

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068260.D
 Acq On : 03 Feb 2021 14:06
 Operator : VA/SY
 Sample : M1292-04
 Misc : 10.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 03 23:41:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

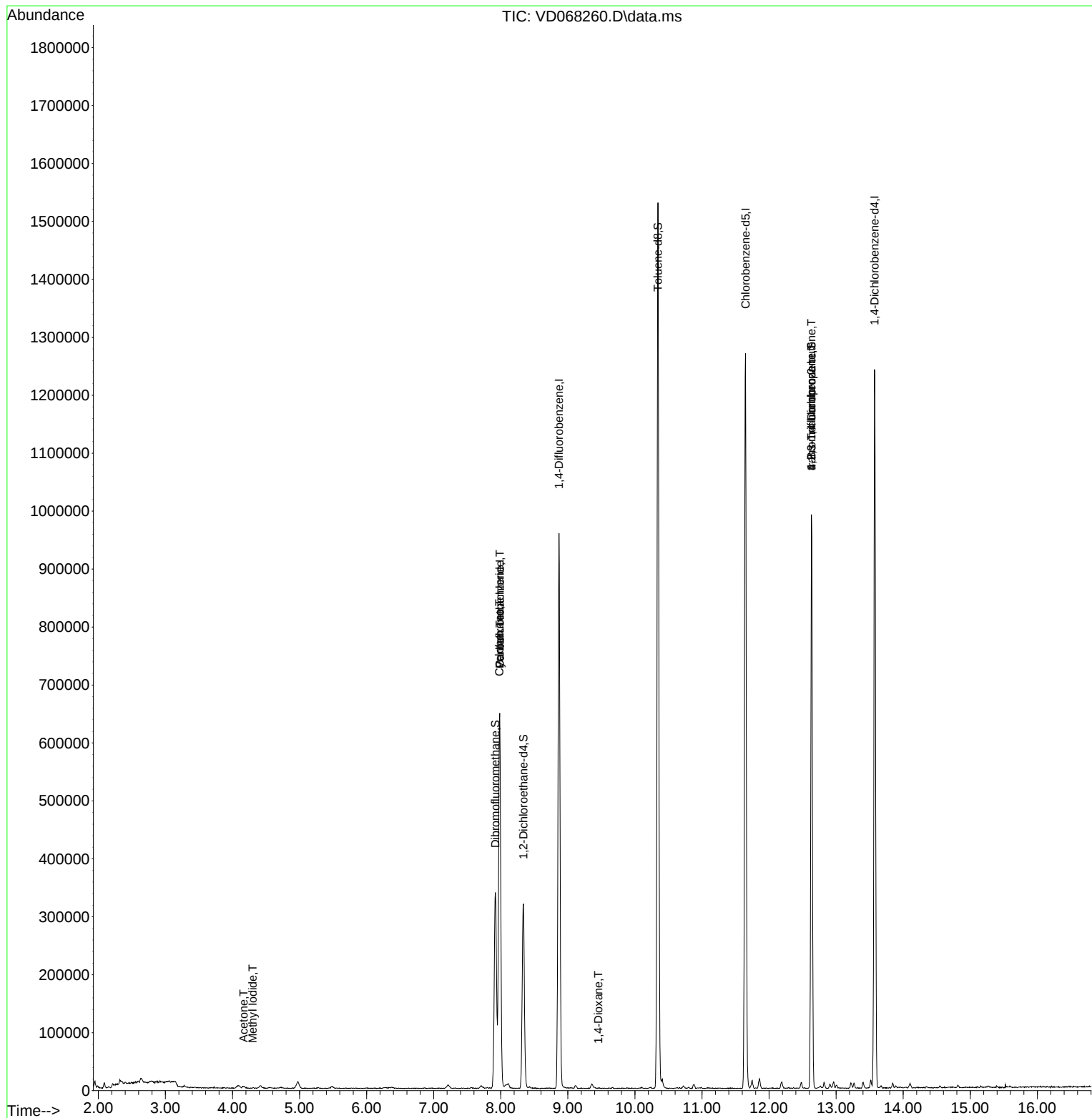
Internal Standards						
1) Pentafluorobenzene	7.985	168	491311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	852222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	759064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	331614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	256349	54.54	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.08%			
35) Dibromofluoromethane	7.920	113	252808	53.66	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.32%			
50) Toluene-d8	10.343	98	1053928	55.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.84%			
62) 4-Bromofluorobenzene	12.632	95	346494	51.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.10%			
Target Compounds						
10) Methyl Iodide	4.303	142	1196	3.35	ug/l #	59
11) Tert butyl alcohol	5.208	59	86	Below Cal	#	74
16) Acetone	4.167	43	6123	7.30	ug/l	97
20) Methylene Chloride	4.973	84	8737	Below Cal	#	83
31) Cyclohexane	7.979	56	12717	1.25	ug/l #	7
38) Carbon Tetrachloride	7.985	117	50358	6.26	ug/l #	14
49) 1,4-Dioxane	9.455	88	56	1.60	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	172398	53.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	172398	108.80	ug/l #	13

