

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052828.D
 Acq On : 26 Jan 2023 19:59
 Operator : JC/MD
 Sample : 01316-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 27 04:36:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:23:26 2023
 Response via : Initial Calibration

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

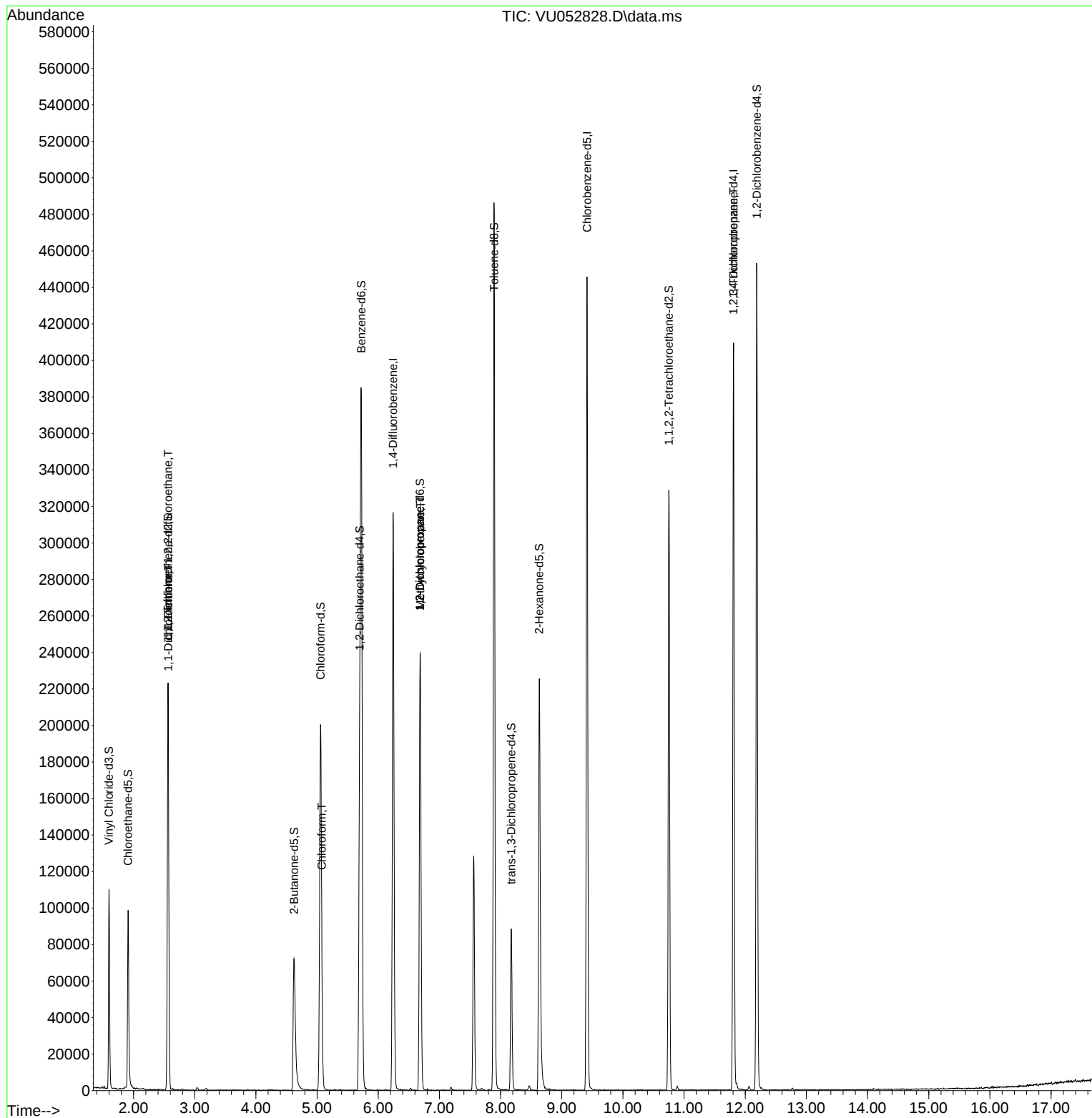
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	261251	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	253235	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	83370	44.337	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.680%
7) Chloroethane-d5	1.909	69	72792	46.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	2.565	63	132400	35.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.800%
21) 2-Butanone-d5	4.623	46	111040	95.592	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.590%
24) Chloroform-d	5.057	84	190836	47.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.100%
26) 1,2-Dichloroethane-d4	5.697	65	124692	48.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
32) Benzene-d6	5.722	84	371905	48.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
36) 1,2-Dichloropropane-d6	6.684	67	110629	48.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.520%
41) Toluene-d8	7.893	98	319327	45.327	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.660%
43) trans-1,3-Dichloroprop...	8.176	79	52835	46.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.920%
47) 2-Hexanone-d5	8.632	63	76734	96.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	155660	46.431	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.860%
66) 1,2-Dichlorobenzene-d4	12.188	152	121237	55.076	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.160%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1331	0.632	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1248	0.646	ug/L #	1
25) Chloroform	5.076	83	7138	1.736	ug/L	98
35) Methylcyclohexane	6.687	83	28313	8.165	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	12319	5.813	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	11340	5.157	ug/L #	63

