

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054740.D
 Acq On : 03 Jul 2023 11:31
 Operator : MD/SY
 Sample : 03495-02DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA4DL

Quant Time: Jul 05 04:40:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

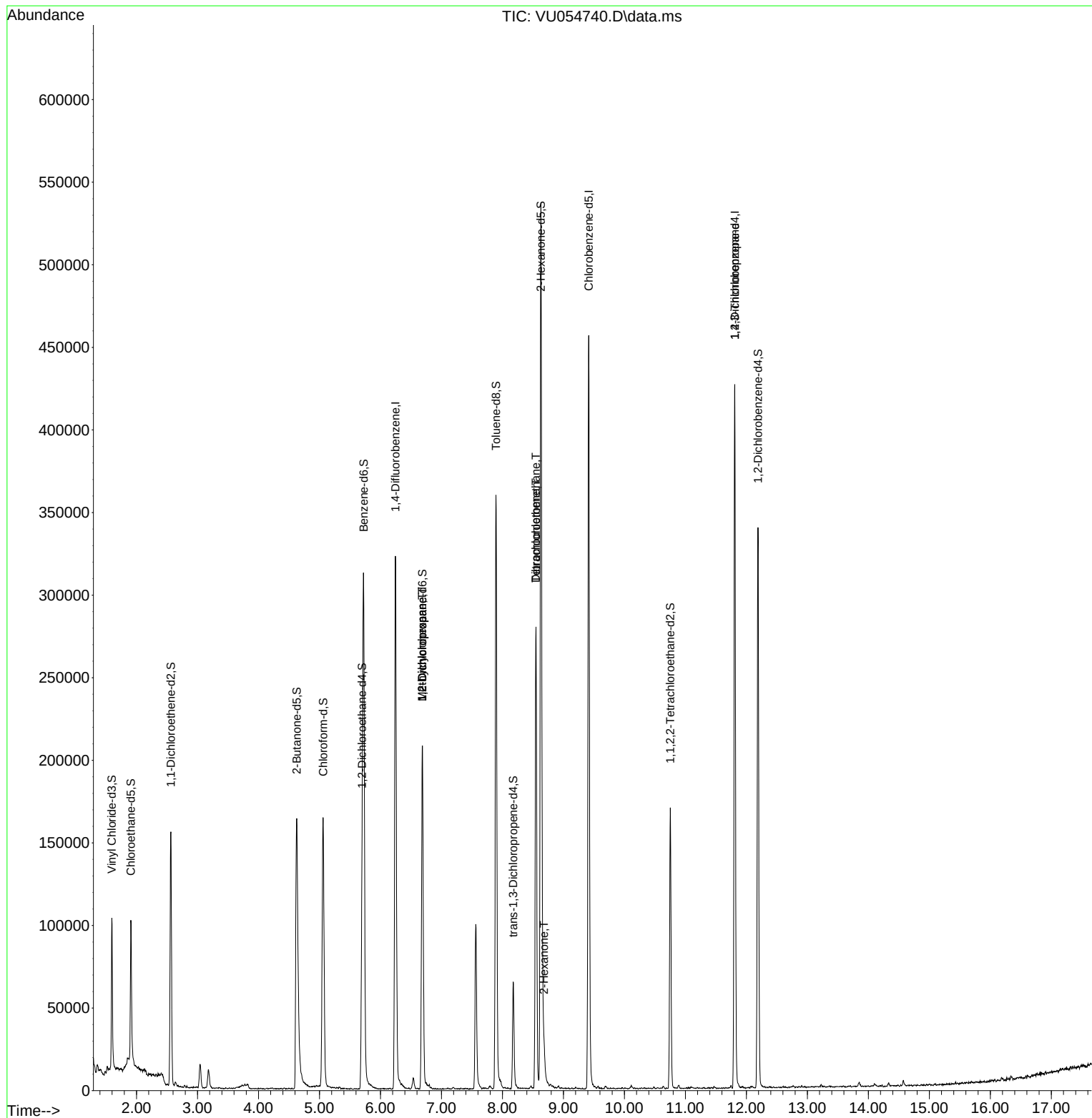
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255013	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	250962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	113570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70345	4.334	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.600%	
7) Chloroethane-d5	1.907	69	66848	4.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.563	65	29937	4.130	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	4.628	46	263147	57.670	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.340%	
24) Chloroform-d	5.062	84	154291	4.548	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.698	65	83069	5.023	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.724	84	291824	4.183	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.689	67	101752	4.367	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.894	98	242910	3.923	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.400%	
43) trans-1,3-Dichloroprop...	8.177	79	37733	4.657	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.631	63	176311	51.872	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.740%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87967	5.063	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	90405	4.719	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	22472	0.623	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	11050	0.453	ug/L #	90
47) Tetrachloroethene	8.550	164	64245	3.519	ug/L	98
48) 2-Hexanone	8.682	43	9991	1.030	ug/L #	77
49) Dibromochloromethane	8.550	129	62856	3.859	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	14300	1.246	ug/L #	69

