

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004605.D
 Acq On : 23 Apr 2021 15:12
 Operator : SY/MD
 Sample : M2163-01
 Misc : 5.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:19:12 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	135356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	226987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92358	61.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.82%
35) Dibromofluoromethane	7.728	113	74247	55.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.76%
50) Toluene-d8	10.185	98	298111	52.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.50%
62) 4-Bromofluorobenzene	12.483	95	101184	52.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.52%

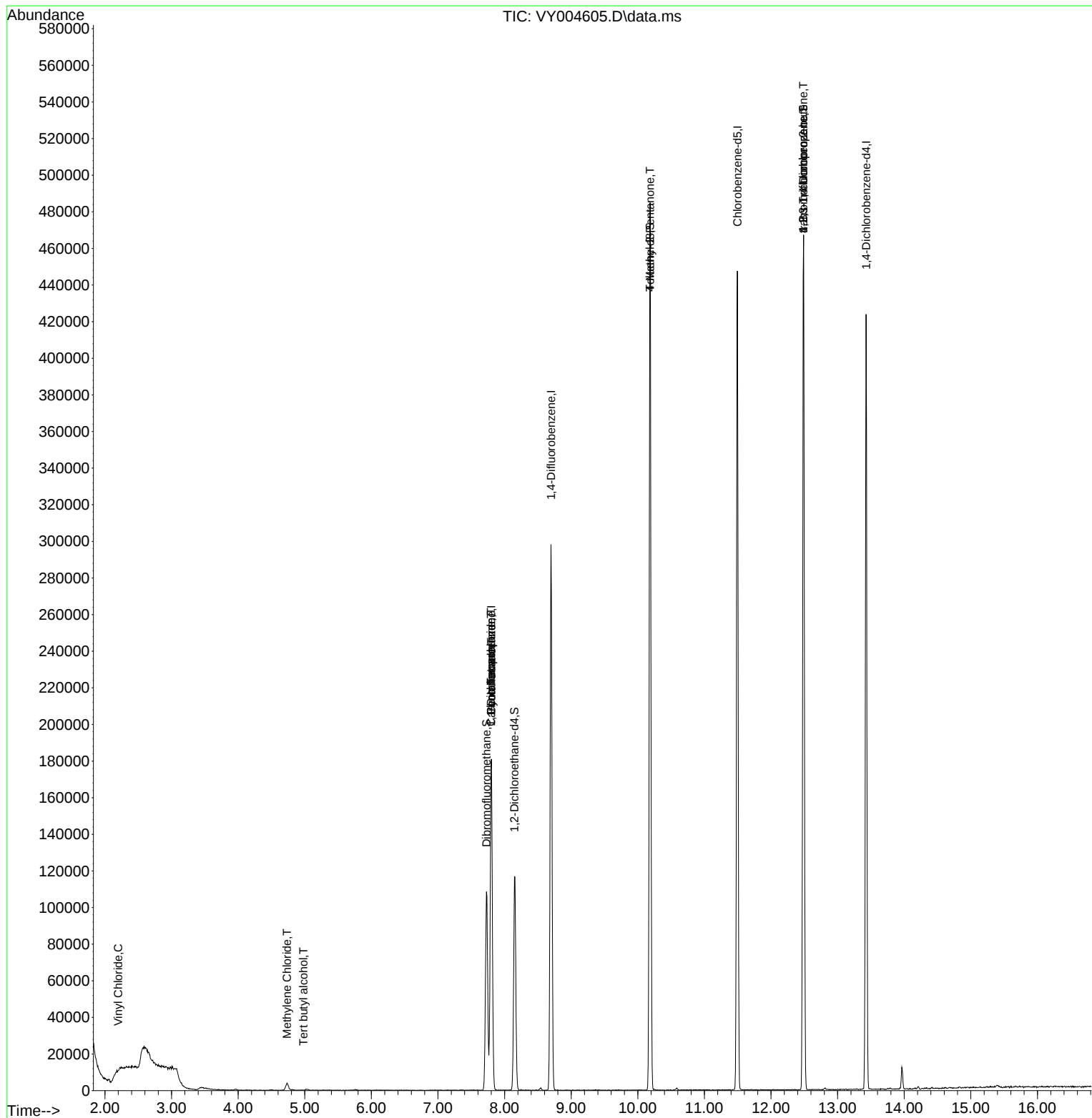
Target Compounds					Qvalue	
4) Vinyl Chloride	2.199	62	4275	2.23	ug/l	# 43
11) Tert butyl alcohol	4.979	59	174	1.17	ug/l	# 73
16) Acetone	3.967	43	931	Below	Cal	95
20) Methylene Chloride	4.735	84	2697	1.86	ug/l	94
31) Cyclohexane	7.801	56	3267	1.18	ug/l	# 16
36) 1,1-Dichloropropene	7.795	75	11003	4.62	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	14200	6.90	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.185	43	1683	1.13	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	57909	53.45	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	57909	95.62	ug/l	# 13

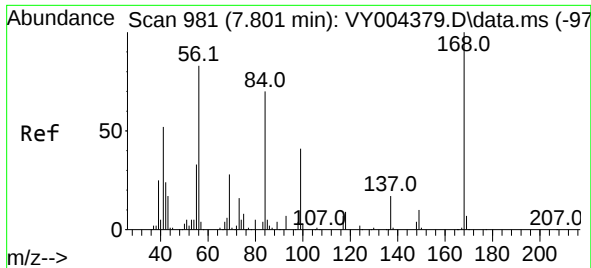
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
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ClientSampleId :