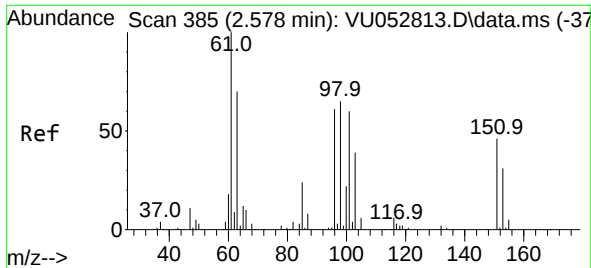
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 27 04:23:26 2023
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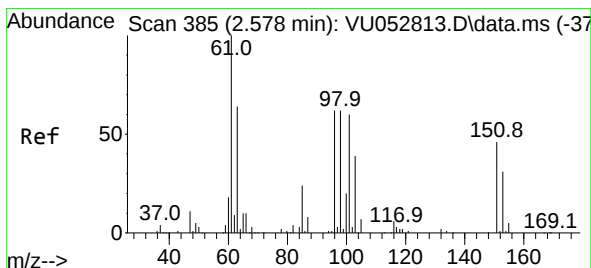
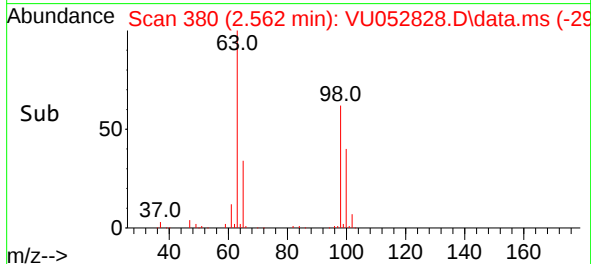
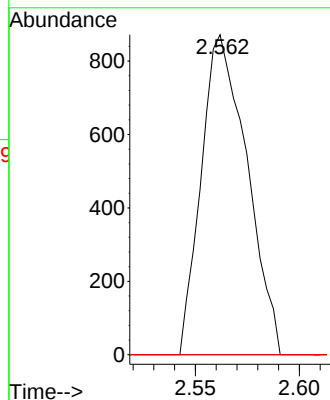
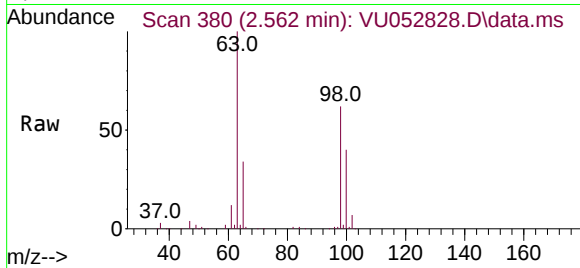




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.632 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU052828.D
 Acq: 26 Jan 2023 19:59

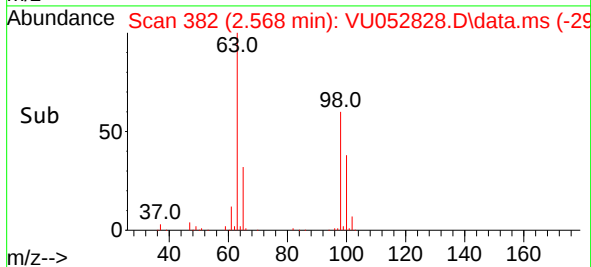
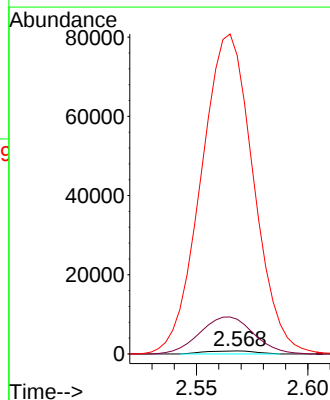
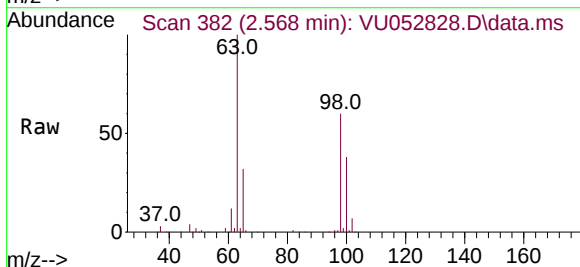
Instrument :
 MSVOA_U
 ClientSampleId :

