

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068122.D
 Acq On : 20 Jan 2021 19:22
 Operator : VA/SY
 Sample : M1179-03
 Misc : 6.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-TP2

Quant Time: Jan 20 23:48:12 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)

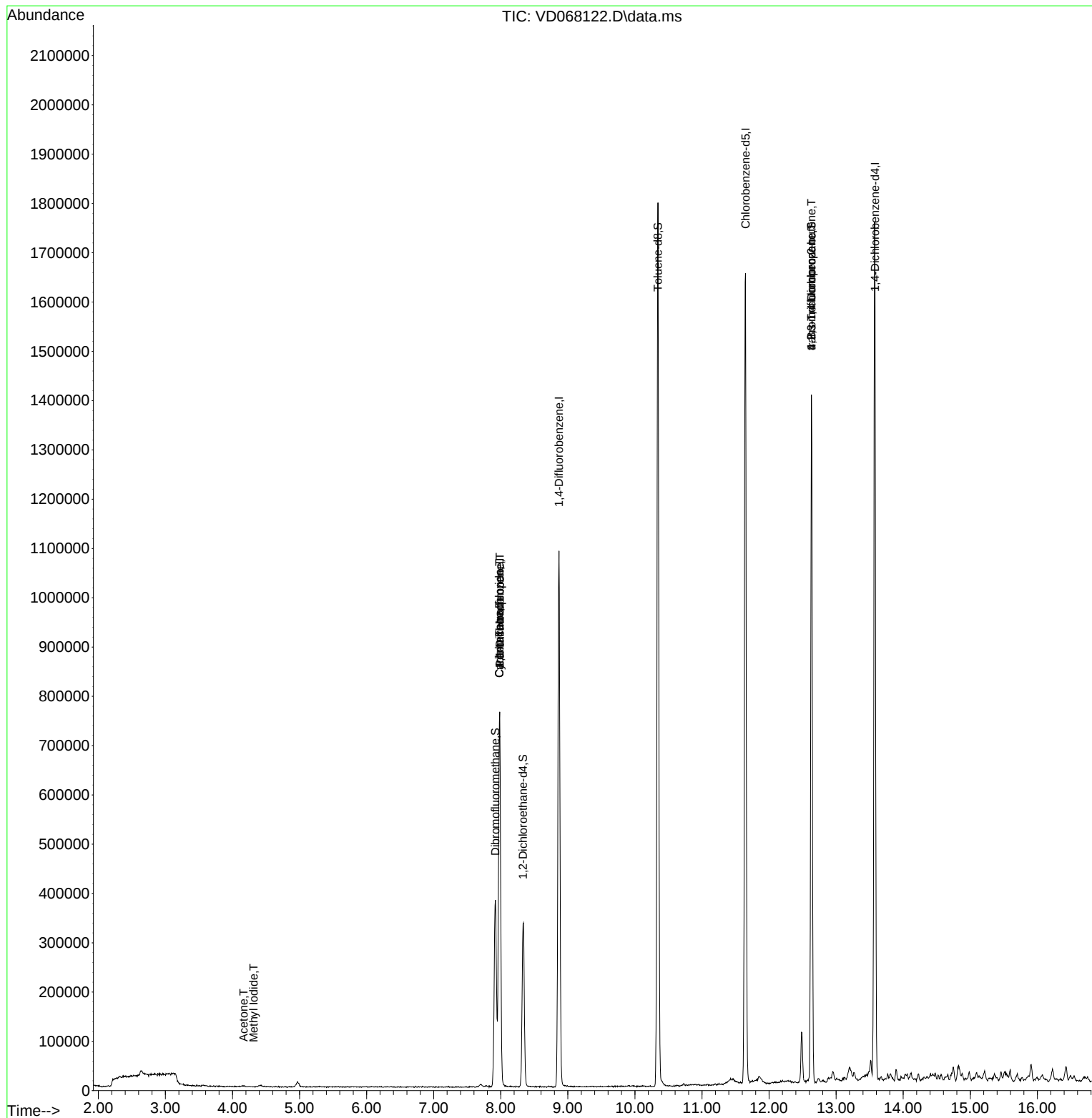
Internal Standards						
1) Pentafluorobenzene	7.985	168	583927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	990900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	989196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	481431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	278363	49.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.66%
35) Dibromofluoromethane	7.920	113	281973	51.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.94%
50) Toluene-d8	10.344	98	1247666	56.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.88%
62) 4-Bromofluorobenzene	12.632	95	490787	62.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.38%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	55	3.17	ug/l #	38
11) Tert butyl alcohol	5.226	59	128	Below Cal	#	1
16) Acetone	4.167	43	3772	3.78	ug/l #	77
20) Methylene Chloride	4.967	84	7947	Below Cal	#	84
31) Cyclohexane	7.979	56	12544	1.04	ug/l #	3
36) 1,1-Dichloropropene	7.985	75	47152	4.72	ug/l #	47
38) Carbon Tetrachloride	7.979	117	58020	6.20	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	245010	52.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	245010	106.51	ug/l #	14

