

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082824\
 Data File : VV037134.D
 Acq On : 28 Aug 2024 16:35
 Operator : SY/MD
 Sample : P3692-19DL 10X
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 04:47:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 04:43:38 2024
 Response via : Initial Calibration

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

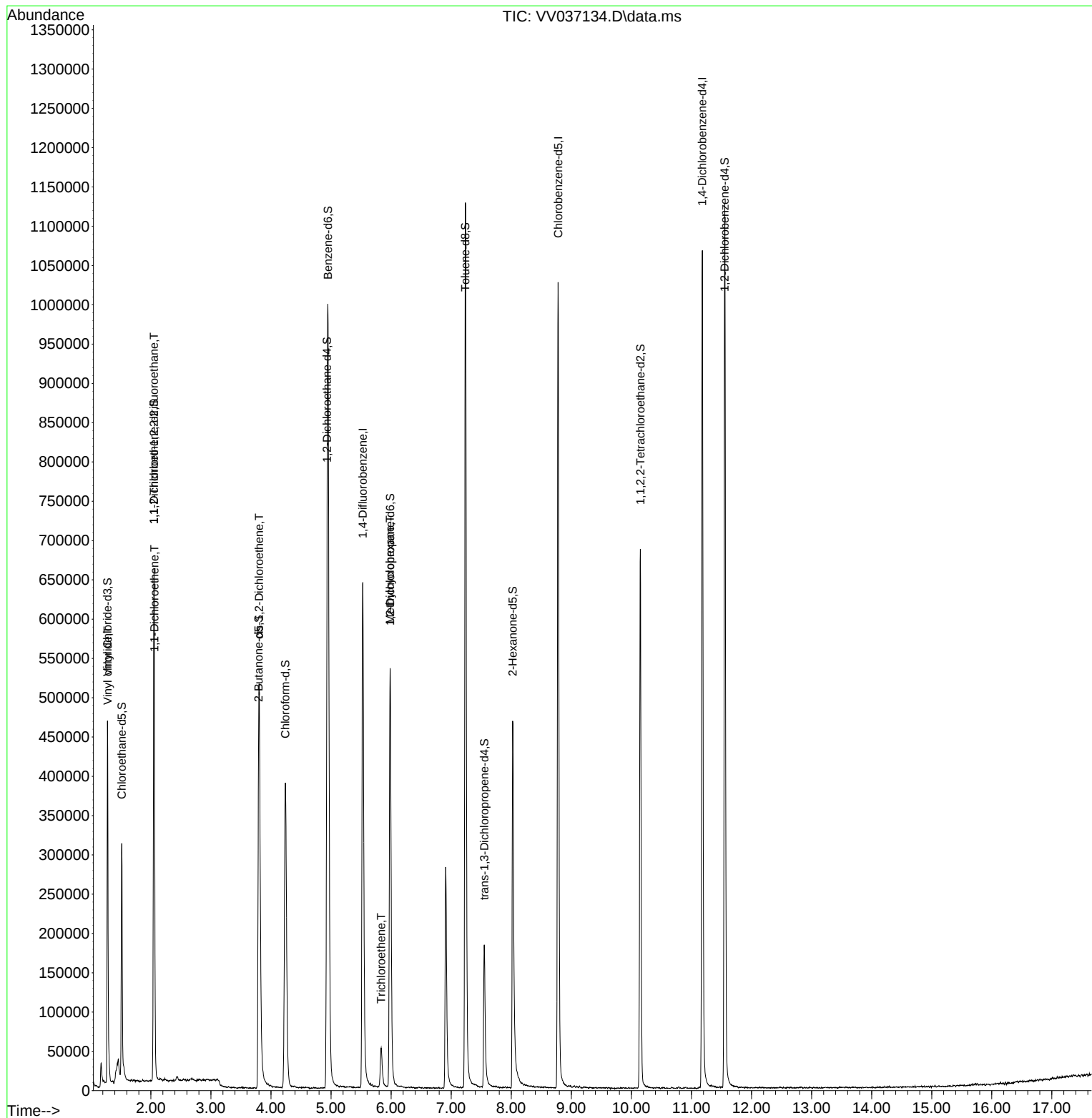
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	565734	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	548296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	264760	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	254312	49.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.280%		
7) Chloroethane-d5	1.516	69	196503	49.130	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.260%		
11) 1,1-Dichloroethene-d2	2.053	65	109624	50.399	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.800%		
21) 2-Butanone-d5	3.793	46	234942	117.233	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.230%		
24) Chloroform-d	4.240	84	412196	50.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.780%		
26) 1,2-Dichloroethane-d4	4.934	65	263640	51.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.380%		
32) Benzene-d6	4.950	84	844912	51.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.040%		
36) 1,2-Dichloropropane-d6	5.986	67	262986	50.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.400%		
41) Toluene-d8	7.236	98	744363	49.803	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.600%		
43) trans-1,3-Dichloroprop...	7.551	79	111723	46.556	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.120%		
47) 2-Hexanone-d5	8.024	63	164207	115.995	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.000%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	336024	53.415	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.820%		
66) 1,2-Dichlorobenzene-d4	11.555	152	274774	51.819	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.640%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	71761	14.218	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2931	0.748	ug/L #	27
12) 1,1-Dichloroethene	2.060	96	6649	1.801	ug/L #	1
20) cis-1,2-Dichloroethene	3.802	96	211252	49.895	ug/L	98
34) Trichloroethene	5.835	95	18201	4.358	ug/L	99
35) Methylcyclohexane	5.982	83	63248	9.321	ug/L #	18

