

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055431.D
 Acq On : 20 Sep 2023 17:42
 Operator : MD/SY
 Sample : 04398-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P3DL

Quant Time: Sep 21 00:31:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

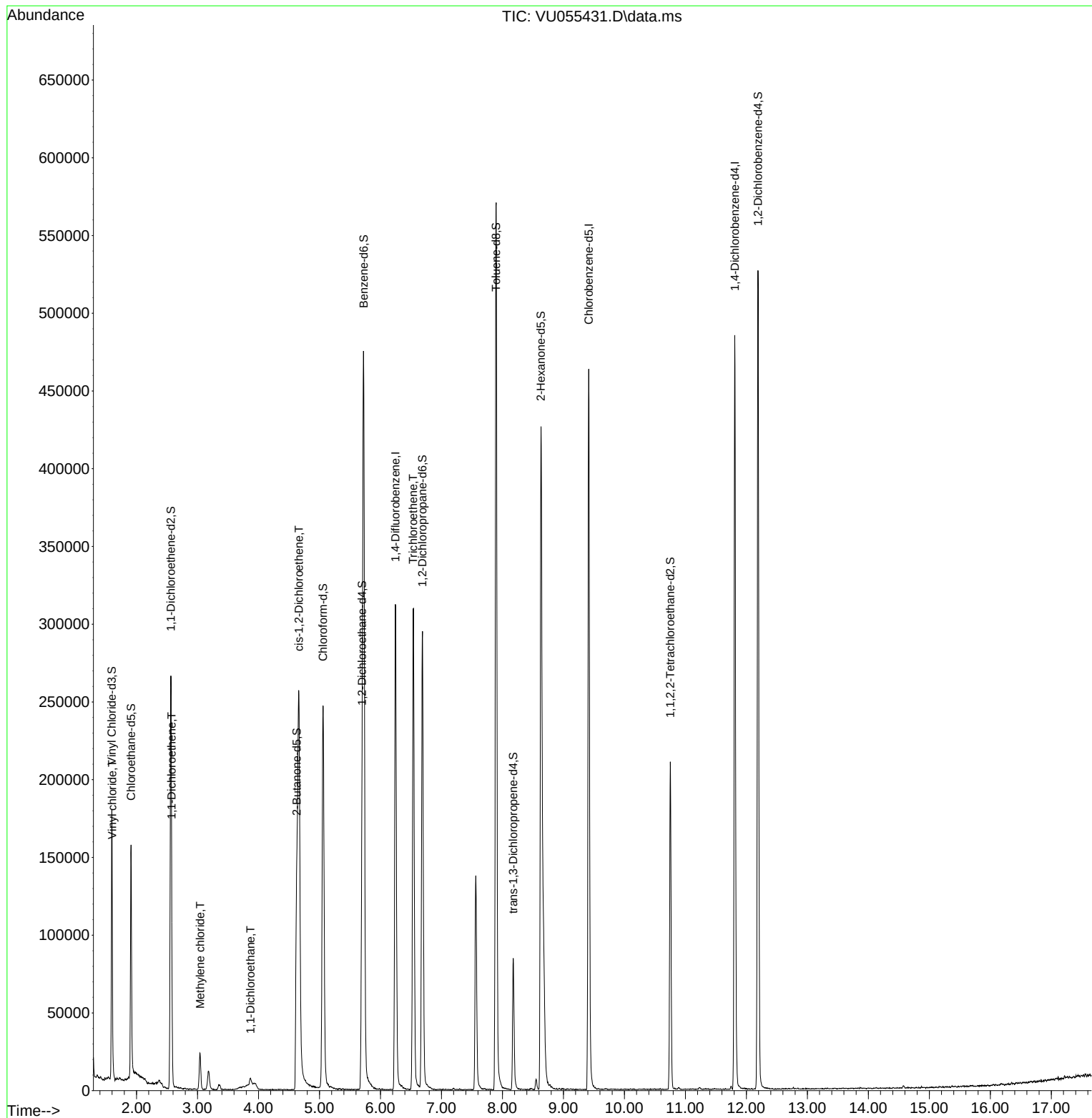
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	255769	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	265282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	127550	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	113941	4.408	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.911	69	105673	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.563	65	47670	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.628	46	244670	52.401	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.800%
24) Chloroform-d	5.058	84	234048	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.698	65	117729	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.724	84	461305	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.689	67	140022	5.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.897	98	401886	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.177	79	49076	5.044	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.631	63	132595	44.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	103013	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	140322	5.451	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	10752	0.455	ug/L #	80
12) 1,1-Dichloroethene	2.576	96	7778	0.435	ug/L #	1
16) Methylene chloride	3.042	84	11495	0.537	ug/L	95
19) 1,1-Dichloroethane	3.869	63	4678	0.140	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	109432	5.237	ug/L	97
34) Trichloroethene	6.537	95	107778	4.990	ug/L	96