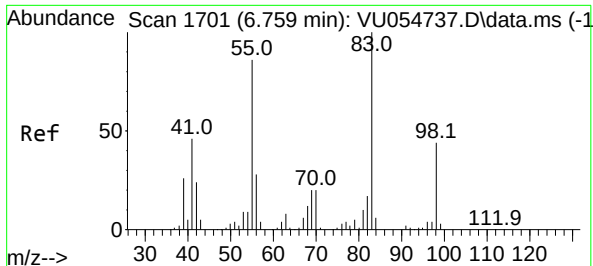
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#35

Methylcyclohexane

Concen: 0.623 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU054740.D

Acq: 03 Jul 2023 11:31

Instrument :

MSVOA_U

ClientSampleId :

H0FA4DL

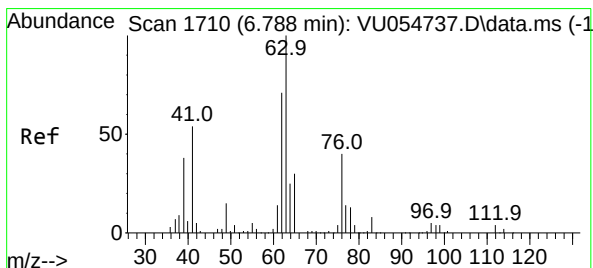
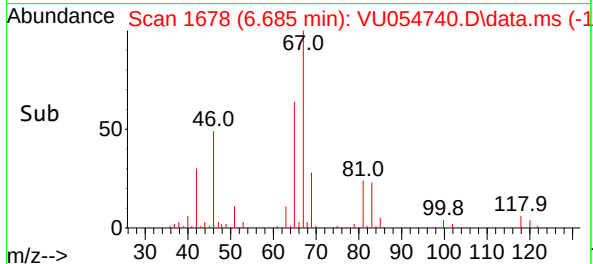
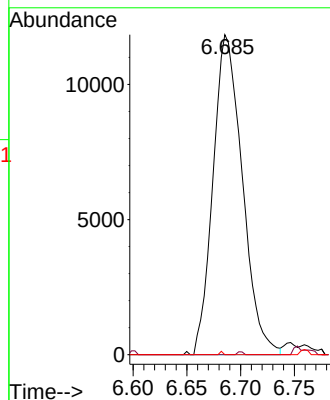
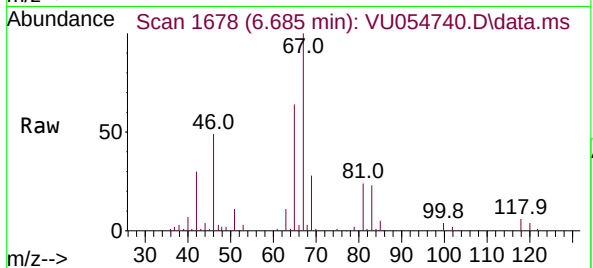
Tgt Ion: 83 Resp: 22472

Ion Ratio Lower Upper

83 100

55 0.2 67.1 100.7#

98 0.1 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.453 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU054740.D