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

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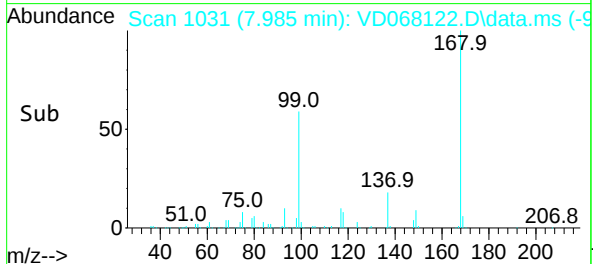
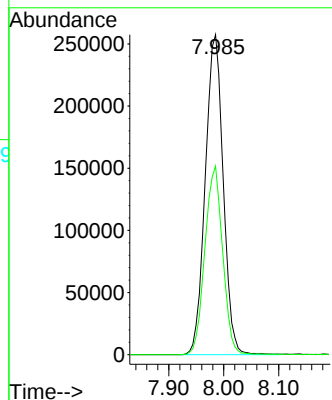
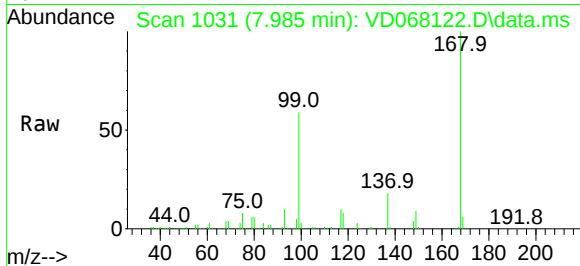




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

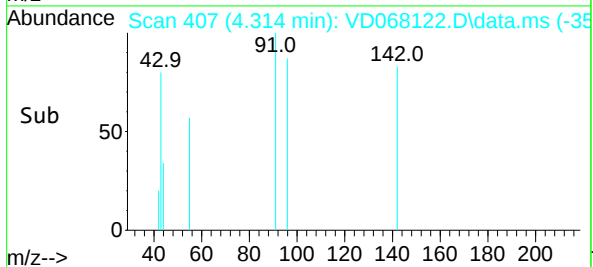
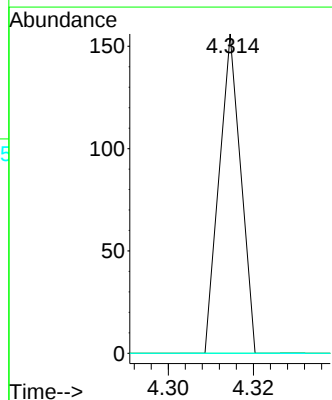
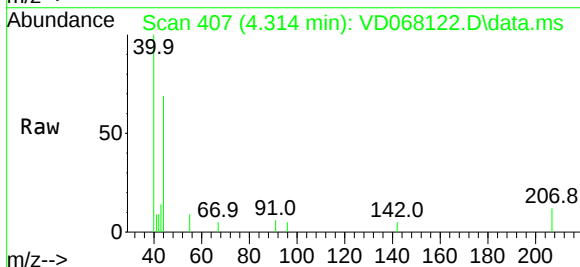
Instrument :
MSVOA_D
ClientSampleId :
HS-TP2

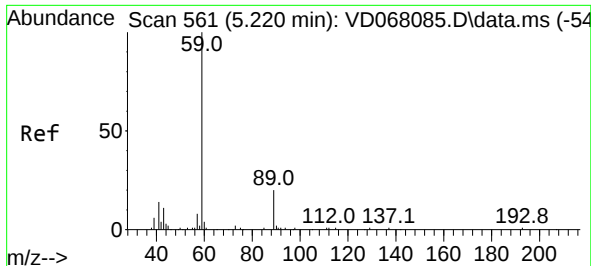
Tgt Ion:168 Resp: 583927
Ion Ratio Lower Upper
168 100
99 58.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

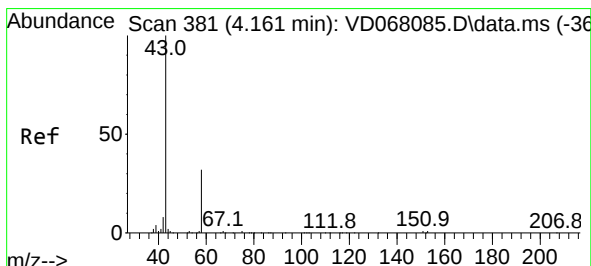
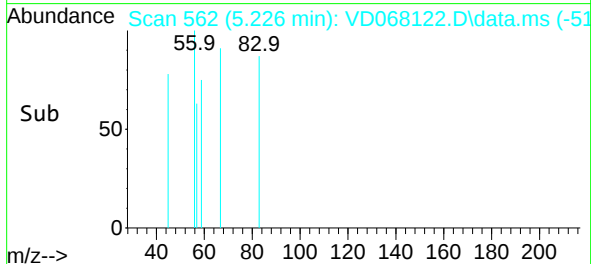
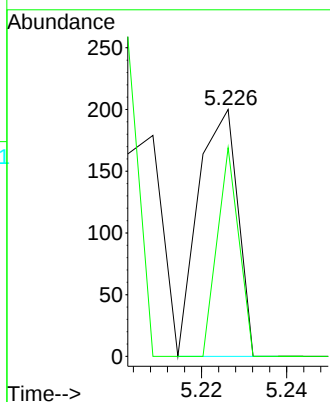
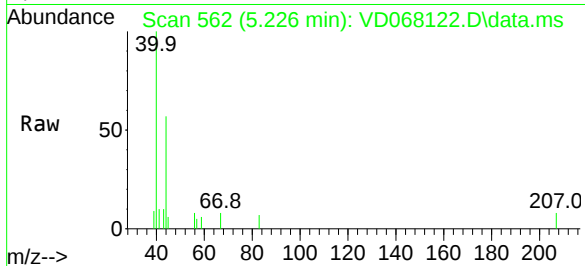