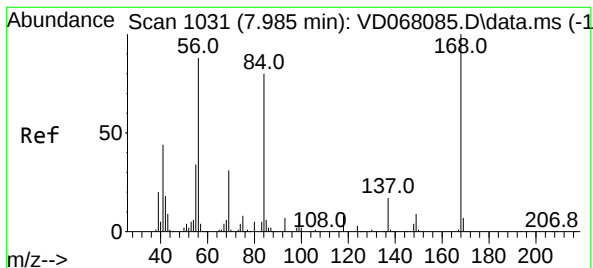
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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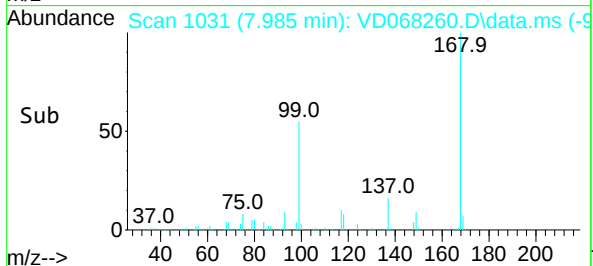
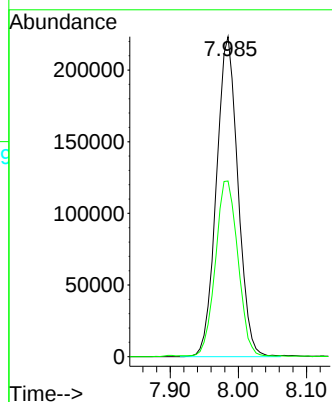
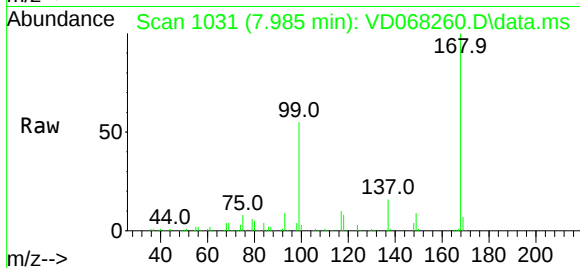




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

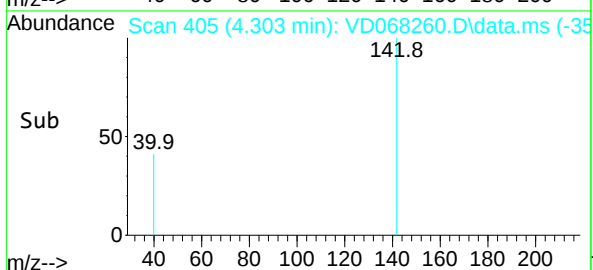
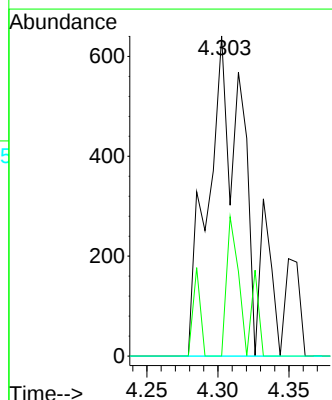
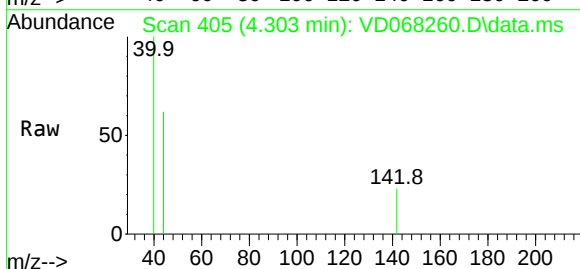
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 491311
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

Tgt Ion:142 Resp: 1196
Ion Ratio Lower Upper
142 100
127 18.3 37.9 56.9#
141 0.0 11.5 17.3#

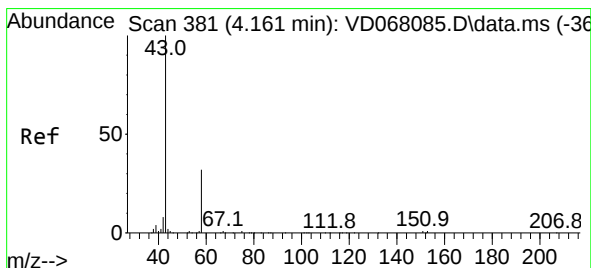
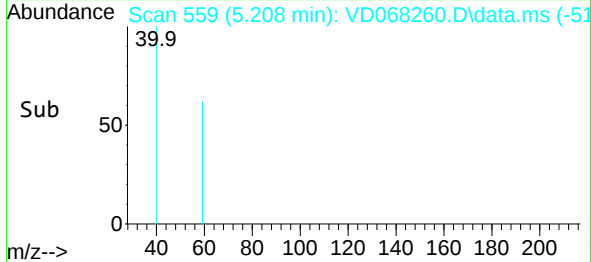
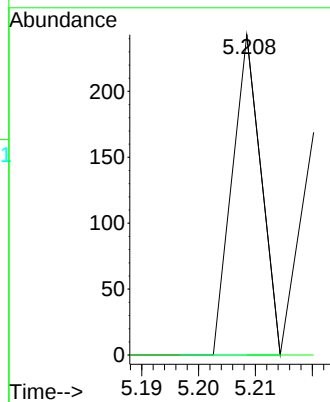
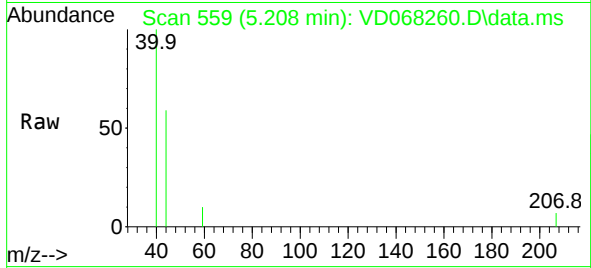




