

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050425.D
 Acq On : 24 Aug 2022 15:00
 Operator : SY/MD
 Sample : VU0824WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 05:18:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

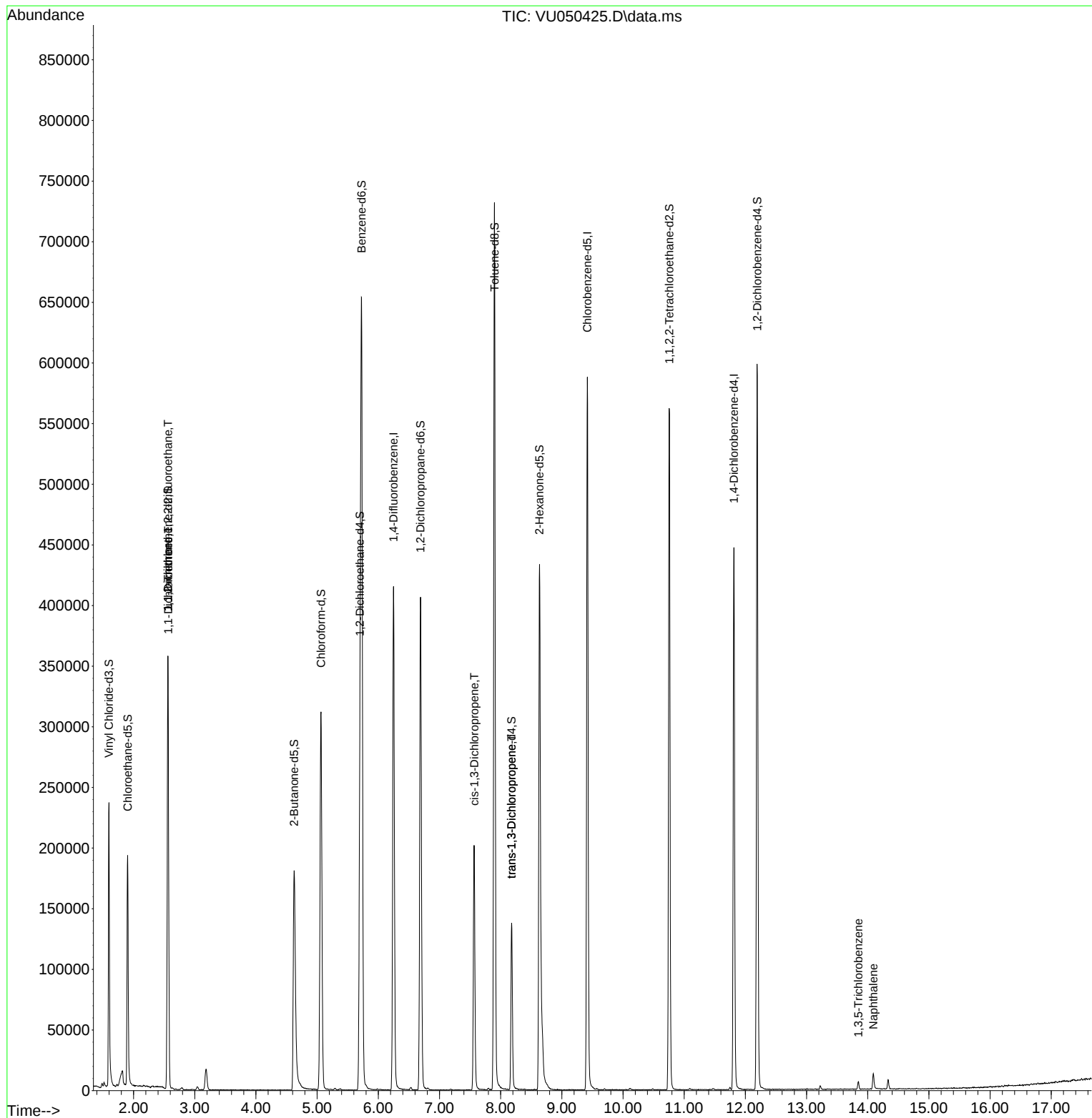
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	335765	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	122347	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	181496	45.715	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.420%	
7) Chloroethane-d5	1.903	69	148363	50.503	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.562	63	211415	37.680	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.360%	
21) 2-Butanone-d5	4.623	46	263334	101.335	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.330%	
24) Chloroform-d	5.063	84	294537	46.215	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.440%	
26) 1,2-Dichloroethane-d4	5.700	65	191089	48.243	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.480%	
32) Benzene-d6	5.726	84	608323	49.619	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.240%	
36) 1,2-Dichloropropane-d6	6.690	67	200948	49.477	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.960%	
41) Toluene-d8	7.899	98	496460	46.278	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.560%	
43) trans-1,3-Dichloroprop...	8.179	79	77549	45.774	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.540%	
47) 2-Hexanone-d5	8.632	63	141117	93.627	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.630%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	290651	46.397	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	157876	54.019	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.040%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1982	0.851	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1635	0.794	ug/L #	1
39) cis-1,3-Dichloropropene	7.568	75	5295	1.382	ug/L #	52
44) trans-1,3-Dichloropropene	8.179	75	3565	0.998	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.848	180	2462	0.965	ug/L	94
71) Naphthalene	14.092	128	12562	1.875	ug/L #	92

