

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021493.D
 Acq On : 20 Dec 2021 13:13
 Operator : SY/VA
 Sample : M5171-16
 Misc : 6.79g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 16:36:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

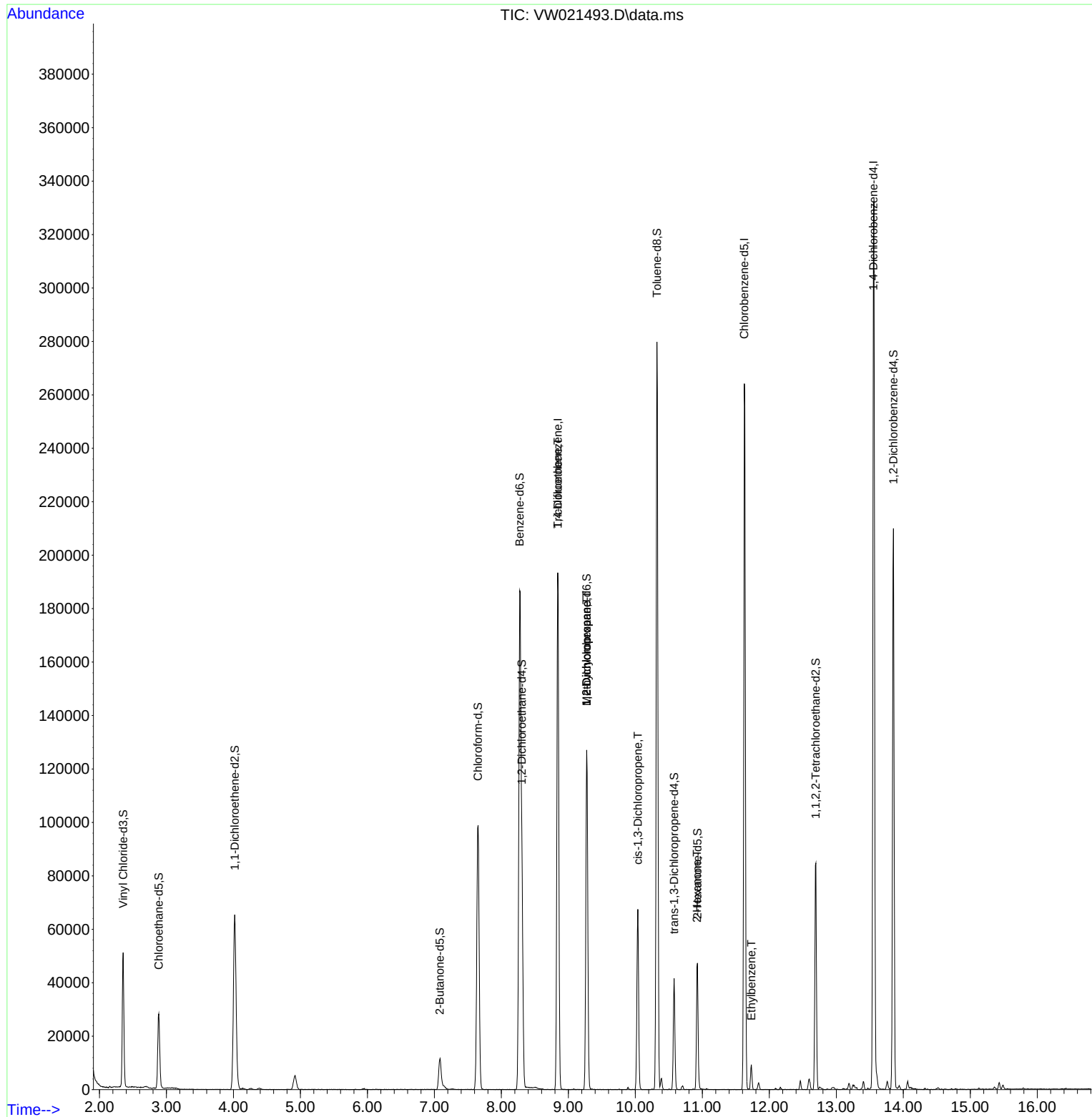
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	168098	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	144798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	71247	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	48578	15.867	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.480%		
7) Chloroethane-d5	2.885	69	32817	16.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.840%		
11) 1,1-Dichloroethene-d2	4.019	63	61903	15.167	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.680%		
21) 2-Butanone-d5	7.080	46	20031	46.416	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.840%		
24) Chloroform-d	7.653	84	102212	21.819	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.280%		
26) 1,2-Dichloroethane-d4	8.305	65	56660	22.738	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.960%		
32) Benzene-d6	8.275	84	191891	24.177	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.720%		
36) 1,2-Dichloropropane-d6	9.274	67	53929	25.336	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.360%		
41) Toluene-d8	10.323	98	187863	23.166	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.680%		
43) trans-1,3-Dichloroprop...	10.579	79	21663	22.103	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.400%		
47) 2-Hexanone-d5	10.927	63	16324	51.862	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.720%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	38720	21.161	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.640%		
66) 1,2-Dichlorobenzene-d4	13.853	152	57023	20.651	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.600%		
Target Compounds						
					Qvalue	
34) Trichloroethene	8.842	95	5143	2.323	ug/L #	5
35) Methylcyclohexane	9.274	83	14773	4.045	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	6903	3.923	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1847	0.666	ug/L #	56
48) 2-Hexanone	10.920	43	1980	2.848	ug/L #	71
52) Ethylbenzene	11.731	91	6433	0.610	ug/L	94