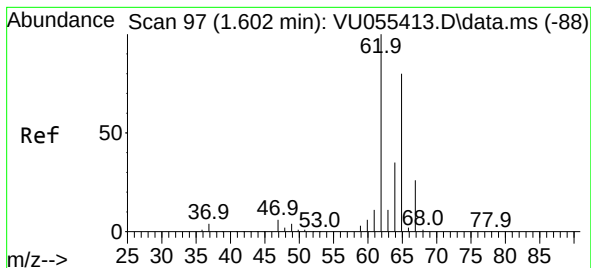
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 21 00:26:15 2023
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#5

Vinyl chloride

Concen: 0.455 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU055431.D

Acq: 20 Sep 2023 17:42

Instrument :

MSVOA_U

ClientSampleId :

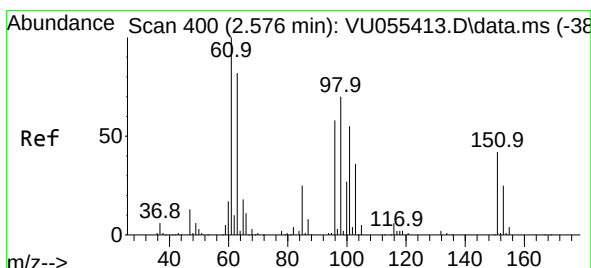
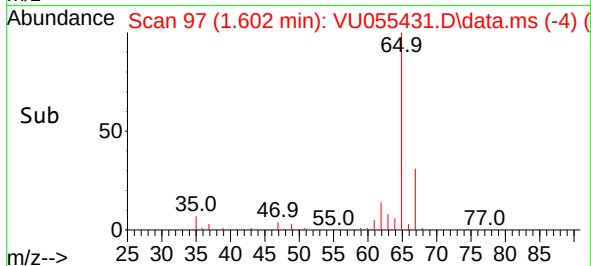
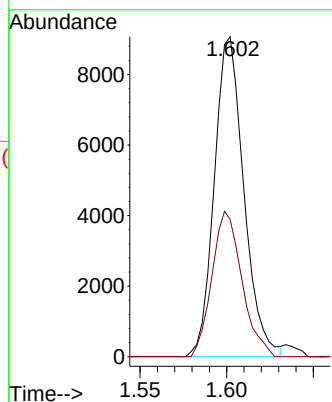
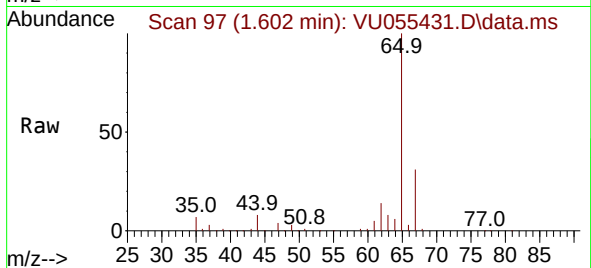
BH4P3DL

Tgt Ion: 62 Resp: 10752

Ion Ratio Lower Upper

62 100

64 42.9 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 0.435 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055431.D

Acq: 20 Sep 2023 17:42

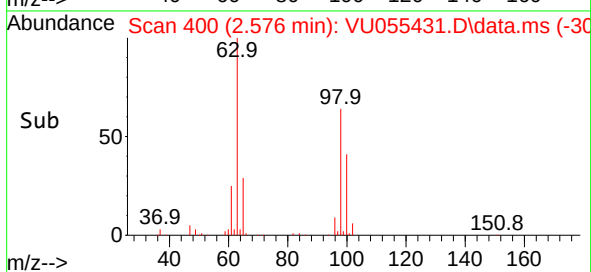
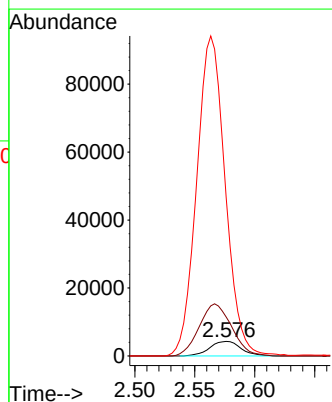
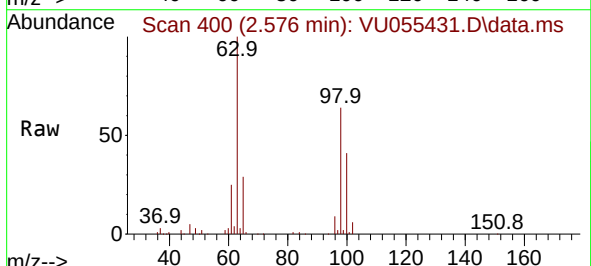
Tgt Ion: 96 Resp: 7778