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

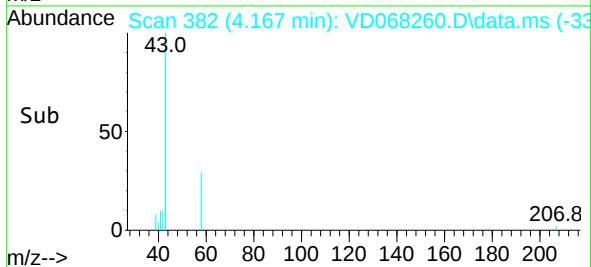
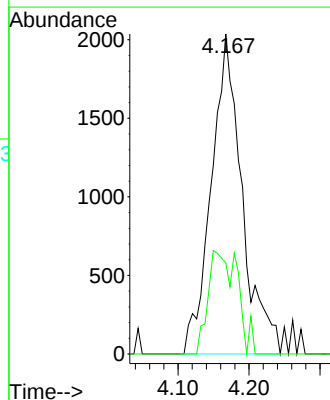
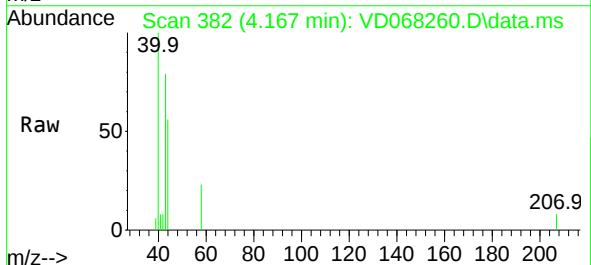
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 7.30 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

Tgt Ion: 43 Resp: 6123
Ion Ratio Lower Upper
43 100
58 28.5 24.2 36.4



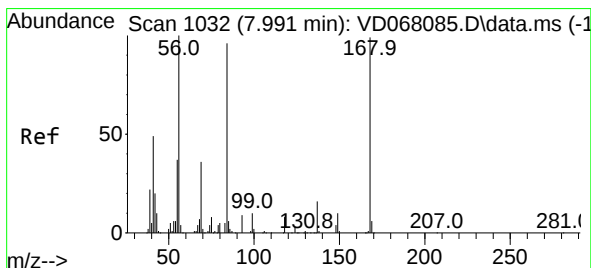
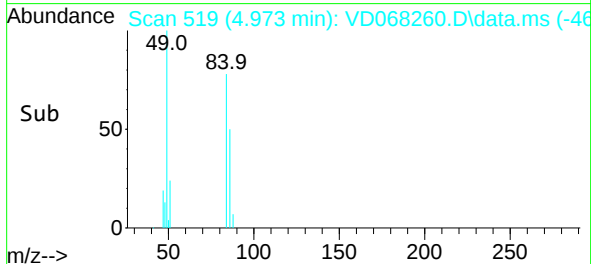
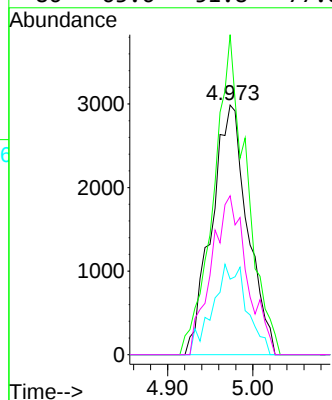
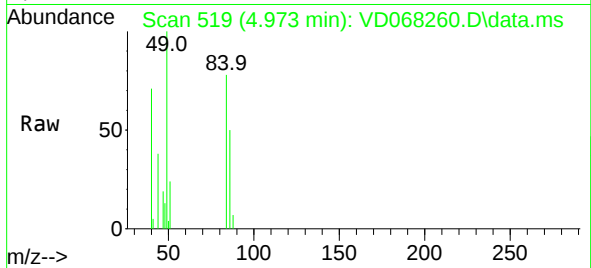


