

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050428.D
 Acq On : 24 Aug 2022 16:25
 Operator : SY/MD
 Sample : N4319-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 05:32:13 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)

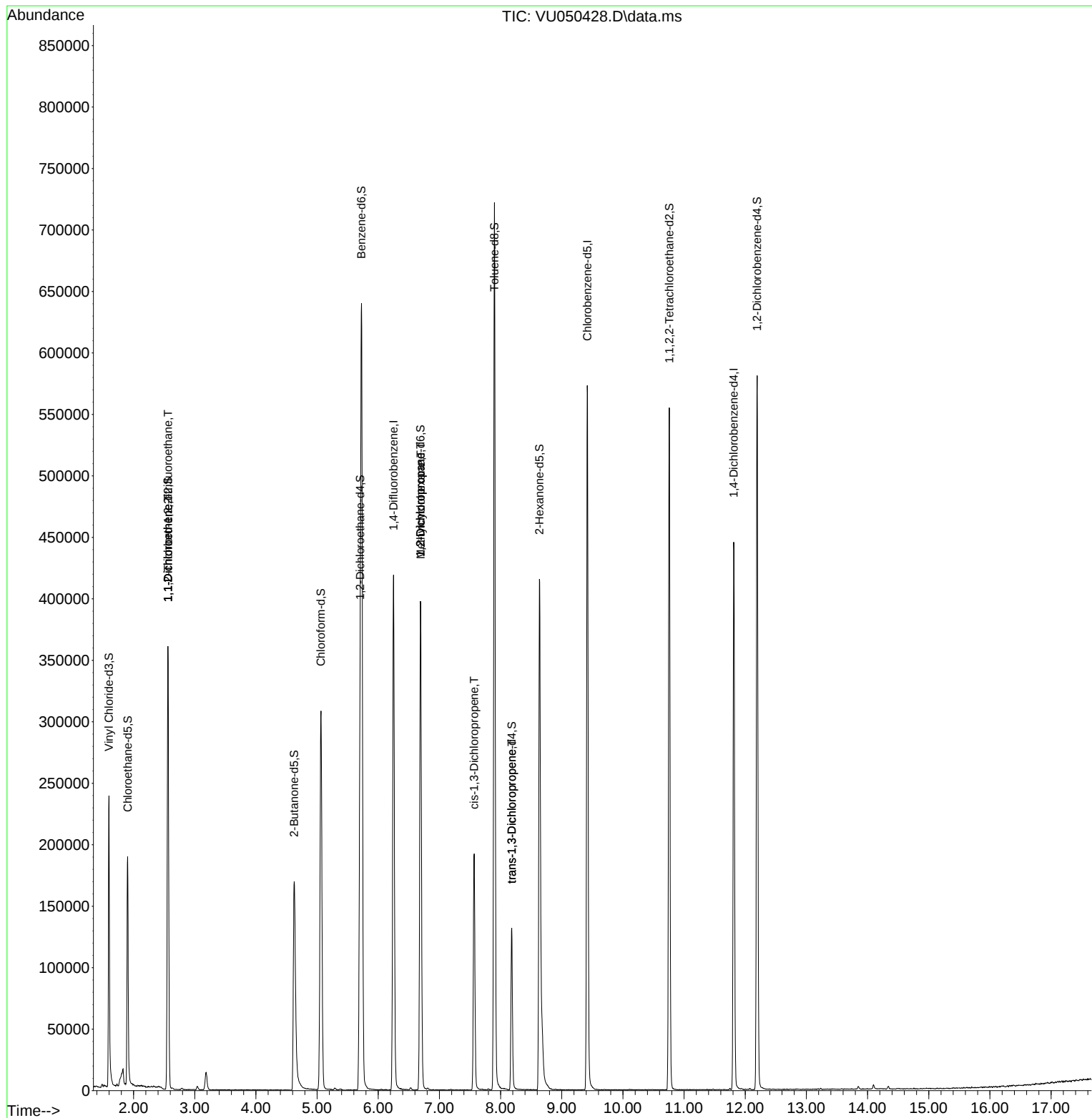
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	339568	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	330259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	120186	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	184754	46.014	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.020%		
7) Chloroethane-d5	1.903	69	146066	49.164	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.320%		
11) 1,1-Dichloroethene-d2	2.562	63	212259	37.407	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.820%		
21) 2-Butanone-d5	4.626	46	251524	95.706	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.710%		
24) Chloroform-d	5.063	84	290151	45.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.040%		
26) 1,2-Dichloroethane-d4	5.703	65	186452	46.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.100%		
32) Benzene-d6	5.726	84	596929	48.917	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.840%		
36) 1,2-Dichloropropane-d6	6.690	67	195799	48.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.860%		
41) Toluene-d8	7.899	98	488232	45.724	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.440%		
43) trans-1,3-Dichloroprop...	8.182	79	75509	44.778	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.560%		
47) 2-Hexanone-d5	8.636	63	137128	91.405	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.410%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	284359	45.605	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	155001	53.989	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.980%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2014	0.855	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1945	0.934	ug/L #	1
35) Methylcyclohexane	6.693	83	44597	13.475	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	21003	7.231	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	4587	1.203	ug/L #	78
44) trans-1,3-Dichloropropene	8.182	75	2925	0.823	ug/L #	67

