

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050238.D
 Acq On : 11 Aug 2022 18:22
 Operator : SY/MD
 Sample : N4160-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGBT8

Quant Time: Aug 12 01:34:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

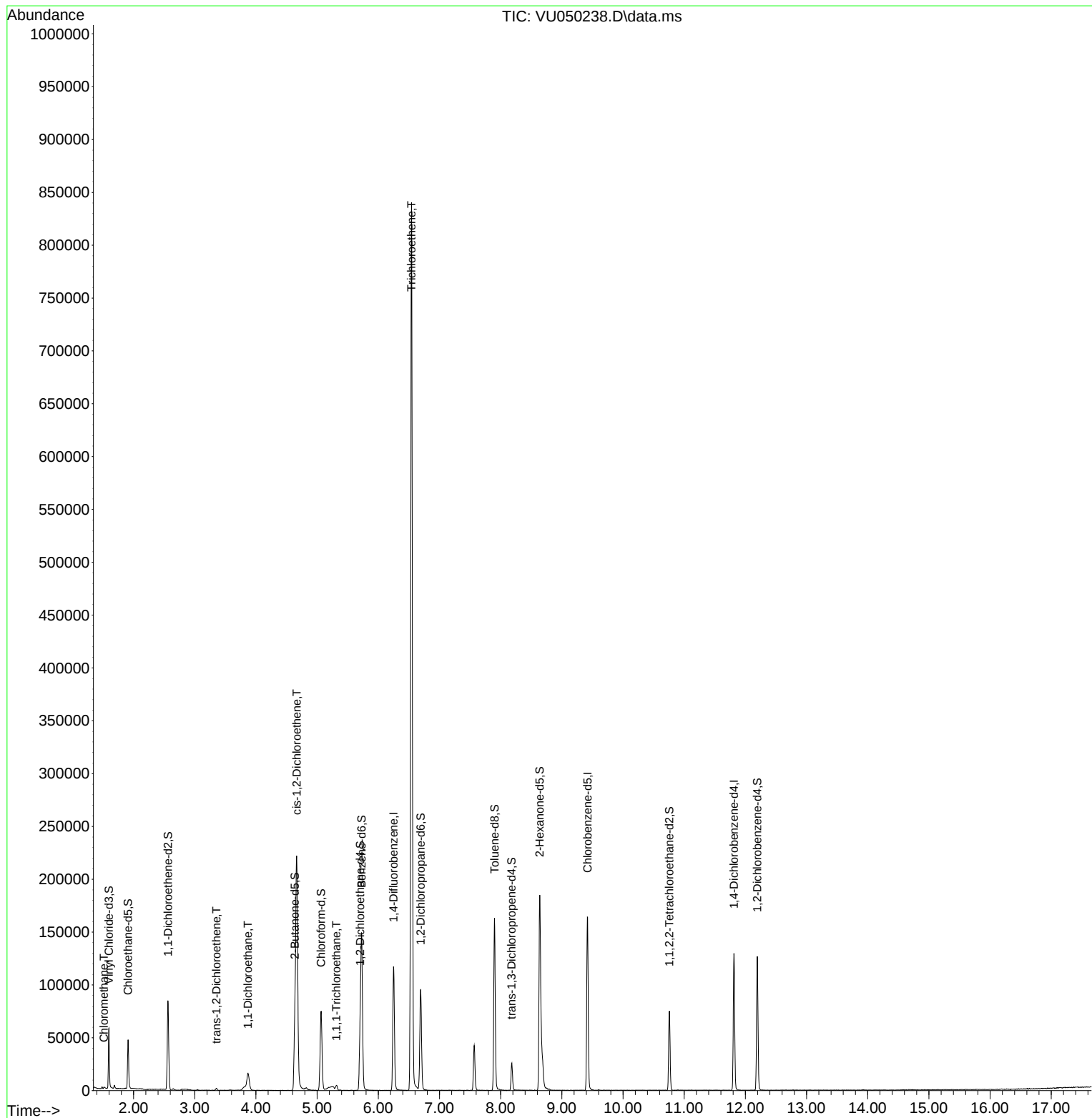
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	96179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	41881	5.233	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.600%	
7) Chloroethane-d5	1.909	69	32926	5.099	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.562	65	15270	4.881	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.600%	
20) 2-Butanone-d5	4.636	46	104098	53.332	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.660%	
24) Chloroform-d	5.064	84	71416	4.797	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.703	65	37481	4.903	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.726	84	139376	4.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.694	67	48656	4.971	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.899	98	111863	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.179	79	15840	4.516	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.636	63	58605	47.114	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.220%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39871	4.638	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35195	5.069	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1509	0.131	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	871	0.117	ug/L	89
19) 1,1-Dichloroethane	3.867	63	13789	0.978	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	109346	13.235	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	3747	0.321	ug/L	96
34) Trichloroethene	6.543	95	295755	36.641	ug/L	97