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

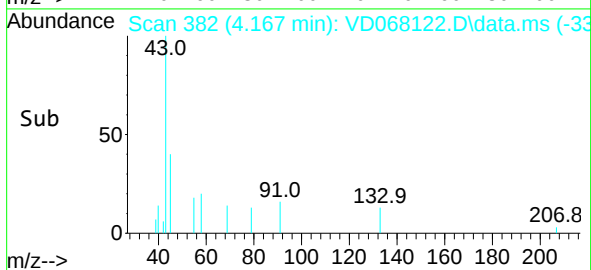
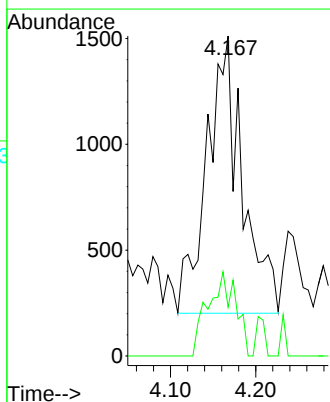
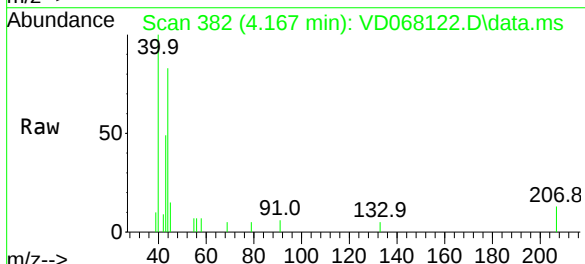
Instrument :
MSVOA_D
ClientSampleId :
HS-TP2

Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 46.9 7.4 11.2#



#16
Acetone
Concen: 3.78 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

Tgt Ion: 43 Resp: 3772
Ion Ratio Lower Upper
43 100
58 17.6 24.2 36.4#

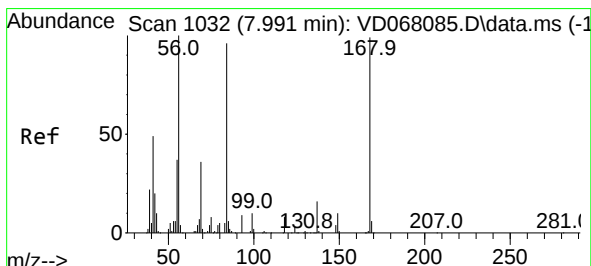
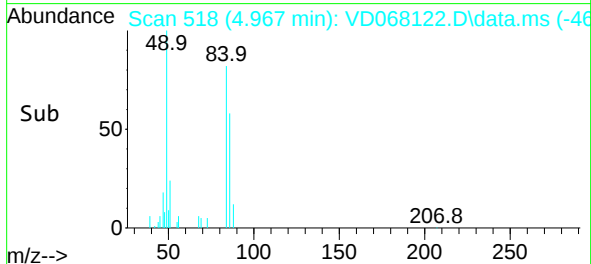
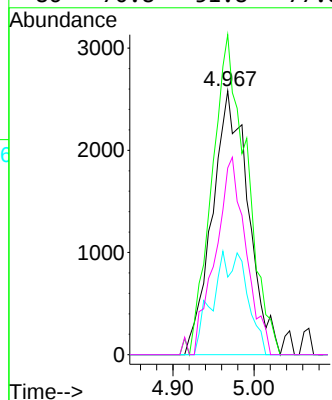
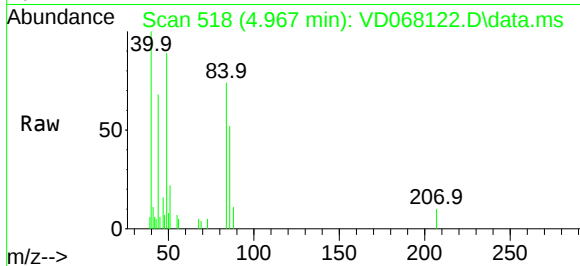




