

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048432.D
 Acq On : 05 May 2022 11:48
 Operator : SY/MD
 Sample : N2668-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 06 05:38:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

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

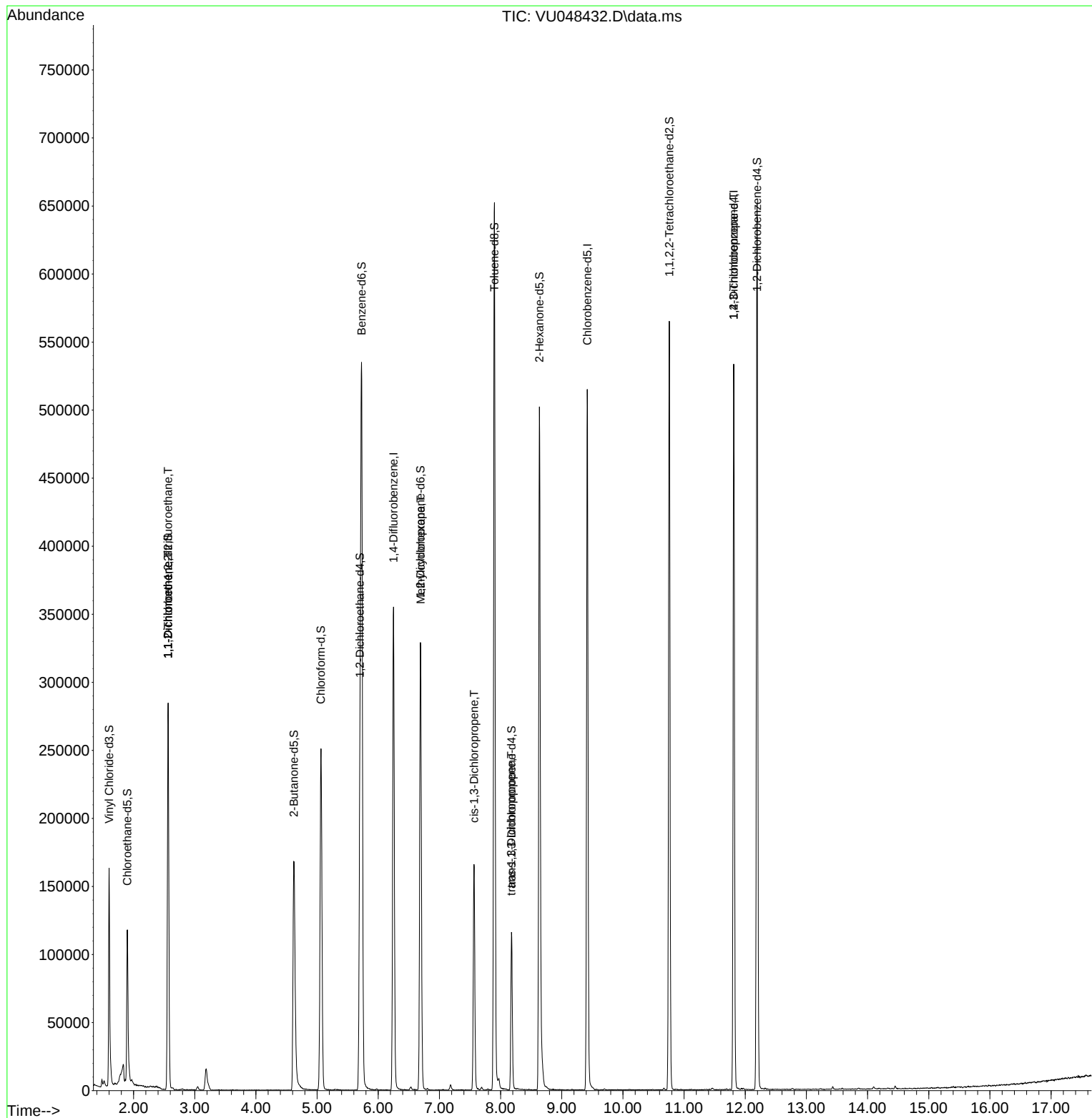
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	313443	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	319593	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157204	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	133870	46.445	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.900%	
7) Chloroethane-d5	1.896	69	100340	49.594	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	99.180%	
11) 1,1-Dichloroethene-d2	2.565	63	162587	35.205	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.400%	
21) 2-Butanone-d5	4.620	46	246236	100.163	ug/L	-0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.160%	
24) Chloroform-d	5.063	84	239642	45.838	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.680%	
26) 1,2-Dichloroethane-d4	5.700	65	152529	49.172	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.340%	
32) Benzene-d6	5.729	84	524422	52.028	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.060%	
36) 1,2-Dichloropropane-d6	6.690	67	172317	51.711	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.420%	
41) Toluene-d8	7.899	98	451305	49.396	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.800%	
43) trans-1,3-Dichloroprop...	8.179	79	68457	46.557	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.120%	
47) 2-Hexanone-d5	8.636	63	173445	96.473	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.470%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	284535	48.686	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.380%	
66) 1,2-Dichlorobenzene-d4	12.195	152	191049	54.024	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-...	2.565	101	1786	0.756	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1334	0.647	ug/L #	1
35) Methylcyclohexane	6.693	83	38969	11.968	ug/L #	20
39) cis-1,3-Dichloropropene	7.568	75	3321	0.877	ug/L #	64
44) trans-1,3-Dichloropropene	8.176	75	2701	0.730	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	15270	4.164	ug/L #	66