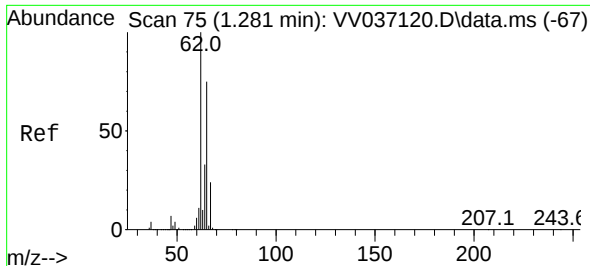
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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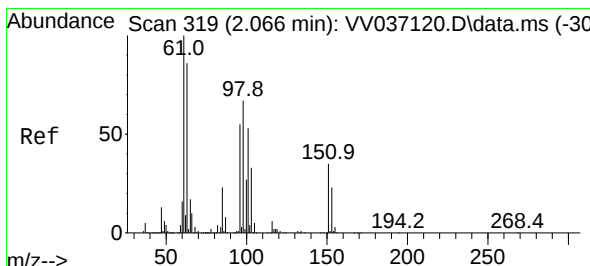
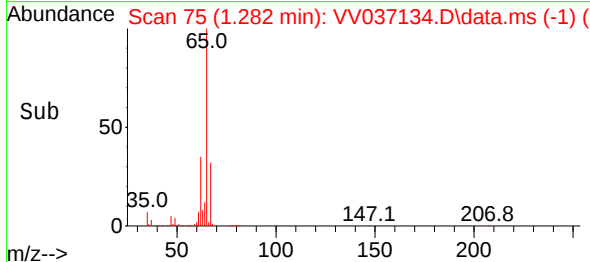
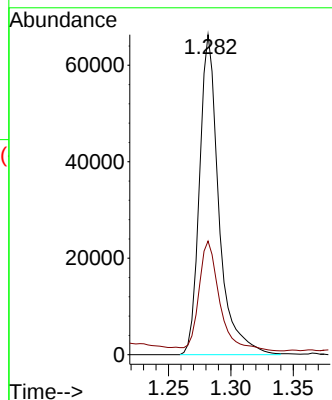
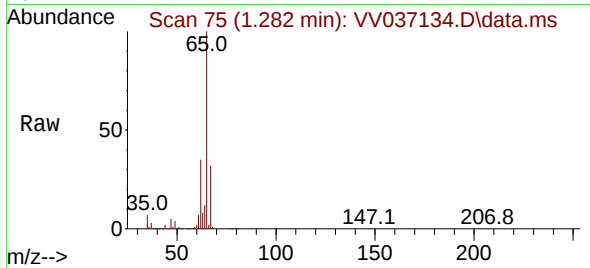




#5
 Vinyl chloride
 Concen: 14.218 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037134.D
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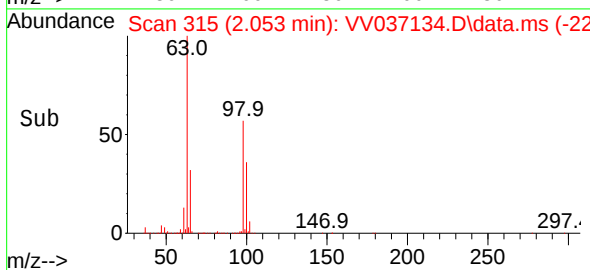
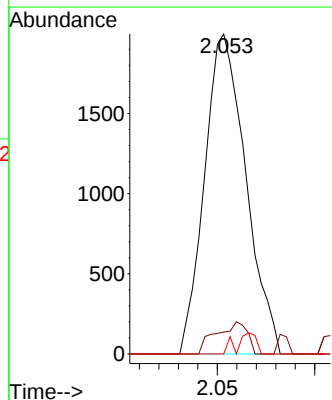
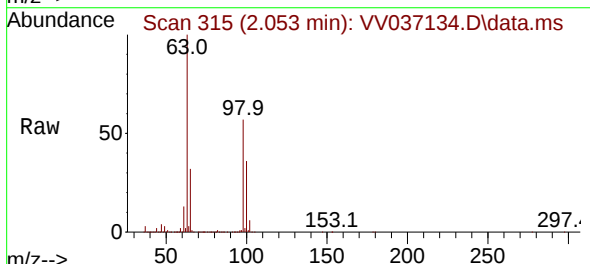
Instrument :
 MSVOA_V
 ClientSampleId :