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

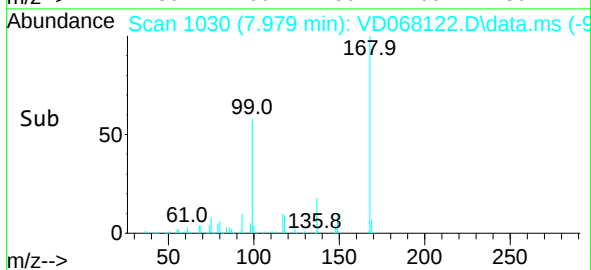
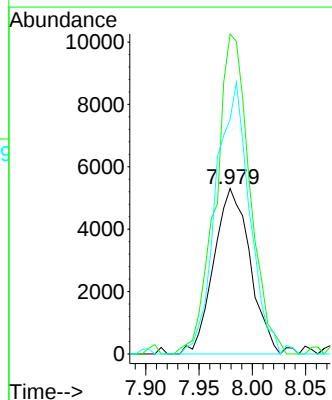
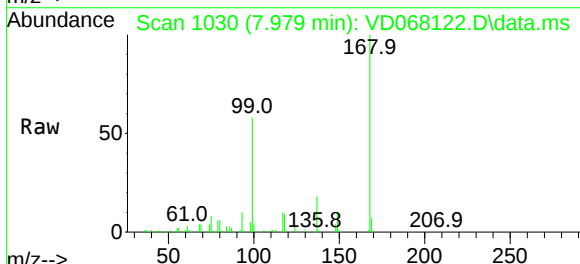
Instrument :
MSVOA_D
ClientSampleId :
HS-TP2

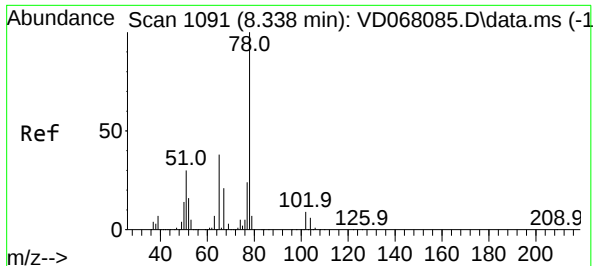
Tgt Ion:	84	Resp:	7947
Ion	Ratio	Lower	Upper
84	100		
49	121.3	77.4	116.2#
51	29.4	26.1	39.1
86	70.8	51.8	77.8



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

Tgt Ion:	56	Resp:	12544
Ion	Ratio	Lower	Upper
56	100		
69	190.3	30.1	45.1#
84	142.0	82.1	123.1#

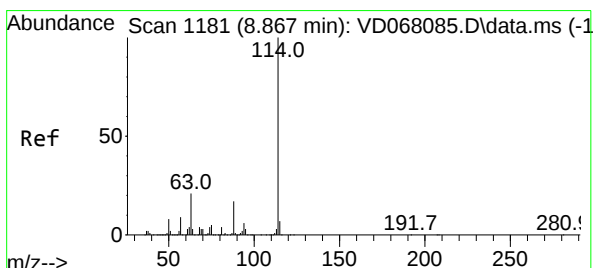
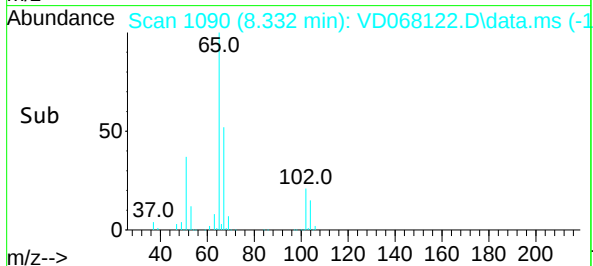
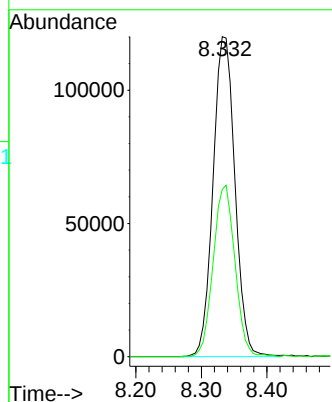
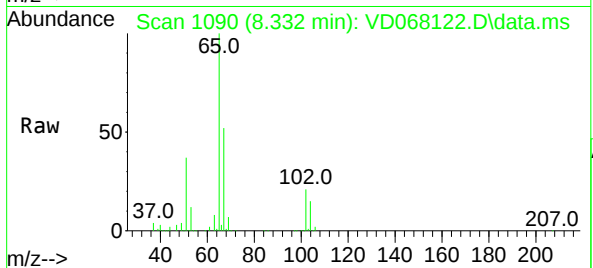




#33
1,2-Dichloroethane-d4
Concen: 49.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

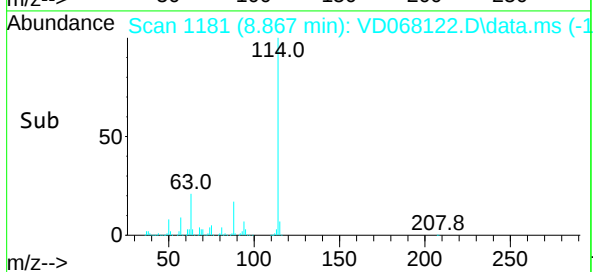
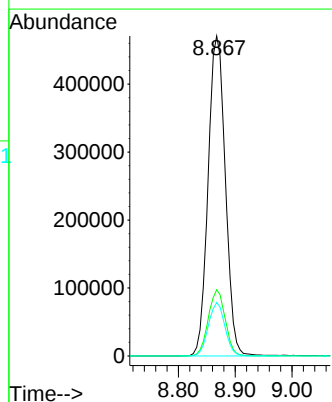
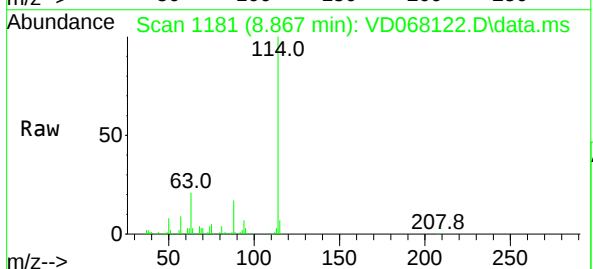
Instrument :
MSVOA_D
ClientSampled :
HS-TP2

