

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057528.D
 Acq On : 15 Jan 2024 14:36
 Operator : MD/SY
 Sample : P1120-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWJ4

Quant Time: Jan 16 00:35:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

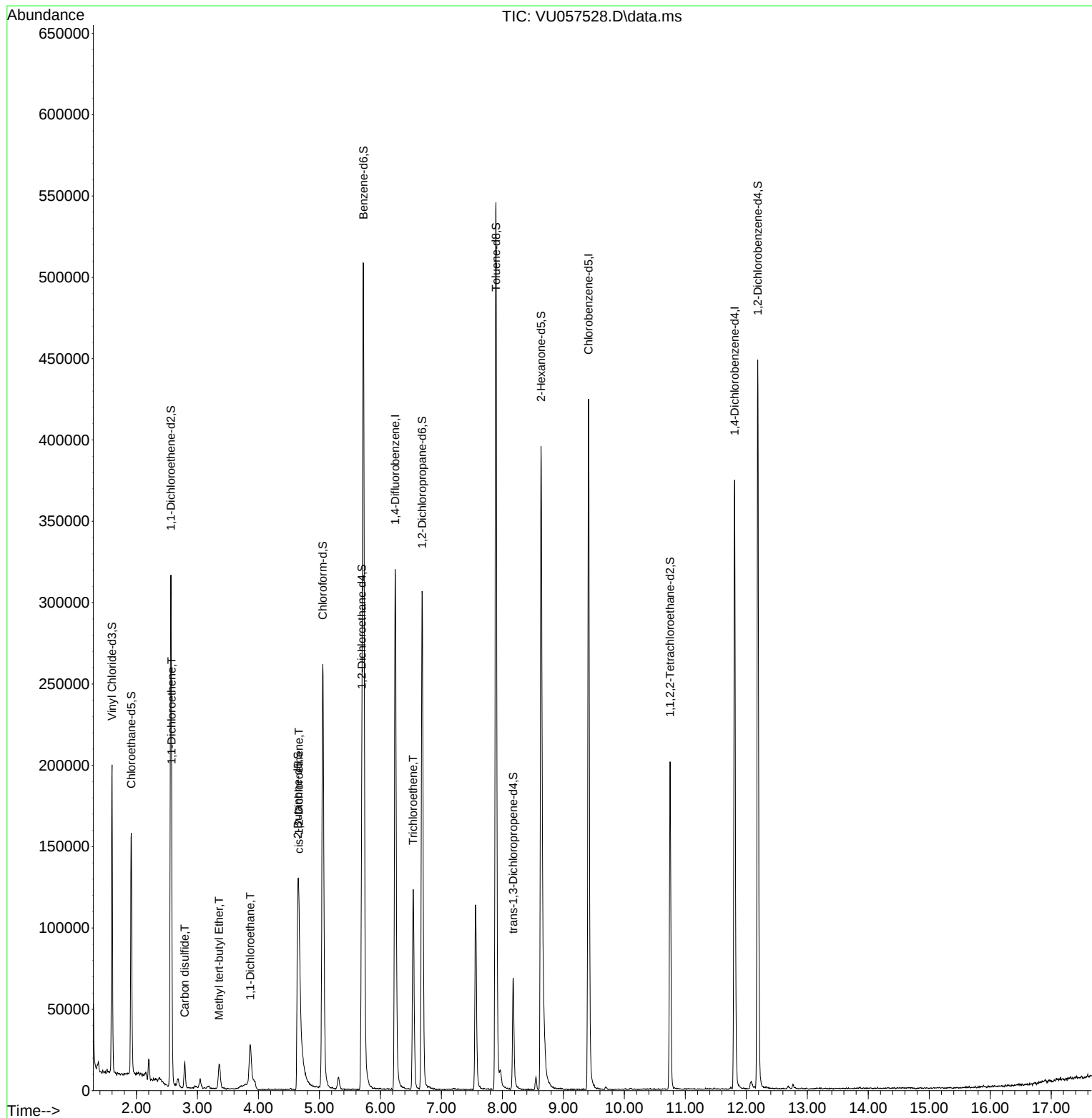
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	255126	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	228469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	97461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	132757	5.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.914	69	112892	5.605	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.200%		
11) 1,1-Dichloroethene-d2	2.564	65	58607	5.354	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.000%		
20) 2-Butanone-d5	4.647	46	274232	56.010	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 112.020%		
24) Chloroform-d	5.055	84	245270	5.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
26) 1,2-Dichloroethane-d4	5.695	65	123011	5.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.200%		
32) Benzene-d6	5.721	84	470520	5.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.000%		
36) 1,2-Dichloropropane-d6	6.686	67	149719	5.763	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 115.200%		
41) Toluene-d8	7.895	98	366914	5.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.400%		
43) trans-1,3-Dichloroprop...	8.177	79	41306	4.573	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.400%		
46) 2-Hexanone-d5	8.634	63	128774	39.376	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 78.760%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	101268	5.771	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 115.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	113490	5.798	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.000%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.576	96	9833	0.660	ug/L	# 1
14) Carbon disulfide	2.792	76	21412	0.514	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	16028	0.433	ug/L	99
19) 1,1-Dichloroethane	3.866	63	30077	0.901	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	10806	0.627	ug/L	95
34) Trichloroethene	6.538	95	44079	2.500	ug/L	100