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 84 Resp: 8737

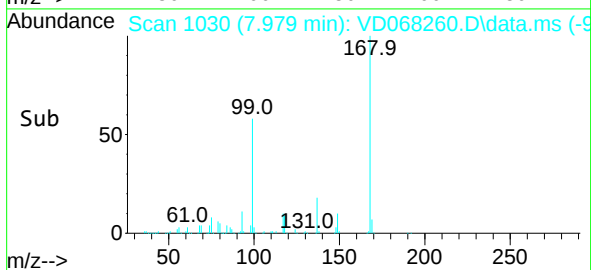
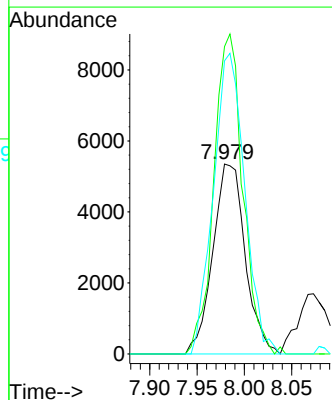
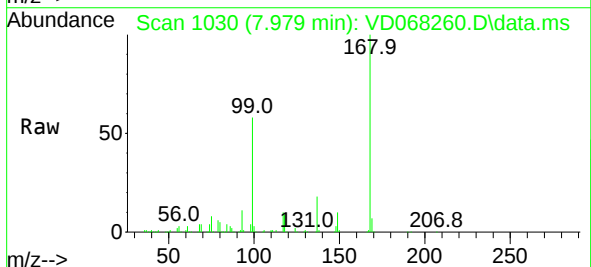
Ion	Ratio	Lower	Upper
84	100		
49	128.2	77.4	116.2#
51	30.2	26.1	39.1
86	63.6	51.8	77.8

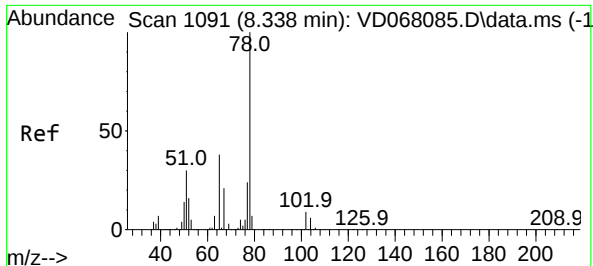


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

Tgt Ion: 56 Resp: 12717

Ion	Ratio	Lower	Upper
56	100		
69	161.9	30.1	45.1#
84	154.4	82.1	123.1#

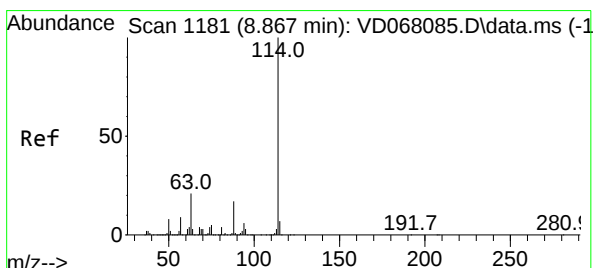
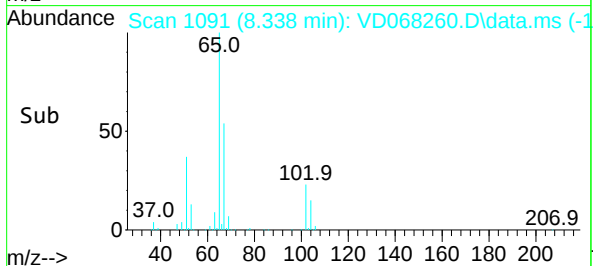
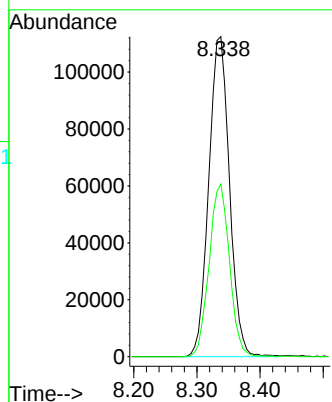
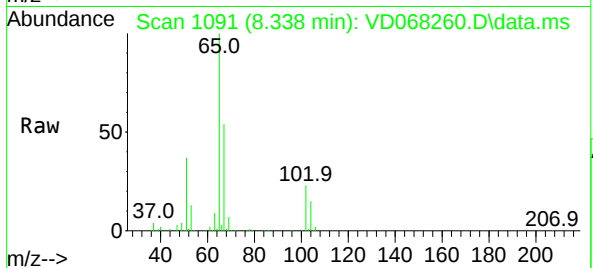




#33
 1,2-Dichloroethane-d4
 Concen: 54.54 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD068260.D
 Acq: 03 Feb 2021 14:06