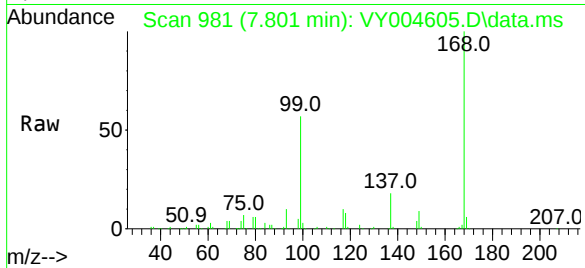
Quant Time: Apr 26 10:19:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



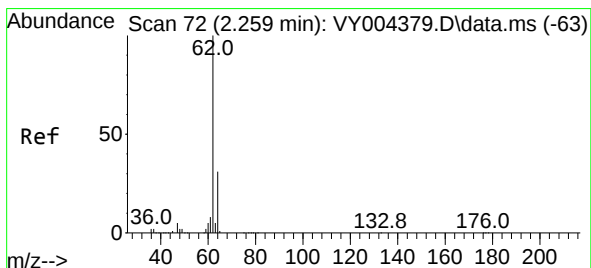
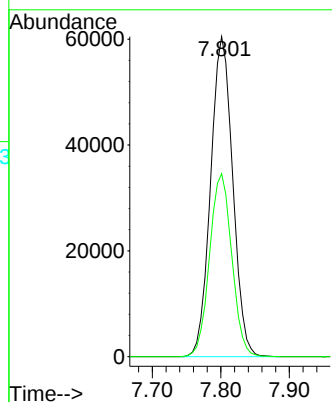
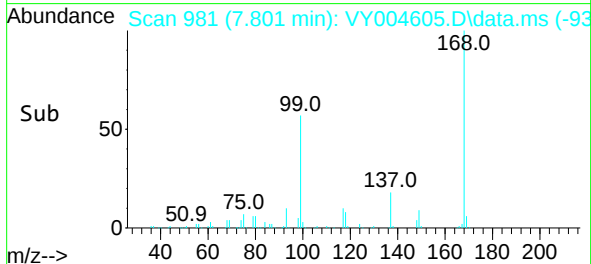


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

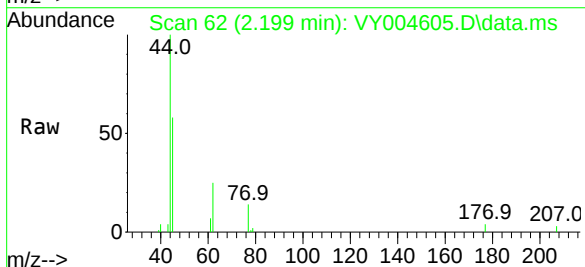
Instrument :
MSVOA_Y
ClientSampled :



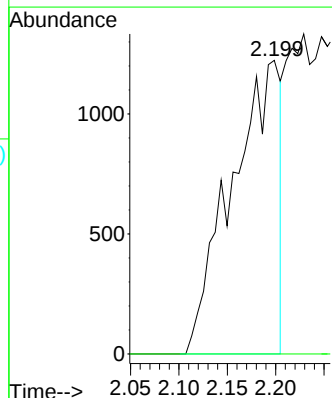
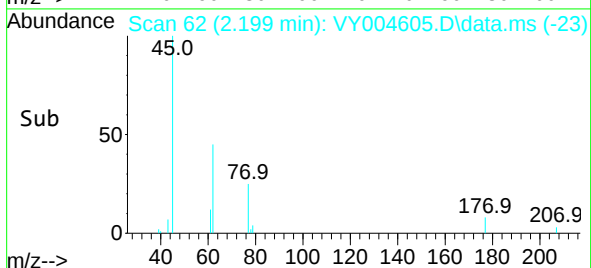
Tgt Ion:168 Resp: 135356
Ion Ratio Lower Upper
168 100
99 57.2 45.5 68.3

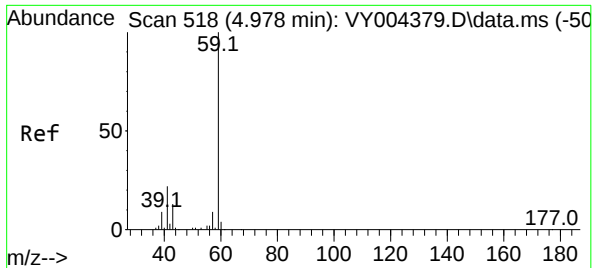


#4
Vinyl Chloride
Concen: 2.23 ug/l
RT: 2.199 min Scan# 62
Delta R.T. -0.061 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12



