

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052054.D
 Acq On : 22 Nov 2022 21:08
 Operator : JC/MD
 Sample : N5684-16DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J6DL

Quant Time: Nov 23 00:50:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

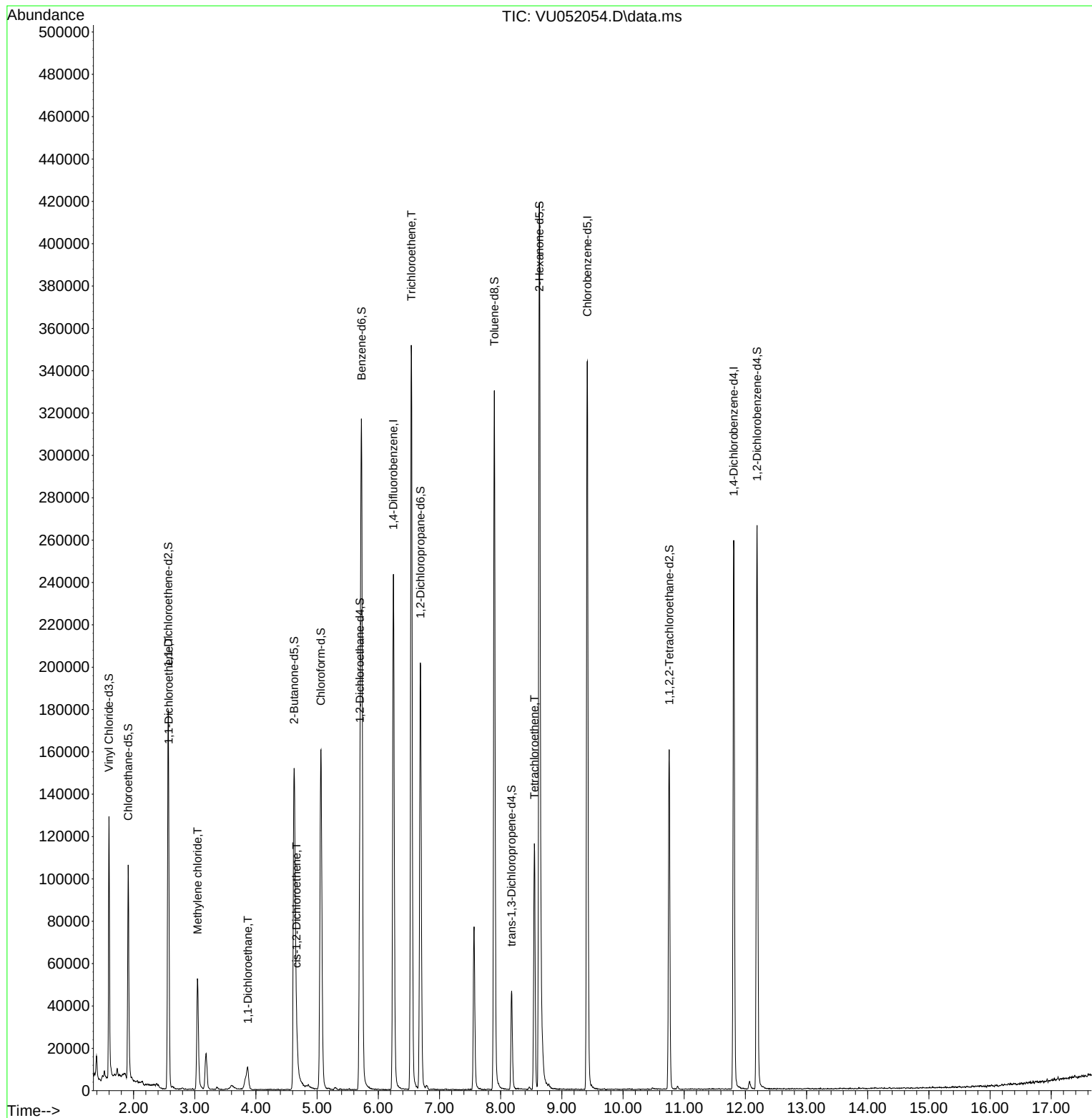
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	202705	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94026	4.769	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.912	69	80192	5.236	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.565	65	33774	4.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.623	46	198860	55.641	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.280%
24) Chloroform-d	5.060	84	154235	5.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.700	65	79506	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.726	84	313059	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.687	67	102798	5.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.896	98	230001	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.179	79	27938	4.028	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.632	63	144136	49.038	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.080%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	83623	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	75826	5.439	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	2827	0.192	ug/L	# 1
16) Methylene chloride	3.044	84	28363	1.426	ug/L	99
19) 1,1-Dichloroethane	3.867	63	4560	0.161	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	4666	0.282	ug/L	92
34) Trichloroethene	6.539	95	126298	7.511	ug/L	99
47) Tetrachloroethene	8.552	164	26859	2.084	ug/L	99