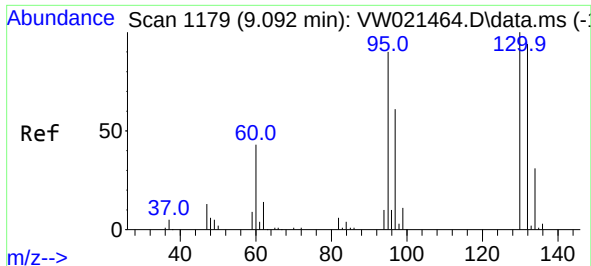
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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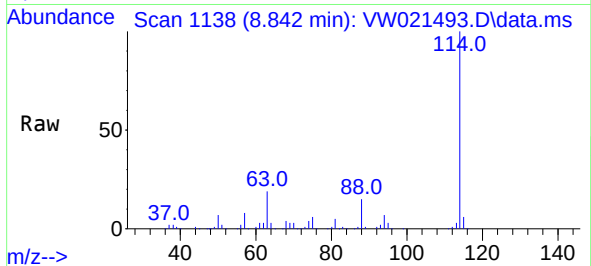
Quant Time: Dec 20 16:36:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration





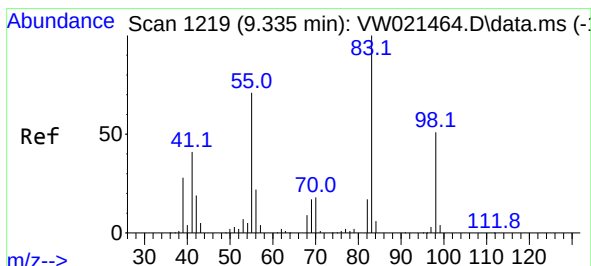
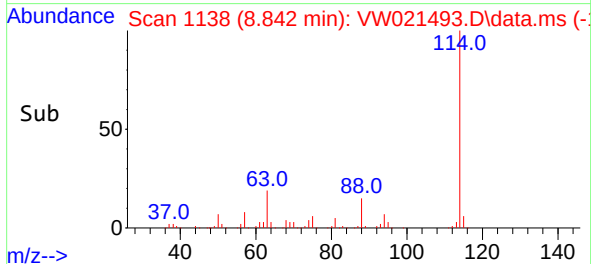
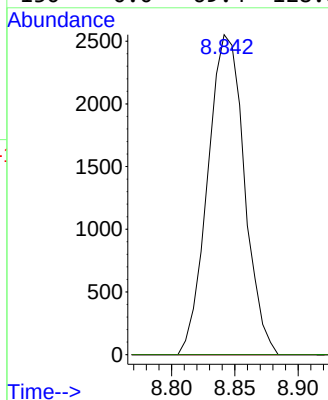
#34
Trichloroethene
Concen: 2.323 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021493.D
Acq: 20 Dec 2021 13:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 5143