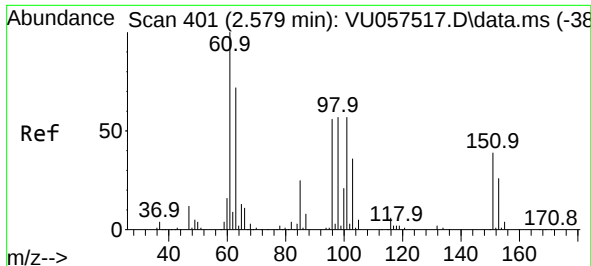
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 00:31:32 2024
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#12

1,1-Dichloroethene

Concen: 0.660 ug/L

RT: 2.576 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU057528.D

Acq: 15 Jan 2024 14:36

Instrument :

MSVOA_U

ClientSampleId :

BGWJ4

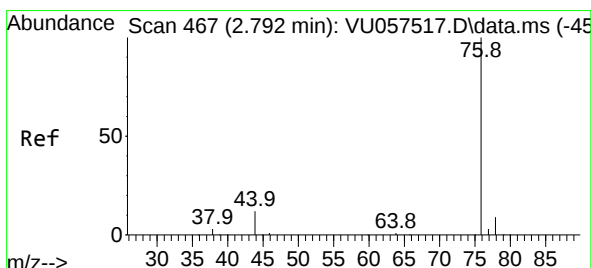
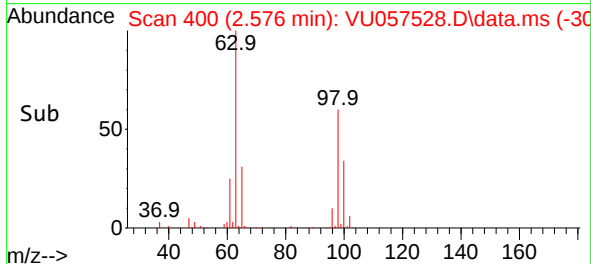
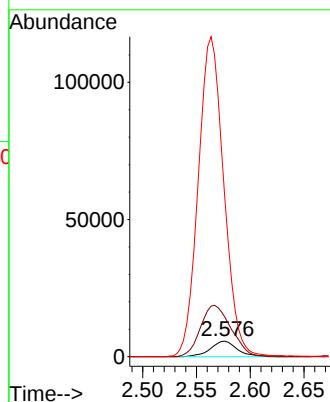
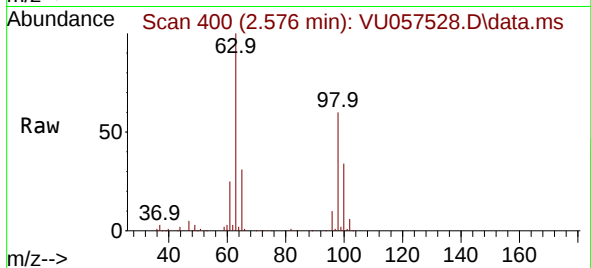
Tgt Ion: 96 Resp: 9833