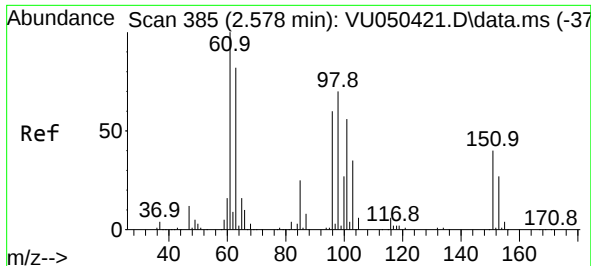
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 25 05:03:52 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.851 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050425.D

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MSVOA_U

ClientSampleId :

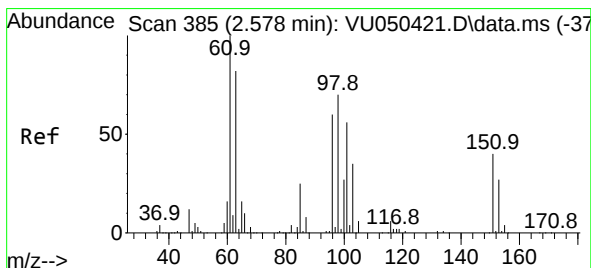
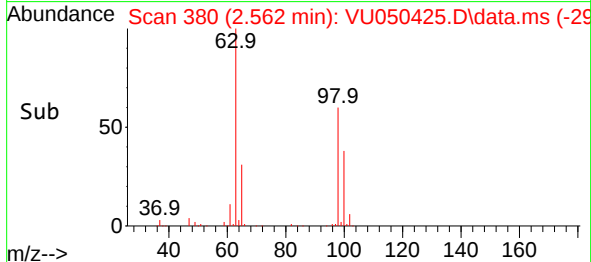
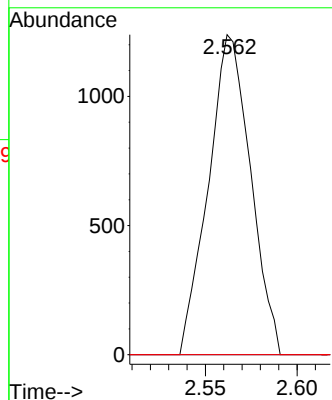
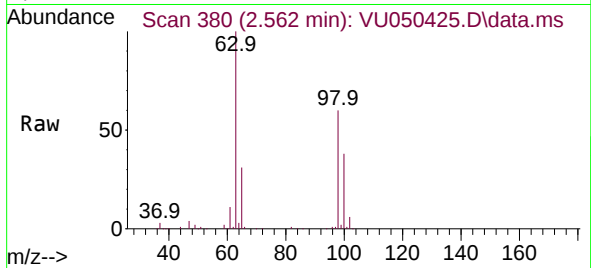
Tgt Ion:101 Resp: 1982