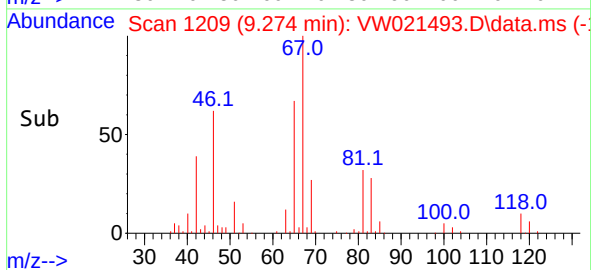
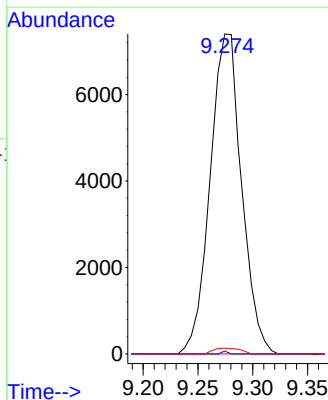
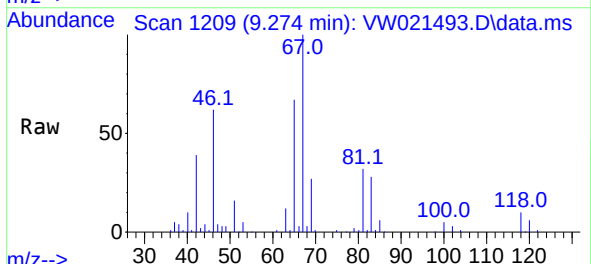
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#

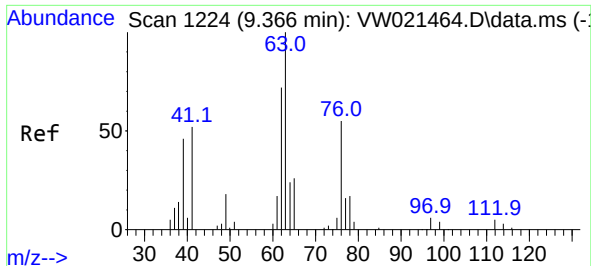


#35
Methylcyclohexane
Concen: 4.045 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021493.D
Acq: 20 Dec 2021 13:13

Tgt Ion: 83 Resp: 14773

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.6	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.923 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021493.D

Acq: 20 Dec 2021 13:13

Instrument :

MSVOA_W

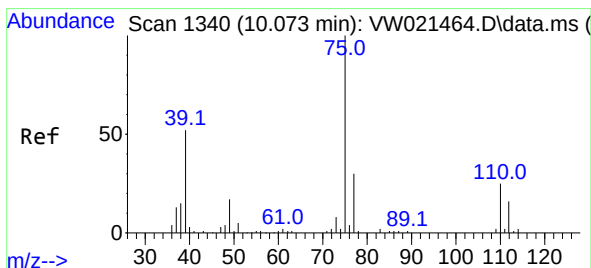
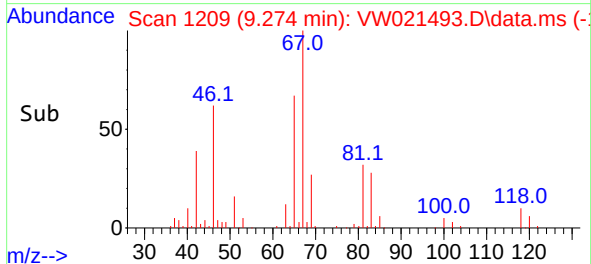
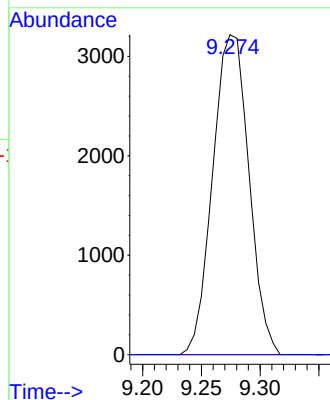
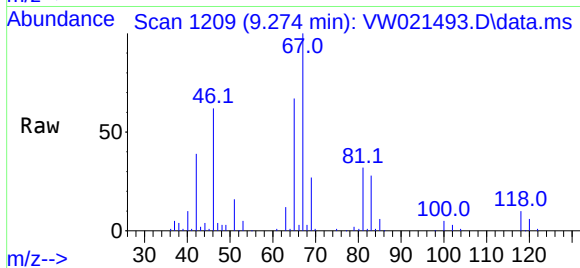
ClientSampleId :

Tgt Ion: 63 Resp: 6903

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.666 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021493.D