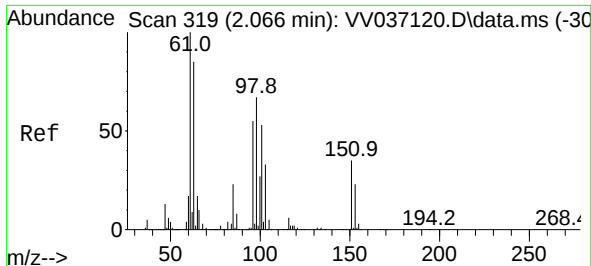
Tgt Ion: 62 Resp: 71761
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.748 ug/L
 RT: 2.053 min Scan# 315
 Delta R.T. -0.013 min
 Lab File: VV037134.D
 Acq: 28 Aug 2024 16:35

Tgt Ion: 101 Resp: 2931
 Ion Ratio Lower Upper
 101 100
 85 7.6 35.6 53.4#
 151 0.7 55.0 82.4#





#12

1,1-Dichloroethene

Concen: 1.801 ug/L

RT: 2.060 min Scan# 319

Delta R.T. -0.006 min

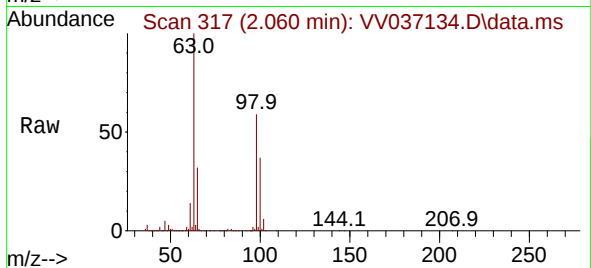
Lab File: VV037134.D

Acq: 28 Aug 2024 16:35

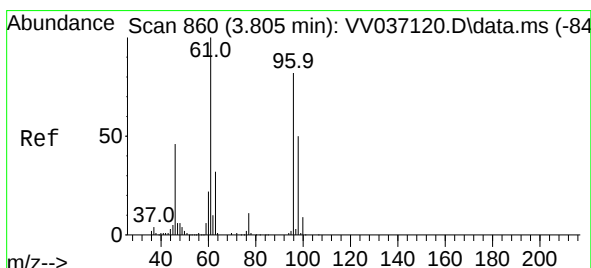
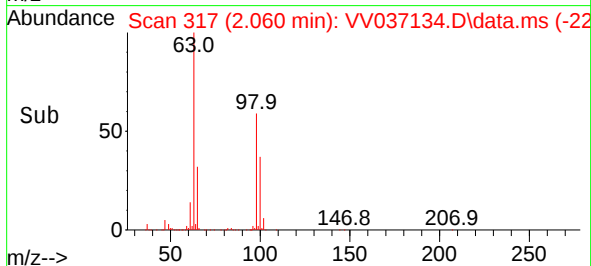
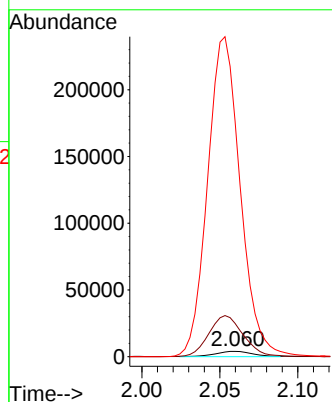
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	6649
Ion	Ratio	Lower	Upper
96	100		
61	623.8	123.8	229.8#
63	4405.7	96.5	179.1#



