

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004345.D
 Acq On : 08 Apr 2021 19:02
 Operator : SY/MD
 Sample : M1979-10
 Misc : 4.65G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:19:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

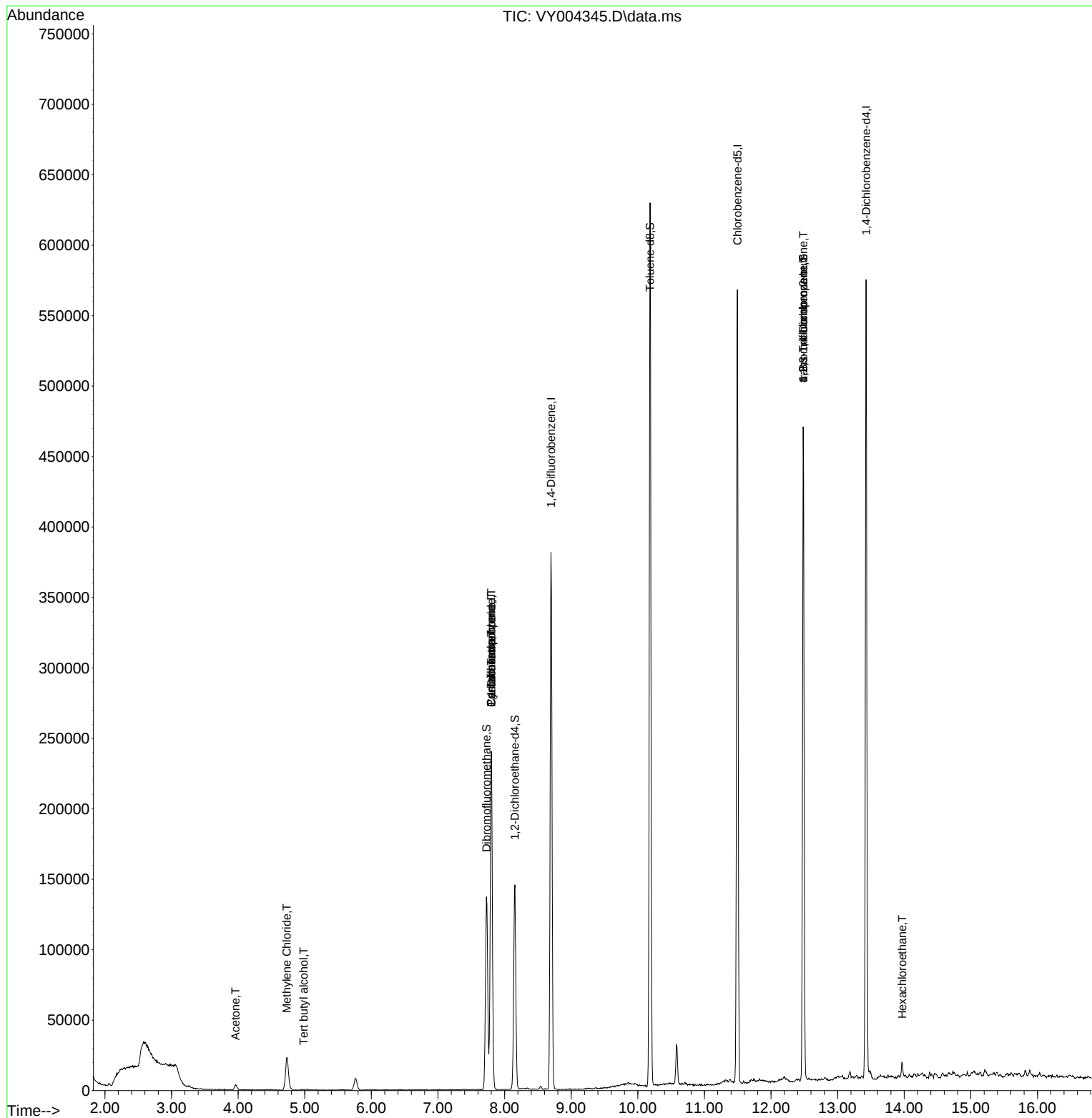
Internal Standards						
1) Pentafluorobenzene	7.801	168	181595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	294176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112423	64.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.80%
35) Dibromofluoromethane	7.728	113	95406	54.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.96%
50) Toluene-d8	10.185	98	385918	58.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.18%
62) 4-Bromofluorobenzene	12.483	95	132005	58.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.94%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.984	59	193	1.36	ug/l #	71
16) Acetone	3.960	43	6422	17.66	ug/l	95
20) Methylene Chloride	4.728	84	16622	7.17	ug/l	94
31) Cyclohexane	7.801	56	4370	1.42	ug/l #	36
36) 1,1-Dichloropropene	7.801	75	14814	5.16	ug/l #	48
38) Carbon Tetrachloride	7.801	117	18659	7.48	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	73285	59.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73285	110.38	ug/l #	10
90) Hexachloroethane	13.971	117	226	7.53	ug/l #	12

