

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004632.D
 Acq On : 26 Apr 2021 16:12
 Operator : SY/MD
 Sample : M2176-08
 Misc : 5.54G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:34:01 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)

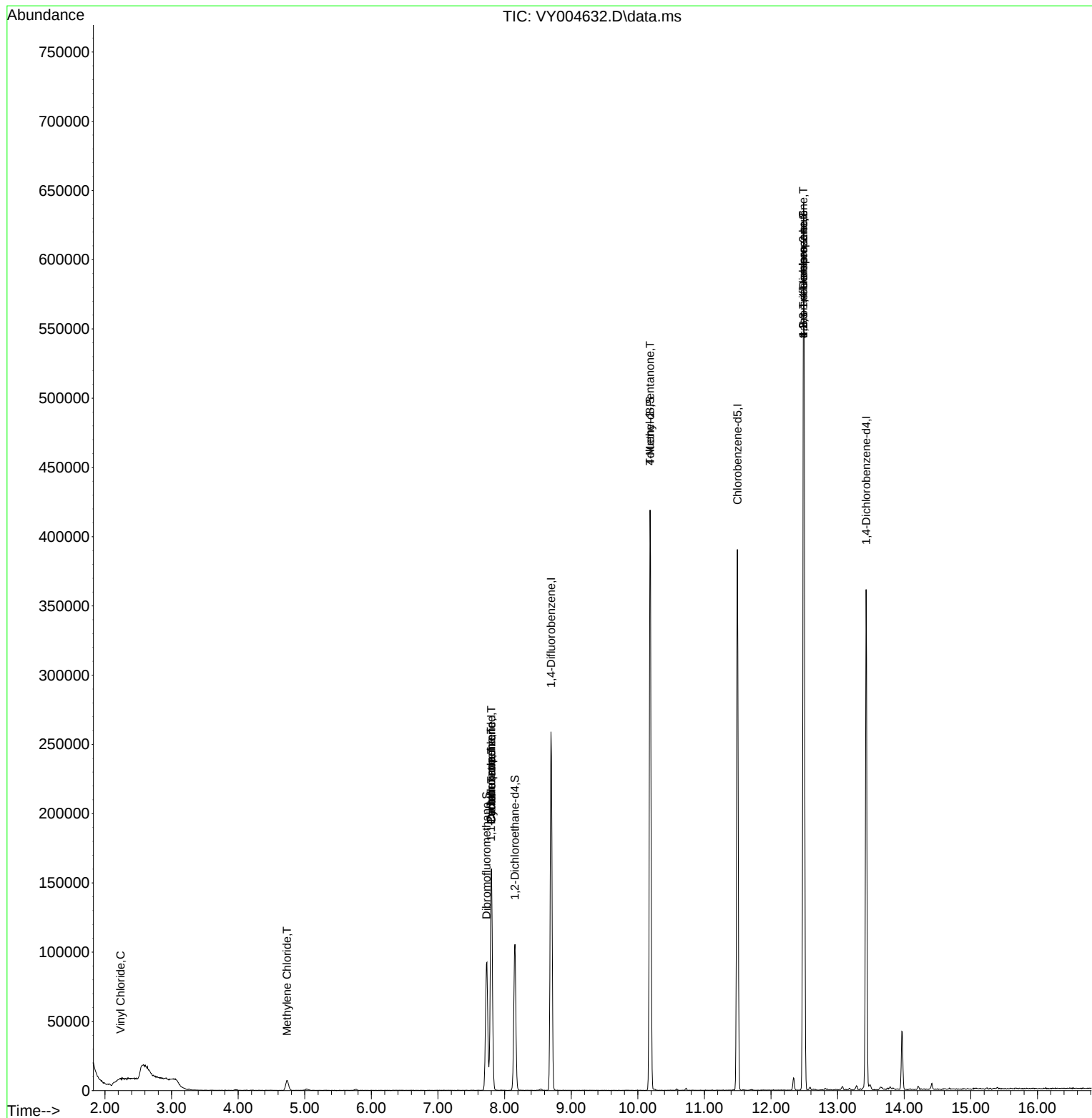
Internal Standards						
1) Pentafluorobenzene	7.801	168	119621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	199295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81484	61.31	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.62%			
35) Dibromofluoromethane	7.728	113	63831	54.34	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.68%			
50) Toluene-d8	10.185	98	260510	52.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.28%			
62) 4-Bromofluorobenzene	12.483	95	89648	52.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.74%			
Target Compounds						
4) Vinyl Chloride	2.235	62	5957	3.52	ug/l #	43
16) Acetone	3.960	43	969	Below Cal		96
20) Methylene Chloride	4.735	84	5184	4.04	ug/l	97
31) Cyclohexane	7.801	56	3031	1.24	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	9671	4.60	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12240	6.73	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1430	1.08	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	53651	60.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53651	107.59	ug/l #	13

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

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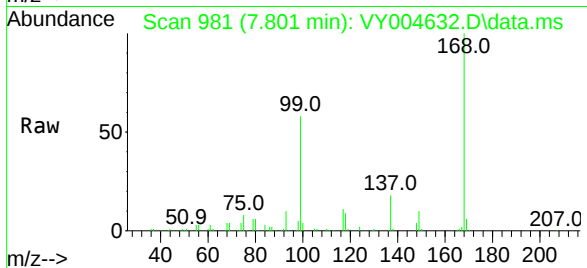
Quant Time: Apr 27 09:34:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