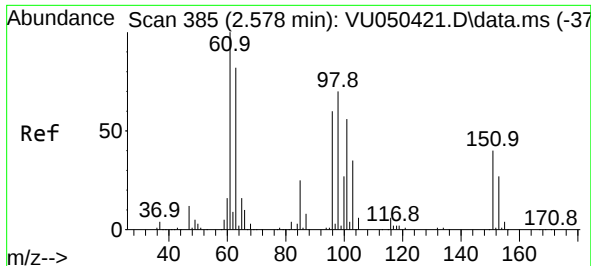
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 25 05:03:52 2022
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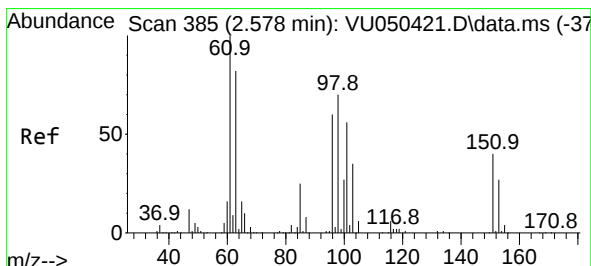
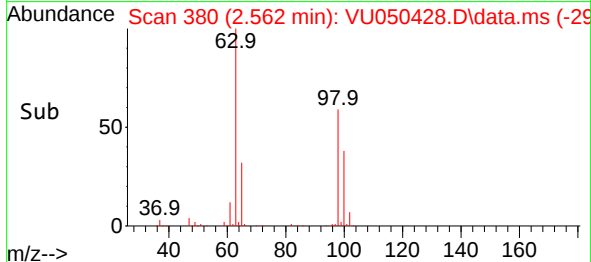
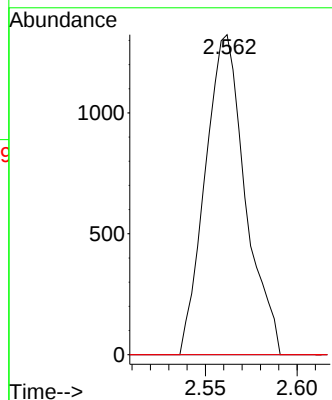
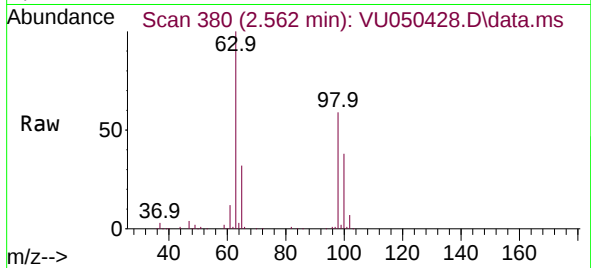




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.855 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050428.D
 Acq: 24 Aug 2022 16:25

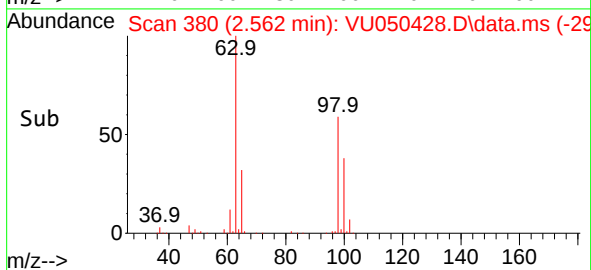
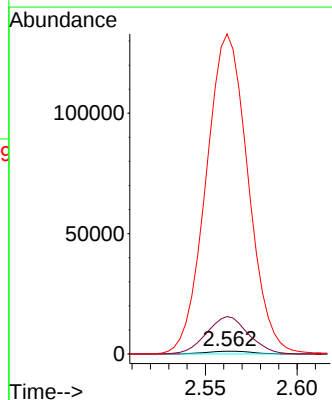
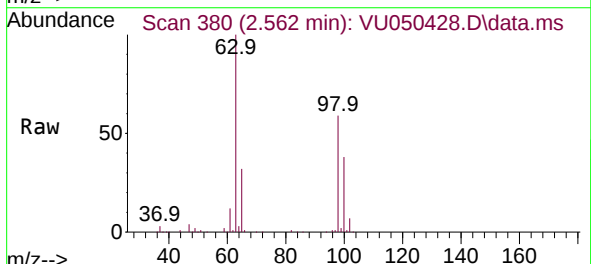
Instrument :
 MSVOA_U
 ClientSampleId :