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

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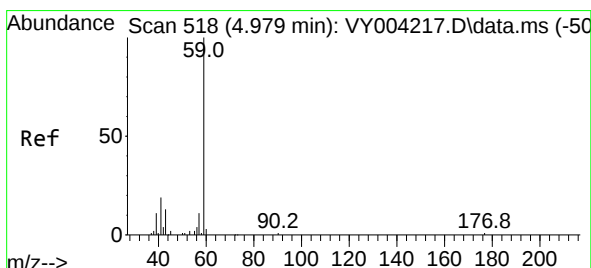
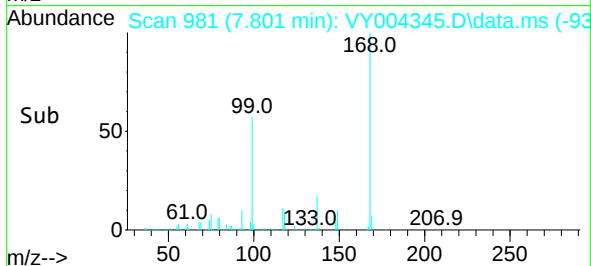
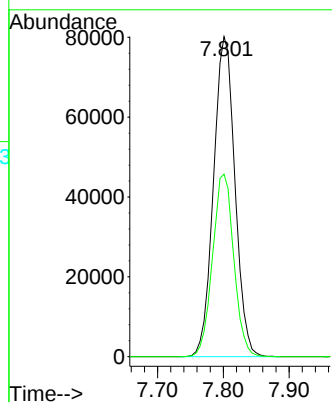
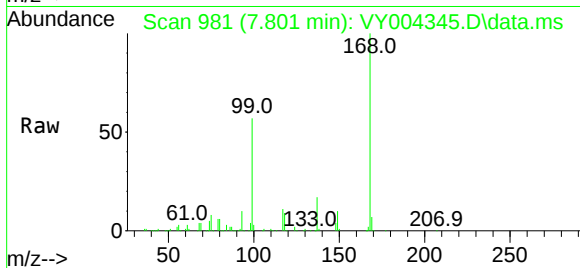




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

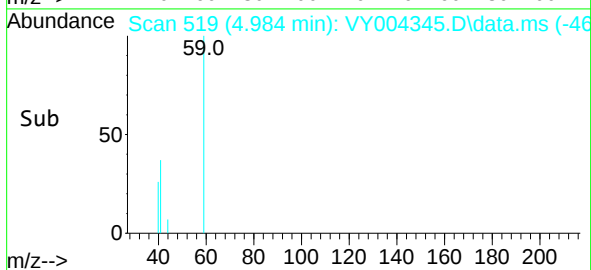
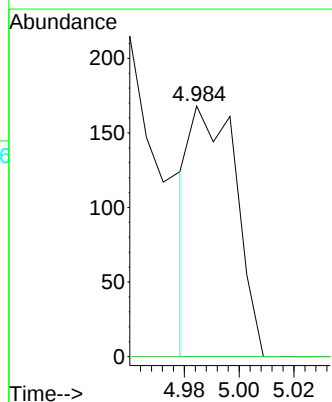
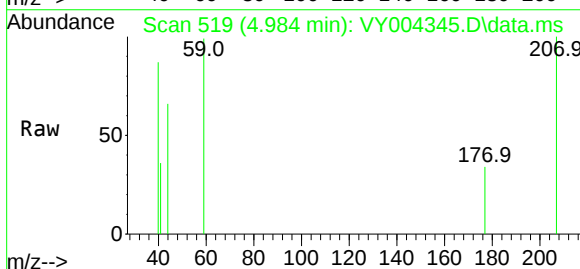
Instrument :
MSVOA_Y
ClientSampled :

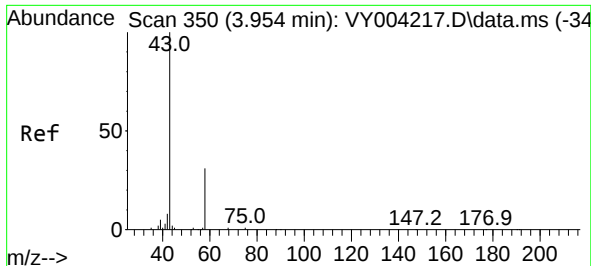
Tgt Ion:168 Resp: 181595
Ion Ratio Lower Upper
168 100
99 57.1 42.6 64.0



#11
Tert butyl alcohol
Concen: 1.36 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

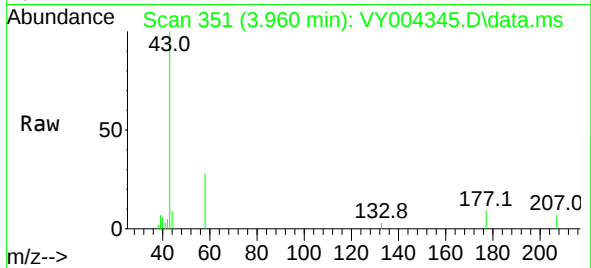
Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



