

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028986.D
 Acq On : 15 Nov 2022 14:06
 Operator : SY/MD
 Sample : N5621-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB9

Quant Time: Nov 16 03:18:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

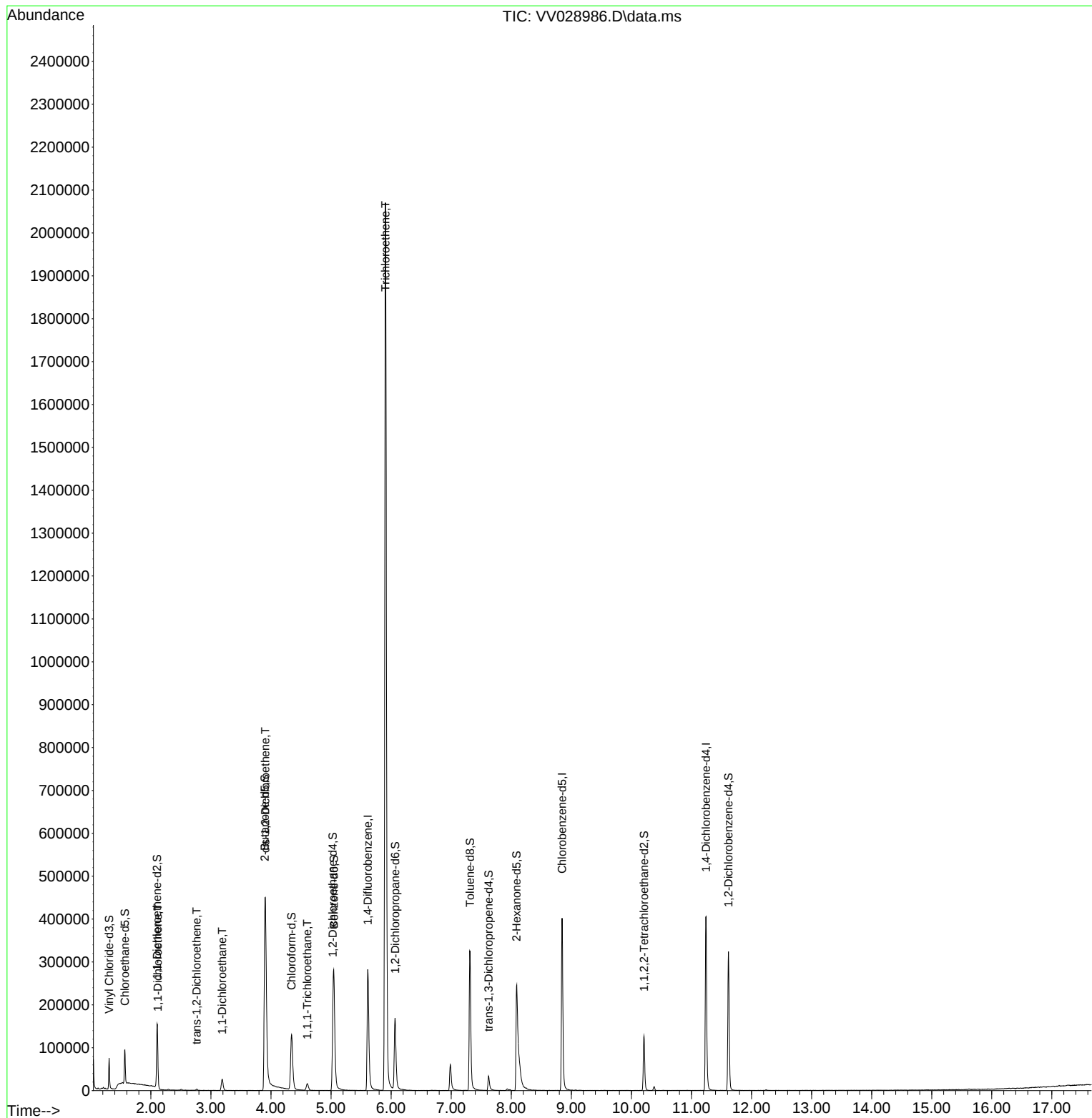
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	272255	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	248381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	120437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48793	2.940	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.800%	
7) Chloroethane-d5	1.568	69	51381	3.521	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.400%	
11) 1,1-Dichloroethene-d2	2.105	63	72496	2.397	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.000%#	
20) 2-Butanone-d5	3.899	46	107239	38.597	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.200%	
24) Chloroform-d	4.342	84	141005	4.138	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
26) 1,2-Dichloroethane-d4	5.031	65	66331	4.326	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
32) Benzene-d6	5.047	84	278764	3.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.200%	
36) 1,2-Dichloropropane-d6	6.066	67	87878	4.245	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.800%	
41) Toluene-d8	7.313	98	241240	3.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.200%	
43) trans-1,3-Dichloroprop...	7.622	79	23408	3.467	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.400%	
46) 2-Hexanone-d5	8.088	63	130120	45.148	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.300%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	65747	4.581	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	90443	4.197	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	3854	0.234	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	1157	0.061	ug/L	85
19) 1,1-Dichloroethane	3.188	63	27456	0.879	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	261008	13.431	ug/L	93
29) 1,1,1-Trichloroethane	4.606	97	12945	0.444	ug/L	98
34) Trichloroethene	5.905	95	746827	38.434	ug/L	98

