

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050903.D
 Acq On : 22 Sep 2022 17:14
 Operator : JC/MD
 Sample : N4650-17DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ12DL

Quant Time: Sep 23 01:12:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

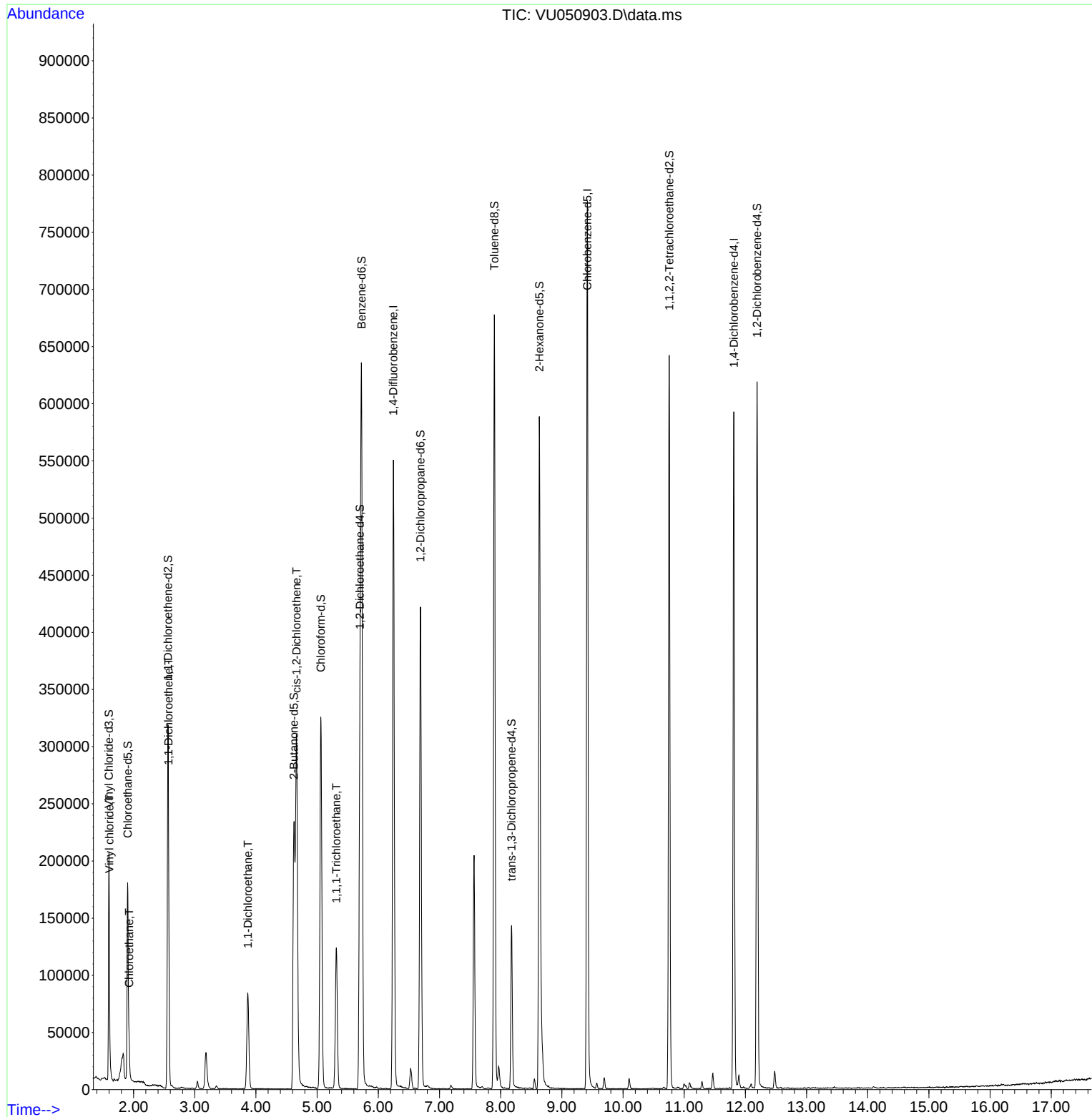
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	428898	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	421859	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154104	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	144768	32.579	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	65.160%	
7) Chloroethane-d5	1.903	69	129199	40.824	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	81.640%	
11) 1,1-Dichloroethene-d2	2.562	63	185463	26.823	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	53.640%#	
21) 2-Butanone-d5	4.620	46	314760	109.717	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	109.720%	
24) Chloroform-d	5.060	84	305911	43.929	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.860%	
26) 1,2-Dichloroethane-d4	5.700	65	200384	46.692	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.380%	
32) Benzene-d6	5.726	84	578218	41.613	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.220%	
36) 1,2-Dichloropropane-d6	6.690	67	207944	44.335	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.680%	
41) Toluene-d8	7.896	98	453806	37.362	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	74.720%#	
43) trans-1,3-Dichloroprop...	8.179	79	79123	38.778	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.560%	
47) 2-Hexanone-d5	8.632	63	181086	93.689	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.690%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	323918	45.298	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	159718	49.501	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	8665	1.714	ug/L #	66
8) Chloroethane	1.925	64	18984	6.784	ug/L	97
12) 1,1-Dichloroethene	2.572	96	3412	1.035	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	96643	14.152	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	151355	40.392	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	89188	15.891	ug/L	99