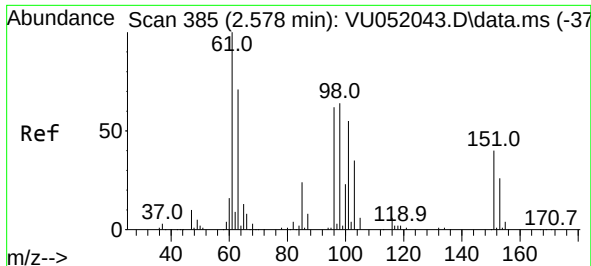
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 19 21:39:41 2022
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#12

1,1-Dichloroethene

Concen: 0.192 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU052054.D

Acq: 22 Nov 2022 21:08

Instrument :

MSVOA_U

ClientSampleId :

BH1J6DL

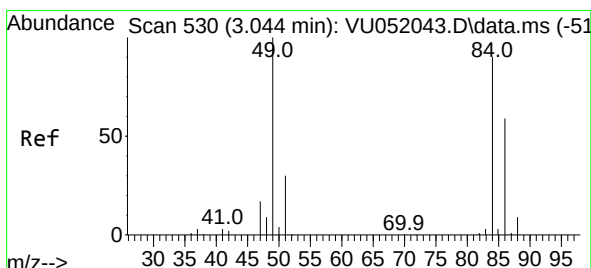
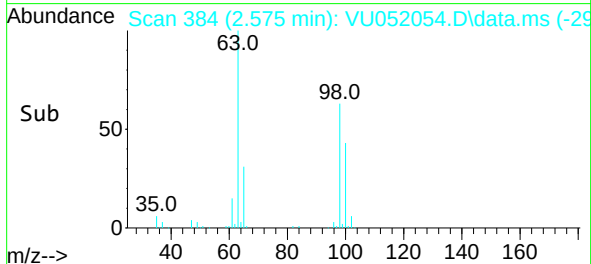
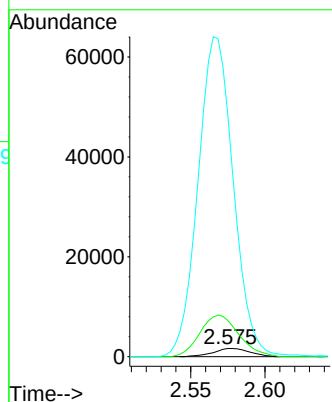
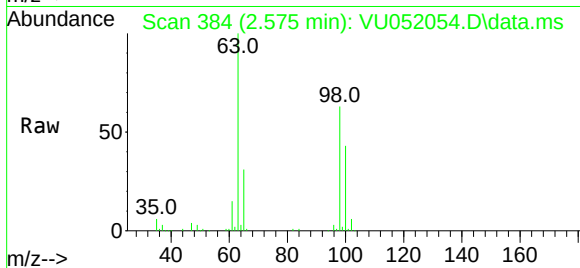
Tgt Ion: 96 Resp: 2827

Ion Ratio Lower Upper

96 100

61 445.3 114.8 213.2#

63 2981.4 93.7 174.1#



#16

Methylene chloride

Concen: 1.426 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052054.D

Acq: 22 Nov 2022 21:08

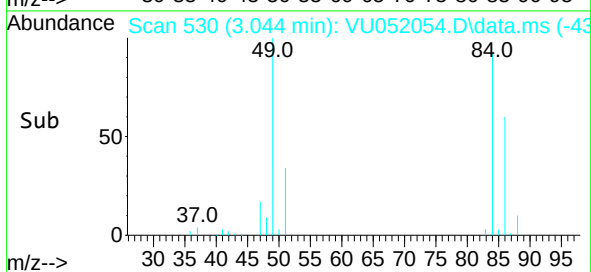
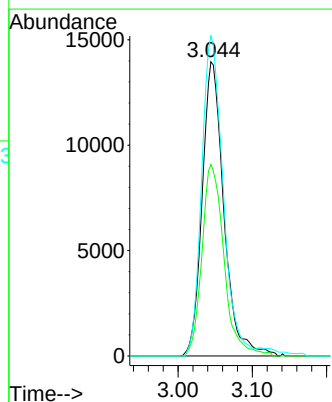
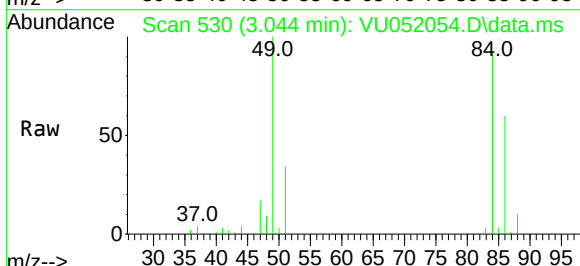
Tgt Ion: 84 Resp: 28363