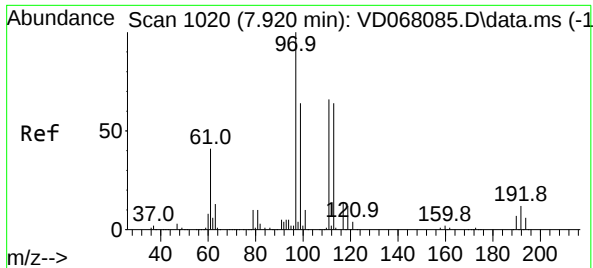
Tgt Ion: 65 Resp: 278363
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

Tgt Ion: 114 Resp: 990900
Ion Ratio Lower Upper
114 100
63 20.7 0.0 34.8
88 16.7 0.0 31.6

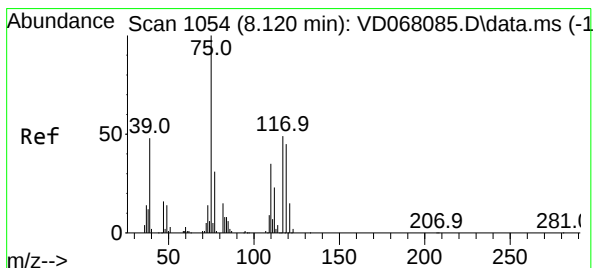
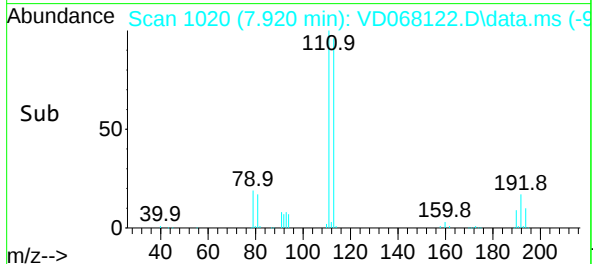
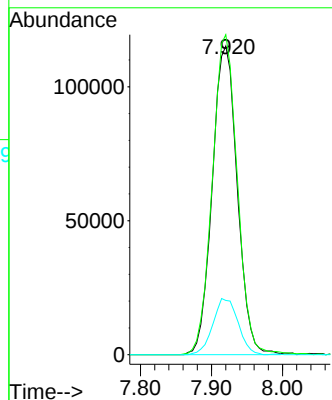
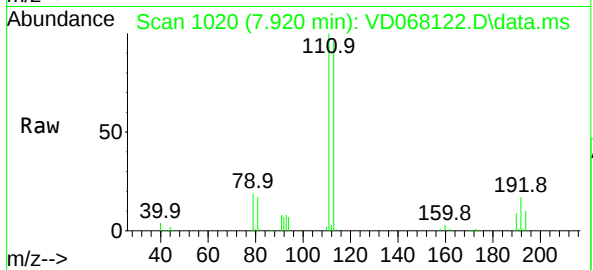




#35
Dibromofluoromethane
Concen: 51.47 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

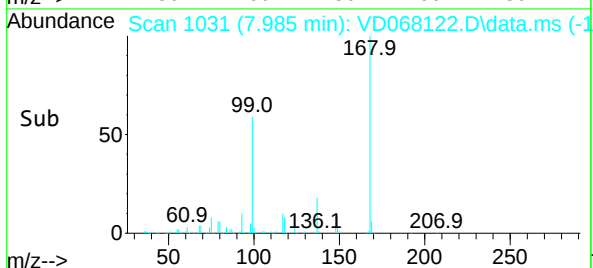
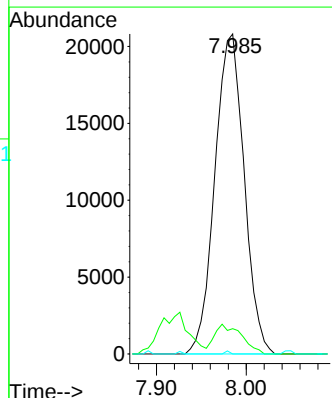
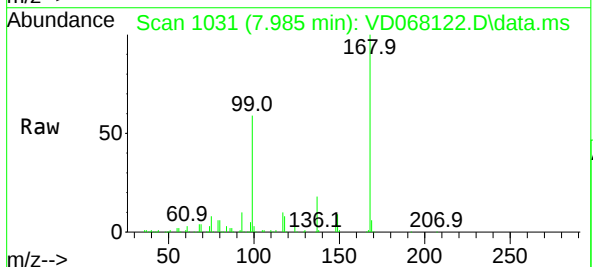
Instrument :
MSVOA_D
ClientSampleId :
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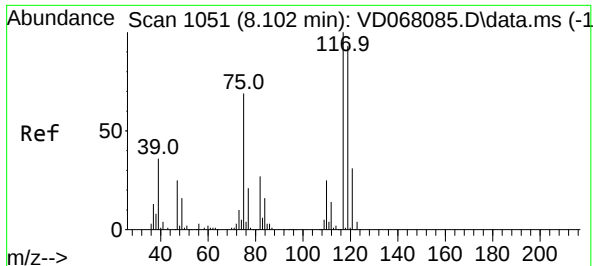
Tgt Ion:	113	Resp:	281973
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	18.3	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