Ion Ratio Lower Upper

96 100

61 255.0 130.9 243.1#

63 1016.5 114.8 213.2#



#14

Carbon disulfide

Concen: 0.514 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057528.D

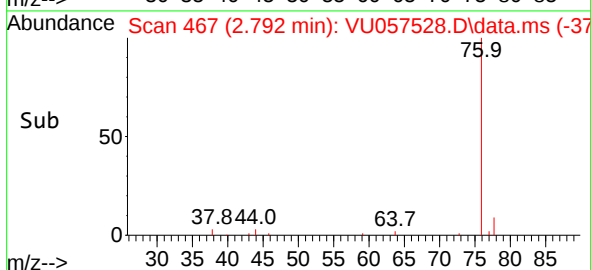
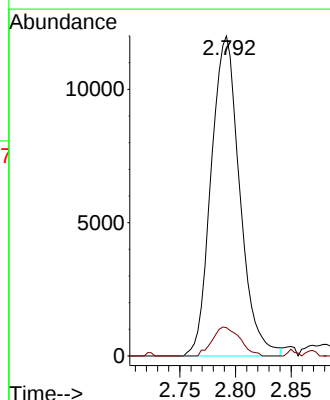
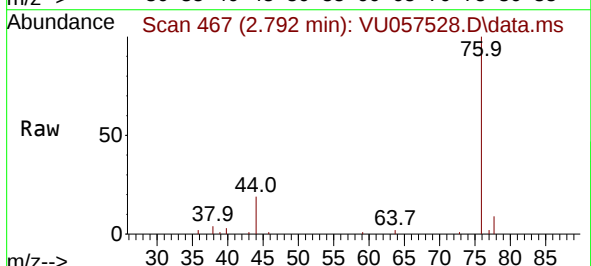
Acq: 15 Jan 2024 14:36

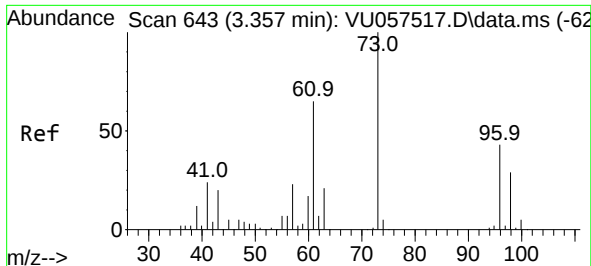
Tgt Ion: 76 Resp: 21412

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

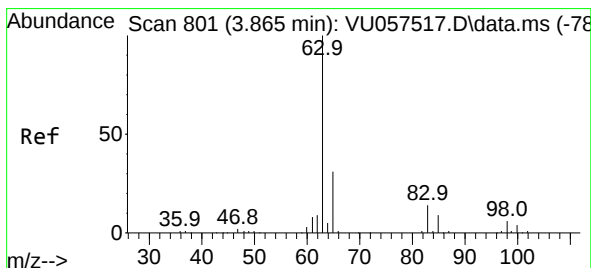
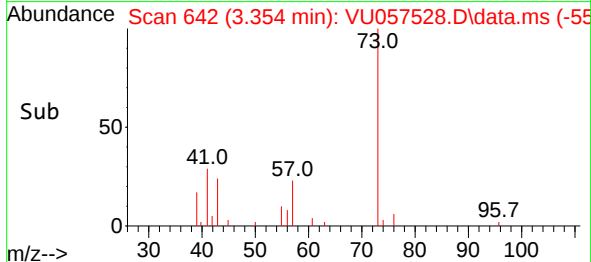
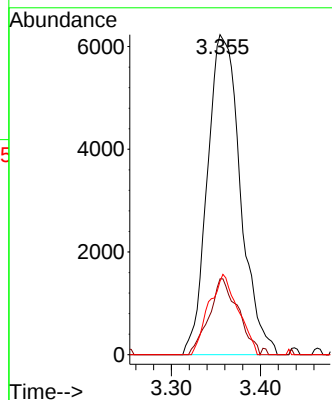
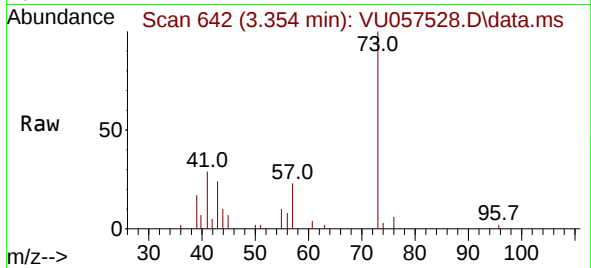




#17
Methyl tert-butyl Ether
Concen: 0.433 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