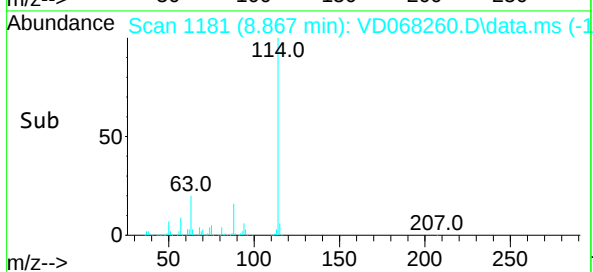
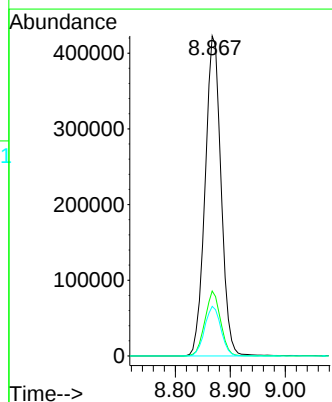
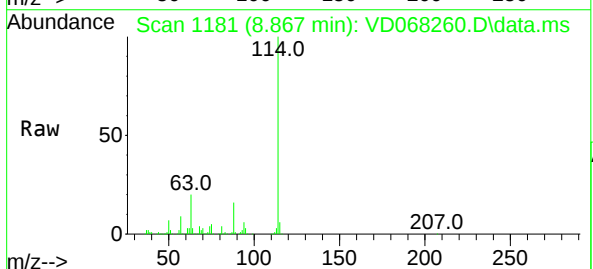
Instrument :
 MSVOA_D
 ClientSampled :

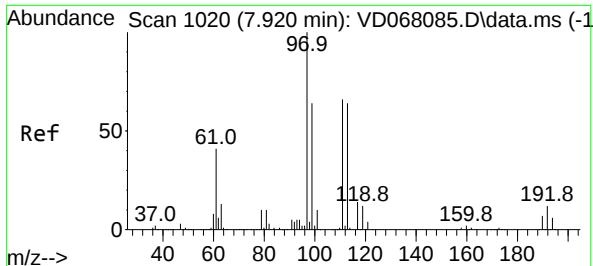
Tgt Ion: 65 Resp: 256349
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068260.D
 Acq: 03 Feb 2021 14:06

Tgt Ion: 114 Resp: 852222
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 34.8
 88 15.5 0.0 31.6

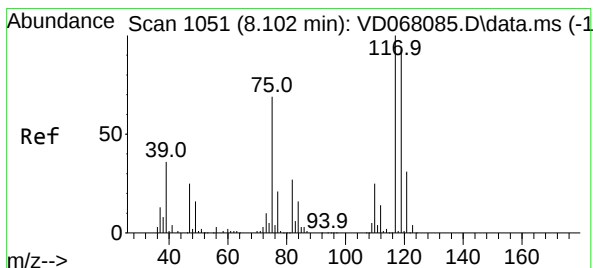
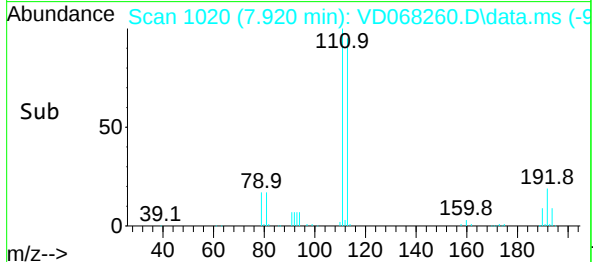
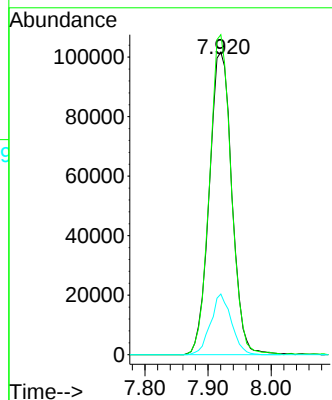
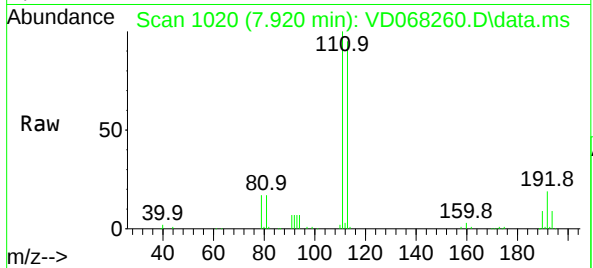




#35
Dibromofluoromethane
Concen: 53.66 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

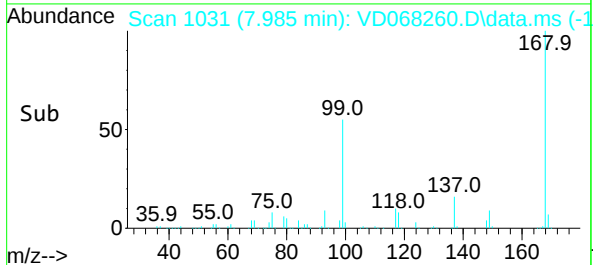
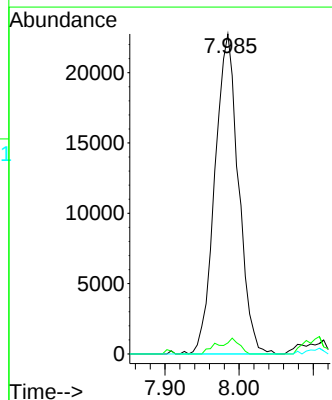
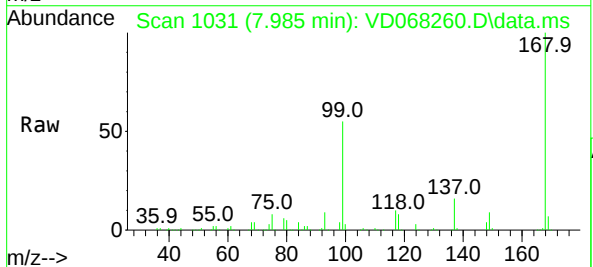
Instrument :
MSVOA_D
ClientSampled :