Tgt Ion:	75	Resp:	47152
Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.4	58.2#
77	0.2	25.3	37.9#

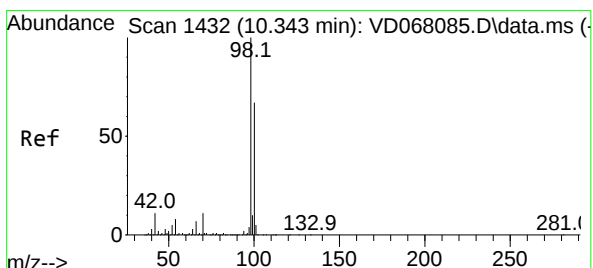
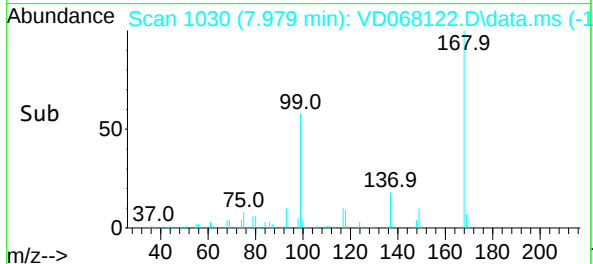
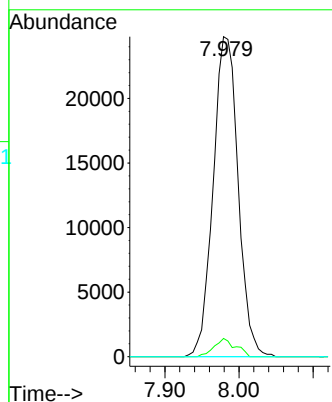
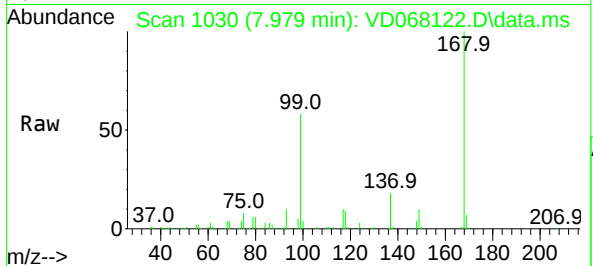




#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

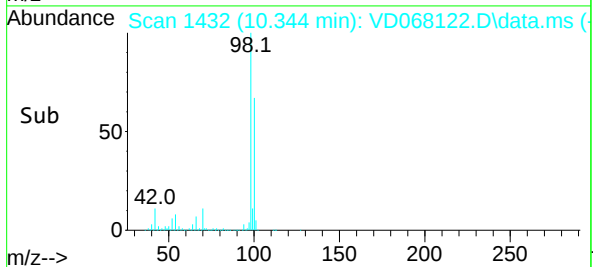
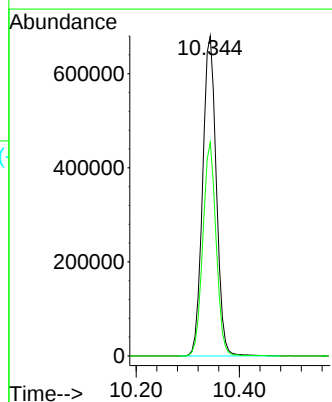
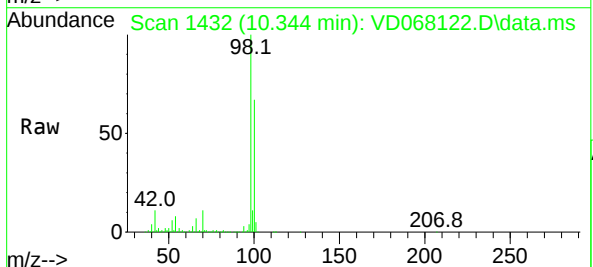
Instrument :
MSVOA_D
ClientSampled :
HS-TP2

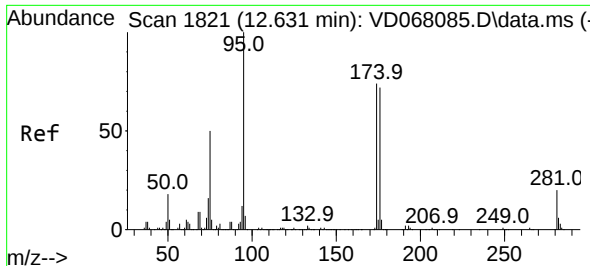
Tgt Ion:117 Resp: 58020
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.94 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