Tgt Ion: 62 Resp: 4275
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



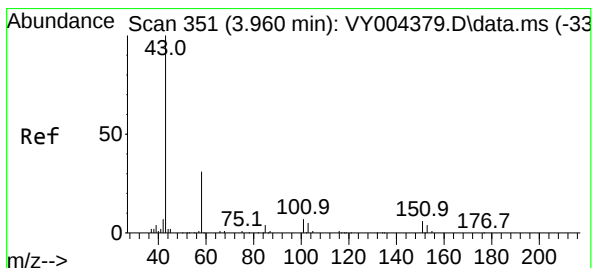
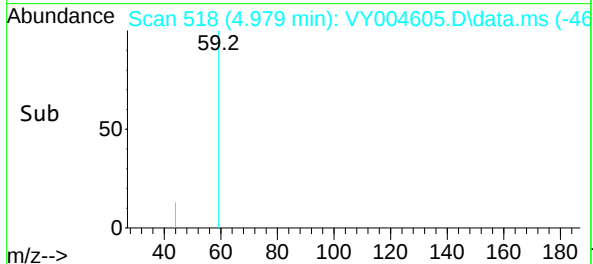
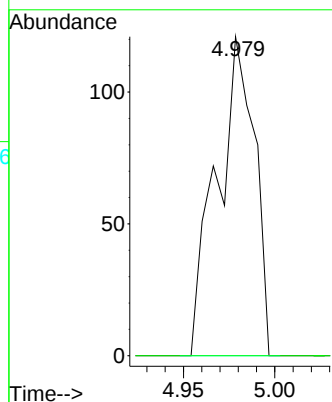
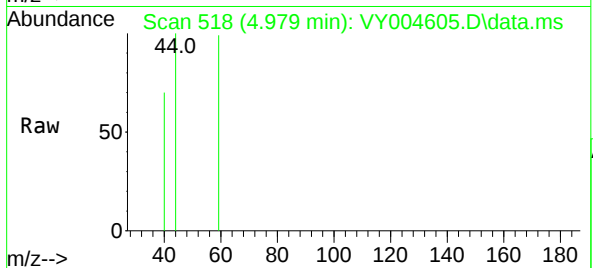


#11

Tert butyl alcohol
Concen: 1.17 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

Instrument :
MSVOA_Y
ClientSampled :

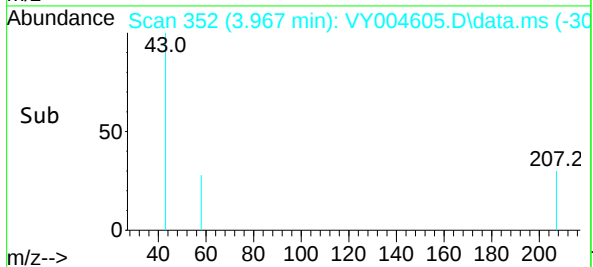
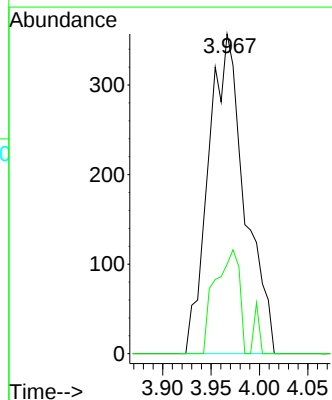
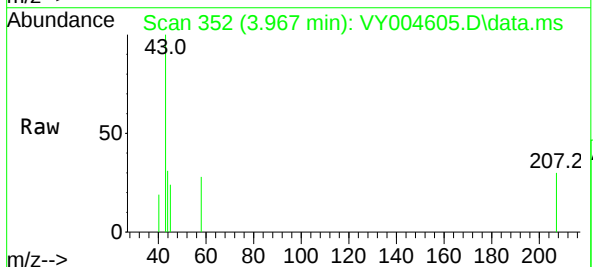
Tgt Ion: 59 Resp: 174
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

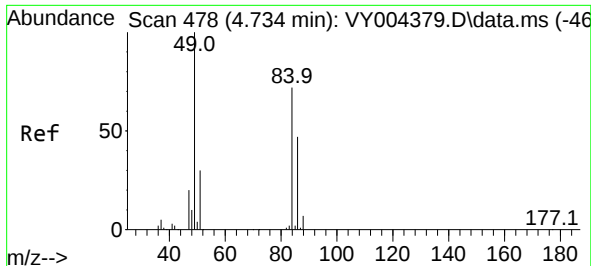


#16

Acetone
Concen: Below Cal
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 28.0 24.6 37.0



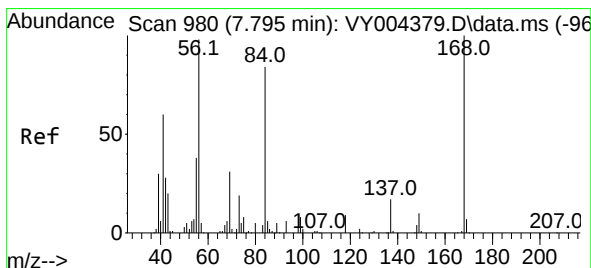
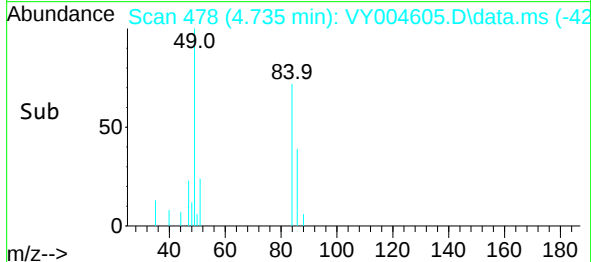
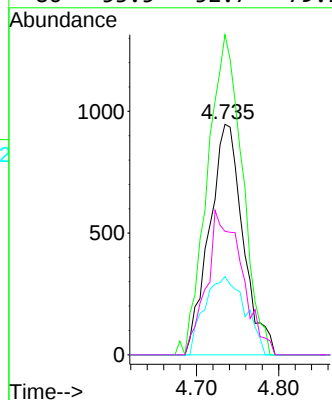
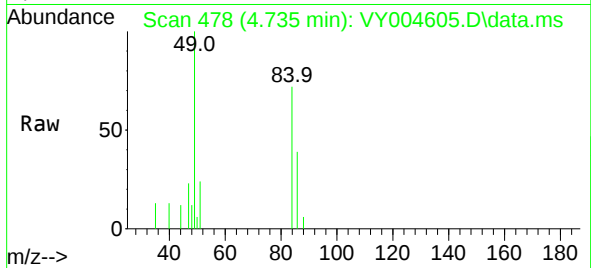