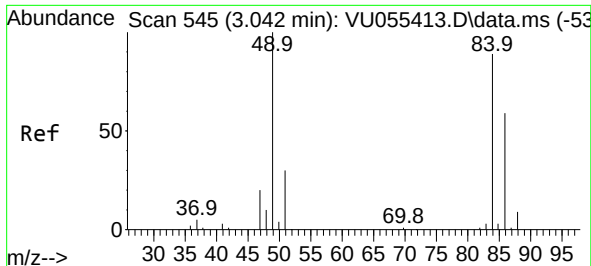
Ion Ratio Lower Upper

96 100

61 269.0 114.5 212.7#

63 1094.6 98.3 182.5#

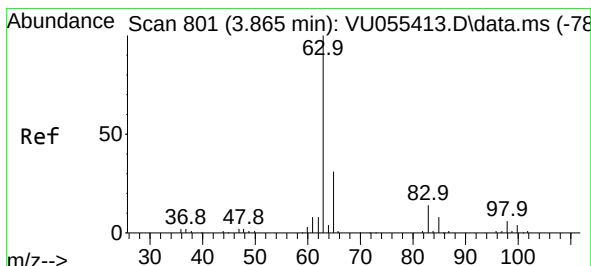
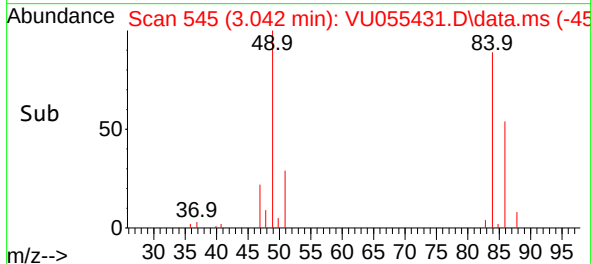
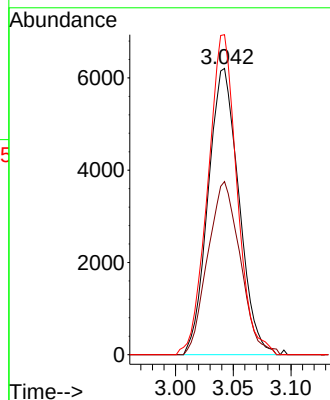
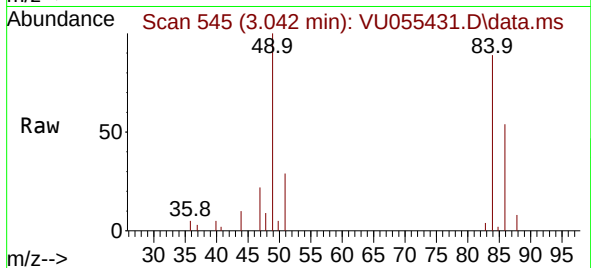




#16
Methylene chloride
Concen: 0.537 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055431.D
Acq: 20 Sep 2023 17:42

