

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028892.D
 Acq On : 11 Nov 2022 22:03
 Operator : SY/MD
 Sample : N5592-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB9

Quant Time: Nov 12 02:58:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

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

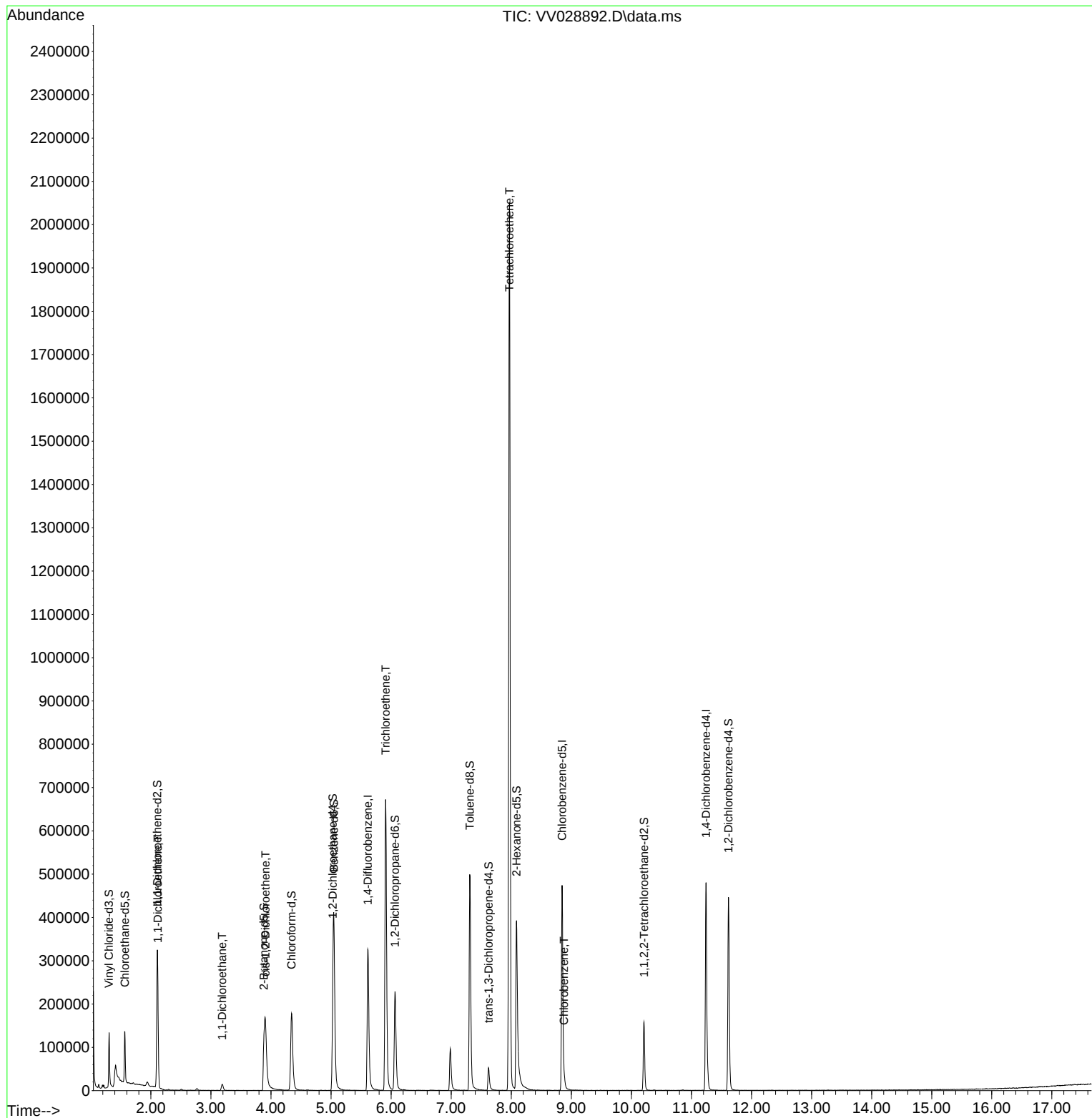
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	306201	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	282512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	133995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87459	4.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.568	69	77885	4.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.108	63	138778	4.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.883	46	188217	60.232	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.460%
24) Chloroform-d	4.343	84	189771	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.031	65	88126	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	401486	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.066	67	117540	4.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.310	98	357935	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.622	79	35872	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.088	63	165239	50.407	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.820%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	81347	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	127507	5.319	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	41230	2.224	ug/L	# 69
19) 1,1-Dichloroethane	3.188	63	15662	0.446	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	65503	2.997	ug/L	98
34) Trichloroethene	5.908	95	243193	11.003	ug/L	99
47) Tetrachloroethene	7.969	164	475288	26.857	ug/L	99
51) Chlorobenzene	8.879	112	13120	0.228	ug/L	97