#20
Methylene Chloride
Concen: 1.86 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 84 Resp: 2697

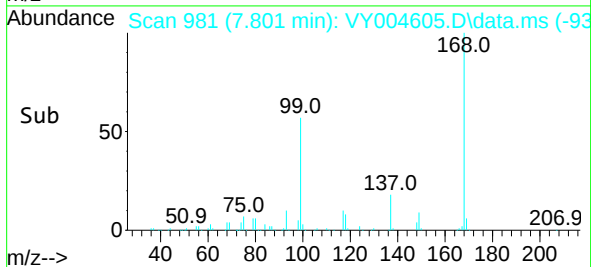
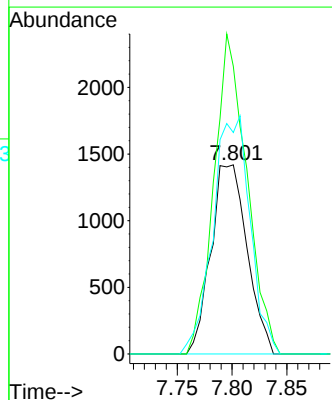
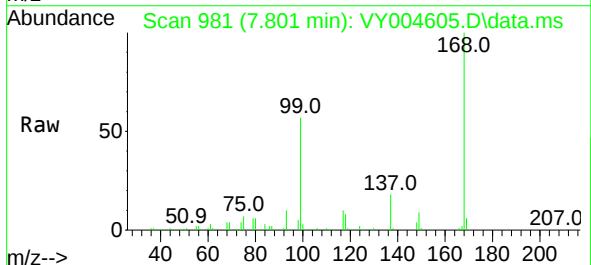
Ion	Ratio	Lower	Upper
84	100		
49	138.9	111.2	166.8
51	33.9	33.4	50.2
86	53.5	52.7	79.1

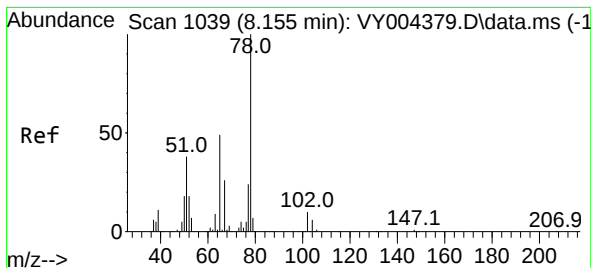


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

Tgt Ion: 56 Resp: 3267

Ion	Ratio	Lower	Upper
56	100		
69	152.1	25.8	38.6#
84	117.1	68.2	102.4#





#33

1,2-Dichloroethane-d4

Concen: 61.41 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004605.D

Acq: 23 Apr 2021 15:12

Tgt Ion: 65 Resp: 92358

Ion Ratio Lower Upper

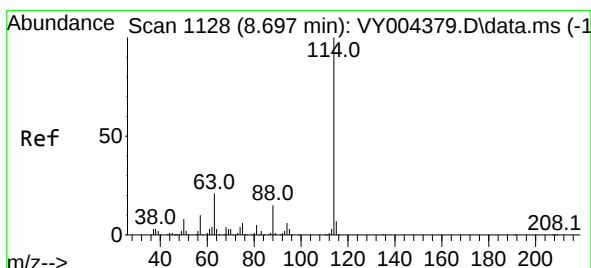
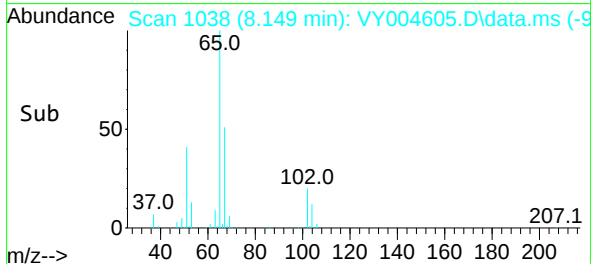
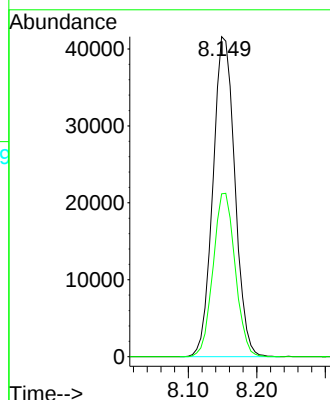
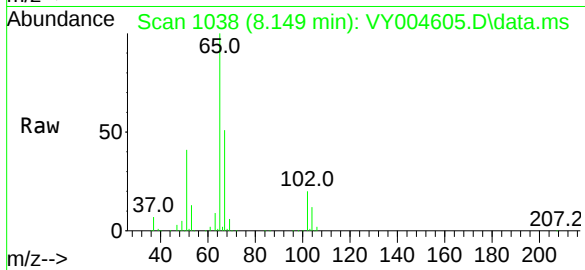
65 100

67 51.4 0.0 106.4

Instrument :