#20

cis-1,2-Dichloroethene

Concen: 49.895 ug/L

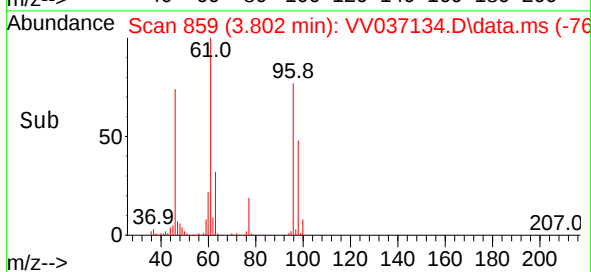
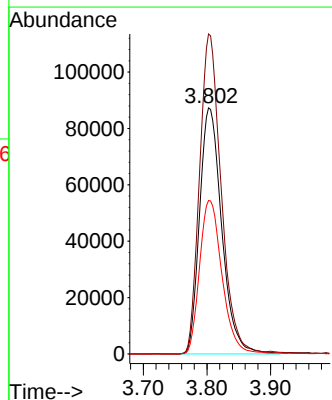
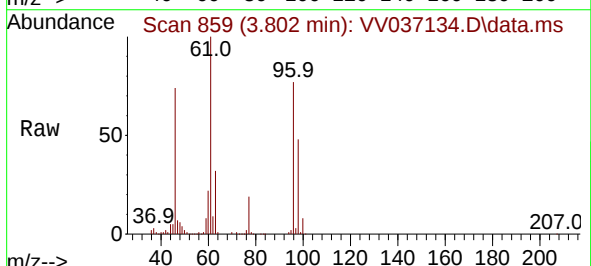
RT: 3.802 min Scan# 859

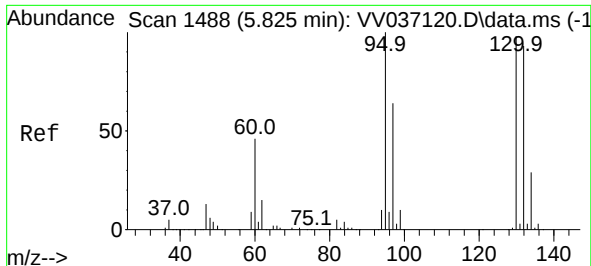
Delta R.T. -0.003 min

Lab File: VV037134.D

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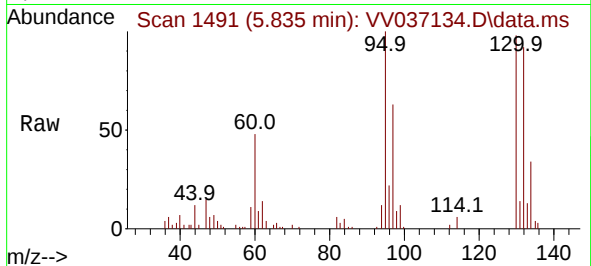
Tgt Ion:	96	Resp:	211252
Ion	Ratio	Lower	Upper
96	100		
61	130.0	89.9	166.9
98	62.3	44.8	83.2



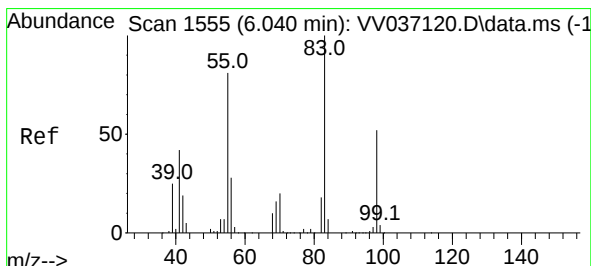
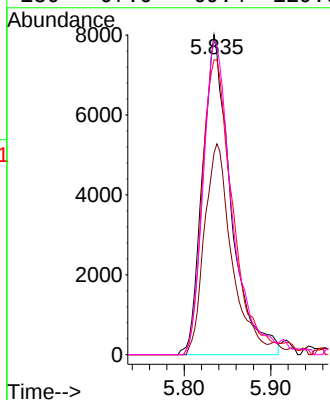
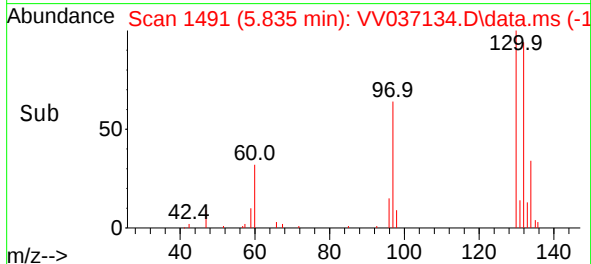


#34
Trichloroethene
Concen: 4.358 ug/L
RT: 5.835 min Scan# 1488
Delta R.T. 0.010 min
Lab File: VV037134.D
Acq: 28 Aug 2024 16:35

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Tgt Ion	95	Resp:	18201
Ion Ratio	100	Lower	Upper
95	100		
97	63.0	44.4	82.5
132	92.1	64.9	120.5
130	97.9	69.4	129.0



#35
Methylcyclohexane
Concen: 9.321 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV037134.D
Acq: 28 Aug 2024 16:35

Tgt Ion	83	Resp:	63248
Ion Ratio	100	Lower	Upper
83	100		
55	0.5	61.2	91.8#
98	0.6	39.3	58.9#