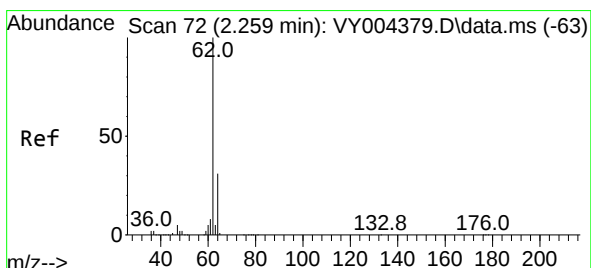
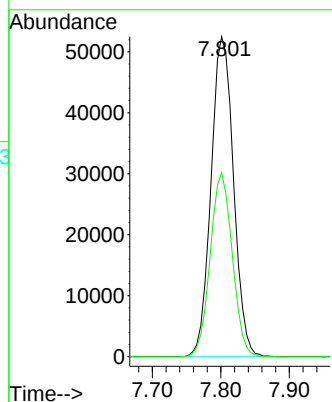
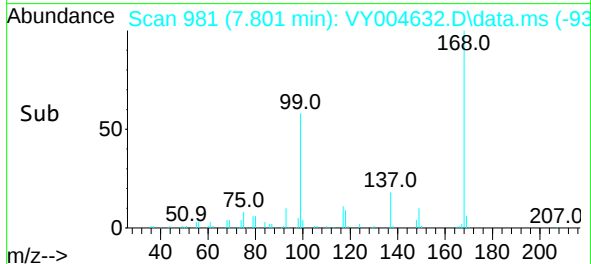


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

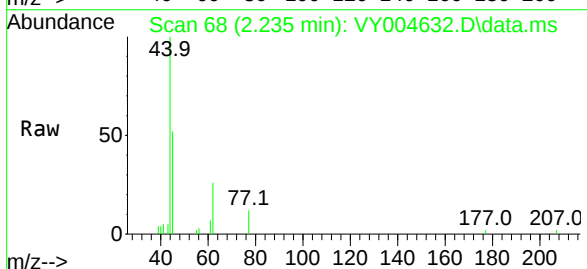
Instrument :
MSVOA_Y
ClientSampled :



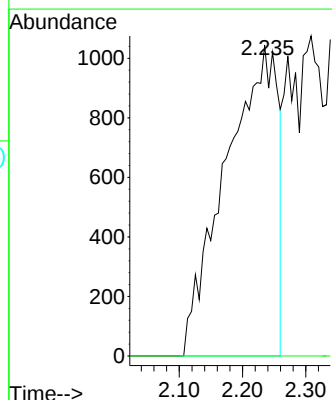
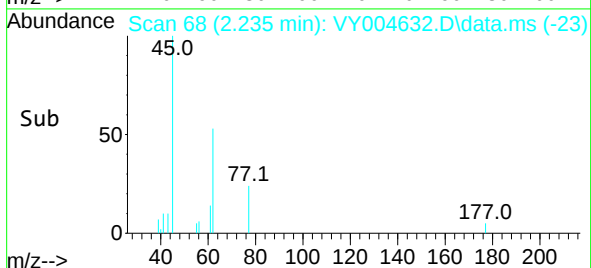
Tgt Ion:168 Resp: 119621
Ion Ratio Lower Upper
168 100
99 57.6 45.5 68.3

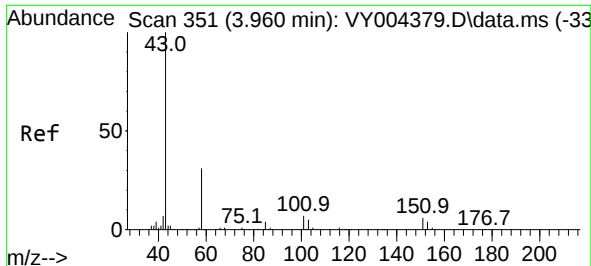


#4
Vinyl Chloride
Concen: 3.52 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12