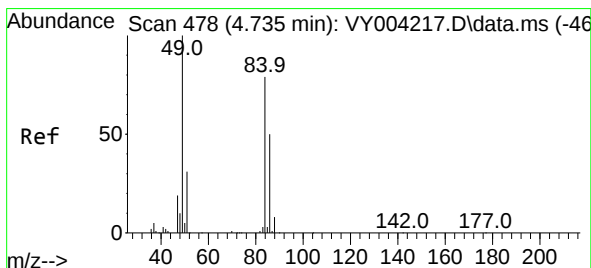
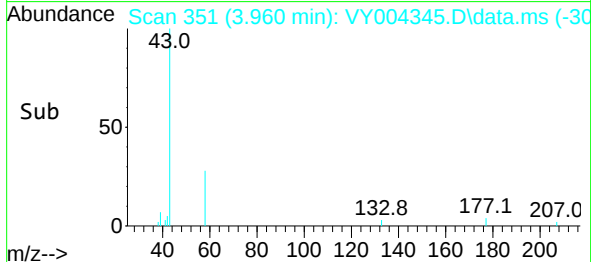
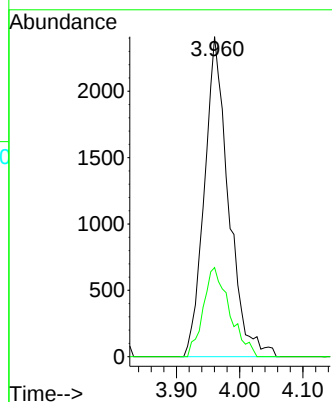


#16
Acetone
Concen: 17.66 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

Instrument :
MSVOA_Y
ClientSampled :

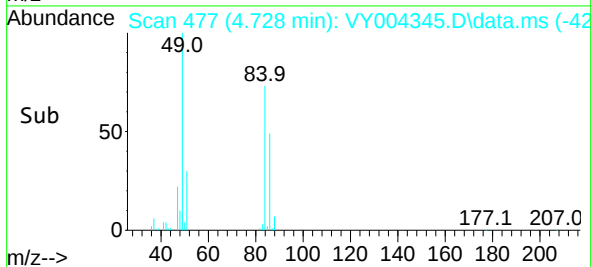
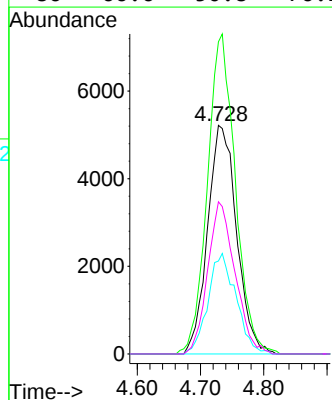
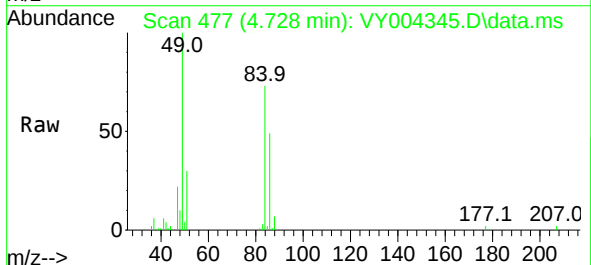


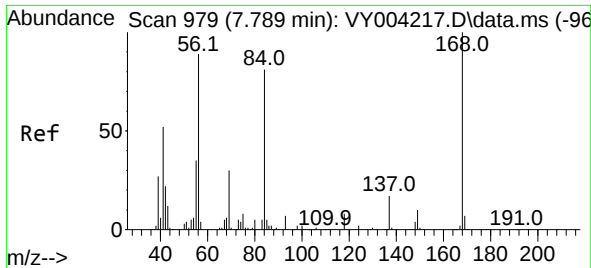
Tgt Ion: 43 Resp: 6422
Ion Ratio Lower Upper
43 100
58 27.9 24.5 36.7



#20
Methylene Chloride
Concen: 7.17 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

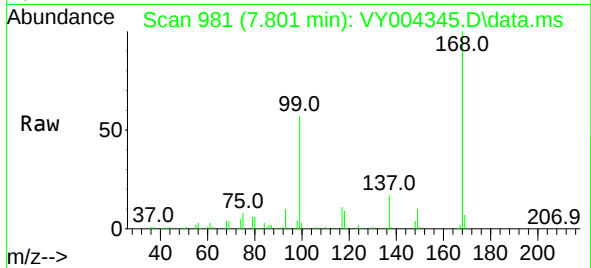
Tgt Ion: 84 Resp: 16622
Ion Ratio Lower Upper
84 100
49 136.5 101.5 152.3
51 40.7 31.5 47.3
86 66.6 50.8 76.2



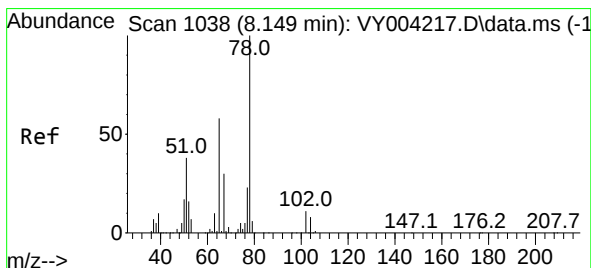
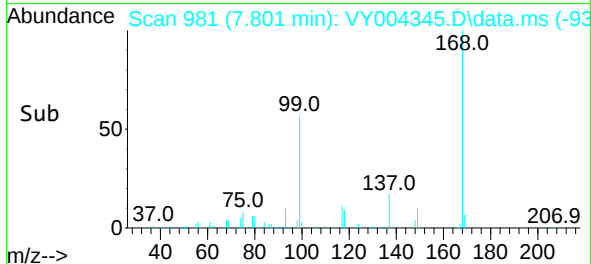
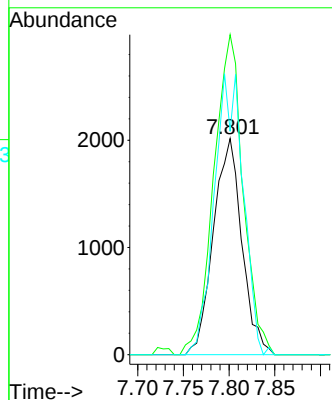