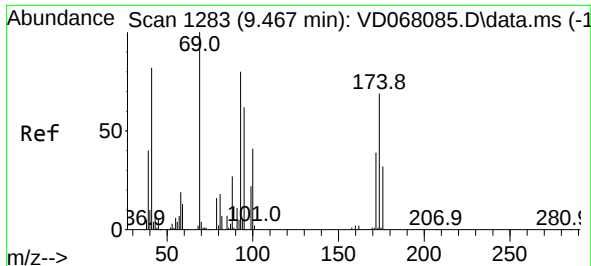
Tgt Ion:113 Resp: 252808
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 18.4 16.1 24.1



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

Tgt Ion:117 Resp: 50358
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.7 37.1#

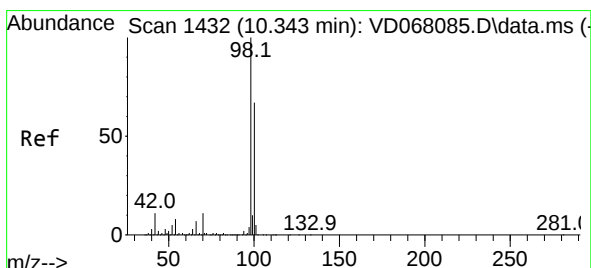
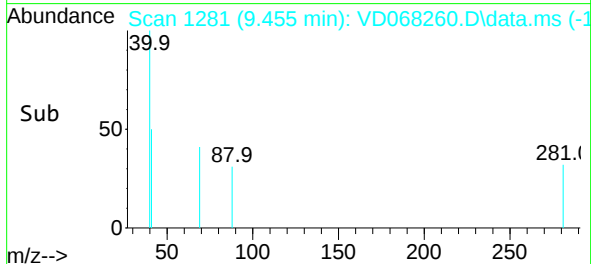
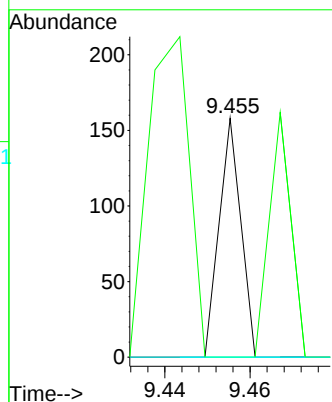
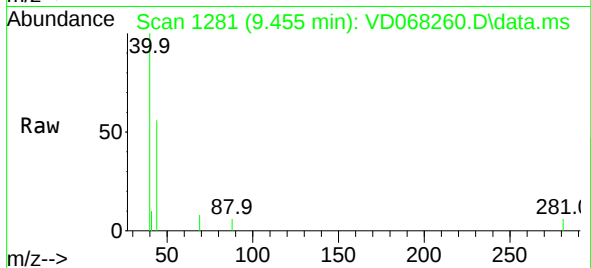




#49
1,4-Dioxane
Concen: 1.60 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

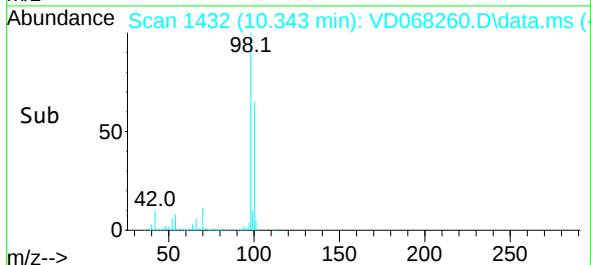
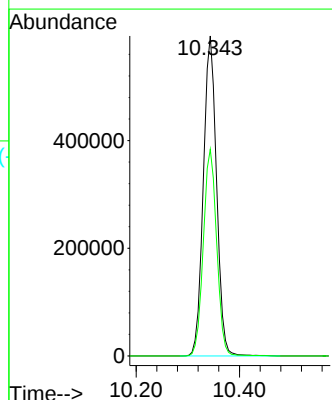
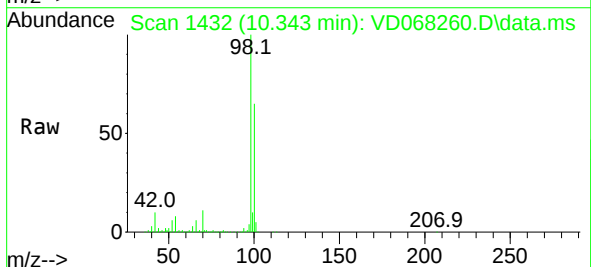
Instrument :
MSVOA_D
ClientSampleId :