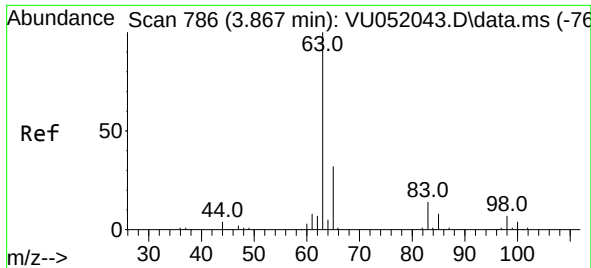
Ion Ratio Lower Upper

84 100

86 65.1 43.8 81.4

49 108.7 75.9 141.1

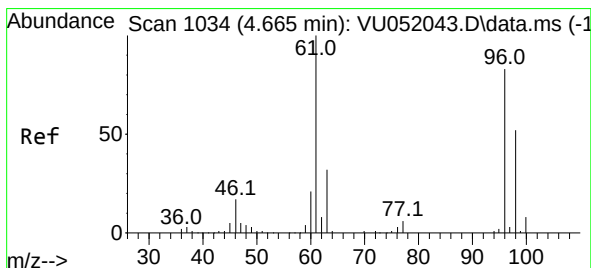
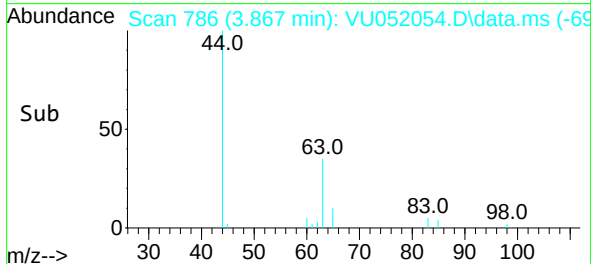
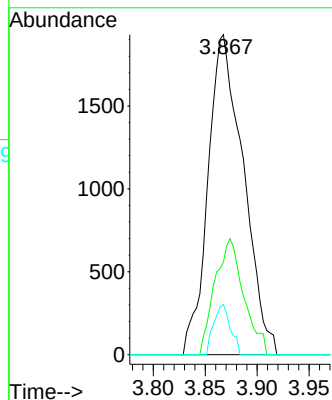
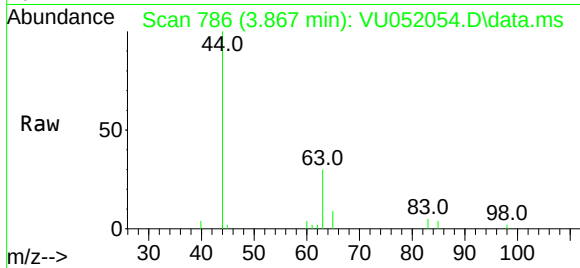




#19
 1,1-Dichloroethane
 Concen: 0.161 ug/L
 RT: 3.867 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU052054.D
 Acq: 22 Nov 2022 21:08