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

Instrument :
MSVOA_Y
ClientSampleId :

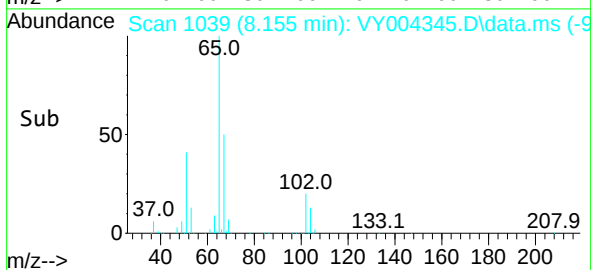
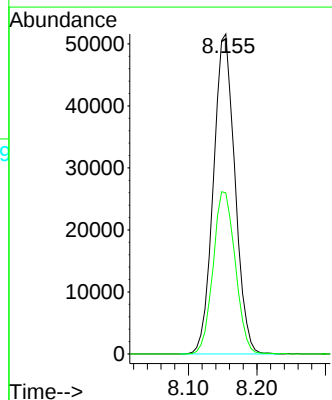
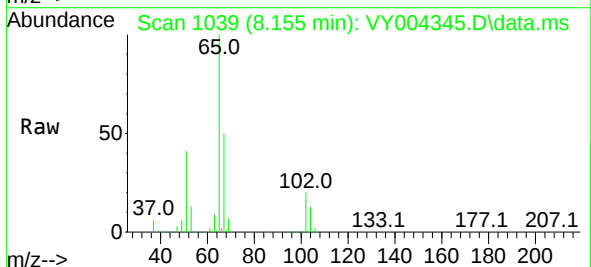


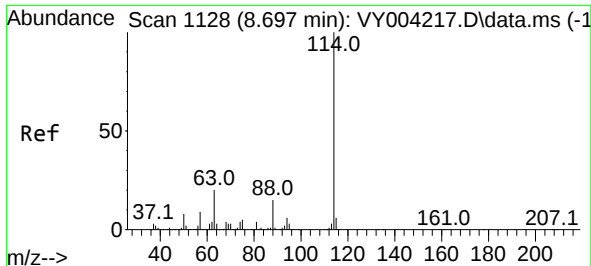
Tgt Ion: 56 Resp: 4370
Ion Ratio Lower Upper
56 100
69 148.1 26.6 40.0#
84 103.4 72.3 108.5



#33
1,2-Dichloroethane-d4
Concen: 64.40 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

Tgt Ion: 65 Resp: 112423
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2

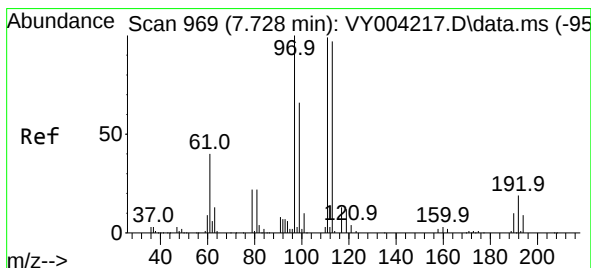
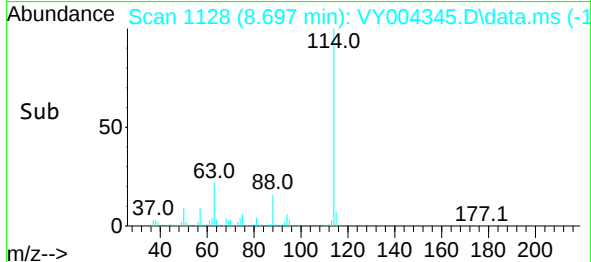
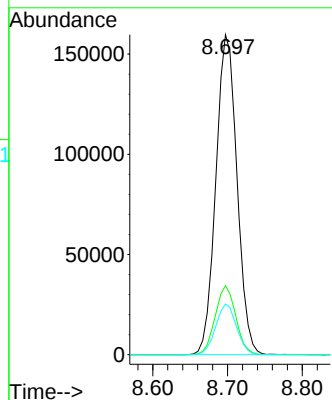
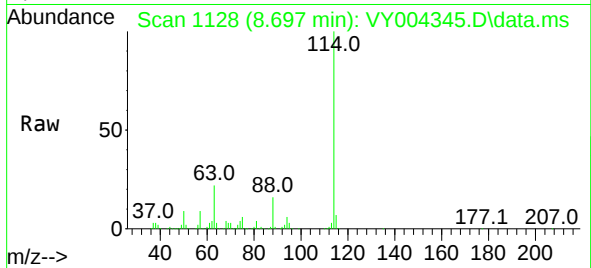