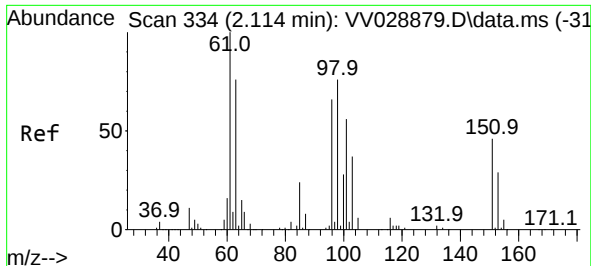
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 11 22:27:09 2022
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#12

1,1-Dichloroethene

Concen: 2.224 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028892.D

Acq: 11 Nov 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

H0AB9

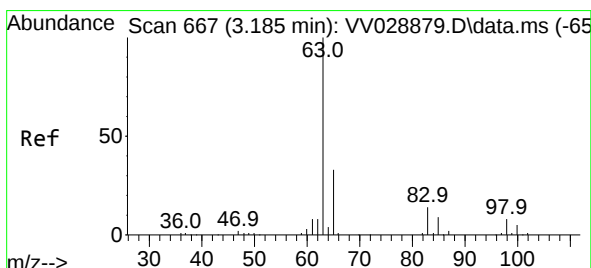
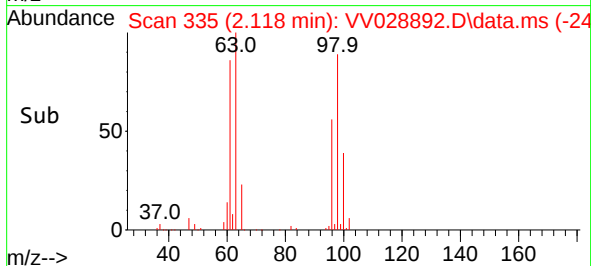
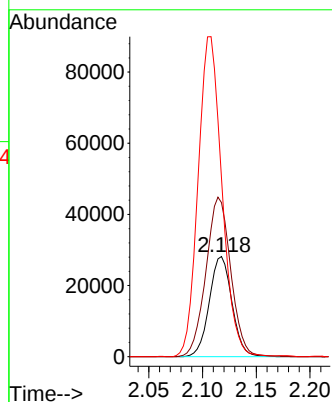
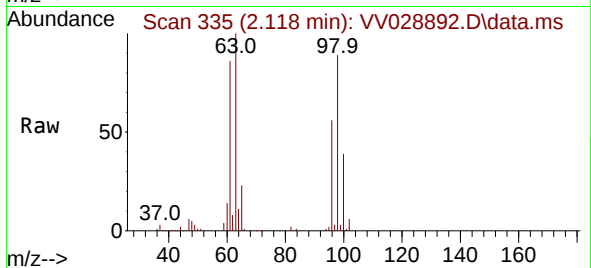
Tgt Ion: 96 Resp: 41230

Ion Ratio Lower Upper

96 100

61 153.9 104.2 193.4

63 178.5 75.9 140.9#



#19

1,1-Dichloroethane

Concen: 0.446 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV028892.D

Acq: 11 Nov 2022 22:03

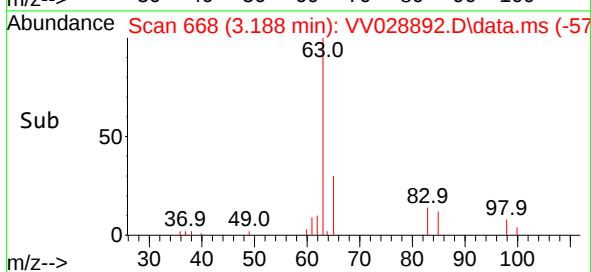
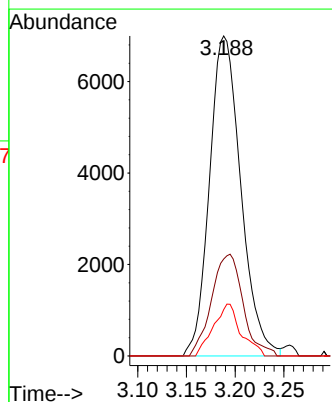
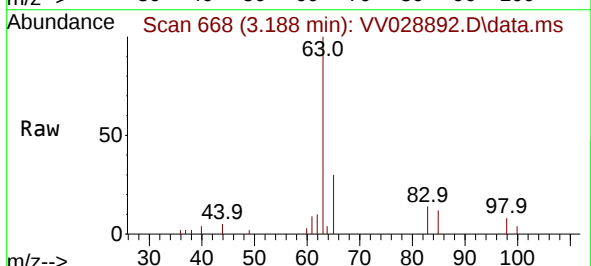
Tgt Ion: 63 Resp: 15662

