

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029164.D
 Acq On : 19 Nov 2022 12:33
 Operator : SY/MD
 Sample : N5687-19DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE4DL

Quant Time: Nov 20 00:56:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

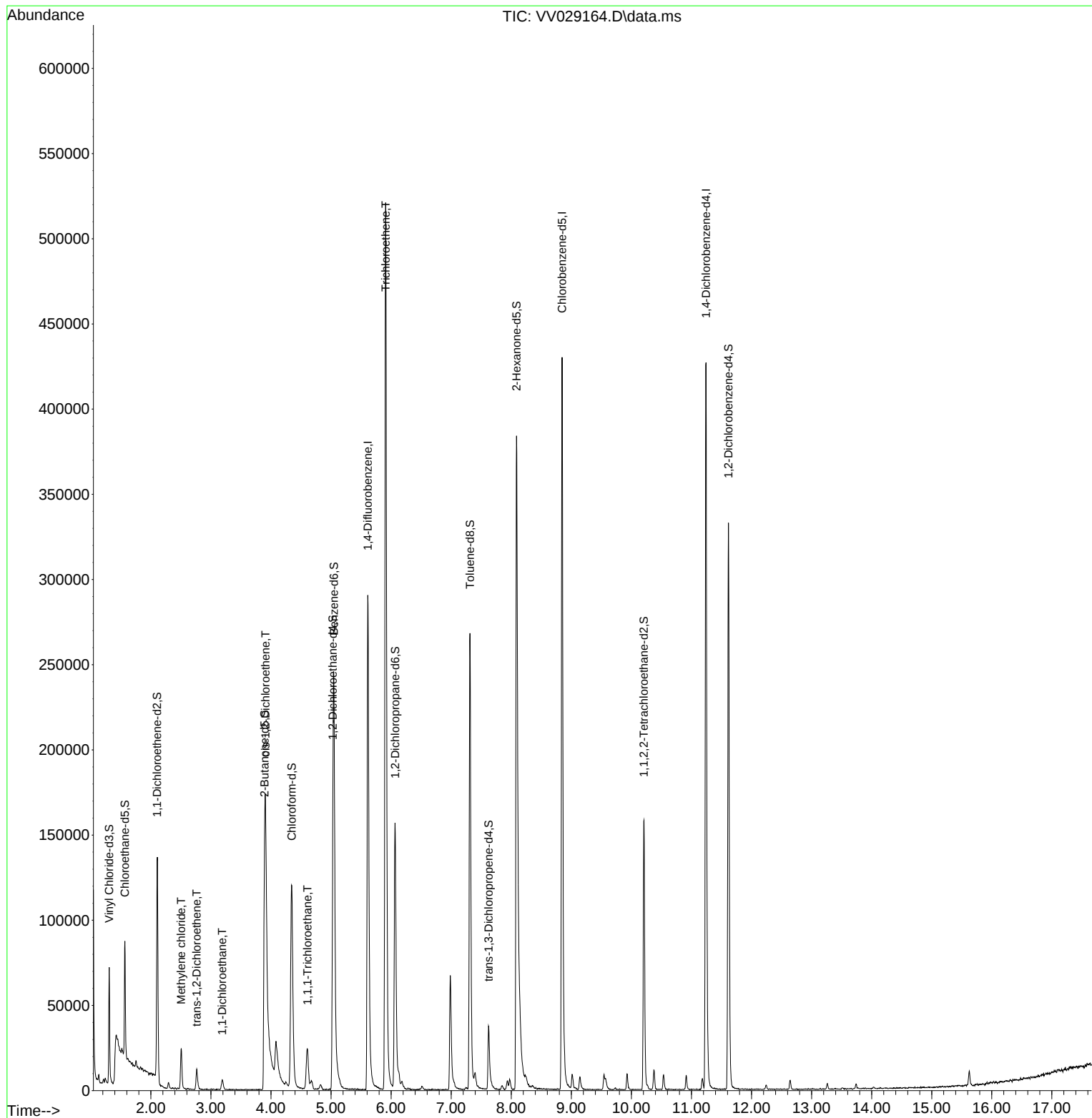
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	273029	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	254938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	121193	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46697	2.805	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.200%	
7) Chloroethane-d5	1.568	69	44523	3.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	60.800%#	
11) 1,1-Dichloroethene-d2	2.105	63	64064	2.112	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	42.200%#	
20) 2-Butanone-d5	3.892	46	228735	82.092	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	164.180%#	
24) Chloroform-d	4.346	84	133564	3.908	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
26) 1,2-Dichloroethane-d4	5.031	65	66263	4.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
32) Benzene-d6	5.047	84	234642	3.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	61.600%#	
36) 1,2-Dichloropropane-d6	6.066	67	83392	3.925	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.400%	
41) Toluene-d8	7.314	98	192994	2.817	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	56.400%#	
43) trans-1,3-Dichloroprop...	7.622	79	24406	3.522	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.400%	
46) 2-Hexanone-d5	8.088	63	168694	57.027	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.060%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81387	5.524	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	94407	4.354	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.507	84	10689	0.500	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	3748	0.196	ug/L	90
19) 1,1-Dichloroethane	3.188	63	6151	0.196	ug/L	99
22) cis-1,2-Dichloroethene	3.909	96	58528	3.003	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	20353	0.680	ug/L	98
34) Trichloroethene	5.908	95	193163	9.685	ug/L	98