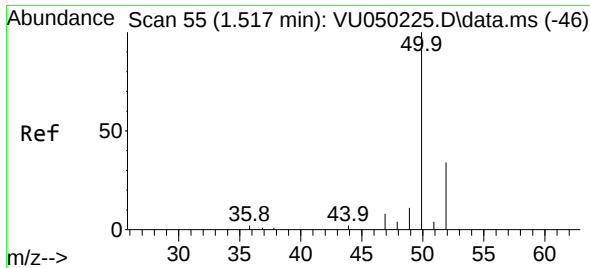
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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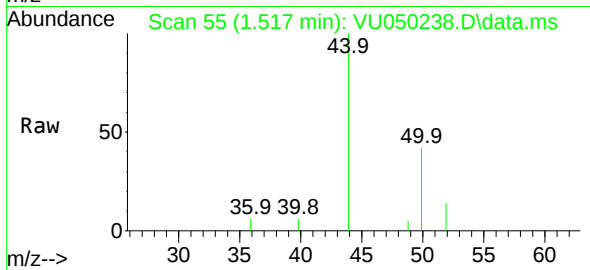
Quant Time: Aug 12 01:34:43 2022
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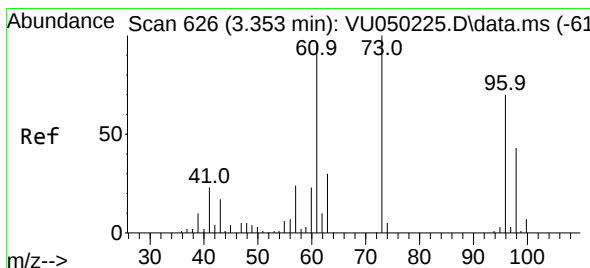
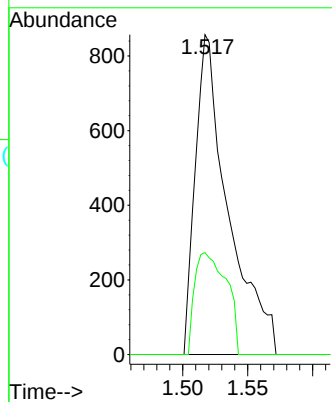
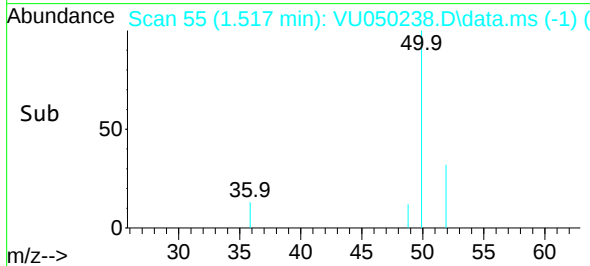


#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.517 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

Instrument :
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ClientSampleId :
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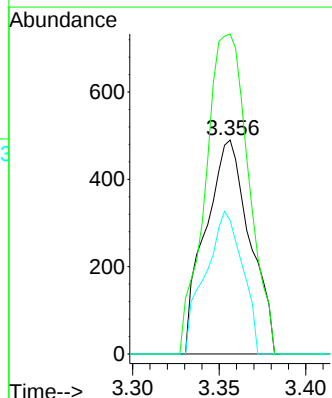
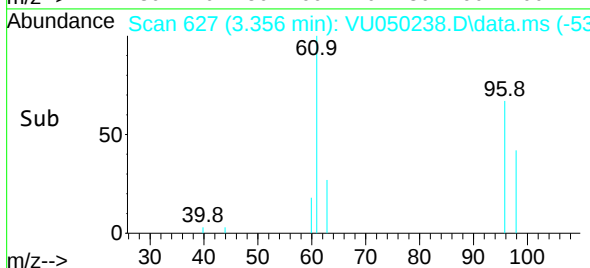
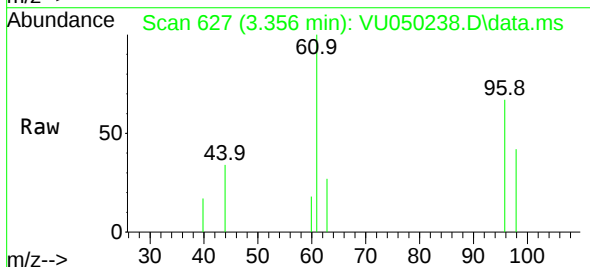