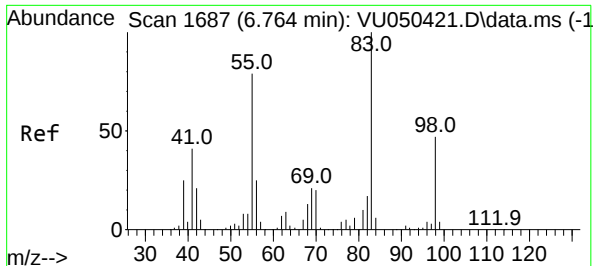
Tgt Ion:101 Resp: 2014
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 57.3 85.9#



#12
 1,1-Dichloroethene
 Concen: 0.934 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050428.D
 Acq: 24 Aug 2022 16:25

Tgt Ion: 96 Resp: 1945
 Ion Ratio Lower Upper
 96 100
 61 1382.7 116.8 216.8#
 63 11794.9 97.4 180.8#





#35

Methylcyclohexane

Concen: 13.475 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050428.D

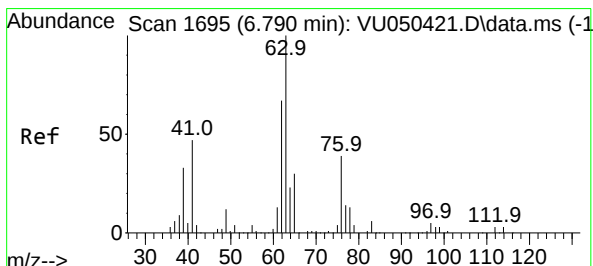
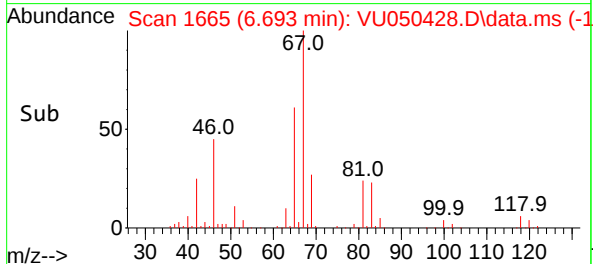
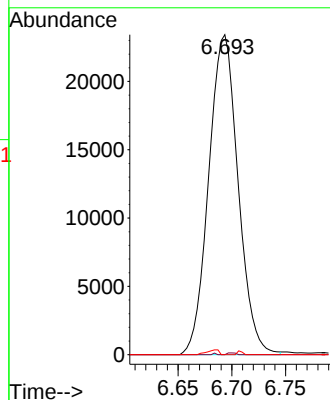
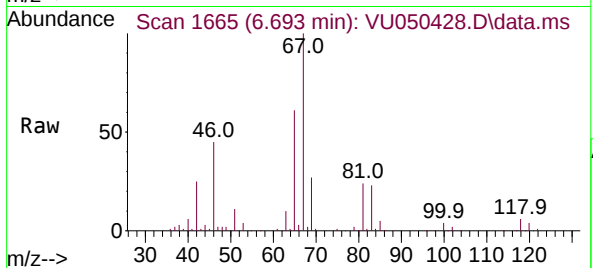
Acq: 24 Aug 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	44597
Ion Ratio	Lower	Upper	
83	100		
55	0.2	61.9	92.9#
98	0.6	35.8	53.8#