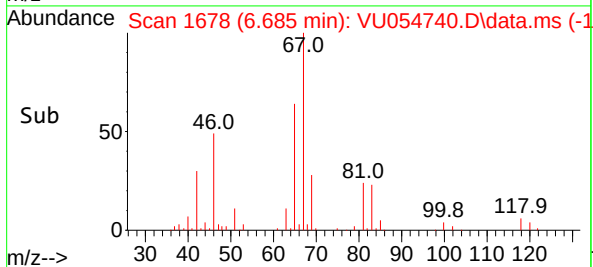
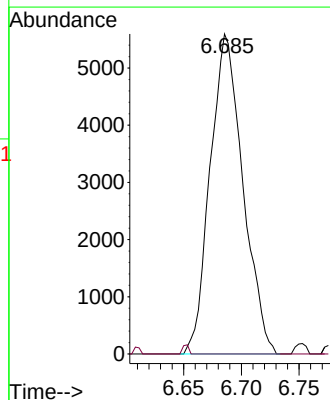
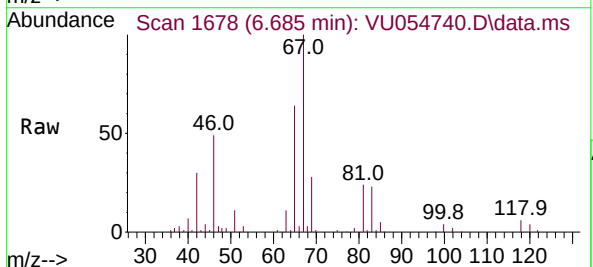
Acq: 03 Jul 2023 11:31

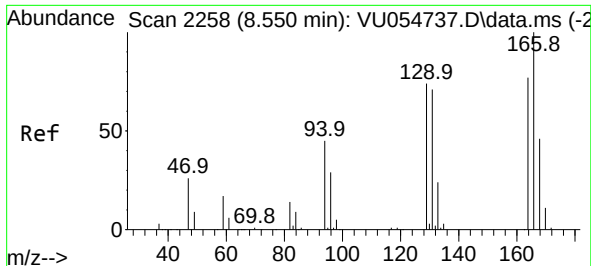
Tgt Ion: 63 Resp: 11050

Ion Ratio Lower Upper

63 100

112 0.5 3.0 4.6#





#47

Tetrachloroethene

Concen: 3.519 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054740.D

Acq: 03 Jul 2023 11:31

Instrument :

MSVOA_U

ClientSampleId :

H0FA4DL

Tgt Ion:164 Resp: 64245

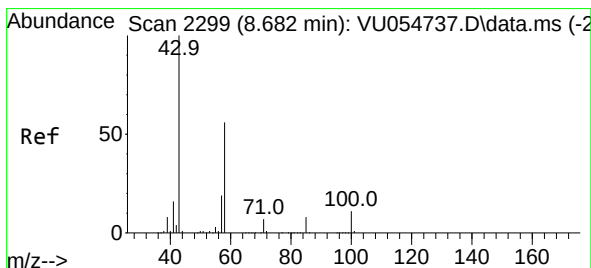
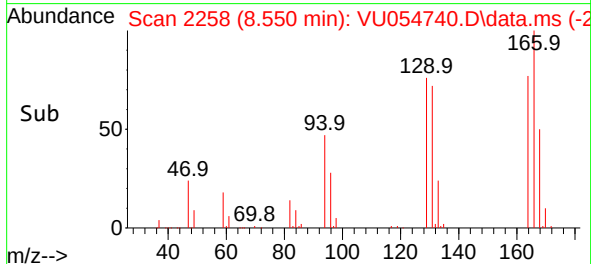
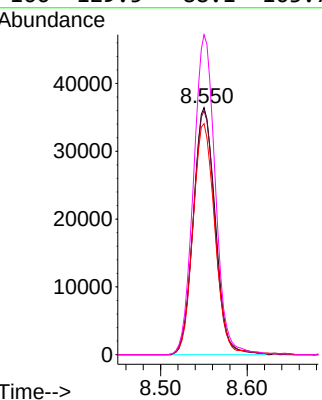
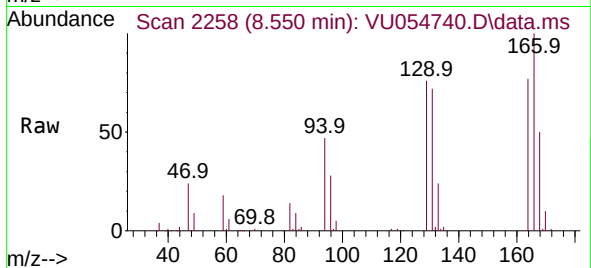
Ion Ratio Lower Upper