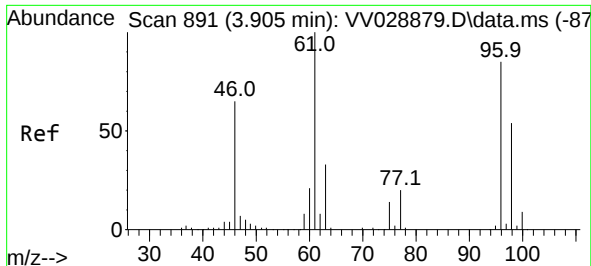
Ion Ratio Lower Upper

63 100

65 29.2 23.0 42.6

83 13.9 9.4 17.6

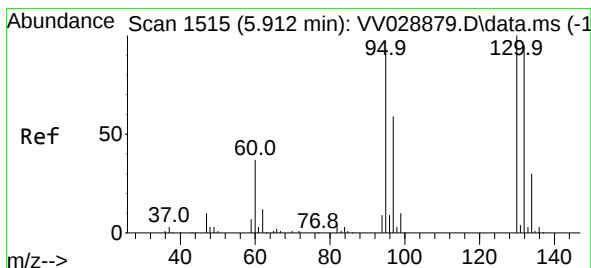
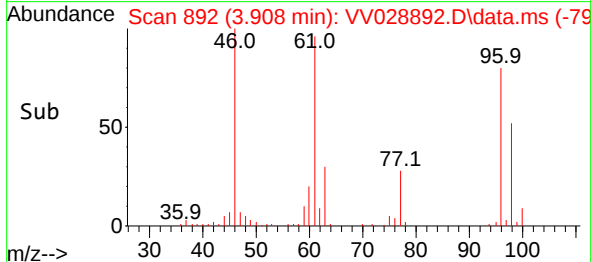
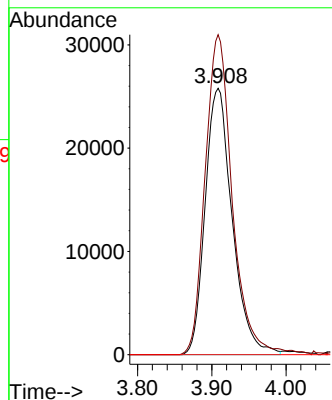
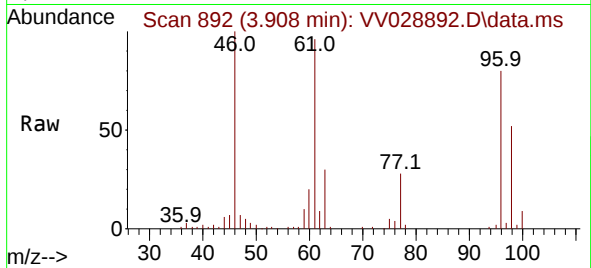




#22
 cis-1,2-Dichloroethene
 Concen: 2.997 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028892.D
 Acq: 11 Nov 2022 22:03