MSVOA_Y

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004605.D

Acq: 23 Apr 2021 15:12

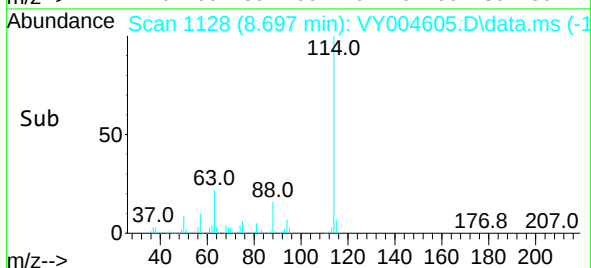
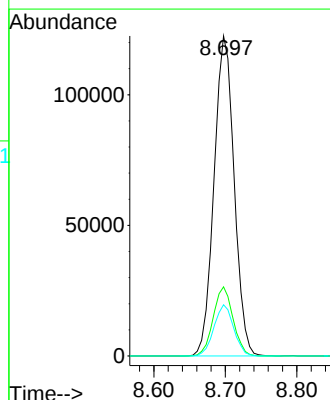
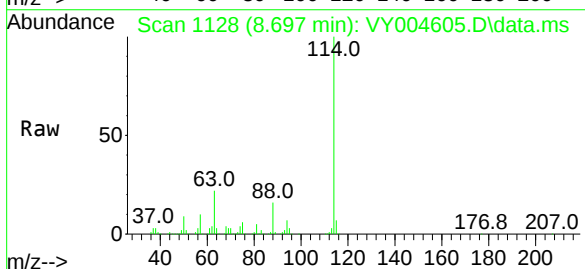
Tgt Ion:114 Resp: 239432

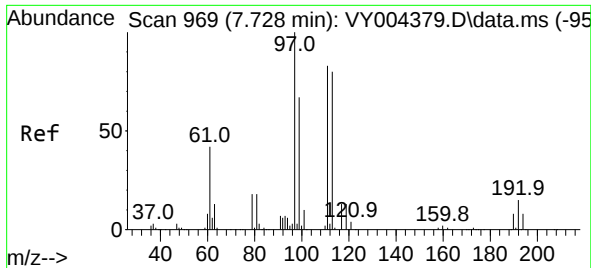
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 16.0 0.0 30.8

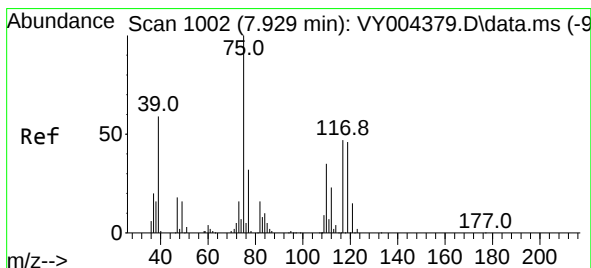
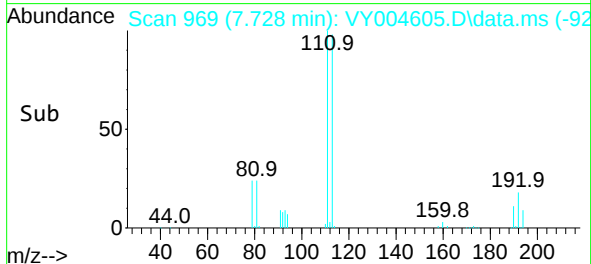
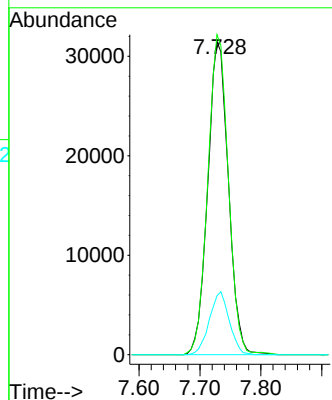
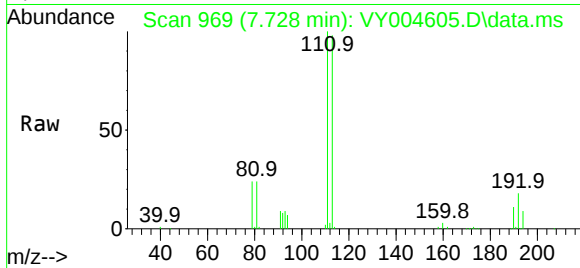




#35
Dibromofluoromethane
Concen: 55.88 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

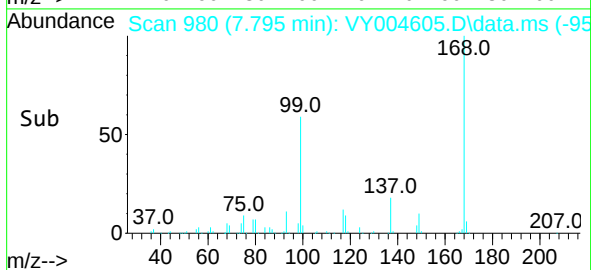
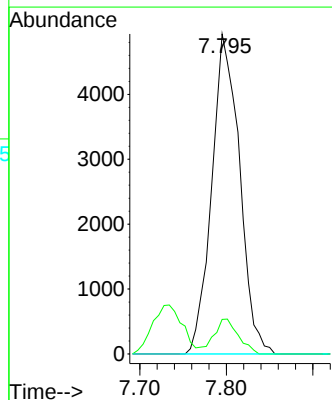
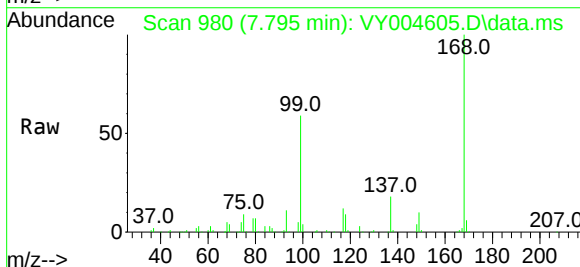
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	113	Resp:	74247
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	19.3	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