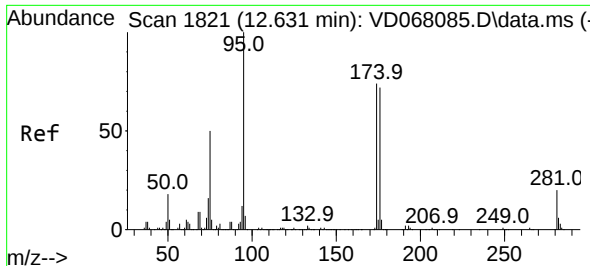
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 101.8 22.1 33.1#
58 0.0 46.7 70.1#



#50
Toluene-d8
Concen: 55.92 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

Tgt Ion: 98 Resp: 1053928
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

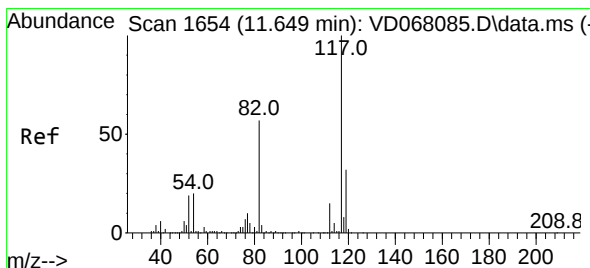
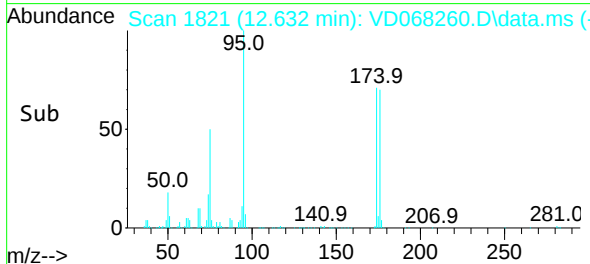
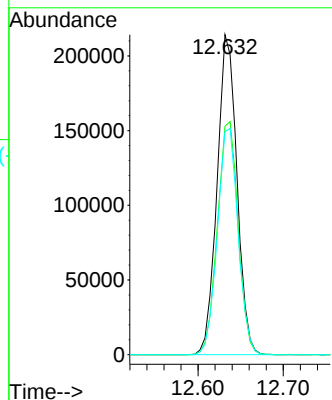
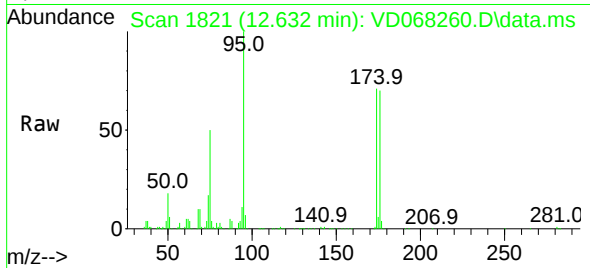




#62
4-Bromofluorobenzene
Concen: 51.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

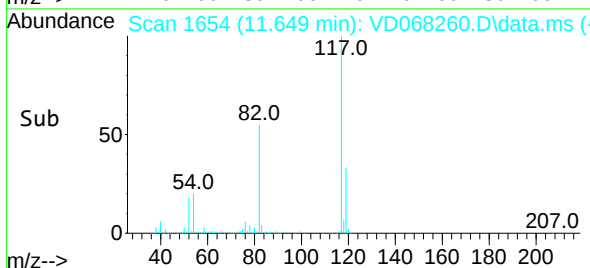
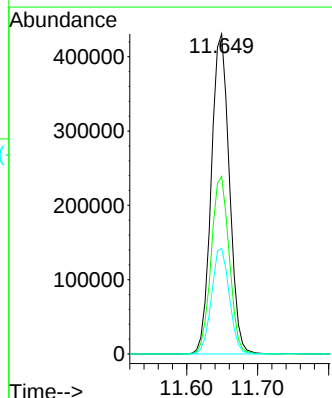
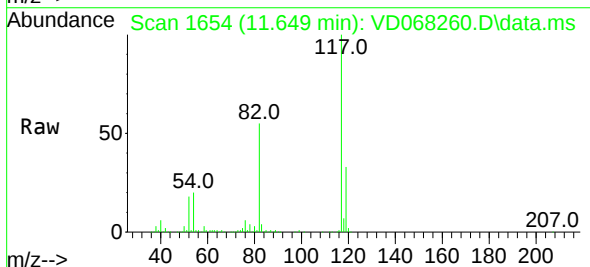
Instrument :
MSVOA_D
ClientSampled :

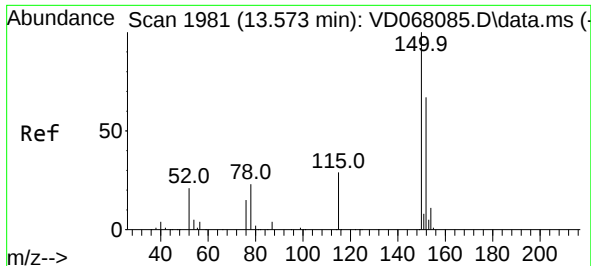
Tgt Ion: 95 Resp: 346494
Ion Ratio Lower Upper
95 100
174 76.3 0.0 172.4
176 73.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

Tgt Ion: 117 Resp: 759064
Ion Ratio Lower Upper
117 100
82 55.4 41.4 62.0
119 33.0 26.1 39.1