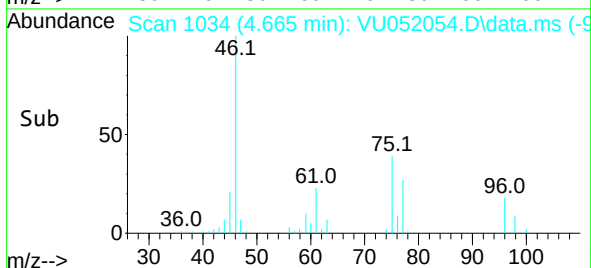
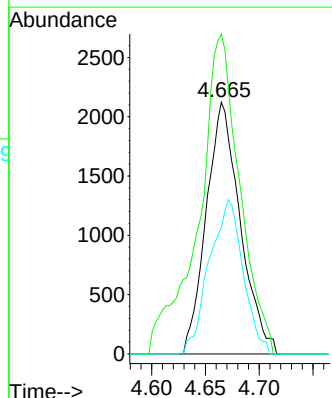
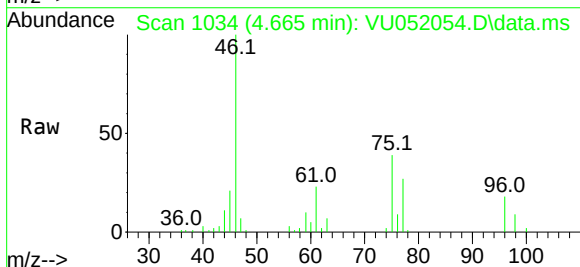
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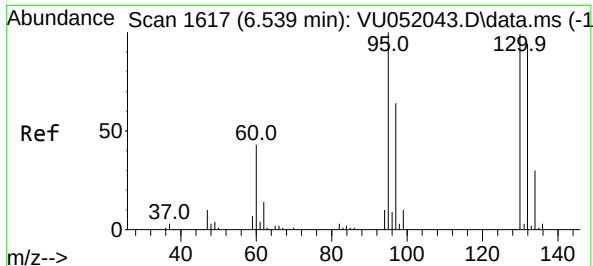
Tgt Ion: 63 Resp: 4560
 Ion Ratio Lower Upper
 63 100
 65 29.0 22.2 41.2
 83 15.8 9.2 17.0



#22
 cis-1,2-Dichloroethene
 Concen: 0.282 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052054.D
 Acq: 22 Nov 2022 21:08

Tgt Ion: 96 Resp: 4666
 Ion Ratio Lower Upper
 96 100
 61 127.1 85.1 158.1
 98 50.4 42.8 79.6

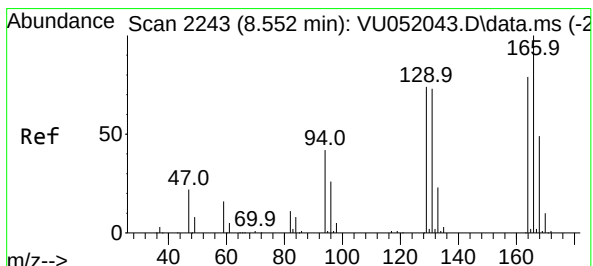
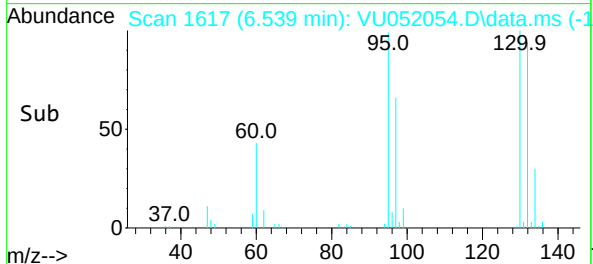
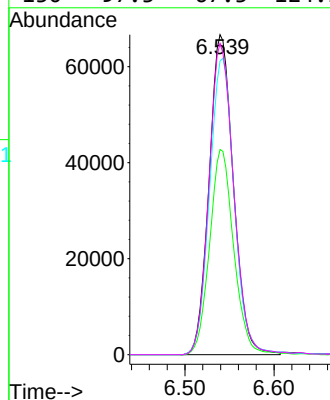
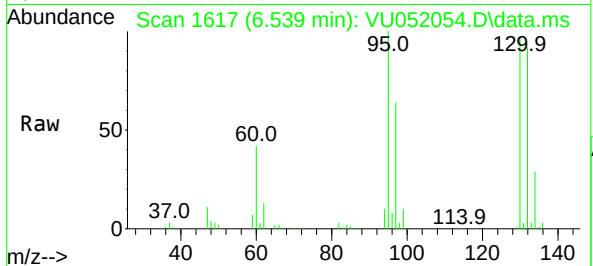




#34
Trichloroethene
Concen: 7.511 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

Instrument :
MSVOA_U
ClientSampleId :
BH1J6DL

Tgt Ion: 95 Resp: 126298
Ion Ratio Lower Upper
95 100
97 64.1 43.7 81.1
132 91.8 64.3 119.3
130 97.3 67.3 124.9



#47
Tetrachloroethene
Concen: 2.084 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

Tgt Ion: 164 Resp: 26859
Ion Ratio Lower Upper
164 100
129 98.9 67.4 125.2
131 95.5 67.1 124.7
166 128.4 89.7 166.5