Tgt Ion: 62 Resp: 5957
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

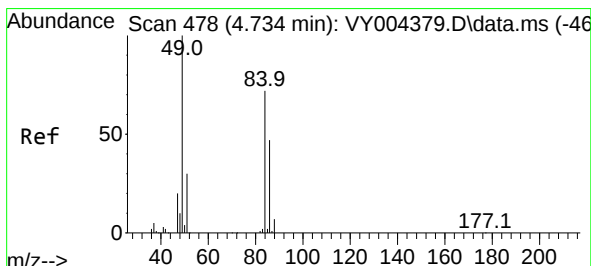
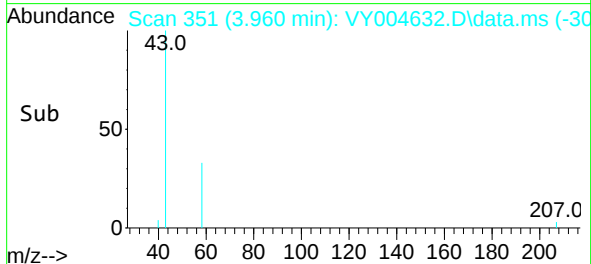
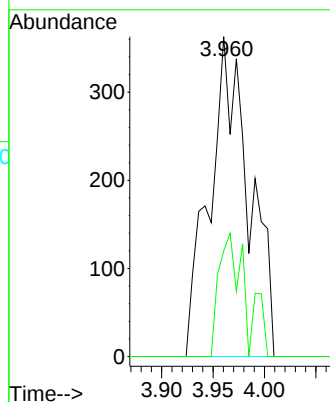
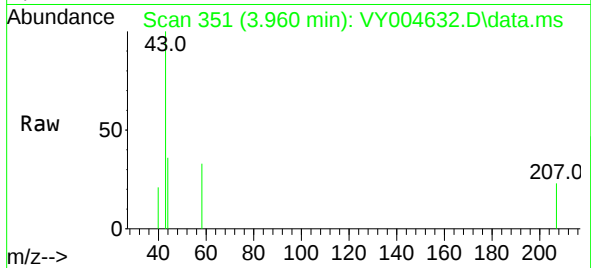




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

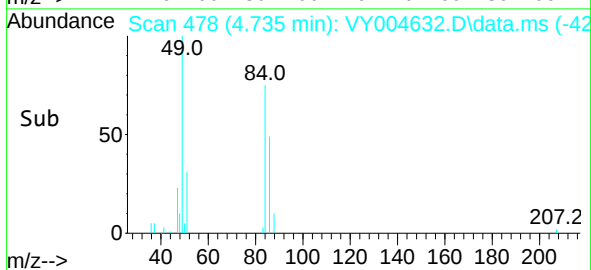
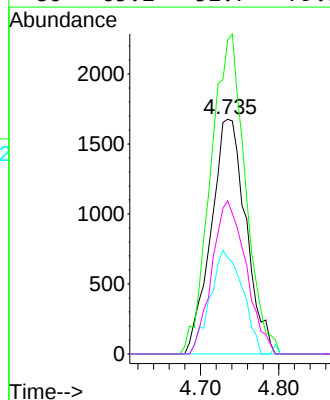
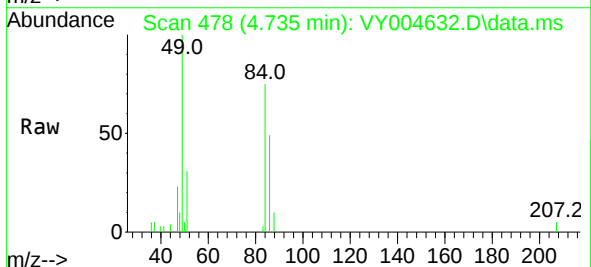
Instrument :
MSVOA_Y
ClientSampled :

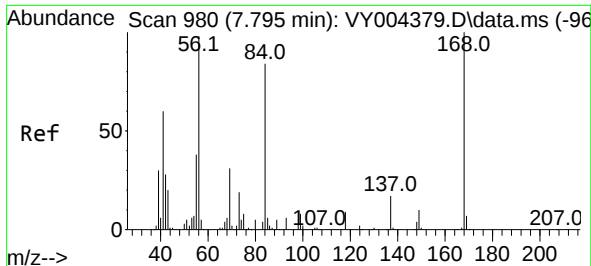
Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 33.1 24.6 37.0



#20
Methylene Chloride
Concen: 4.04 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

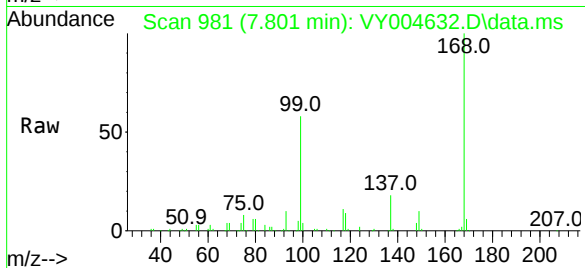
Tgt Ion: 84 Resp: 5184
Ion Ratio Lower Upper
84 100
49 133.7 111.2 166.8
51 41.0 33.4 50.2
86 65.2 52.7 79.1



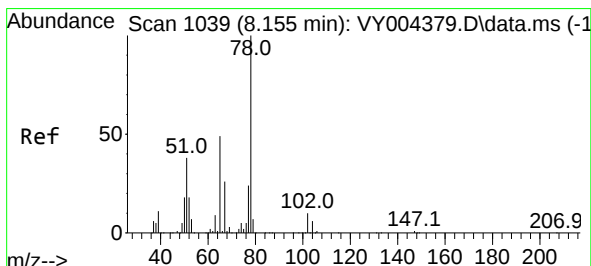
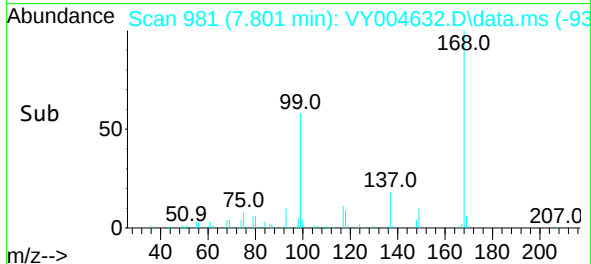
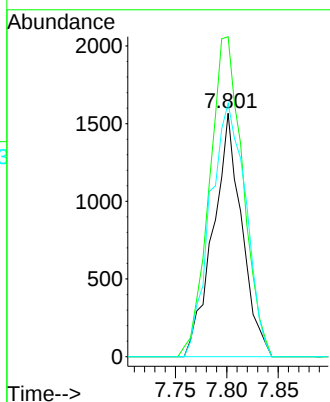