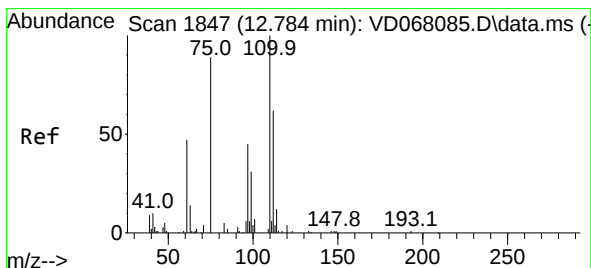
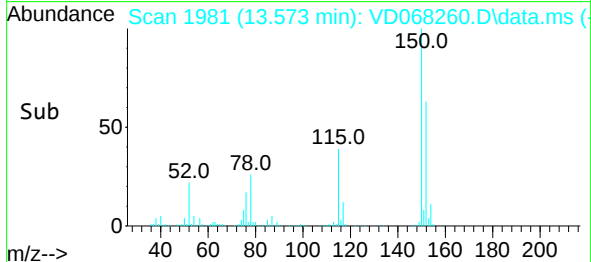
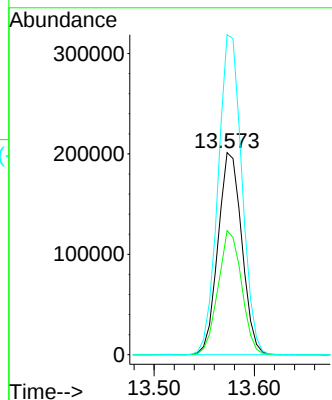
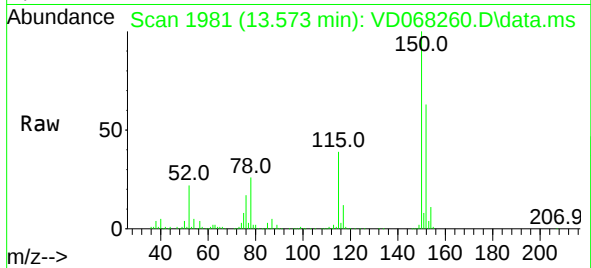




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

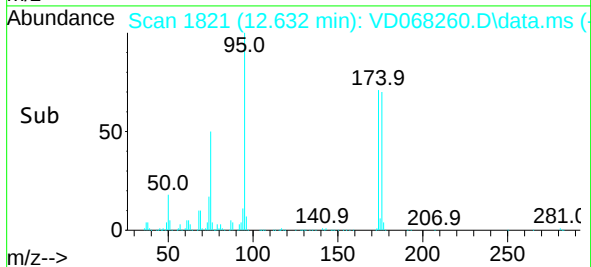
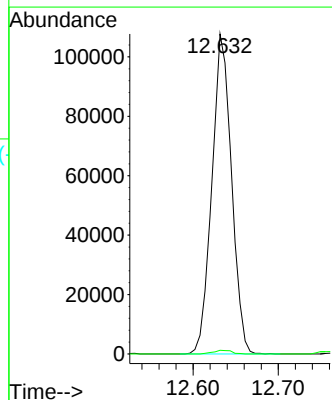
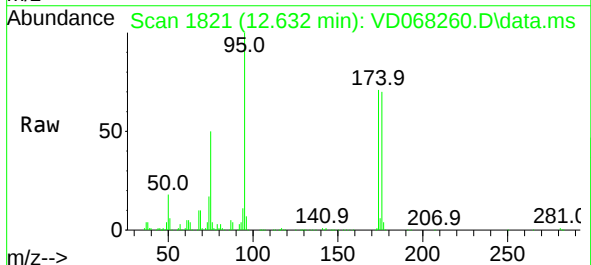
Instrument :
MSVOA_D
ClientSampled :

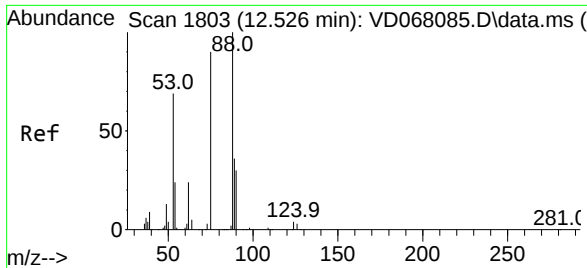
Tgt Ion:152 Resp: 331614
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.8
150 158.9 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068260.D
Acq: 03 Feb 2021 14:06

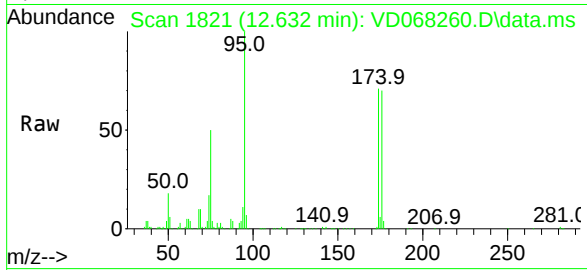
Tgt Ion: 75 Resp: 172398
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.80 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068260.D
 Acq: 03 Feb 2021 14:06

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 172398
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