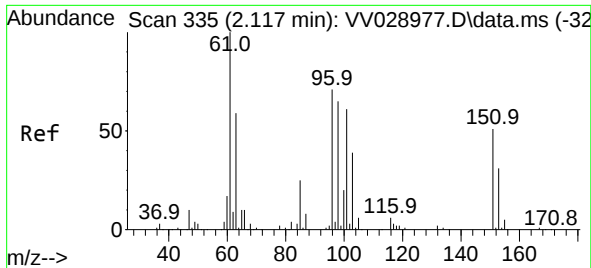
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 16 03:16:14 2022
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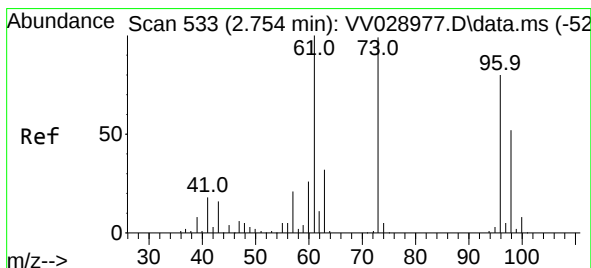
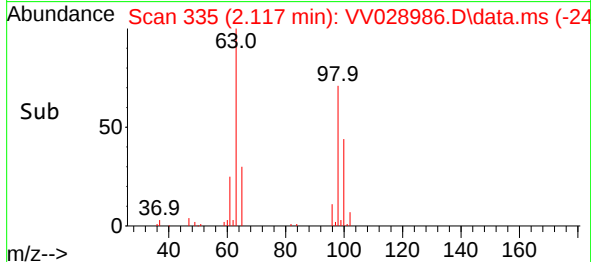
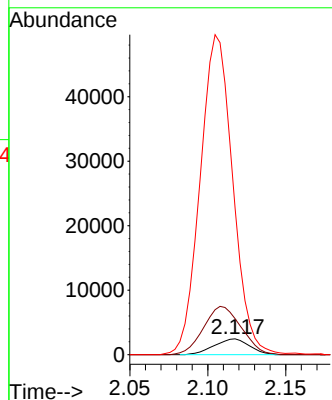
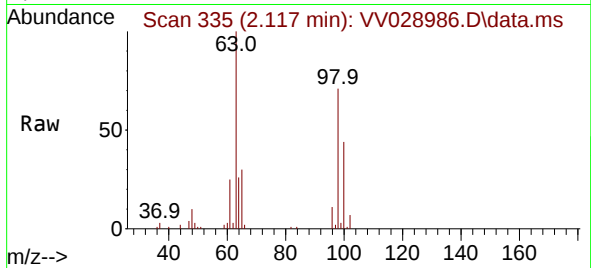




#12
 1,1-Dichloroethene
 Concen: 0.234 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV028986.D
 Acq: 15 Nov 2022 14:06