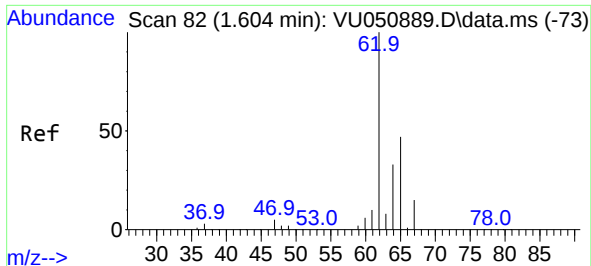
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 23 01:08:30 2022
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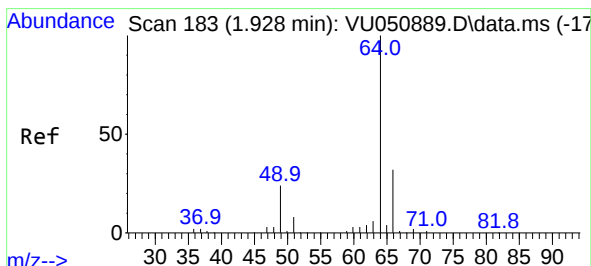
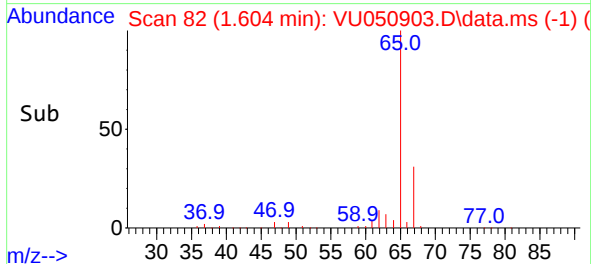
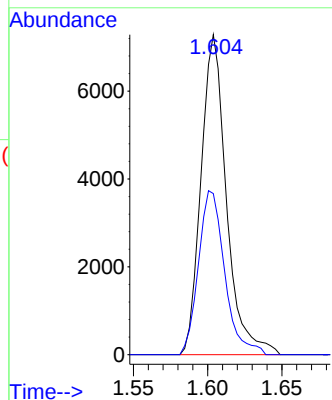
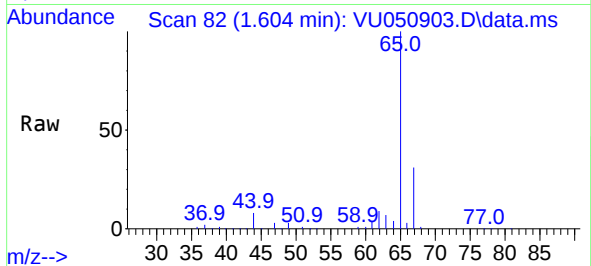




#5
 Vinyl chloride
 Concen: 1.714 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050903.D
 Acq: 22 Sep 2022 17:14

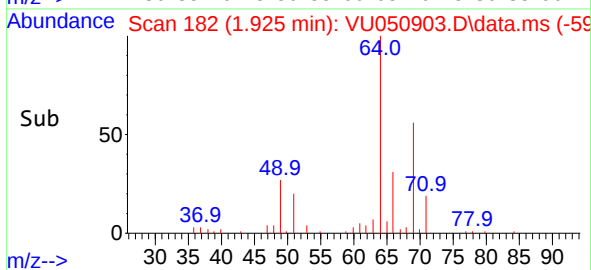
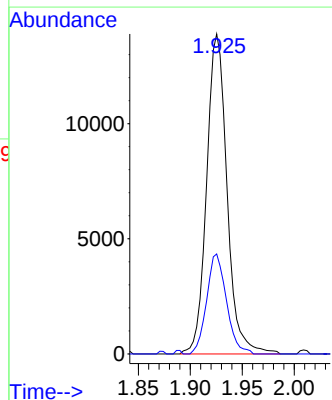
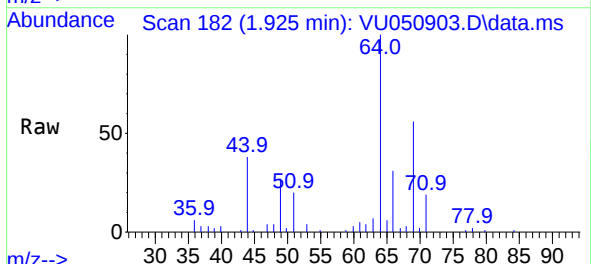
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ12DL