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 0.0 57.3 85.9#



#12

1,1-Dichloroethene

Concen: 0.794 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050425.D

Acq: 24 Aug 2022 15:00

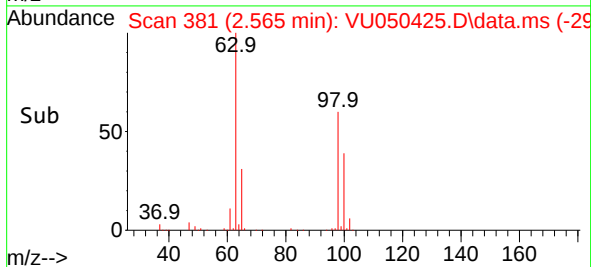
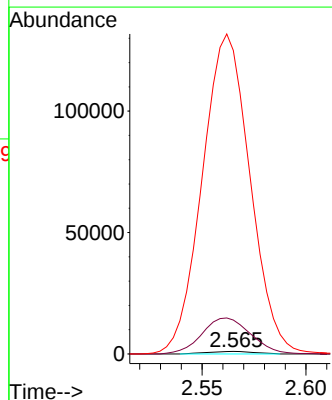
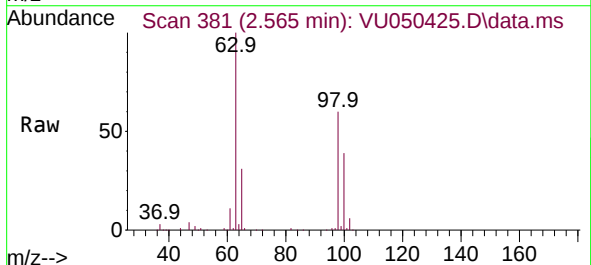
Tgt Ion: 96 Resp: 1635

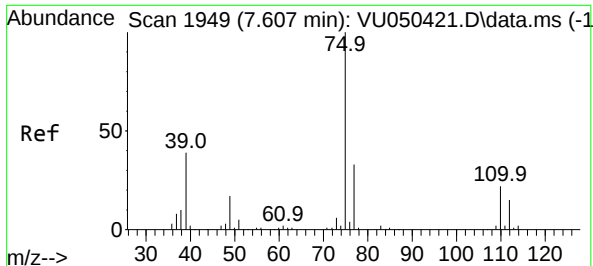
Ion Ratio Lower Upper

96 100

61 1331.6 116.8 216.8#

63 11901.0 97.4 180.8#





#39

cis-1,3-Dichloropropene

Concen: 1.382 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050425.D

Acq: 24 Aug 2022 15:00

Instrument :

MSVOA_U

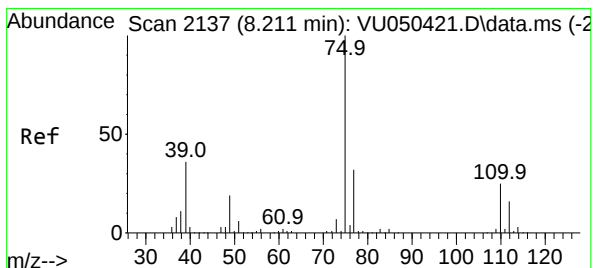
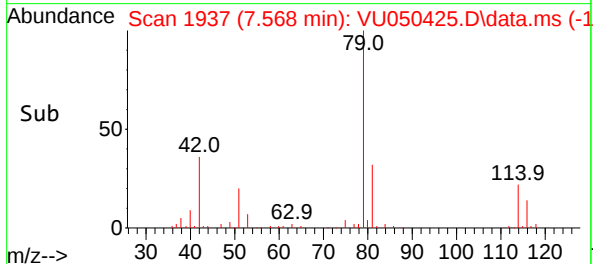
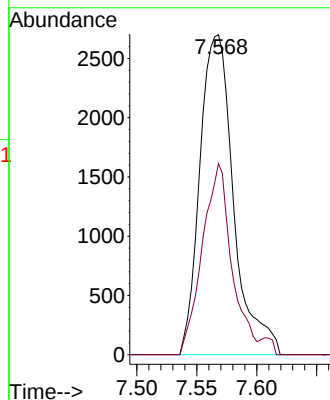
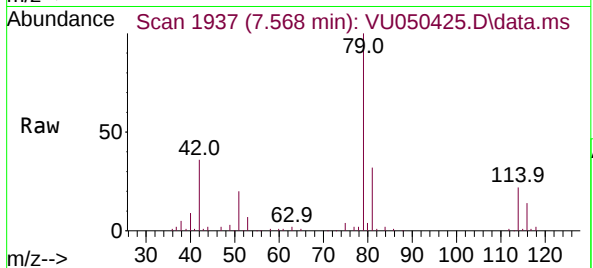
ClientSampleId :

Tgt Ion: 75 Resp: 5295

Ion Ratio Lower Upper

75 100

77 59.7 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.998 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050425.D