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

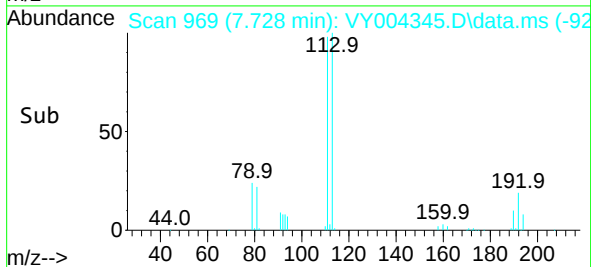
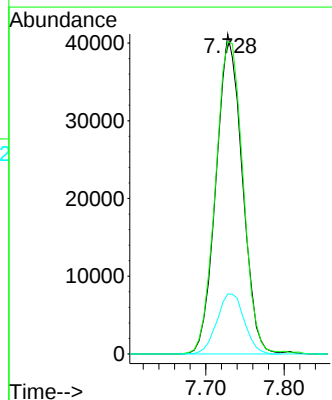
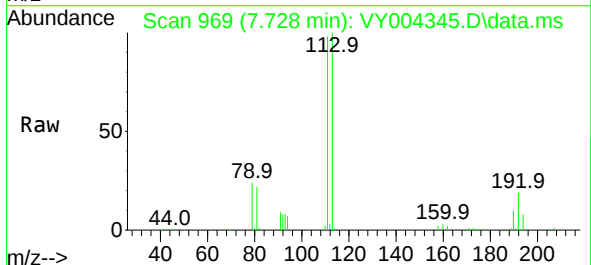
Instrument :
MSVOA_Y
ClientSampleId :

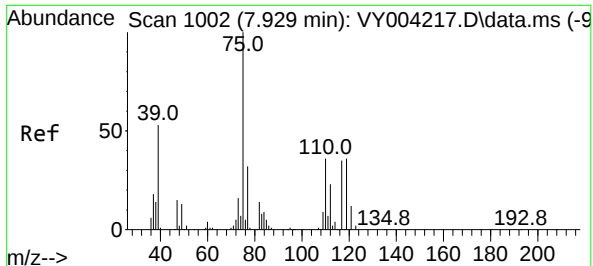
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.4
88	15.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.48 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	19.7	16.4	24.6

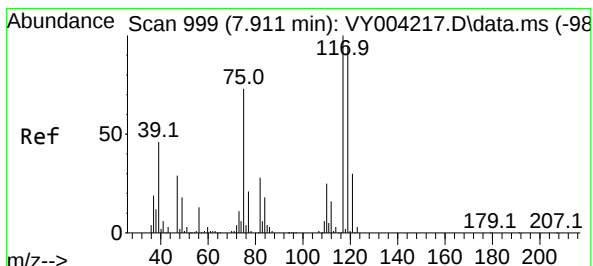
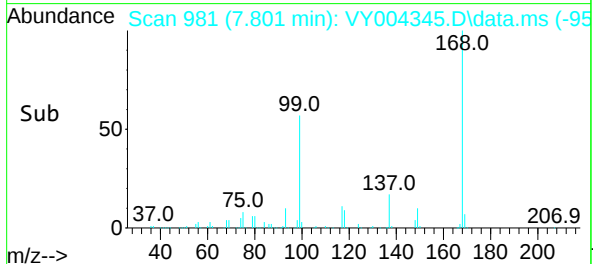
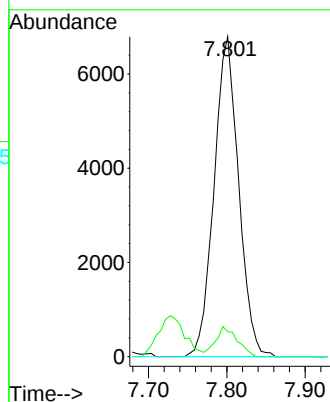
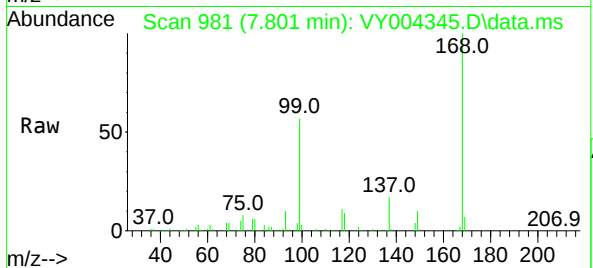




#36
1,1-Dichloropropene
Concen: 5.16 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