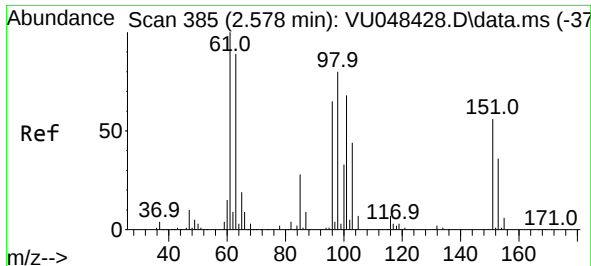
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 06 05:30:23 2022
Response via : Initial Calibration





#10

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

Concen: 0.756 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU048432.D

Acq: 05 May 2022 11:48

Instrument :

MSVOA_U

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VHBLK001

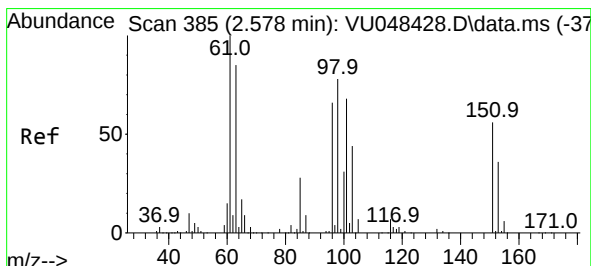
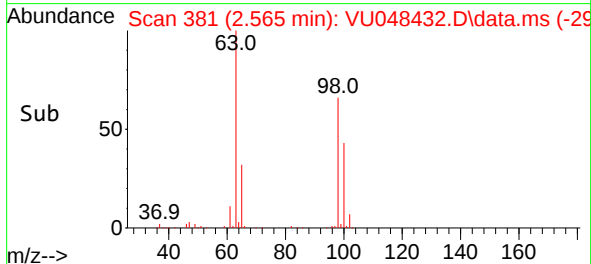
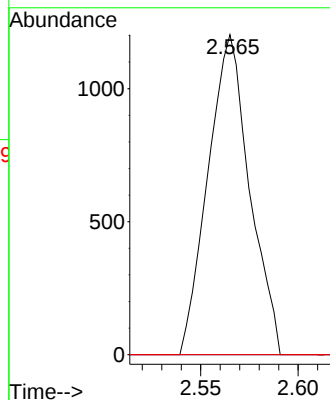
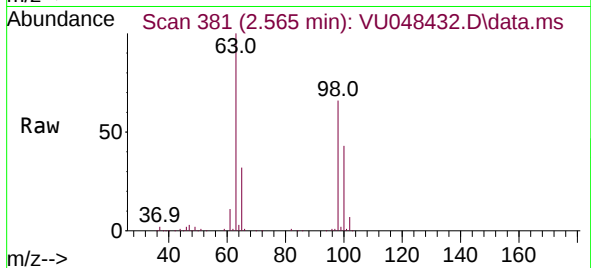
Tgt Ion:101 Resp: 1786