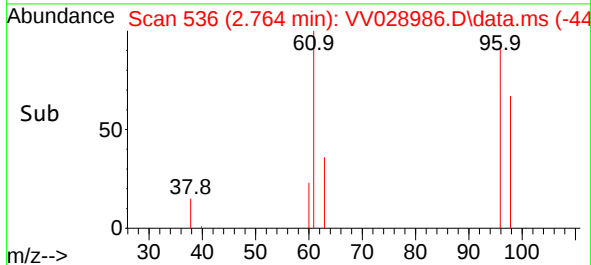
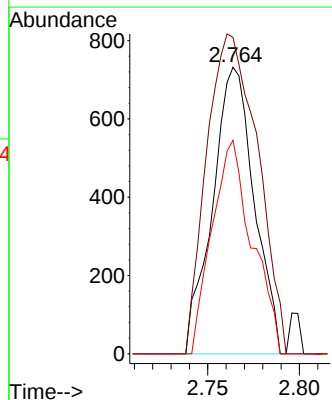
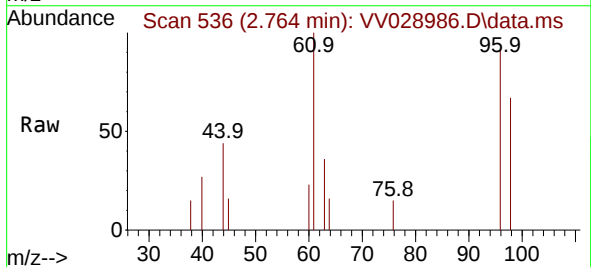
Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB9

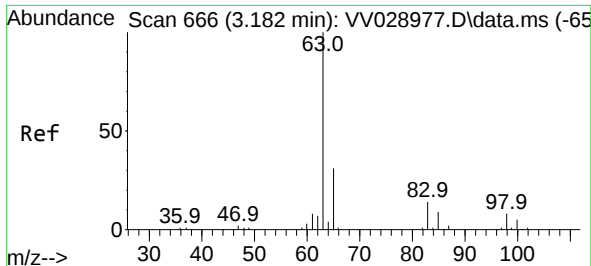
Tgt Ion: 96 Resp: 3854
 Ion Ratio Lower Upper
 96 100
 61 227.5 104.2 193.4#
 63 926.0 75.9 140.9#



#18
 trans-1,2-Dichloroethene
 Concen: 0.061 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. 0.010 min
 Lab File: VV028986.D
 Acq: 15 Nov 2022 14:06

Tgt Ion: 96 Resp: 1157
 Ion Ratio Lower Upper
 96 100
 61 110.4 91.8 170.6
 98 74.5 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.879 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

BGCB9

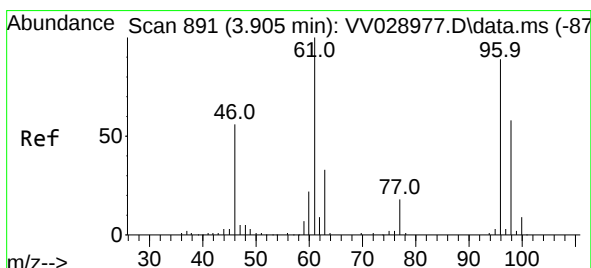
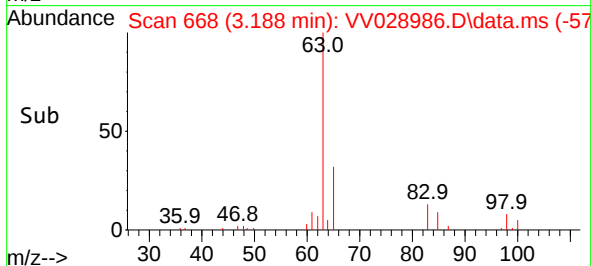
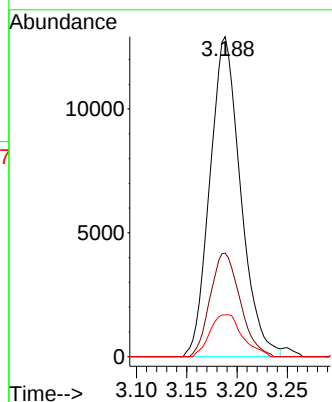
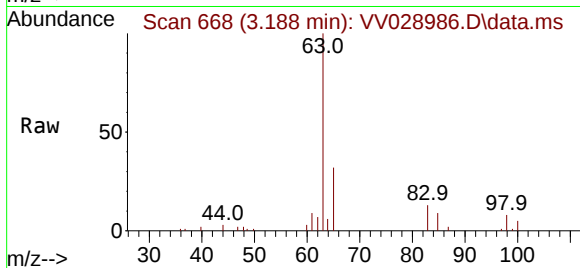
Tgt Ion: 63 Resp: 27456

Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.6

83 13.0 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 13.431 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