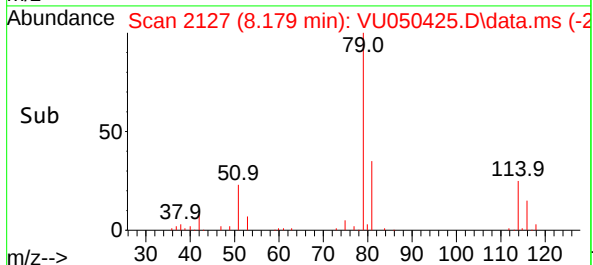
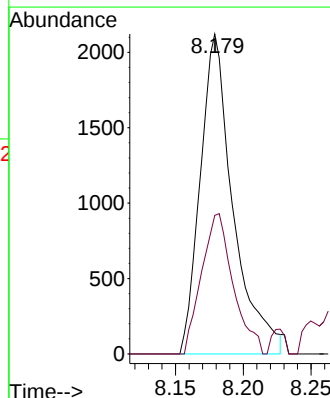
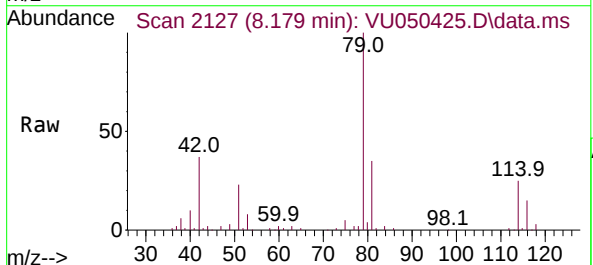
Acq: 24 Aug 2022 15:00

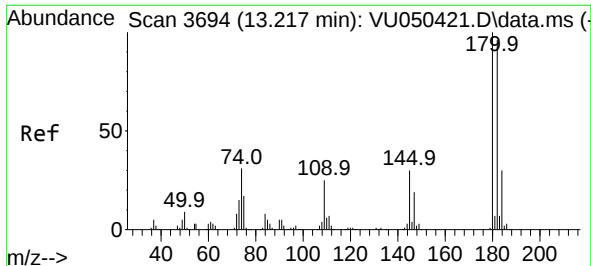
Tgt Ion: 75 Resp: 3565

Ion Ratio Lower Upper

75 100

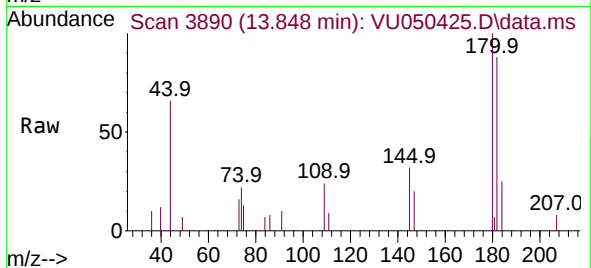
77 43.3 22.5 41.7#



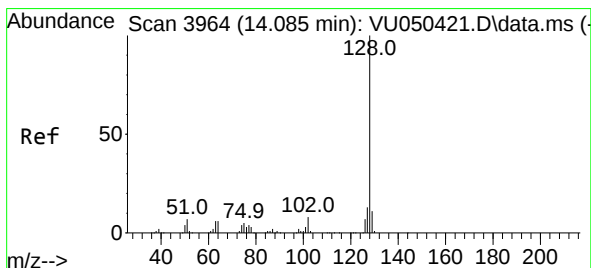
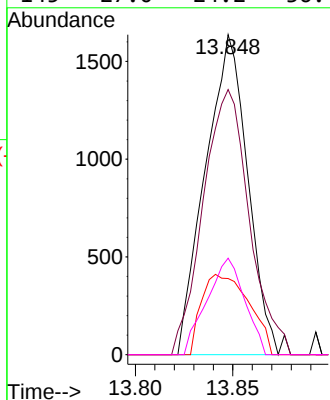
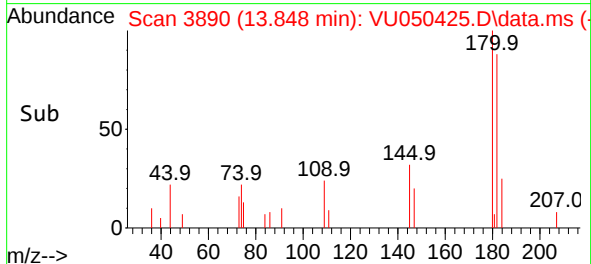


#69
1,3,5-Trichlorobenzene
Concen: 0.965 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.630 min
Lab File: VU050425.D
Acq: 24 Aug 2022 15:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	180	Resp:	2462
Ion Ratio	Lower	Upper	
180	100		
182	90.4	77.0	115.6
184	28.3	24.1	36.1
145	27.0	24.2	36.4



#71
Naphthalene
Concen: 1.875 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU050425.D
Acq: 24 Aug 2022 15:00

Tgt Ion:	128	Resp:	12562
Ion Ratio	Lower	Upper	
128	100		
127	9.7	10.5	15.7#
129	8.6	8.8	13.2#