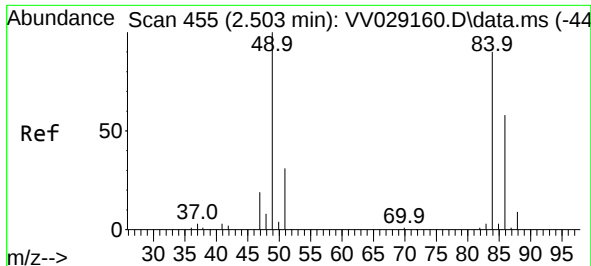
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 00:53:03 2022
Response via : Initial Calibration

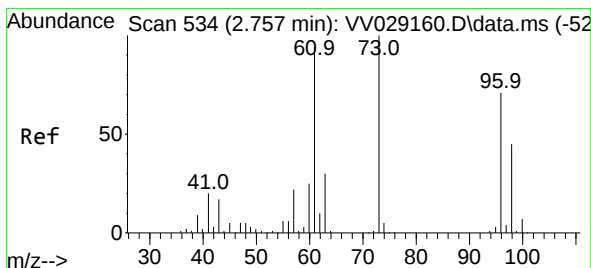
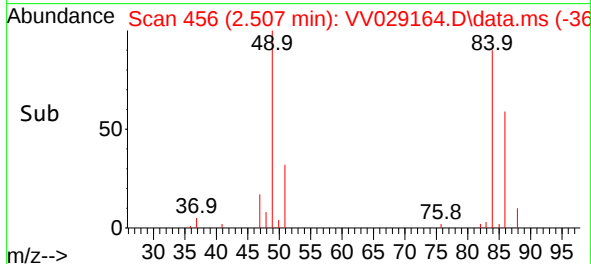
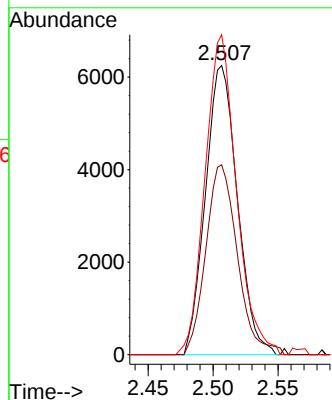
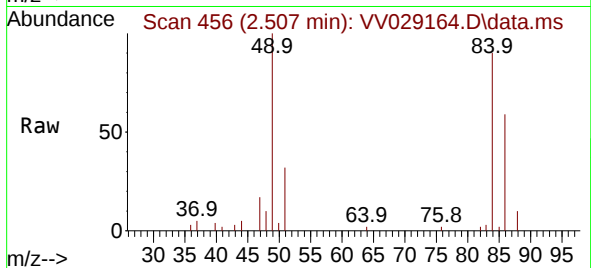




#16
Methylene chloride
Concen: 0.500 ug/L
RT: 2.507 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