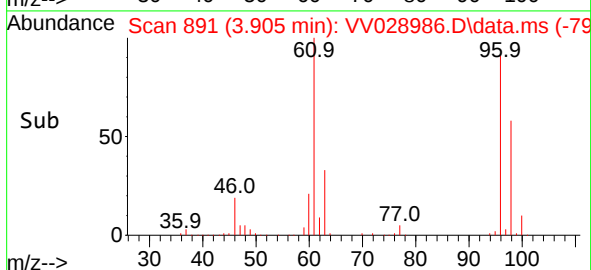
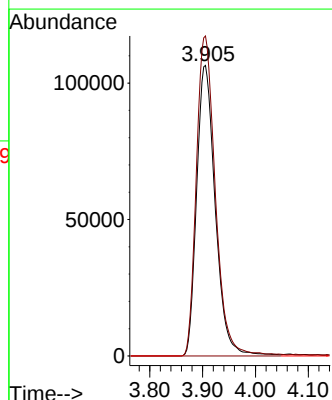
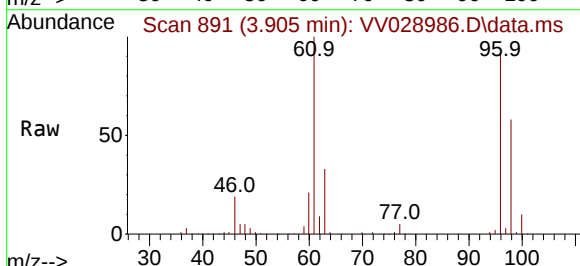
Tgt Ion: 96 Resp: 261008

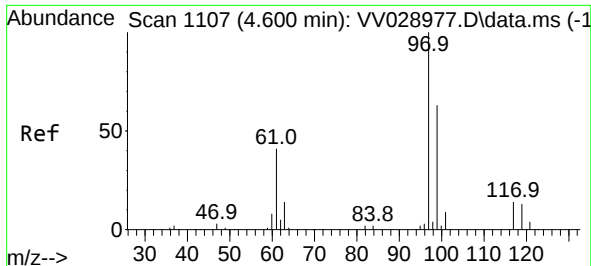
Ion Ratio Lower Upper

96 100

61 110.1 82.3 152.9

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.444 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

BGCB9

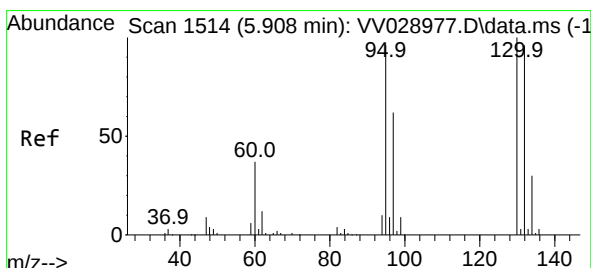
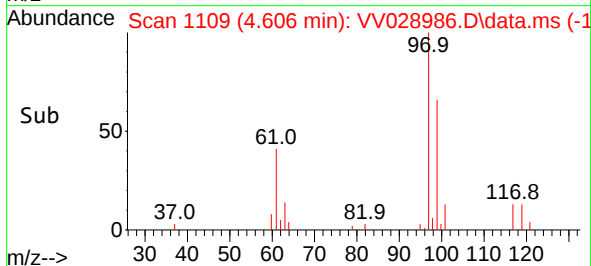
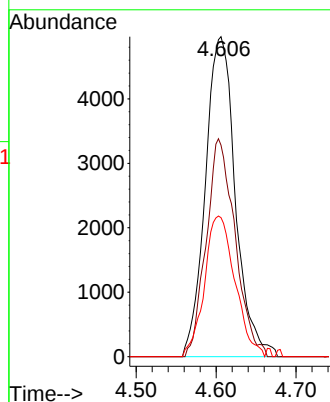
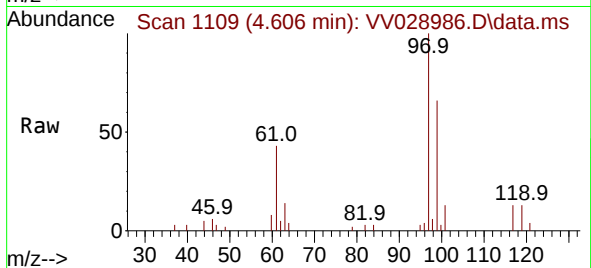
Tgt Ion: 97 Resp: 12945

Ion Ratio Lower Upper

97 100

99 65.6 52.7 79.1

61 44.6 33.8 50.6



#34

Trichloroethene

Concen: 38.434 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

Tgt Ion: 95 Resp: 746827

Ion Ratio Lower Upper

95 100

97 64.5 45.6 84.8

132 101.1 69.1 128.3

130 105.5 74.9 139.1