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

Instrument :
MSVOA_Y
ClientSampleId :

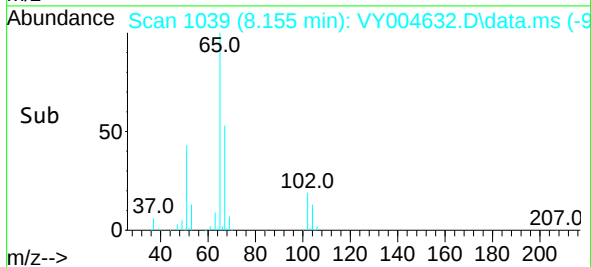
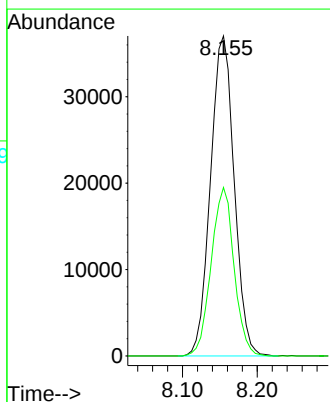
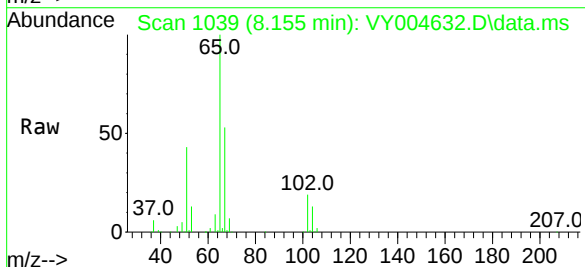


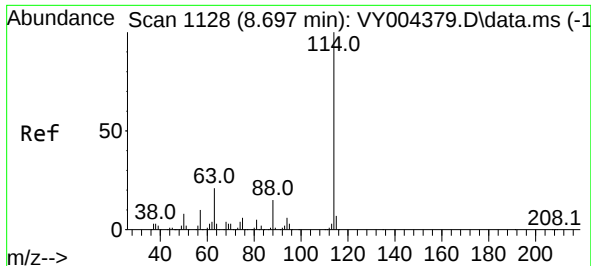
Tgt Ion: 56 Resp: 3031
Ion Ratio Lower Upper
56 100
69 131.5 25.8 38.6#
84 104.1 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 61.31 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

Tgt Ion: 65 Resp: 81484
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.4

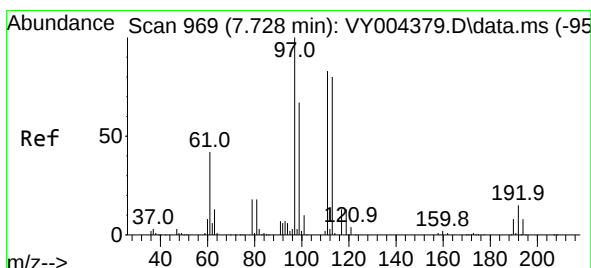
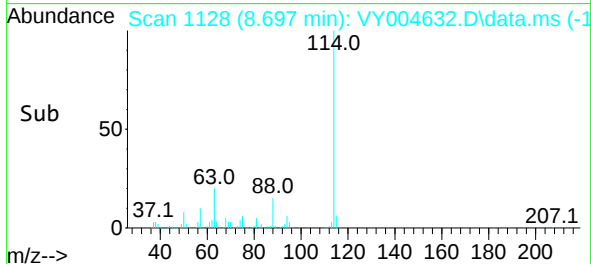
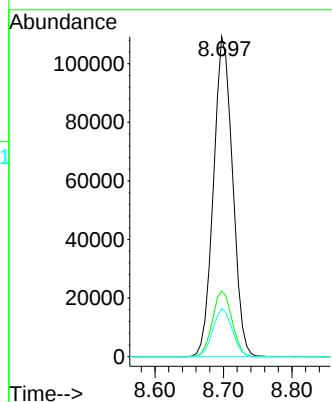
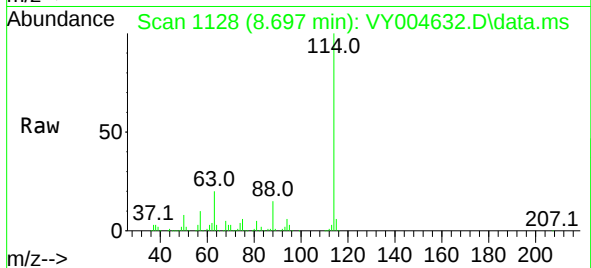