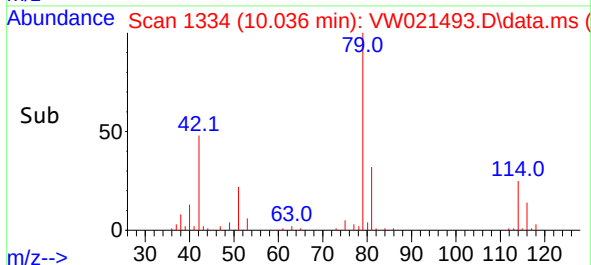
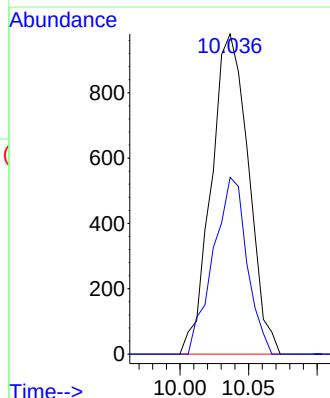
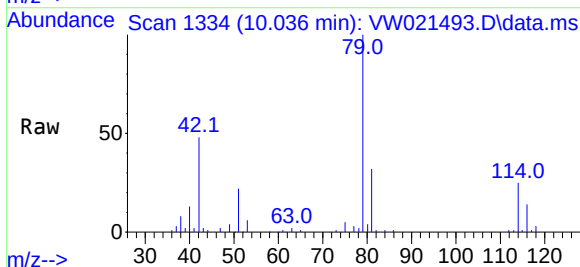
Acq: 20 Dec 2021 13:13

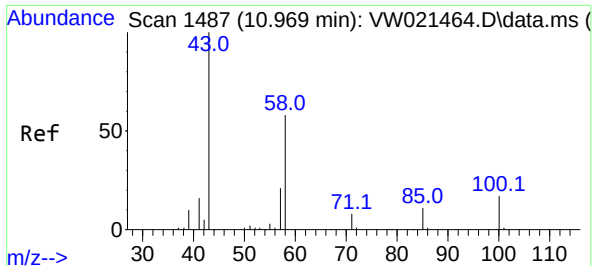
Tgt Ion: 75 Resp: 1847

Ion Ratio Lower Upper

75 100

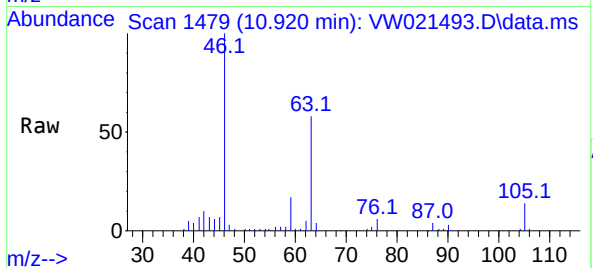
77 55.2 21.8 40.6#



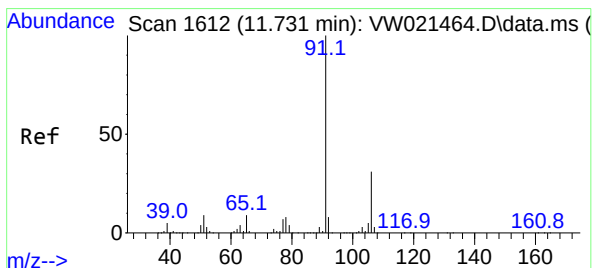
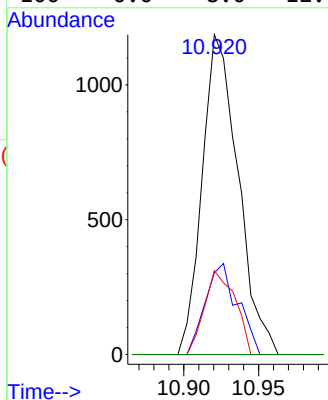
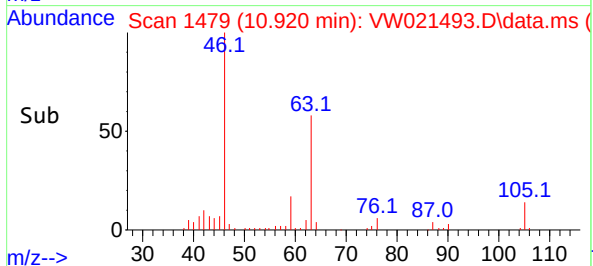


#48
2-Hexanone
Concen: 2.848 ug/L
RT: 10.920 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021493.D
Acq: 20 Dec 2021 13:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
58 25.7 40.2 60.2#
57 22.4 14.3 21.5#
100 0.0 8.0 12.0#



#52
Ethylbenzene
Concen: 0.610 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021493.D
Acq: 20 Dec 2021 13:13

Tgt Ion: 91 Resp: 6433
Ion Ratio Lower Upper
91 100
106 33.7 21.5 39.9