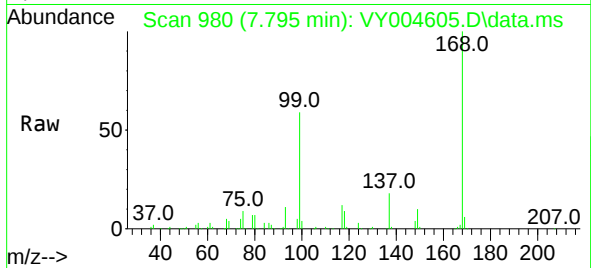
Tgt Ion:	75	Resp:	11003
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	51.7#
77	0.0	24.3	36.5#



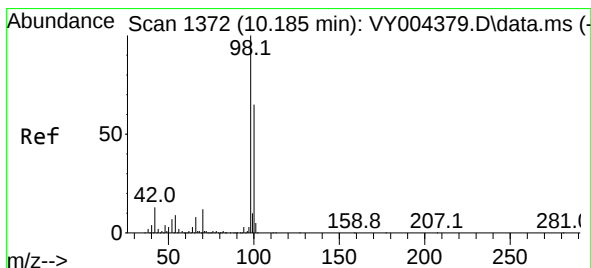
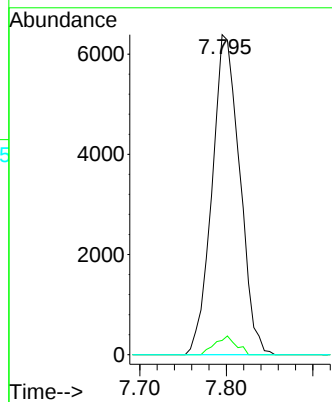
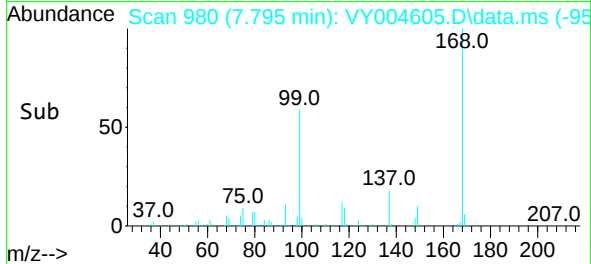


#38
Carbon Tetrachloride
Concen: 6.90 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

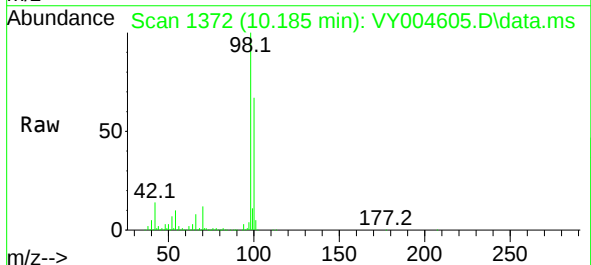
Instrument :
MSVOA_Y
ClientSampleId :



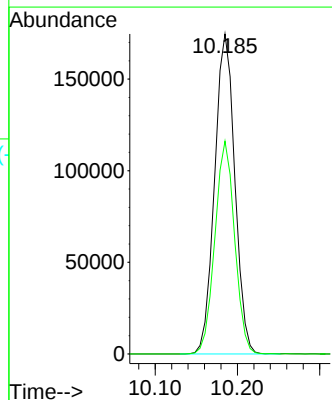
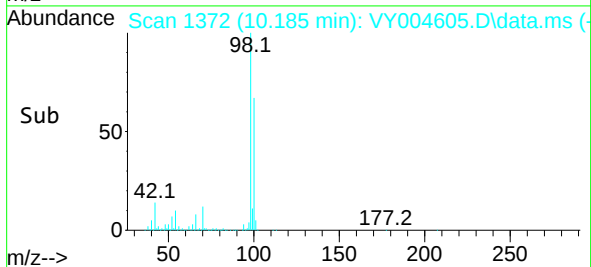
Tgt Ion: 117 Resp: 14200
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 25.3 37.9#

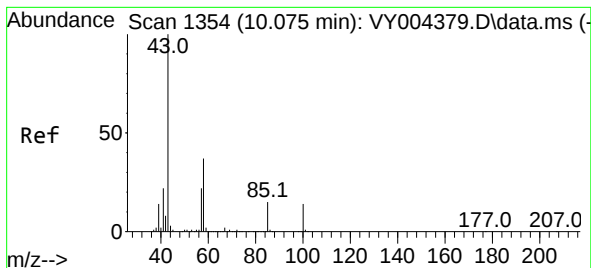


#50
Toluene-d8
Concen: 52.75 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12