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 0.0 64.1 96.1#



#12

1,1-Dichloroethene

Concen: 0.647 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU048432.D

Acq: 05 May 2022 11:48

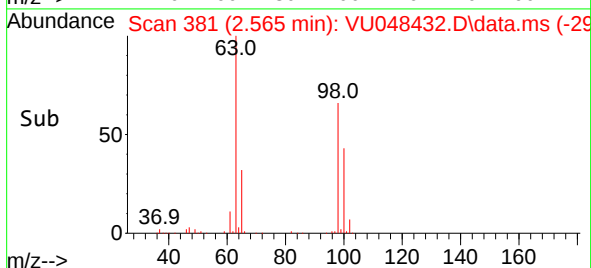
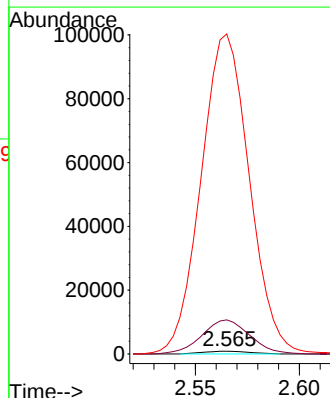
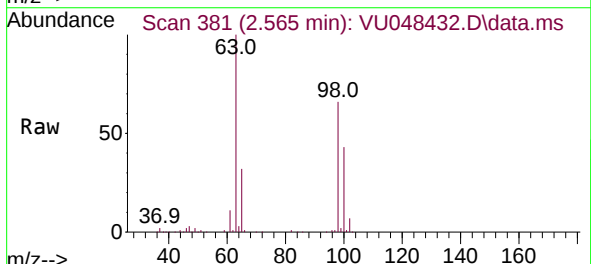
Tgt Ion: 96 Resp: 1334

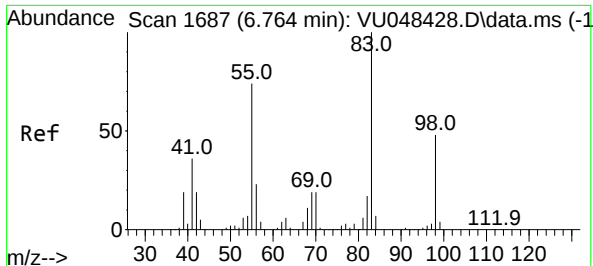
Ion Ratio Lower Upper

96 100

61 1231.0 107.9 200.3#

63 11570.0 80.3 149.1#





#35

Methylcyclohexane

Concen: 11.968 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU048432.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

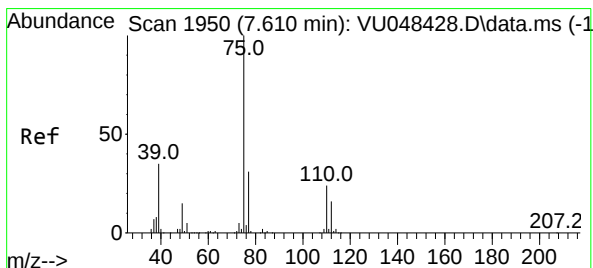
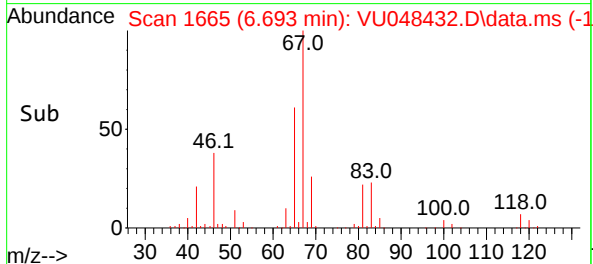
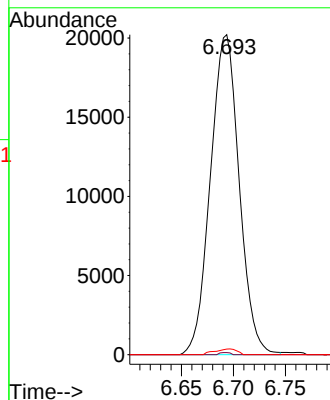
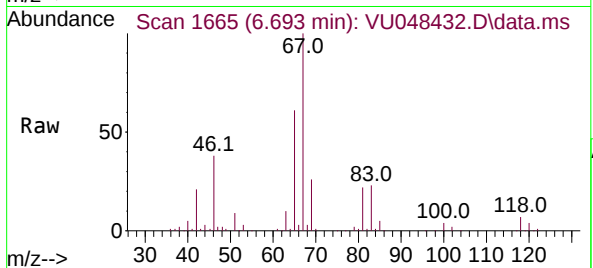
Tgt Ion: 83 Resp: 38969