Tgt Ion: 98 Resp: 1247666
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4

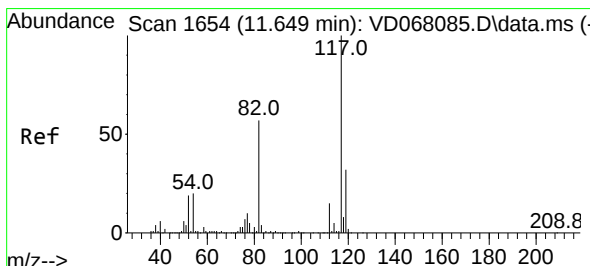
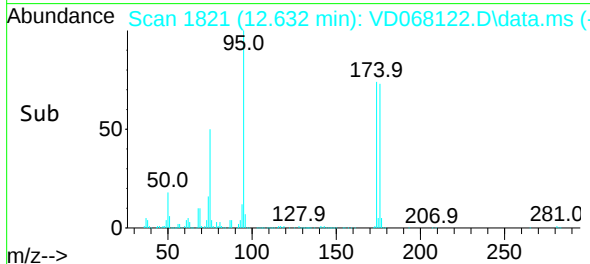
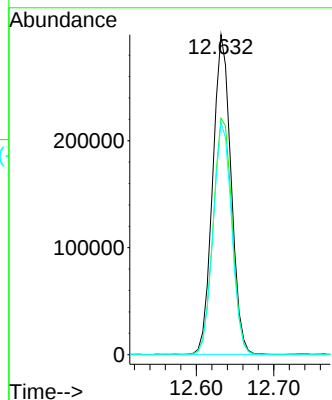
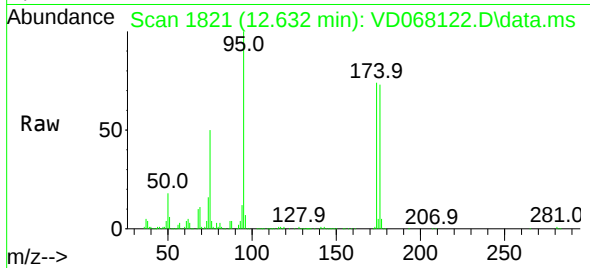




#62
4-Bromofluorobenzene
Concen: 62.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

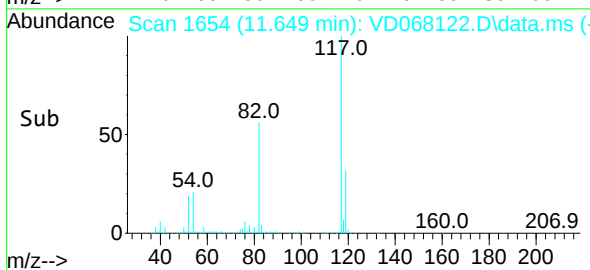
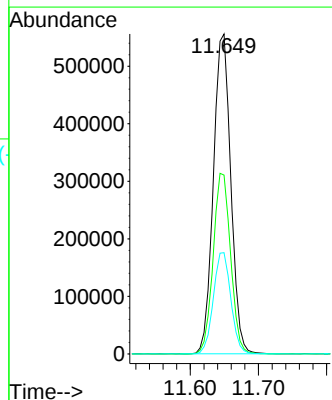
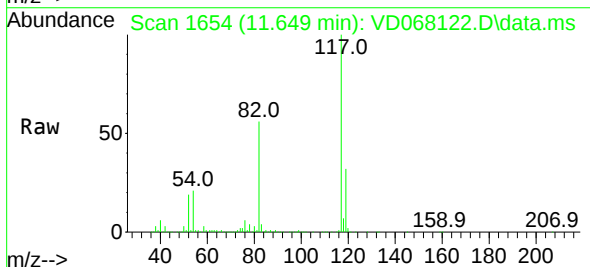
Instrument :
MSVOA_D
ClientSampleId :
HS-TP2

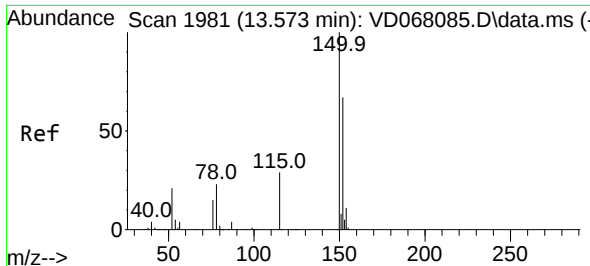
Tgt Ion: 95 Resp: 490787
Ion Ratio Lower Upper
95 100
174 76.6 0.0 172.4
176 73.6 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

Tgt Ion: 117 Resp: 989196
Ion Ratio Lower Upper
117 100
82 55.9 41.4 62.0
119 31.7 26.1 39.1