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

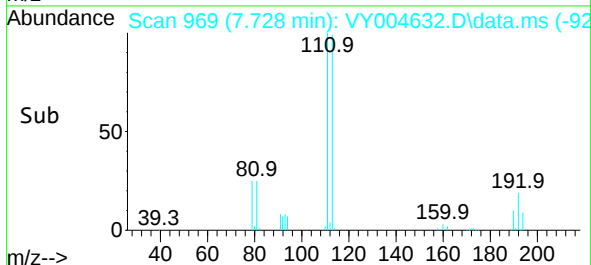
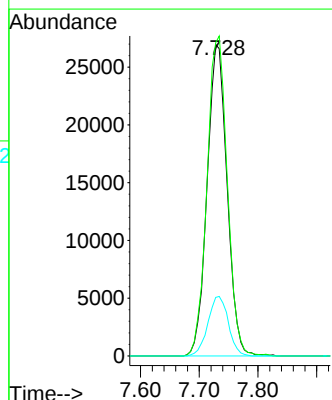
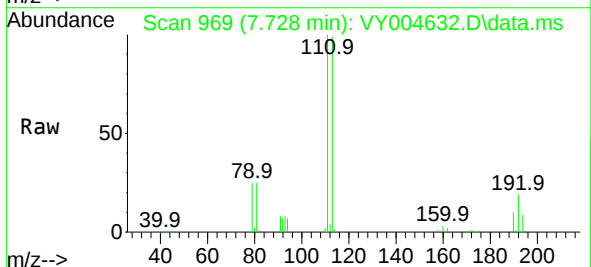
Instrument :
MSVOA_Y
ClientSampled :

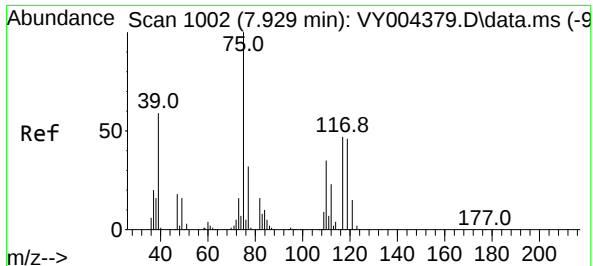
Tgt Ion:114 Resp: 211669
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.34 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

Tgt Ion:113 Resp: 63831
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 19.5 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.60 ug/l

RT: 7.795 min Scan# 980

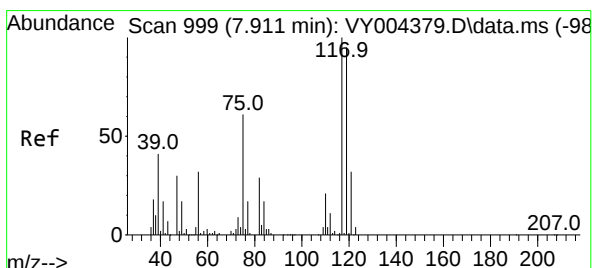
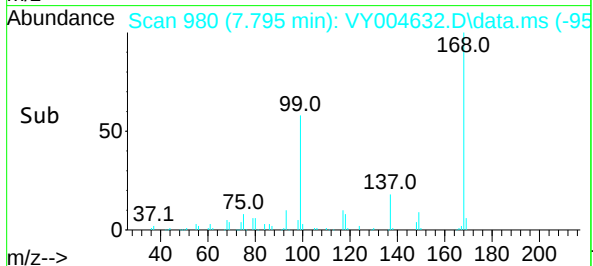
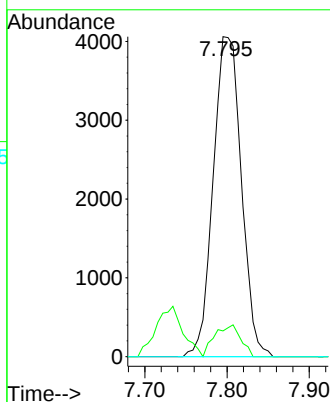
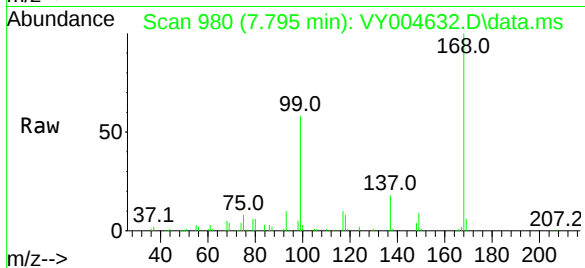
Delta R.T. -0.134 min

Lab File: VY004632.D

Acq: 26 Apr 2021 16:12

Tgt Ion: 75	Resp: 9671
Ion Ratio	Lower Upper
75 100	
110 9.2	17.3 51.7#
77 0.0	24.3 36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.73 ug/l