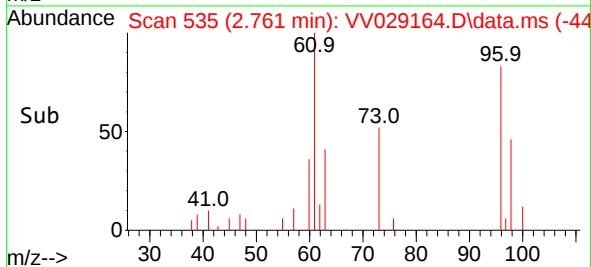
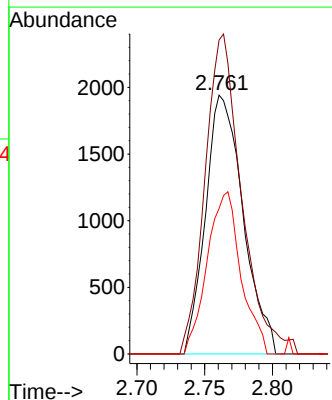
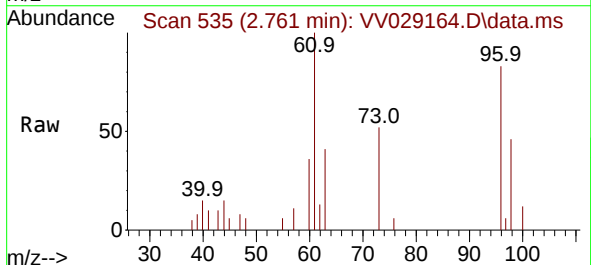
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

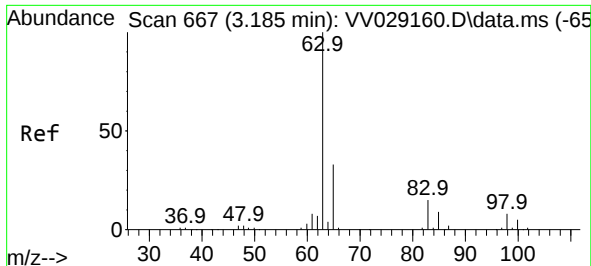
Tgt Ion: 84 Resp: 10689
Ion Ratio Lower Upper
84 100
86 65.7 45.8 85.0
49 110.6 75.5 140.1



#18
trans-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 96 Resp: 3748
Ion Ratio Lower Upper
96 100
61 121.2 91.8 170.6
98 56.2 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.196 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

BGCE4DL

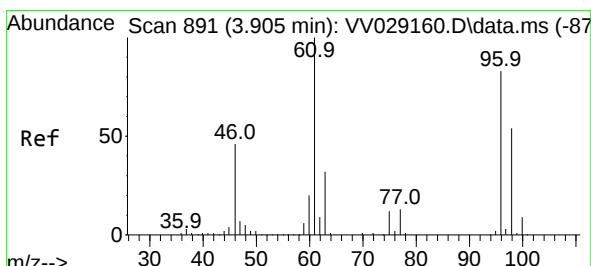
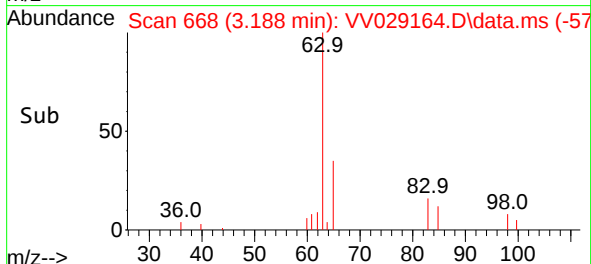
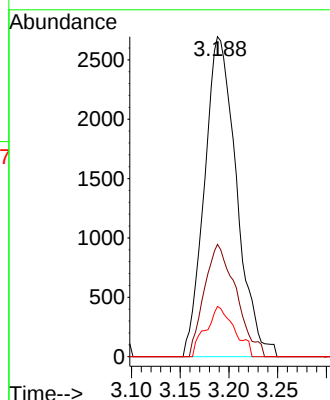
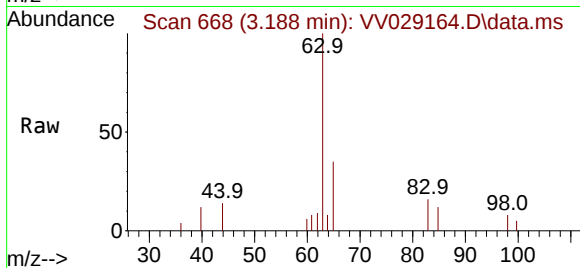
Tgt Ion: 63 Resp: 6151