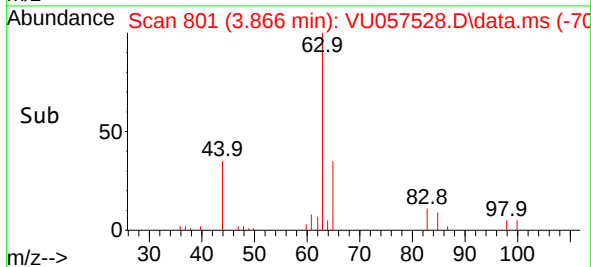
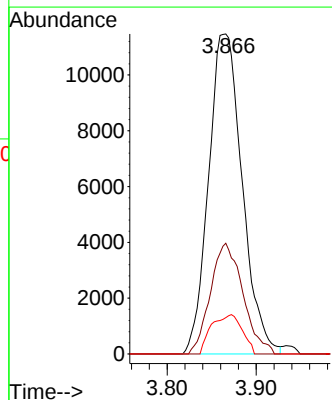
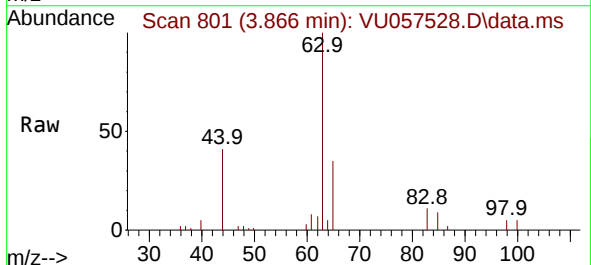
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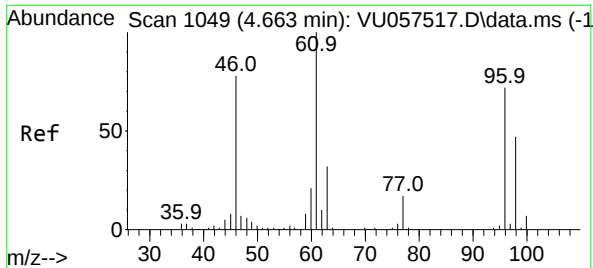
Tgt Ion: 73 Resp: 16028
Ion Ratio Lower Upper
73 100
43 21.0 16.1 24.1
57 22.3 18.2 27.4



#19
1,1-Dichloroethane
Concen: 0.901 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

Tgt Ion: 63 Resp: 30077
Ion Ratio Lower Upper
63 100
65 34.6 22.3 41.3
83 11.4 9.1 16.9

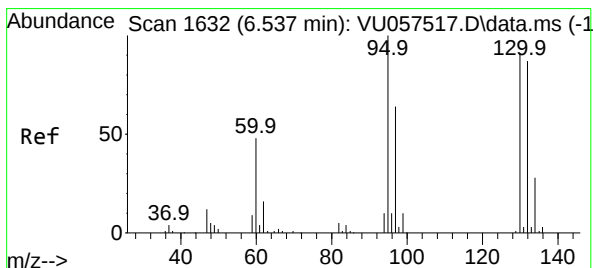
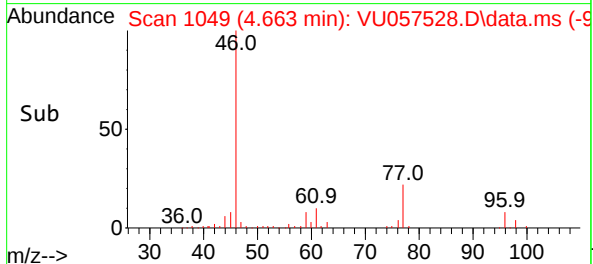
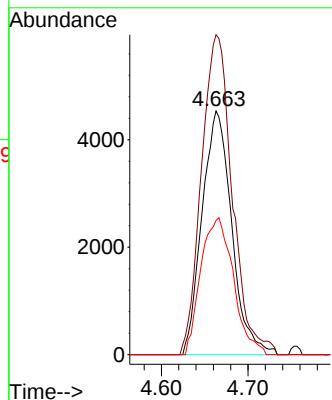
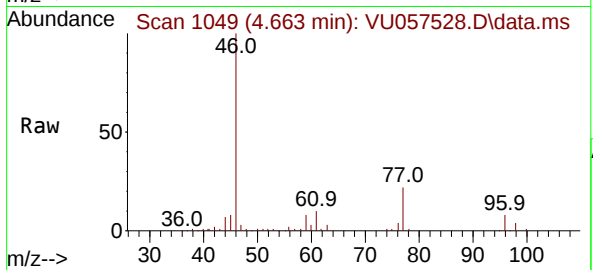




#22
cis-1,2-Dichloroethene
Concen: 0.627 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

Instrument :
MSVOA_U
ClientSampleId :
BGWJ4

Tgt Ion:	96	Resp:	10806
Ion	Ratio	Lower	Upper
96	100		
61	131.3	93.4	173.4
98	55.1	44.9	83.3



#34
Trichloroethene
Concen: 2.500 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

Tgt Ion:	95	Resp:	44079
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.0	83.6
132	88.2	61.7	114.5
130	90.5	63.1	117.3