#37

1,2-Dichloropropane

Concen: 7.231 ug/L

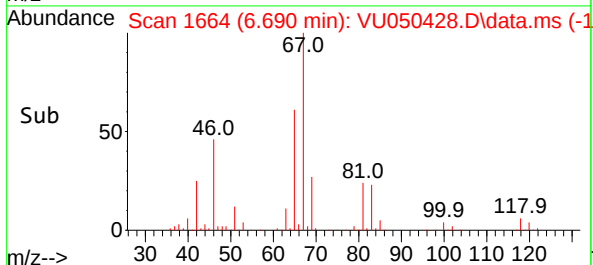
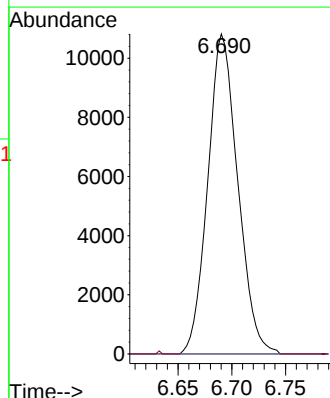
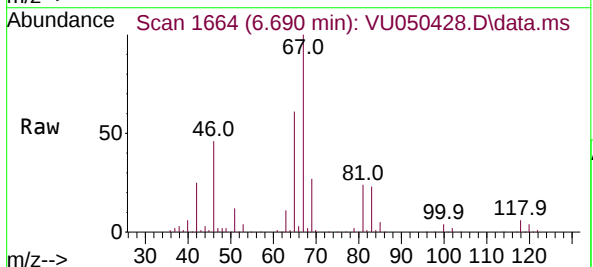
RT: 6.690 min Scan# 1664

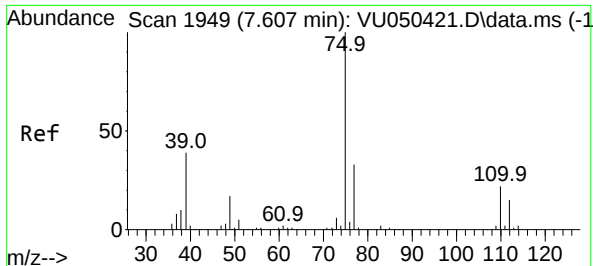
Delta R.T. -0.100 min

Lab File: VU050428.D

Acq: 24 Aug 2022 16:25

Tgt Ion:	63	Resp:	21003
Ion Ratio	Lower	Upper	
63	100		
112	0.2	3.0	4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.203 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050428.D

Acq: 24 Aug 2022 16:25

Instrument :

MSVOA_U

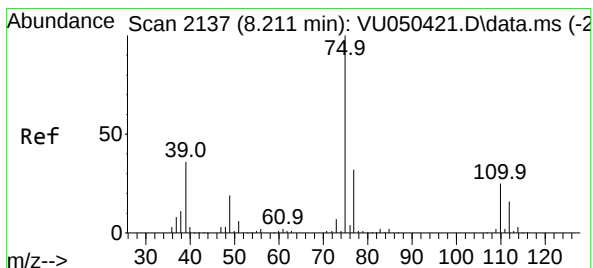
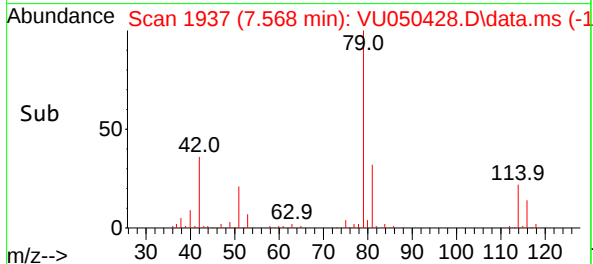
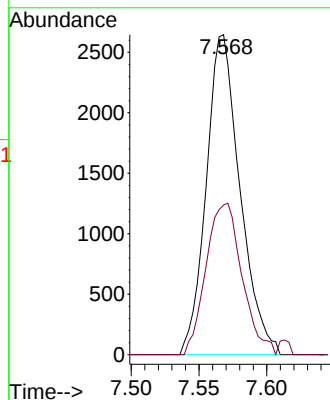
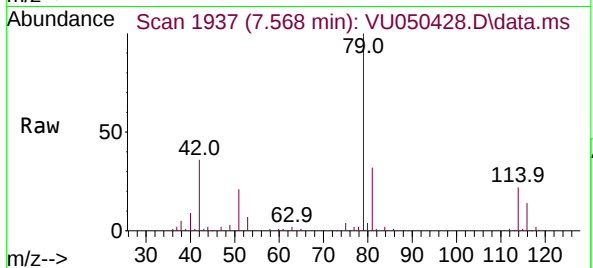
ClientSampleId :

Tgt Ion: 75 Resp: 4587

Ion Ratio Lower Upper

75 100

77 45.0 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU050428.D

Acq: 24 Aug 2022 16:25

Tgt Ion: 75 Resp: 2925

Ion Ratio Lower Upper

75 100

77 50.4 22.5 41.7#