Tgt Ion: 98 Resp: 298111
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

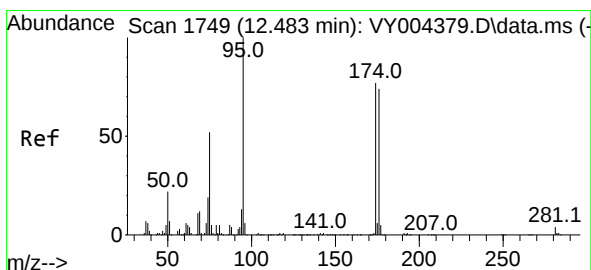
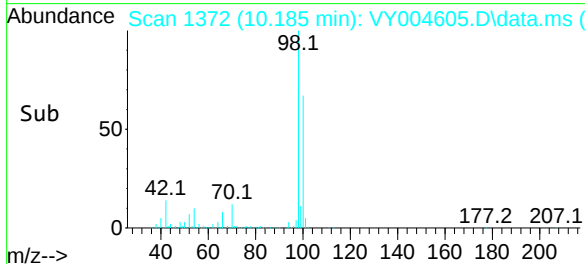
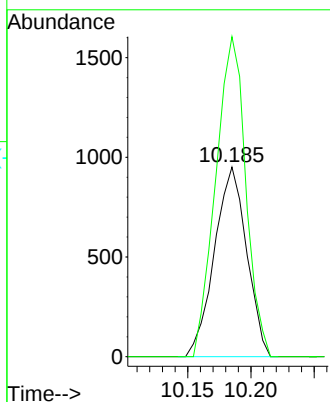
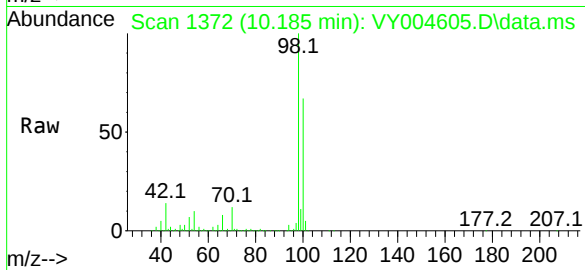




#51
4-Methyl-2-Pentanone
Concen: 1.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

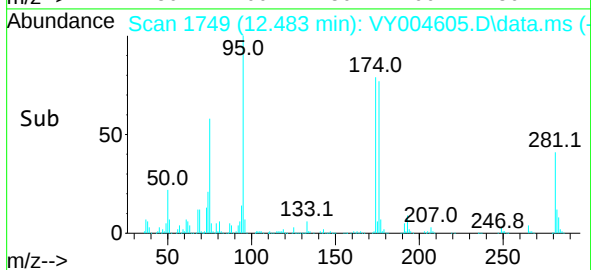
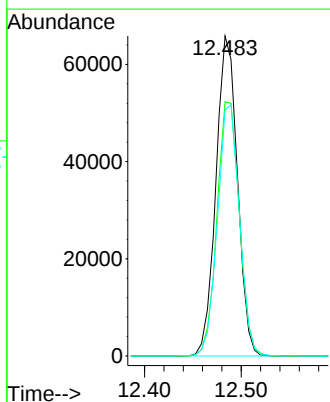
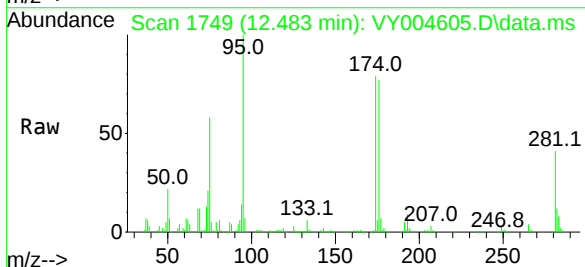
Instrument :
MSVOA_Y
ClientSampled :

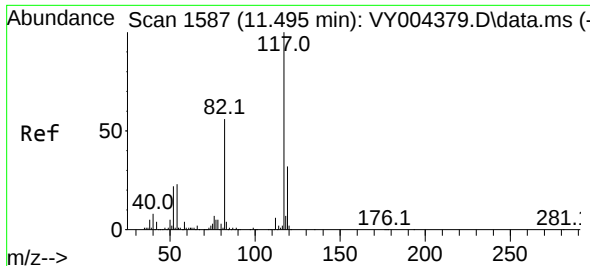
Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
58 157.5 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 52.76 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

Tgt Ion: 95 Resp: 101184
Ion Ratio Lower Upper
95 100
174 82.7 0.0 162.4
176 80.5 0.0 156.0

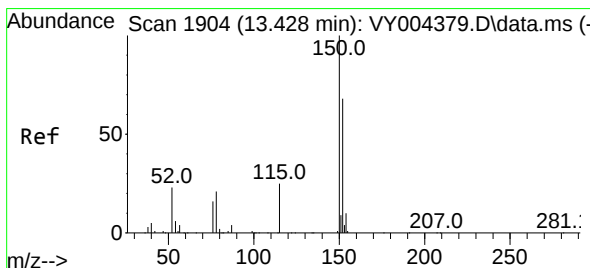
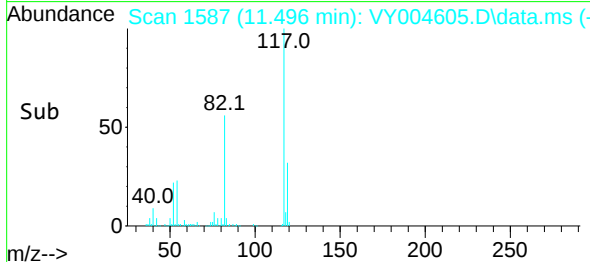
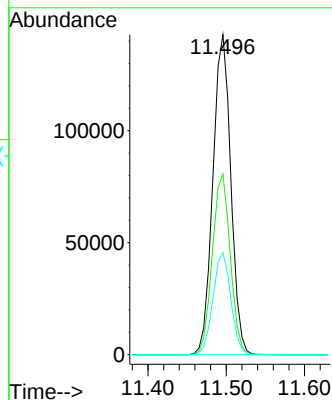
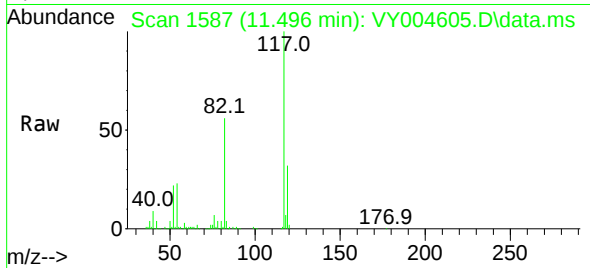