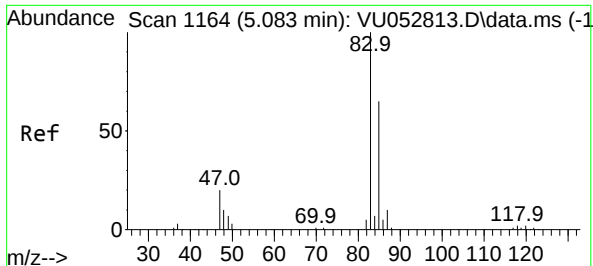
Tgt Ion:101 Resp: 1331
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.9 49.3#
 151 0.0 62.6 94.0#



#12
 1,1-Dichloroethene
 Concen: 0.646 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU052828.D
 Acq: 26 Jan 2023 19:59

Tgt Ion: 96 Resp: 1248
 Ion Ratio Lower Upper
 96 100
 61 1119.9 114.3 212.3#
 63 9643.0 80.6 149.6#





#25

Chloroform

Concen: 1.736 ug/L

RT: 5.076 min Scan# 1162

Delta R.T. -0.007 min

Lab File: VU052828.D

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Instrument :

MSVOA_U

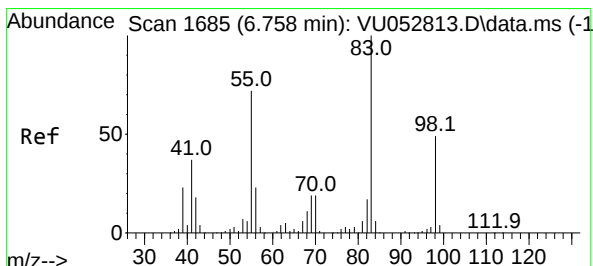
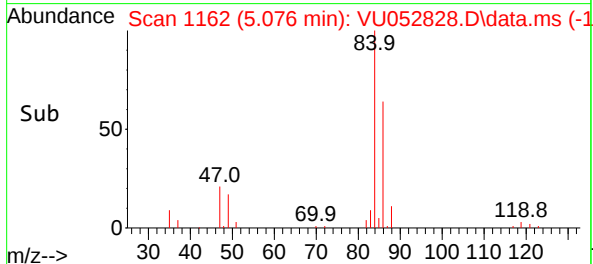
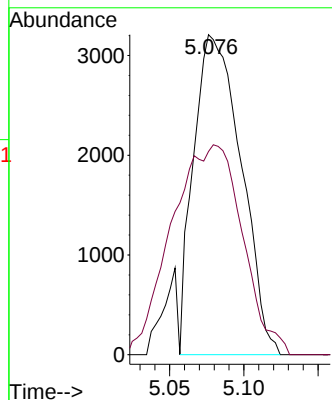
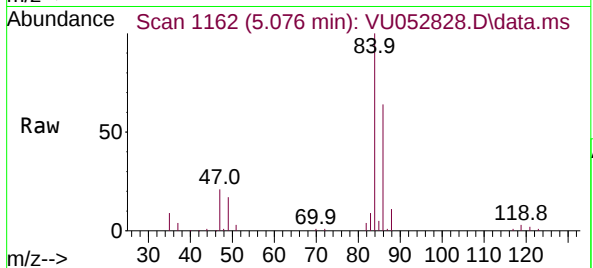
ClientSampleId :