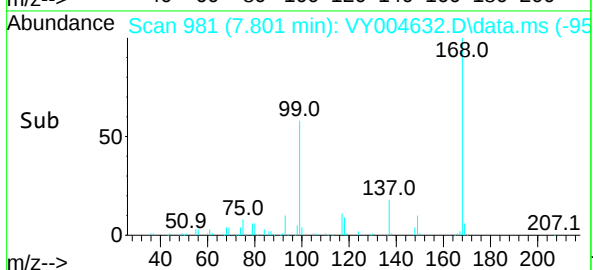
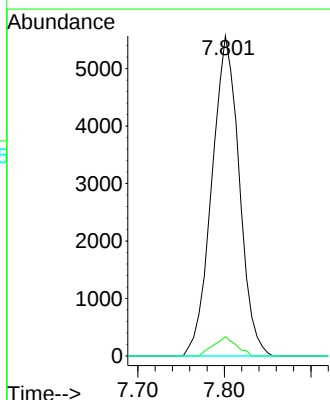
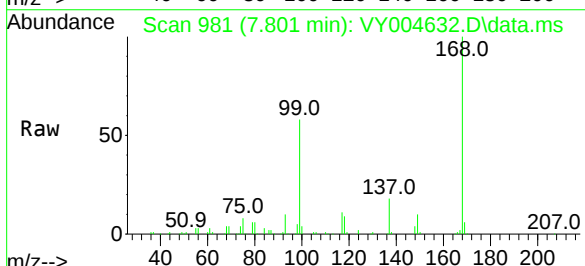
RT: 7.801 min Scan# 981

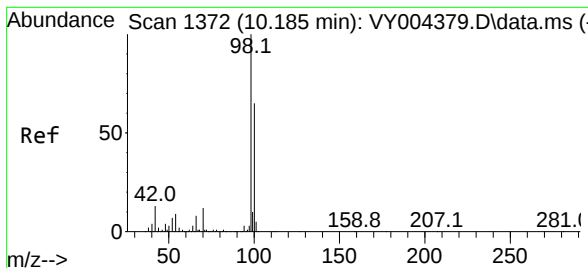
Delta R.T. -0.109 min

Lab File: VY004632.D

Acq: 26 Apr 2021 16:12

Tgt Ion: 117	Resp: 12240
Ion Ratio	Lower Upper
117 100	
119 6.0	75.8 113.8#
121 0.0	25.3 37.9#

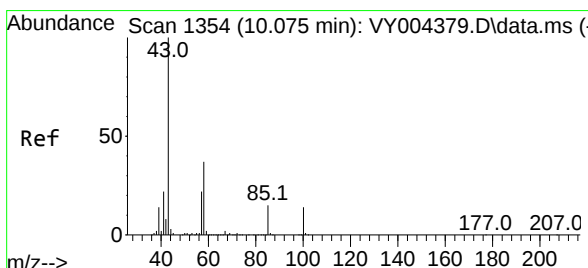
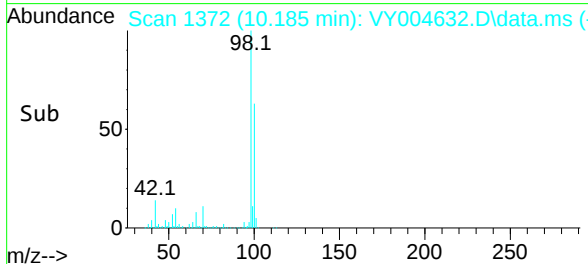
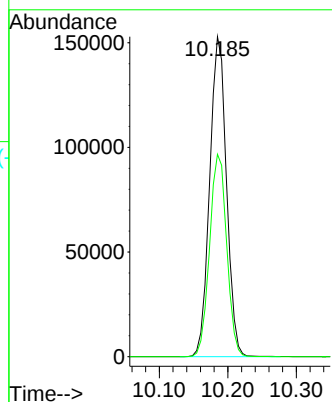
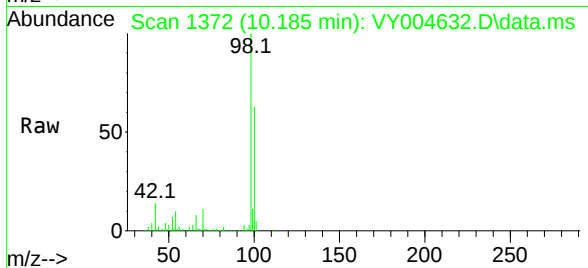




#50
Toluene-d8
Concen: 52.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

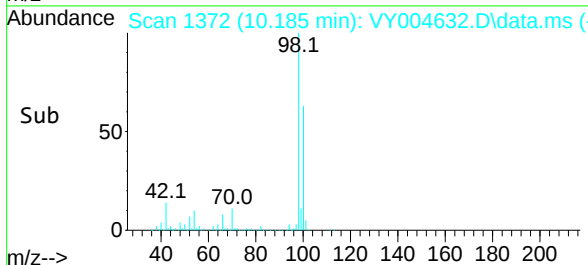
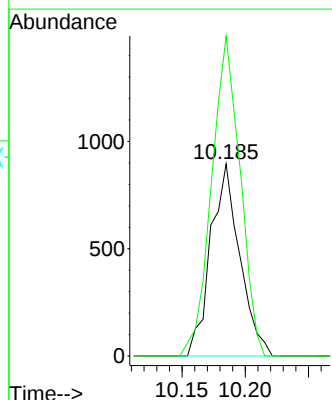
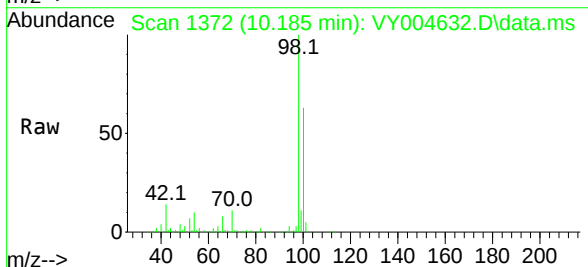
Instrument :
MSVOA_Y
ClientSampled :