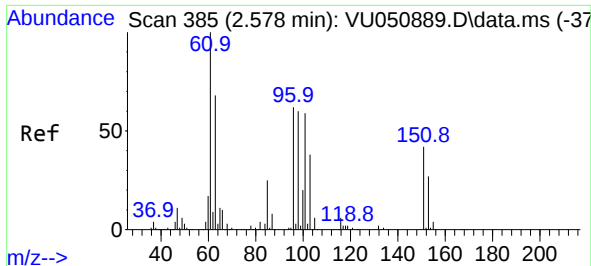
Tgt Ion: 62 Resp: 8665
 Ion Ratio Lower Upper
 62 100
 64 50.4 22.2 41.2#



#8
 Chloroethane
 Concen: 6.784 ug/L
 RT: 1.925 min Scan# 182
 Delta R.T. -0.003 min
 Lab File: VU050903.D
 Acq: 22 Sep 2022 17:14

Tgt Ion: 64 Resp: 18984
 Ion Ratio Lower Upper
 64 100
 66 31.2 22.9 42.5

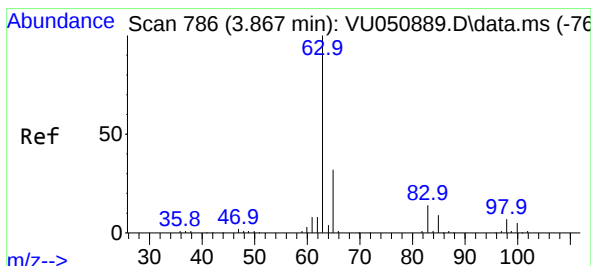
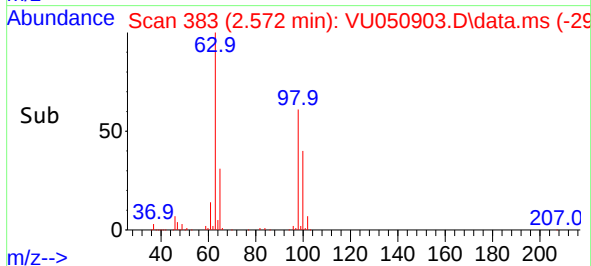
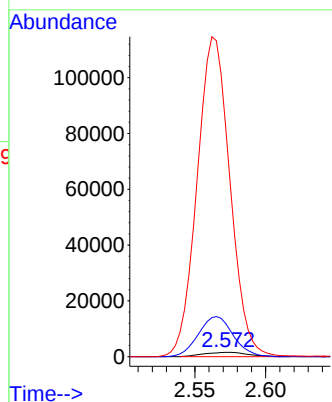
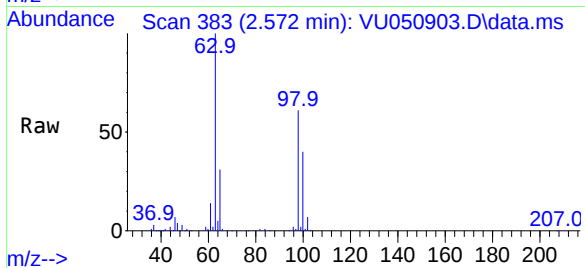




#12
1,1-Dichloroethene
Concen: 1.035 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.006 min
Lab File: VU050903.D
Acq: 22 Sep 2022 17:14