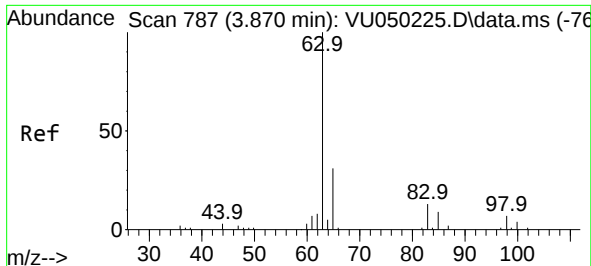
Tgt Ion: 50 Resp: 1509
Ion Ratio Lower Upper
50 100
52 31.9 23.2 43.2



#18
trans-1,2-Dichloroethene
Concen: 0.117 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

Tgt Ion: 96 Resp: 871
Ion Ratio Lower Upper
96 100
61 149.6 92.3 171.5
98 62.4 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.978 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU050238.D

Acq: 11 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

BGBT8

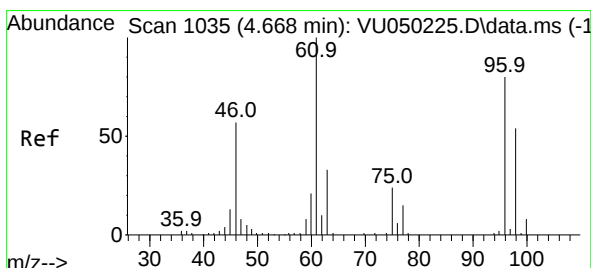
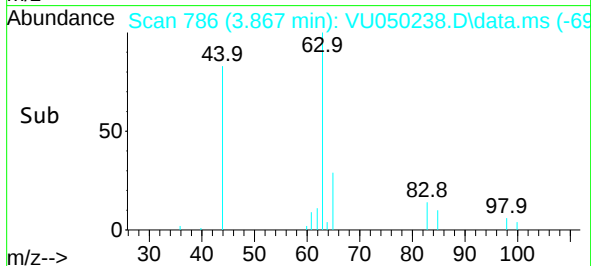
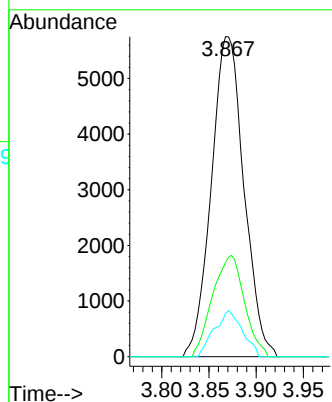
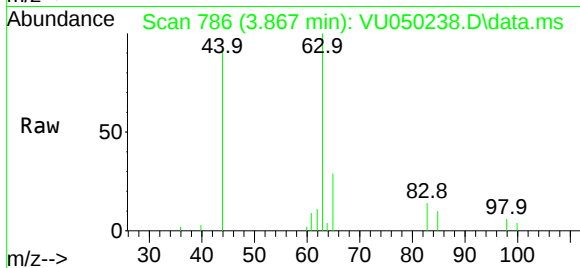
Tgt Ion: 63 Resp: 13789

Ion Ratio Lower Upper

63 100

65 28.1 22.7 42.3

83 12.9 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 13.235 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050238.D