Tgt Ion: 83 Resp: 7138

Ion Ratio Lower Upper

83 100

85 63.5 45.8 85.0



#35

Methylcyclohexane

Concen: 8.165 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU052828.D

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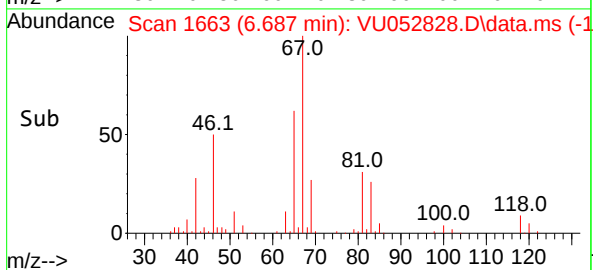
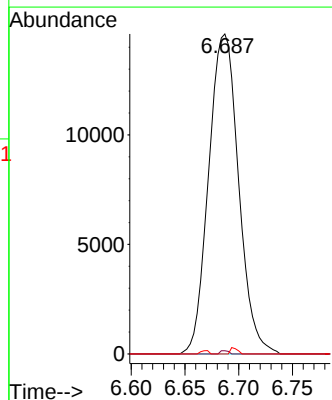
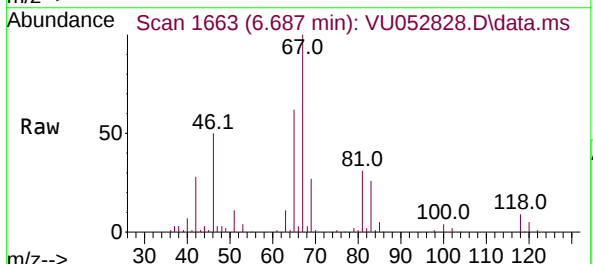
Tgt Ion: 83 Resp: 28313

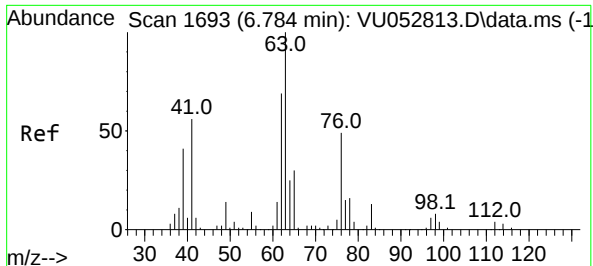
Ion Ratio Lower Upper

83 100

55 0.3 57.1 85.7#

98 0.5 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 5.813 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052828.D

Acq: 26 Jan 2023 19:59

Instrument :

MSVOA_U

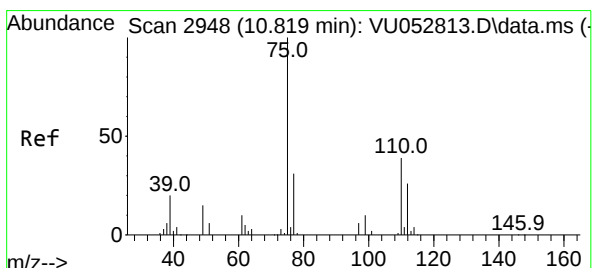
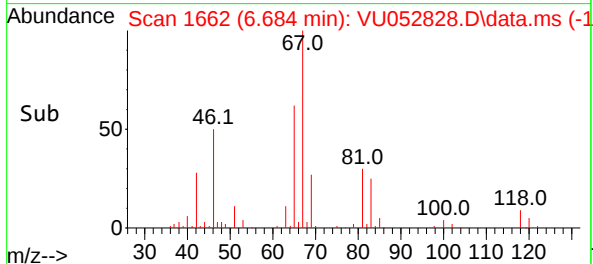
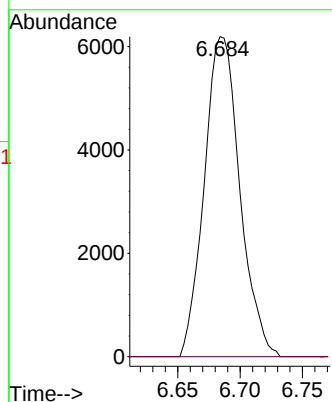
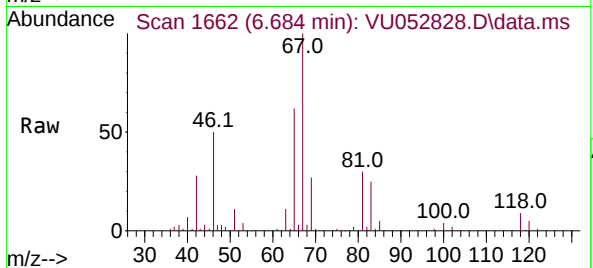
ClientSampleId :

Tgt Ion: 63 Resp: 12319

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#60

1,2,3-Trichloropropane

Concen: 5.157 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052828.D

Acq: 26 Jan 2023 19:59

Tgt Ion: 75 Resp: 11340

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.8

110 1.9 32.4 48.6#