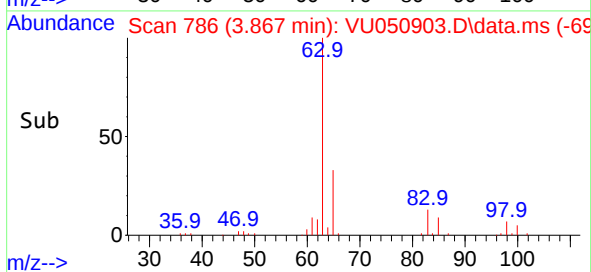
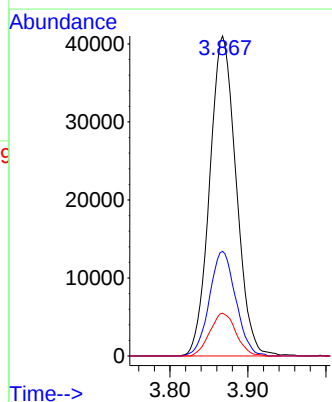
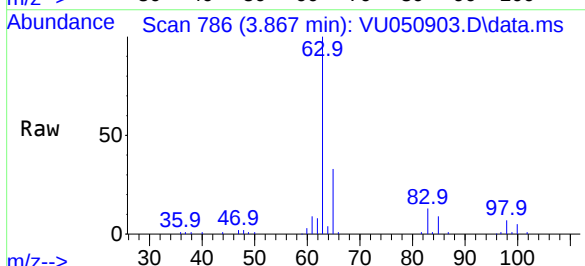
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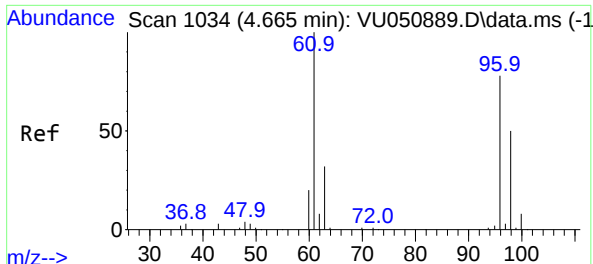
Tgt Ion: 96 Resp: 3412
Ion Ratio Lower Upper
96 100
61 767.4 118.6 220.2#
63 5325.8 90.4 168.0#



#19
1,1-Dichloroethane
Concen: 14.152 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050903.D
Acq: 22 Sep 2022 17:14

Tgt Ion: 63 Resp: 96643
Ion Ratio Lower Upper
63 100
65 32.7 21.5 39.9
83 13.4 9.3 17.3

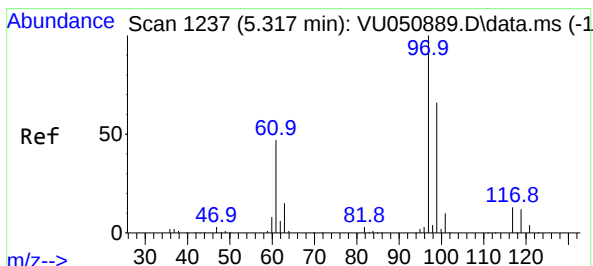
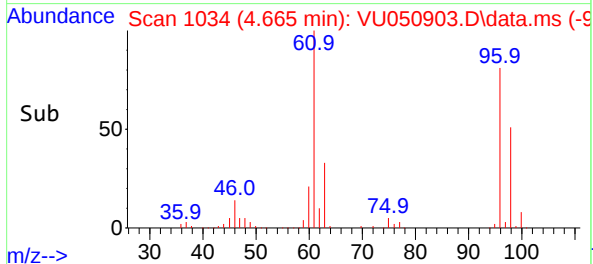
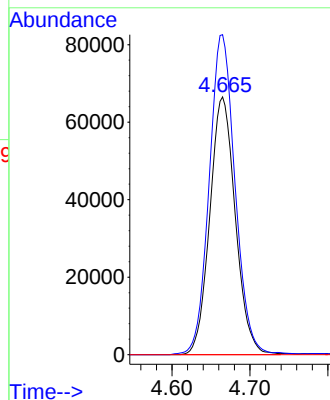
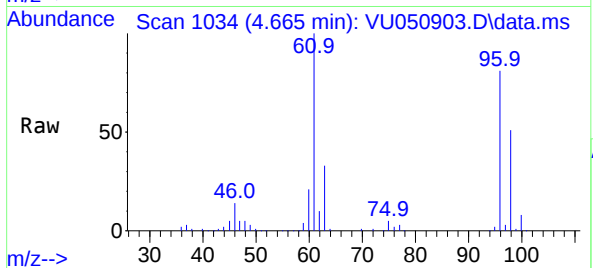




#20
 cis-1,2-Dichloroethene
 Concen: 40.392 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU050903.D
 Acq: 22 Sep 2022 17:14

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ12DL

Tgt Ion: 96 Resp: 151355
 Ion Ratio Lower Upper
 96 100
 61 124.1 90.1 167.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 15.891 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.003 min
 Lab File: VU050903.D
 Acq: 22 Sep 2022 17:14

Tgt Ion: 97 Resp: 89188
 Ion Ratio Lower Upper
 97 100
 99 63.8 52.2 78.2
 61 45.9 37.1 55.7