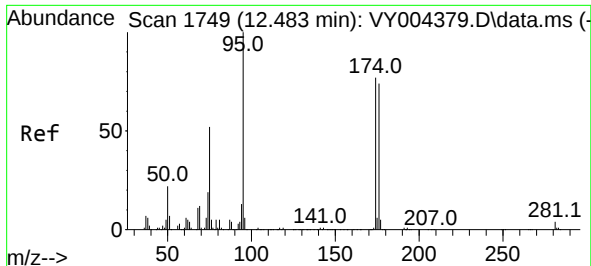
Tgt Ion: 98 Resp: 260510
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.08 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
58 163.8 29.2 43.8#

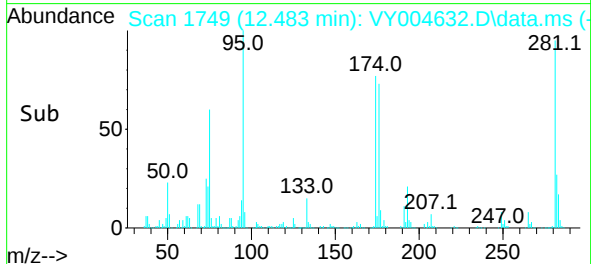
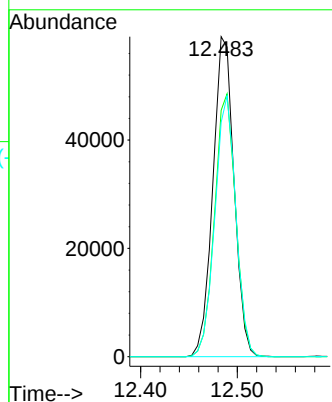
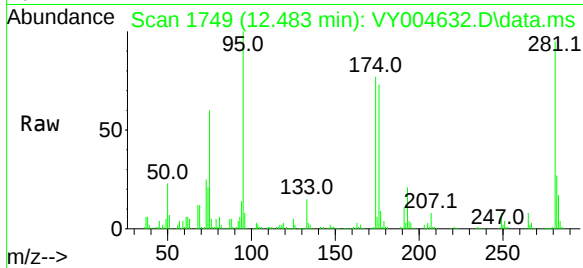




#62
4-Bromofluorobenzene
Concen: 52.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

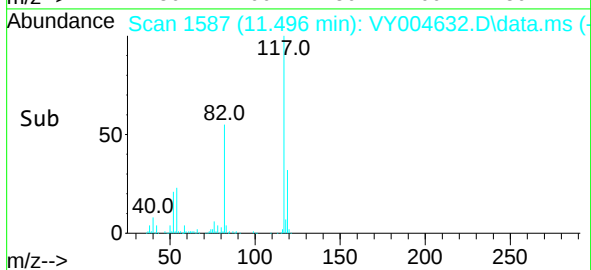
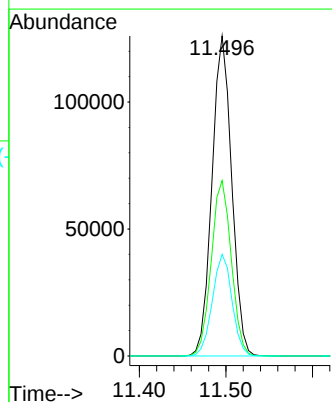
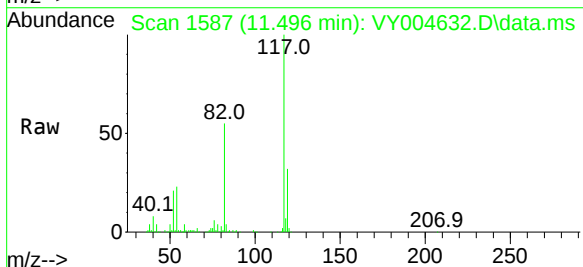
Instrument :
MSVOA_Y
ClientSampleId :

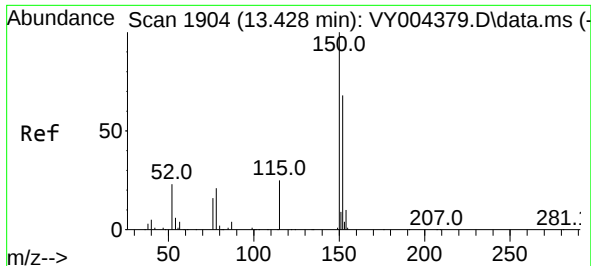
Tgt Ion: 95 Resp: 89648
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.4
176 80.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

Tgt Ion: 117 Resp: 199295
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 31.8 25.4 38.0