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.6

83 14.5 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 3.003 ug/L

RT: 3.909 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

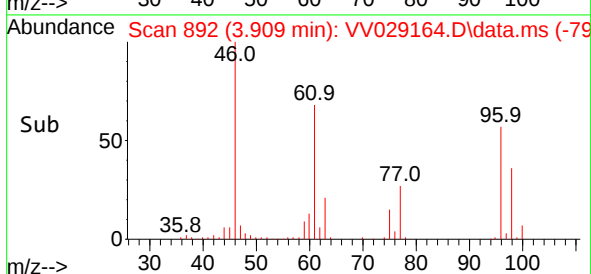
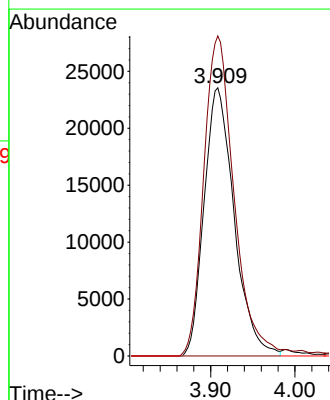
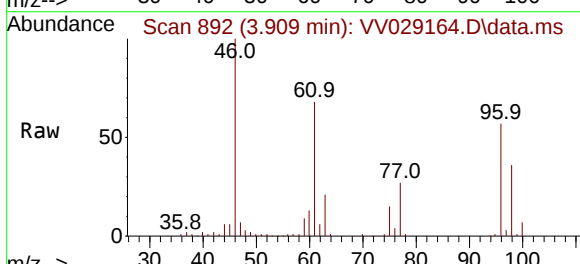
Tgt Ion: 96 Resp: 58528

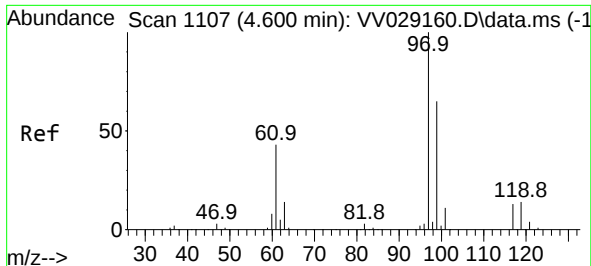
Ion Ratio Lower Upper

96 100

61 119.3 82.3 152.9

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.680 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

BGCE4DL

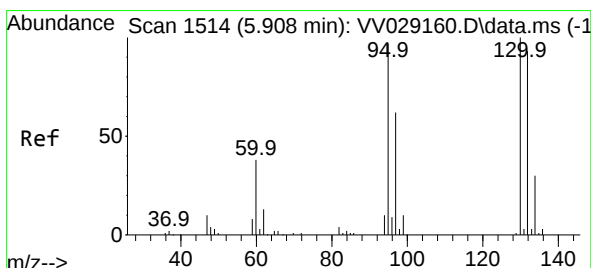
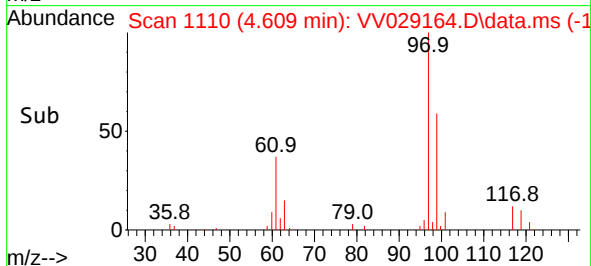
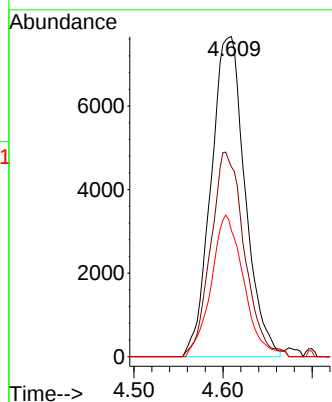
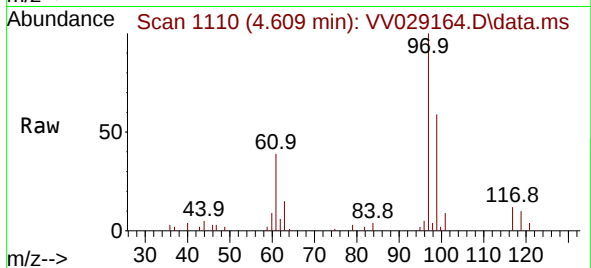
Tgt Ion: 97 Resp: 20353

Ion Ratio Lower Upper

97 100

99 63.1 52.7 79.1

61 42.3 33.8 50.6



#34

Trichloroethene

Concen: 9.685 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Tgt Ion: 95 Resp: 193163

Ion Ratio Lower Upper

95 100

97 63.7 45.6 84.8

132 100.0 69.1 128.3

130 104.1 74.9 139.1