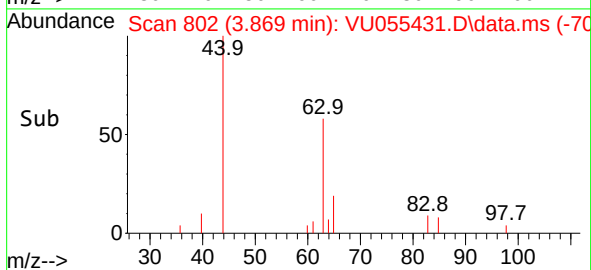
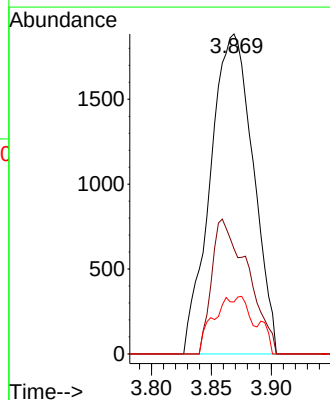
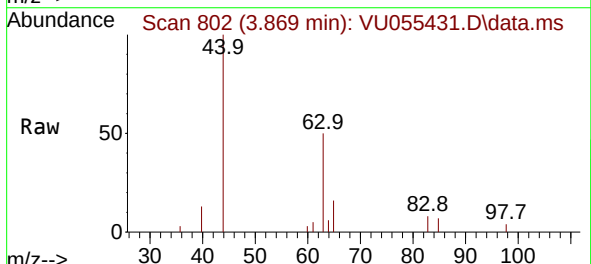
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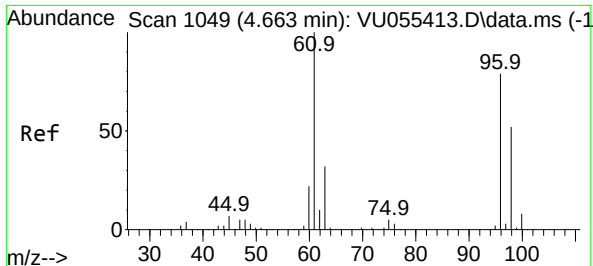
Tgt Ion: 84 Resp: 11495
Ion Ratio Lower Upper
84 100
86 60.5 44.9 83.3
49 117.5 78.8 146.3



#19
1,1-Dichloroethane
Concen: 0.140 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055431.D
Acq: 20 Sep 2023 17:42

Tgt Ion: 63 Resp: 4678
Ion Ratio Lower Upper
63 100
65 32.9 22.0 41.0
83 16.2 10.1 18.9

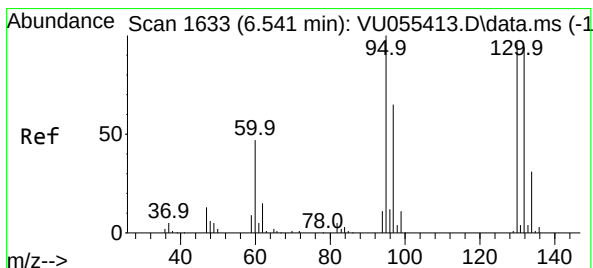
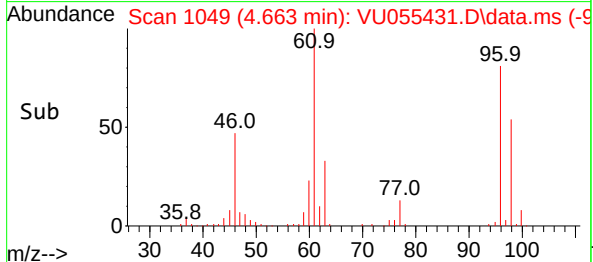
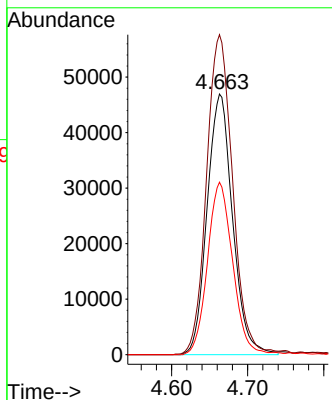
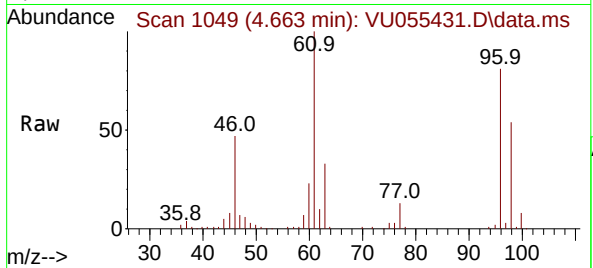




#22
 cis-1,2-Dichloroethene
 Concen: 5.237 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055431.D
 Acq: 20 Sep 2023 17:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P3DL

Tgt Ion: 96 Resp: 109432
 Ion Ratio Lower Upper
 96 100
 61 122.8 87.8 163.2
 98 66.2 44.4 82.4



#34
 Trichloroethene
 Concen: 4.990 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.003 min
 Lab File: VU055431.D
 Acq: 20 Sep 2023 17:42

Tgt Ion: 95 Resp: 107778
 Ion Ratio Lower Upper
 95 100
 97 63.3 45.4 84.2
 132 88.8 65.2 121.2
 130 95.1 69.1 128.3