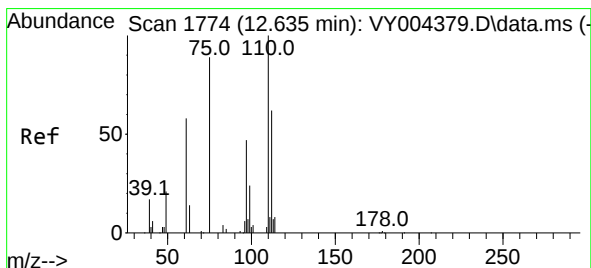
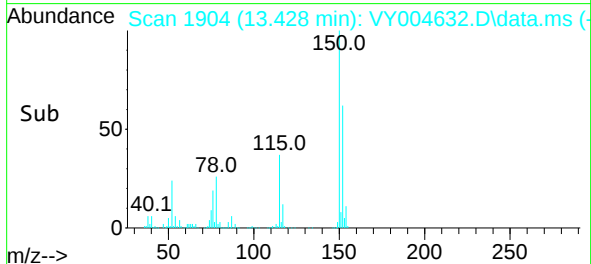
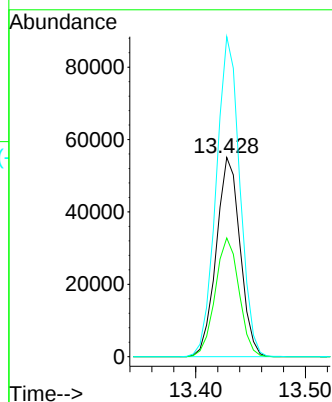
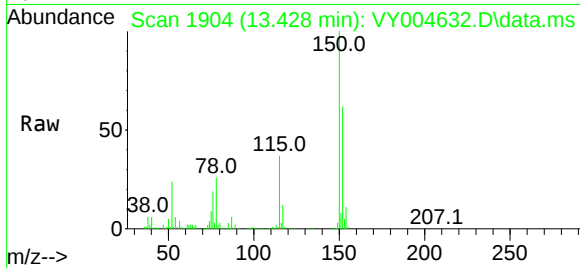




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

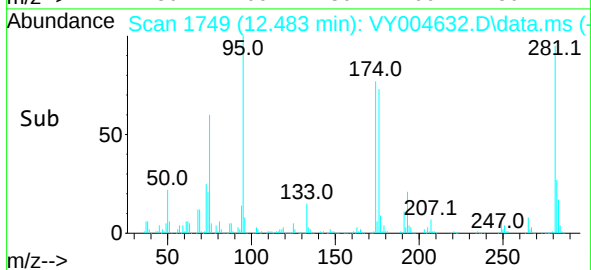
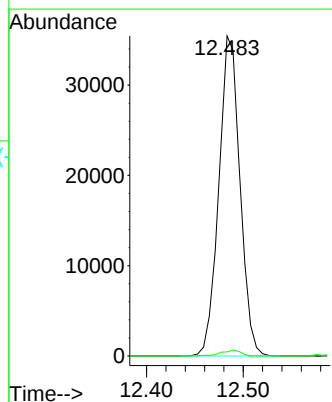
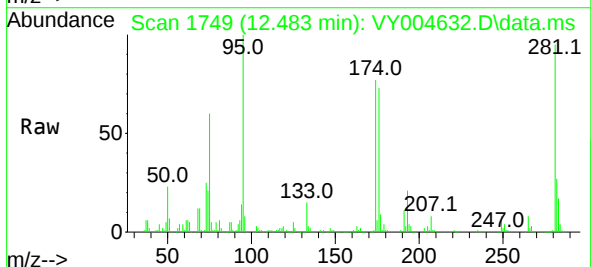
Instrument :
MSVOA_Y
ClientSampleId :

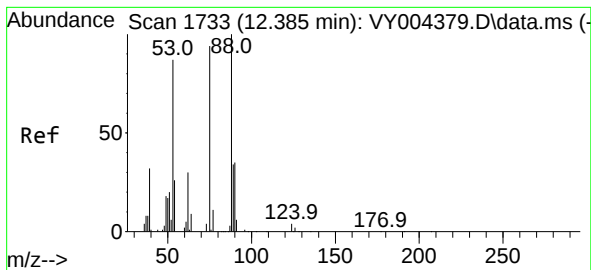
Tgt Ion:152 Resp: 83114
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 159.5 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 60.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004632.D
Acq: 26 Apr 2021 16:12

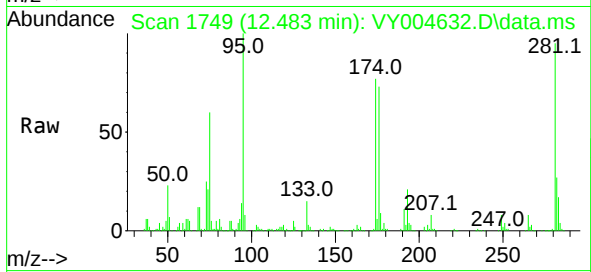
Tgt Ion: 75 Resp: 53651
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.59 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004632.D
 Acq: 26 Apr 2021 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 53651
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 2.3 36.1 54.1#