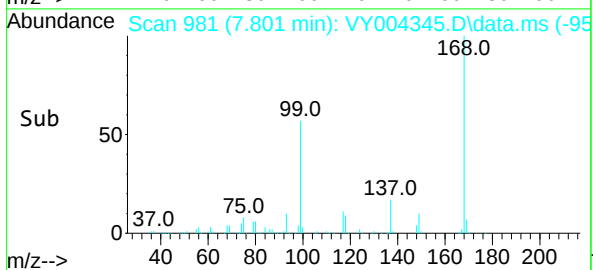
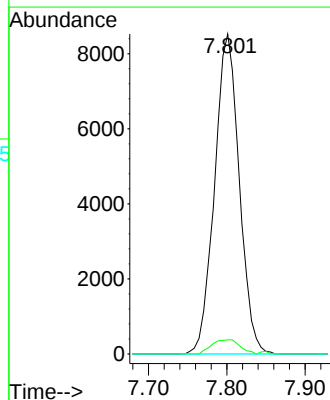
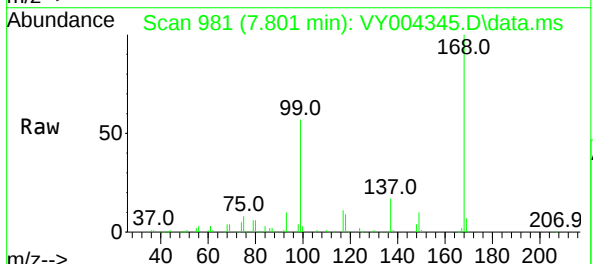
Instrument :
MSVOA_Y
ClientSampled :

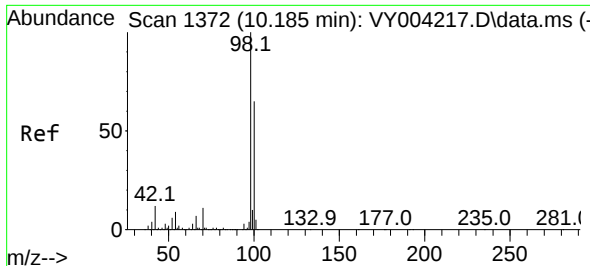
Tgt Ion: 75 Resp: 14814
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.3#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.48 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

Tgt Ion: 117 Resp: 18659
Ion Ratio Lower Upper
117 100
119 4.4 75.6 113.4#
121 0.0 24.3 36.5#

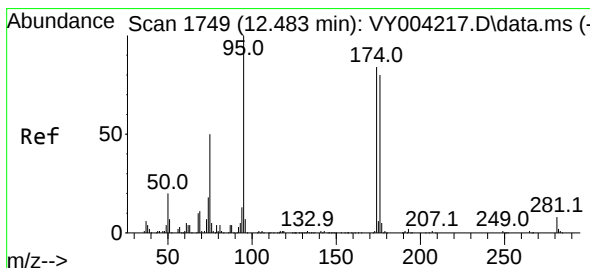
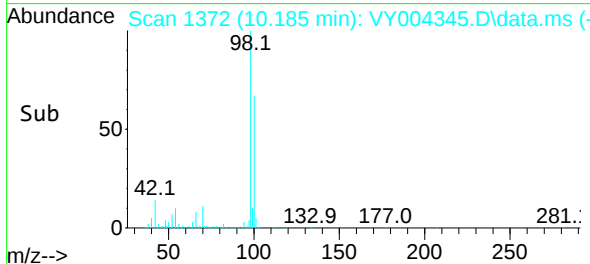
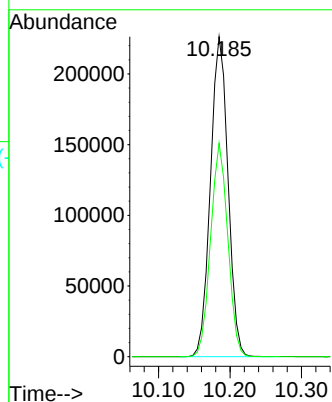
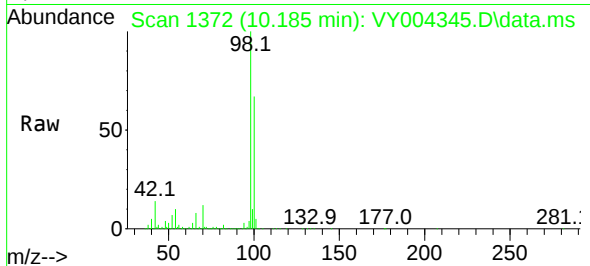




#50
Toluene-d8
Concen: 58.59 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

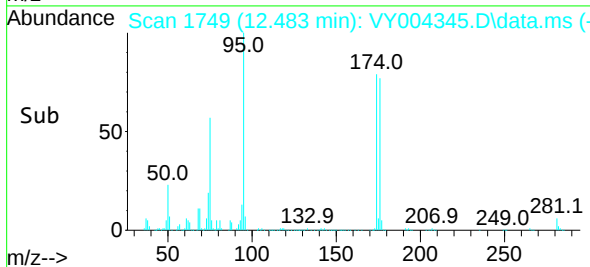
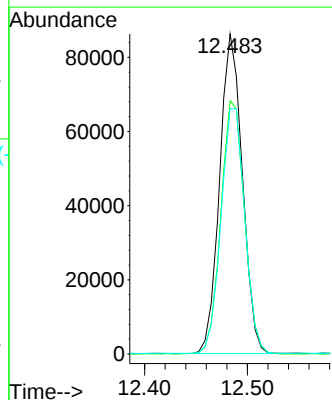
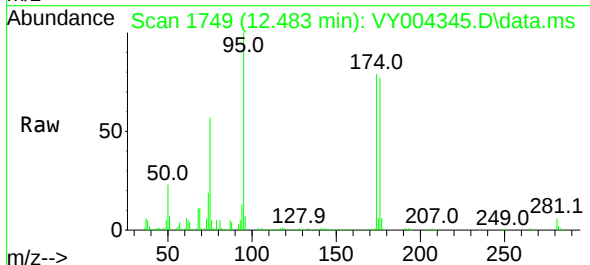
Instrument :
MSVOA_Y
ClientSampleId :

