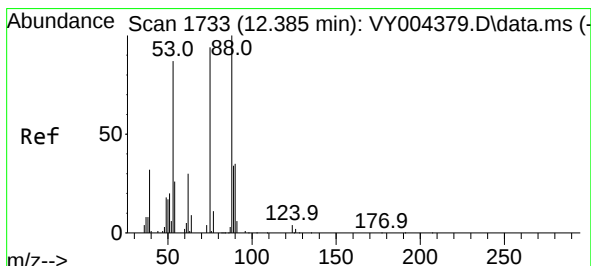
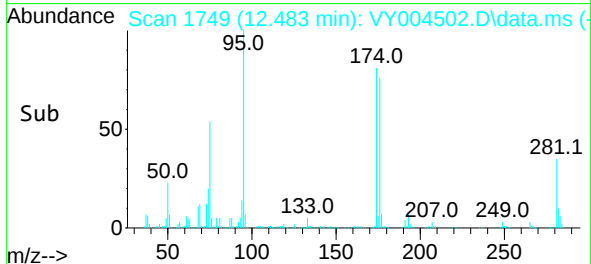
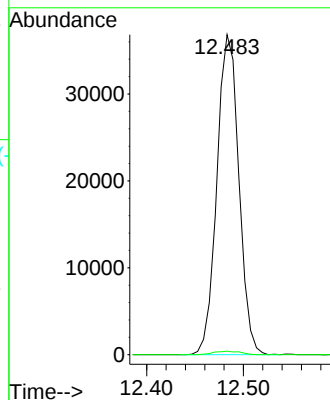
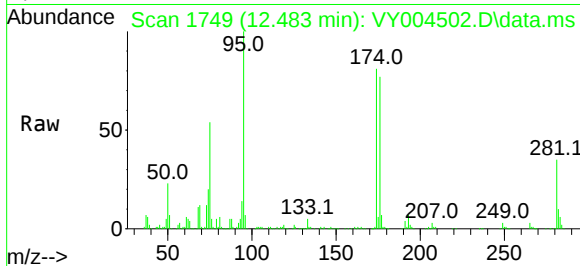




#76
1,2,3-Trichloropropane
Concen: 51.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-6-D

Tgt Ion: 75 Resp: 57944
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.37 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004502.D
Acq: 19 Apr 2021 16:48

Tgt Ion: 75 Resp: 57944
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.0 36.1 54.1#