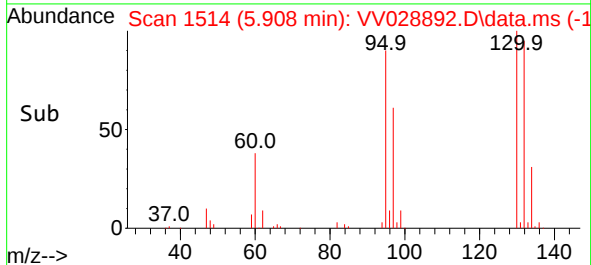
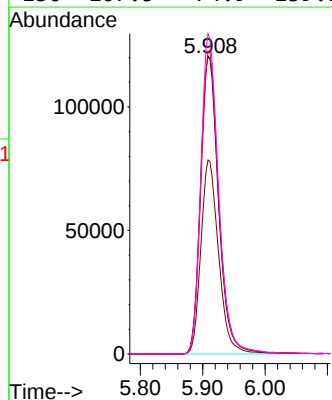
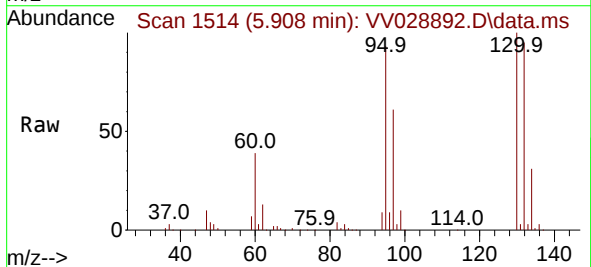
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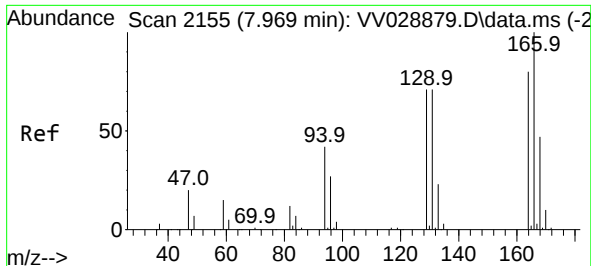
Tgt Ion: 96 Resp: 65503
 Ion Ratio Lower Upper
 96 100
 61 120.1 82.3 152.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 11.003 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. -0.003 min
 Lab File: VV028892.D
 Acq: 11 Nov 2022 22:03

Tgt Ion: 95 Resp: 243193
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.6 84.8
 132 101.8 69.1 128.3
 130 107.5 74.9 139.1





#47

Tetrachloroethene

Concen: 26.857 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV028892.D

Acq: 11 Nov 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

H0AB9

Tgt Ion:164 Resp: 475288

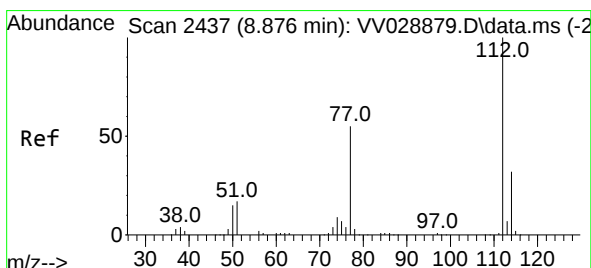
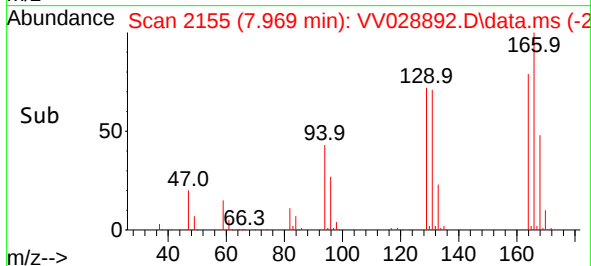
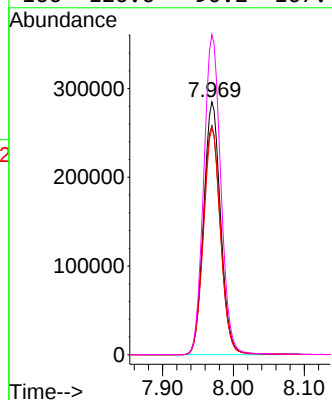
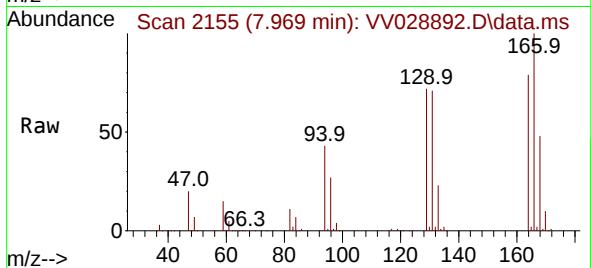
Ion Ratio Lower Upper

164 100

129 90.6 63.9 118.7

131 89.8 61.8 114.8

166 126.6 90.2 167.4



#51

Chlorobenzene

Concen: 0.228 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV028892.D

Acq: 11 Nov 2022 22:03

Tgt Ion:112 Resp: 13120

Ion Ratio Lower Upper

112 100

114 28.9 22.4 41.6

77 56.4 44.4 66.6