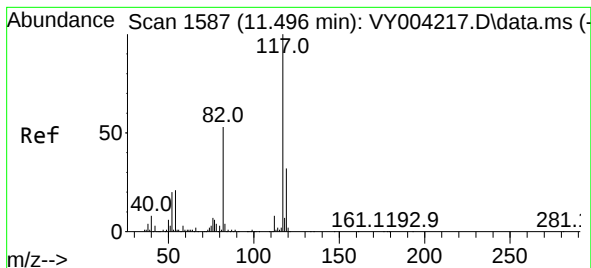
Tgt Ion: 98 Resp: 385918
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 58.47 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

Tgt Ion: 95 Resp: 132005
Ion Ratio Lower Upper
95 100
174 82.3 0.0 171.4
176 80.3 0.0 165.6

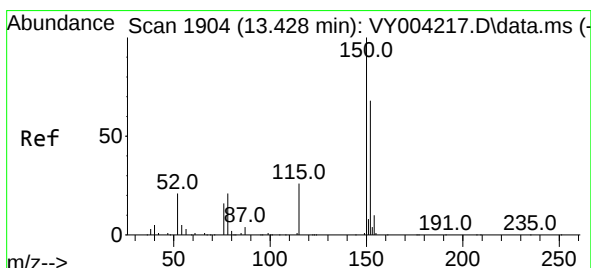
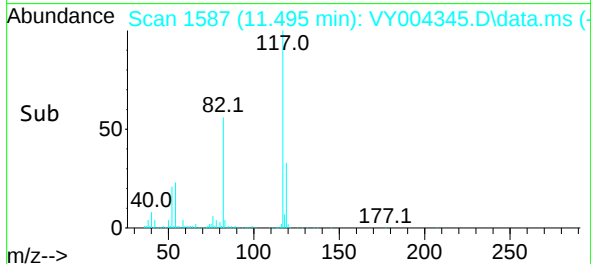
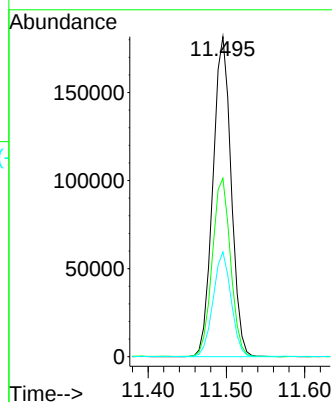
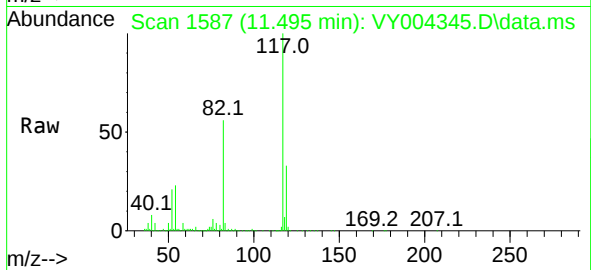




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

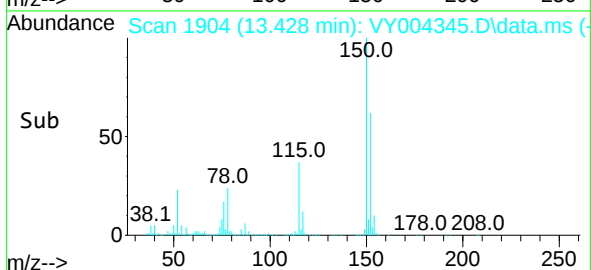
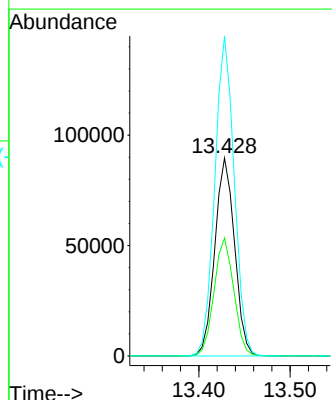
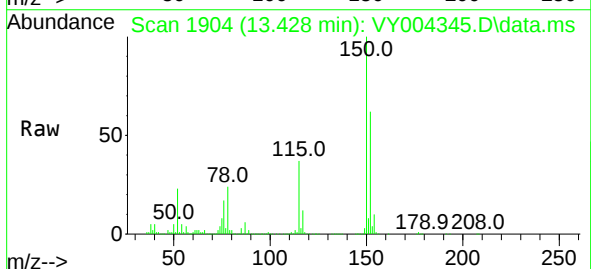
Instrument :
MSVOA_Y
ClientSampleId :