Ion Ratio Lower Upper

83 100

55 0.2 59.4 89.2#

98 1.4 37.3 55.9#



#39

cis-1,3-Dichloropropene

Concen: 0.877 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048432.D

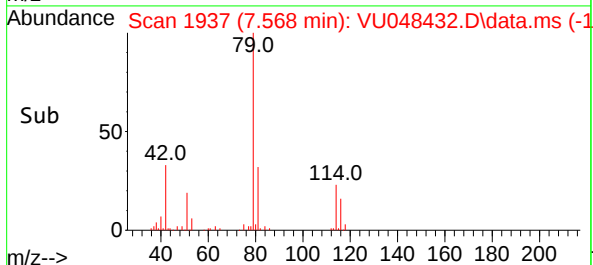
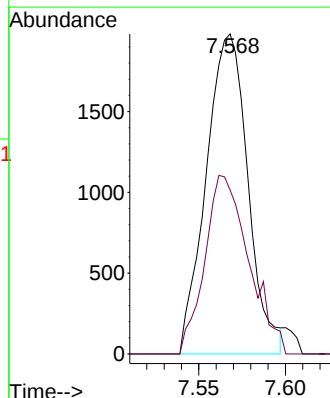
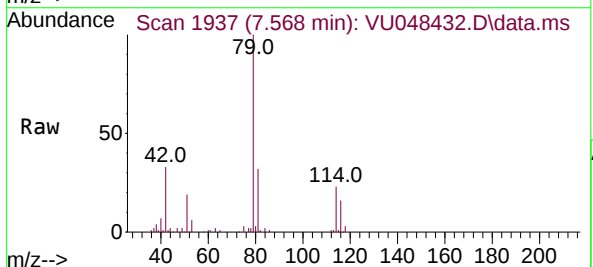
Acq: 05 May 2022 11:48

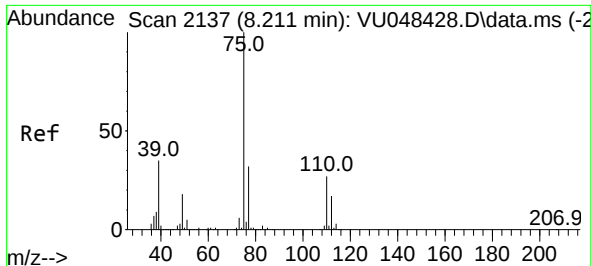
Tgt Ion: 75 Resp: 3321

Ion Ratio Lower Upper

75 100

77 51.2 22.0 41.0#

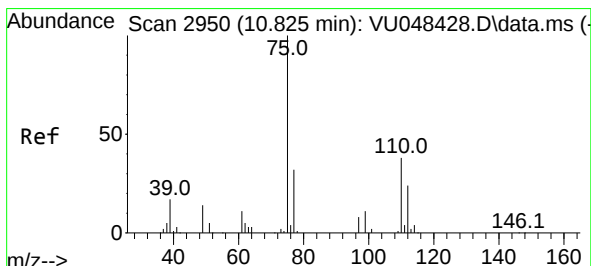
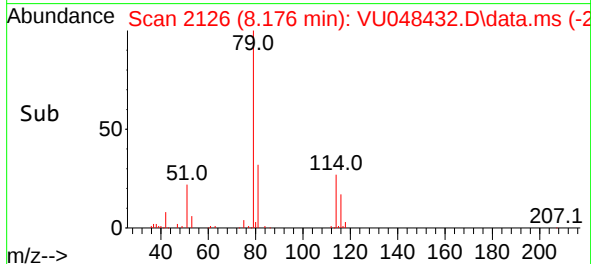
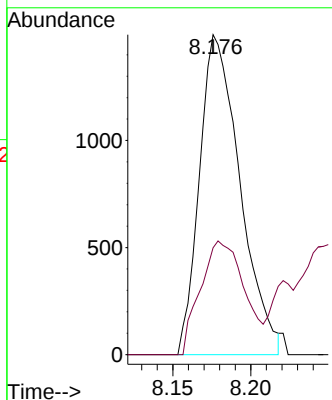
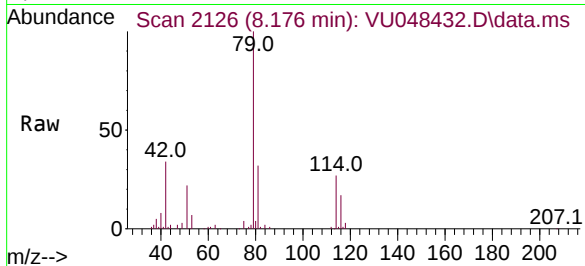




#44
trans-1,3-Dichloropropene
Concen: 0.730 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU048432.D
Acq: 05 May 2022 11:48

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 2701
Ion Ratio Lower Upper
75 100
77 33.4 22.1 41.1



#60
1,2,3-Trichloropropane
Concen: 4.164 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU048432.D
Acq: 05 May 2022 11:48

Tgt Ion: 75 Resp: 15270
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.8
110 1.3 29.9 44.9#