Acq: 11 Aug 2022 18:22

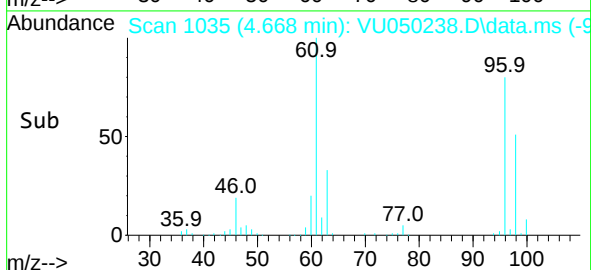
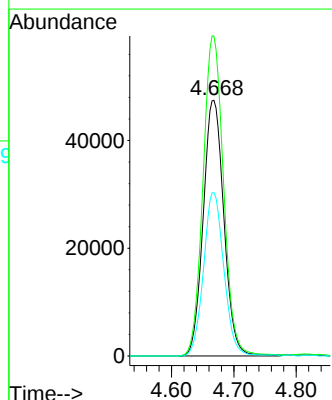
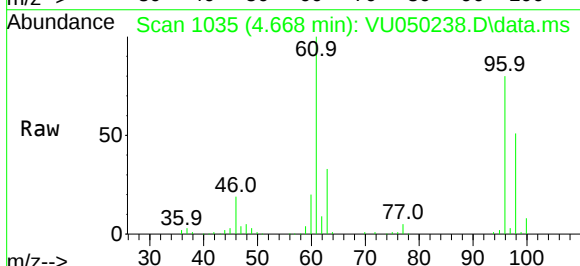
Tgt Ion: 96 Resp: 109346

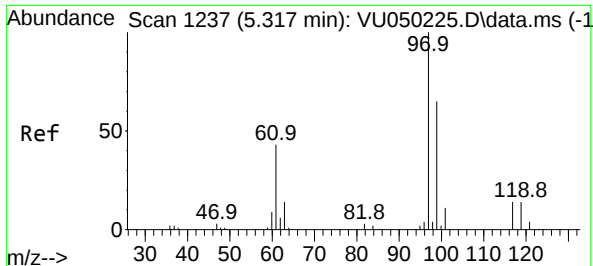
Ion Ratio Lower Upper

96 100

61 125.1 89.0 165.4

98 63.9 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.321 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050238.D

Acq: 11 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

BGBT8

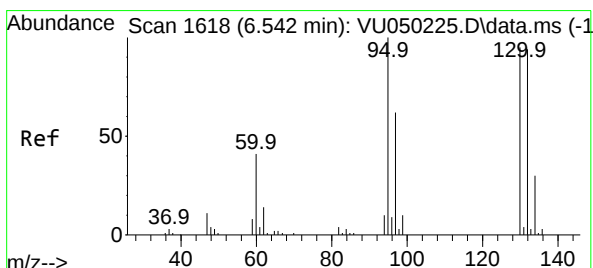
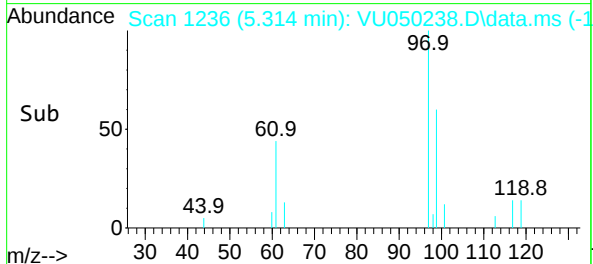
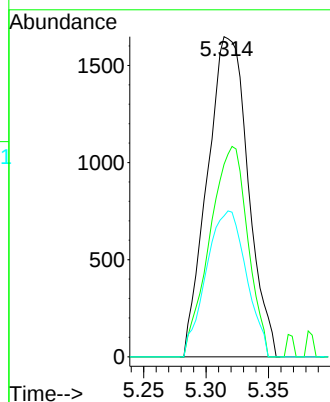
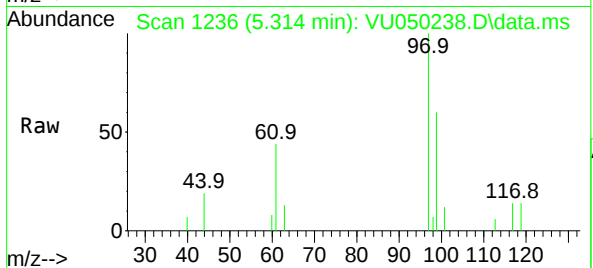
Tgt Ion: 97 Resp: 3747

Ion Ratio Lower Upper

97 100

99 61.2 51.5 77.3

61 44.8 34.2 51.4



#34

Trichloroethene

Concen: 36.641 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050238.D

Acq: 11 Aug 2022 18:22

Tgt Ion: 95 Resp: 295755

Ion Ratio Lower Upper

95 100

97 63.7 45.6 84.8

132 91.4 65.0 120.6

130 95.1 69.3 128.7