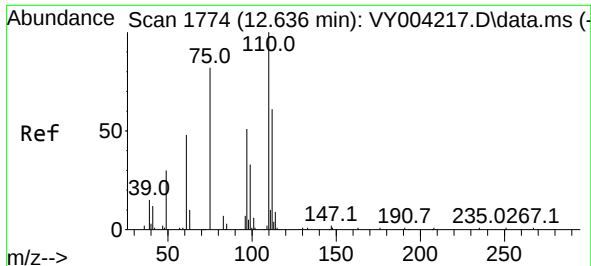
Tgt Ion:117 Resp: 294176
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

Tgt Ion:152 Resp: 134753
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.1
150 159.0 0.0 347.4

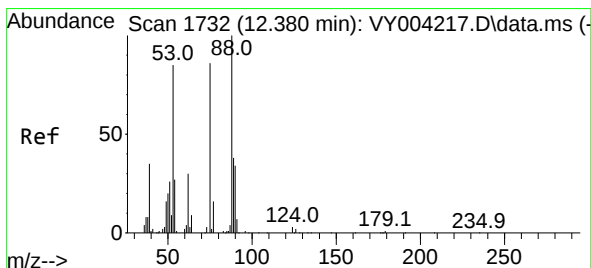
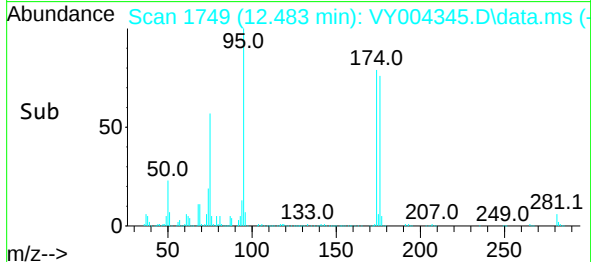
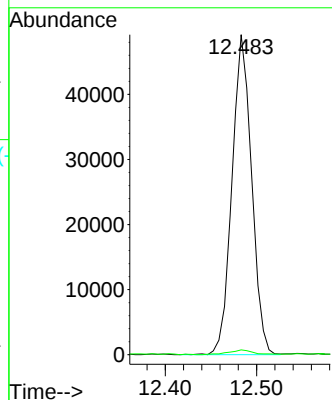
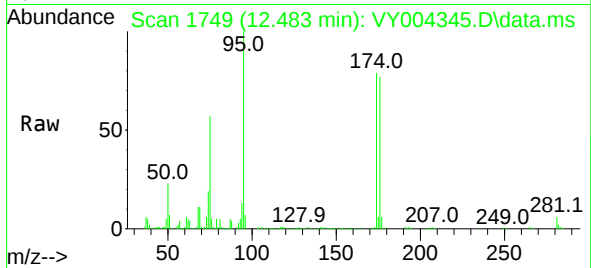




#76
1,2,3-Trichloropropane
Concen: 59.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

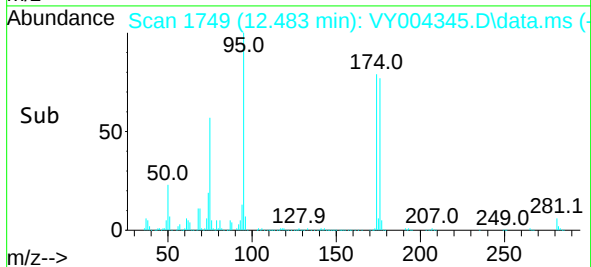
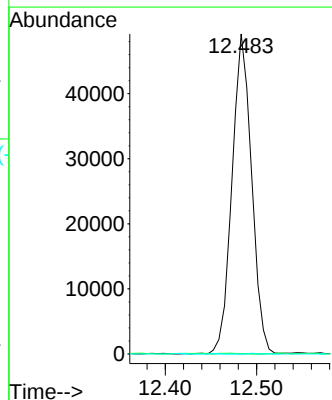
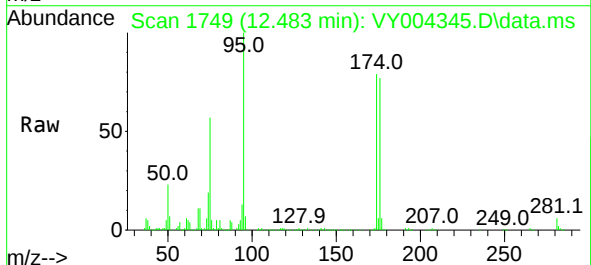
Instrument :
MSVOA_Y
ClientSampled :

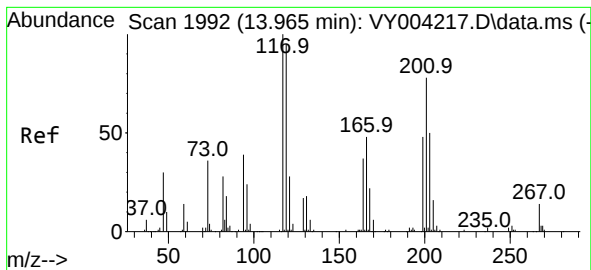
Tgt Ion: 75 Resp: 73285
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004345.D
Acq: 08 Apr 2021 19:02

Tgt Ion: 75 Resp: 73285
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.1 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.53 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VY004345.D
 Acq: 08 Apr 2021 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:117 Resp: 226
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