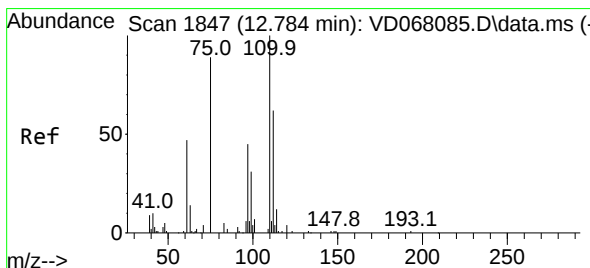
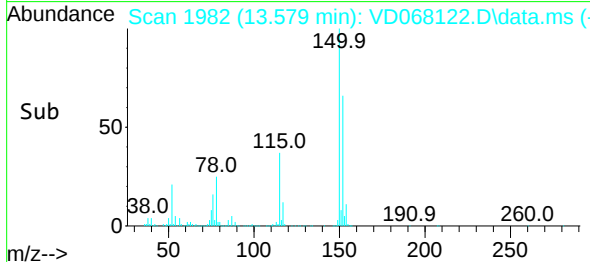
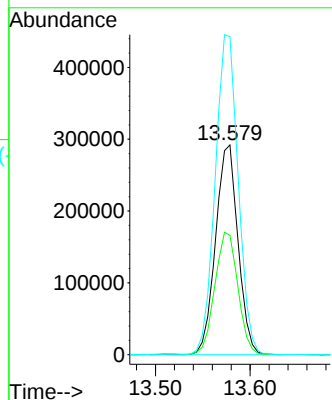
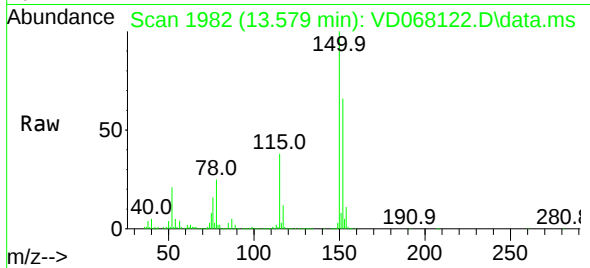




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

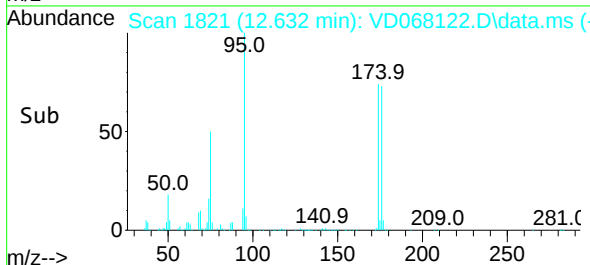
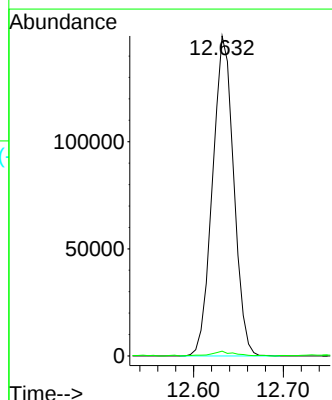
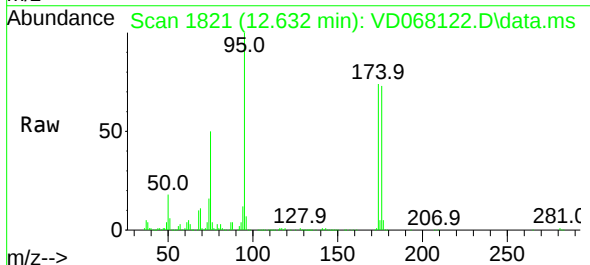
Instrument :
MSVOA_D
ClientSampled :
HS-TP2

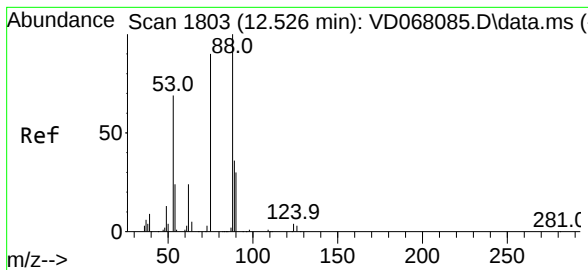
Tgt Ion:152 Resp: 481431
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 156.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 52.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068122.D
Acq: 20 Jan 2021 19:22

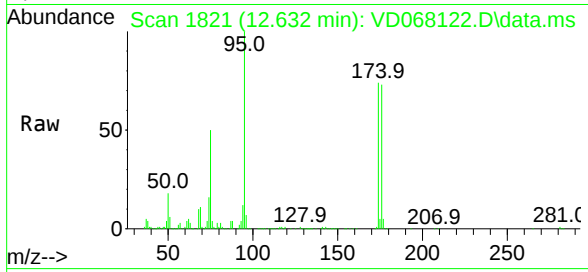
Tgt Ion: 75 Resp: 245010
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.51 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068122.D
 Acq: 20 Jan 2021 19:22

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-TP2



Tgt Ion: 75 Resp: 245010
 Ion Ratio Lower Upper
 75 100
 53 0.3 70.2 105.2#
 89 0.0 40.3 60.5#