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

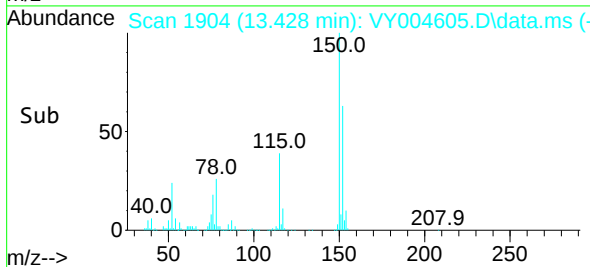
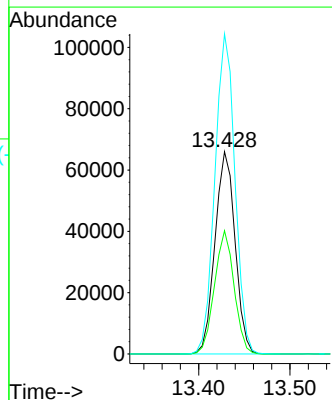
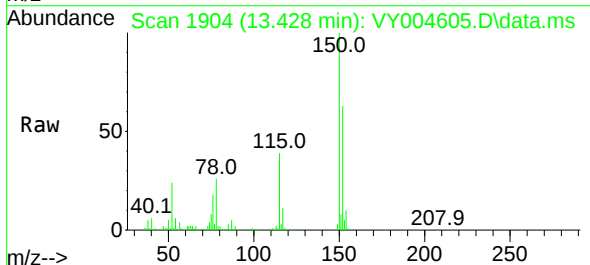
Instrument :
MSVOA_Y
ClientSampled :

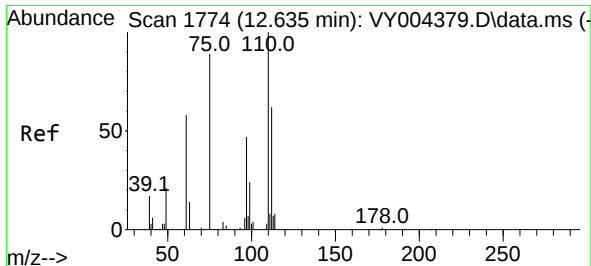
Tgt Ion:117 Resp: 226987
Ion Ratio Lower Upper
117 100
82 56.5 44.9 67.3
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

Tgt Ion:152 Resp: 100946
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.8
150 158.0 0.0 348.4

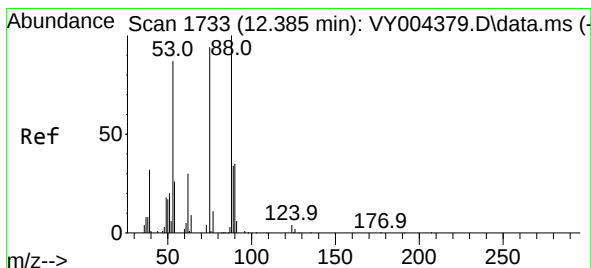
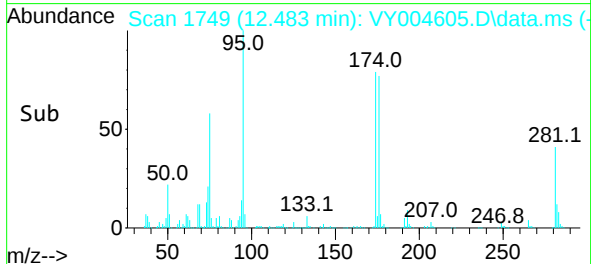
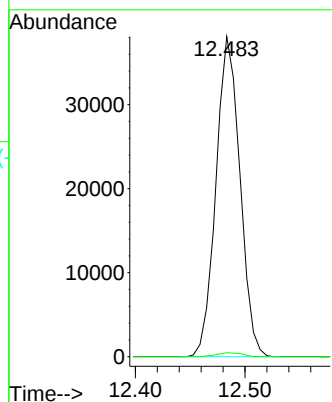
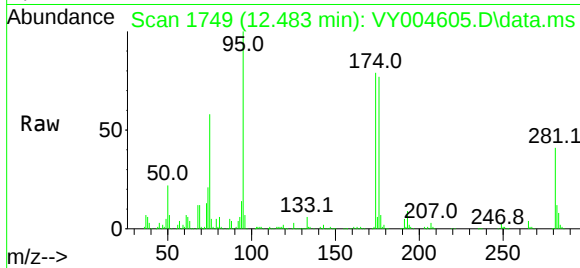




#76
1,2,3-Trichloropropane
Concen: 53.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 57909
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004605.D
Acq: 23 Apr 2021 15:12

Tgt Ion: 75 Resp: 57909
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.2 36.1 54.1#