164 100

129 98.7 67.7 125.7

131 93.5 64.6 120.0

166 129.5 88.1 163.7



#48

2-Hexanone

Concen: 1.030 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU054740.D

Acq: 03 Jul 2023 11:31

Tgt Ion: 43 Resp: 9991

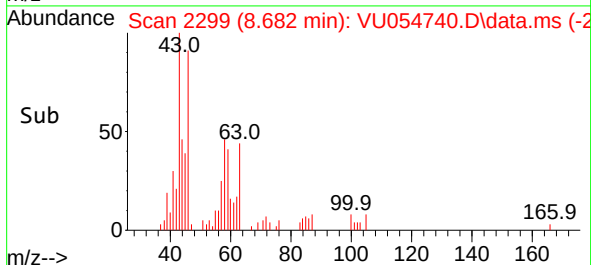
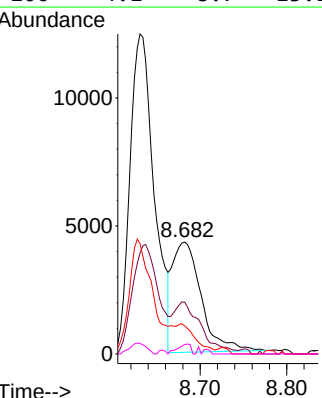
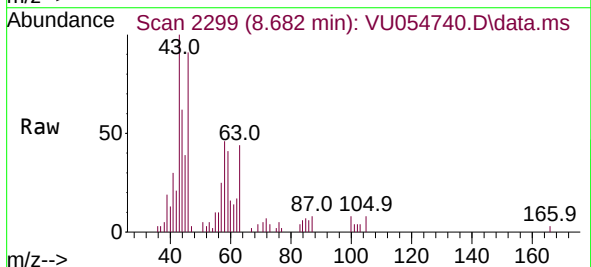
Ion Ratio Lower Upper

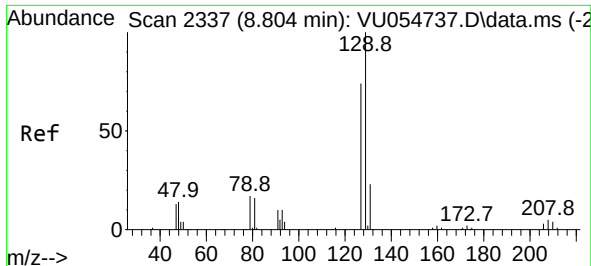
43 100

58 43.8 45.2 67.8#

57 0.0 15.8 23.6#

100 4.1 8.7 13.1#





#49

Dibromochloromethane

Concen: 3.859 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054740.D

Acq: 03 Jul 2023 11:31

Instrument :

MSVOA_U

ClientSampleId :

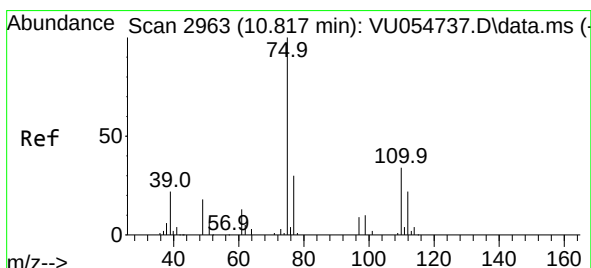
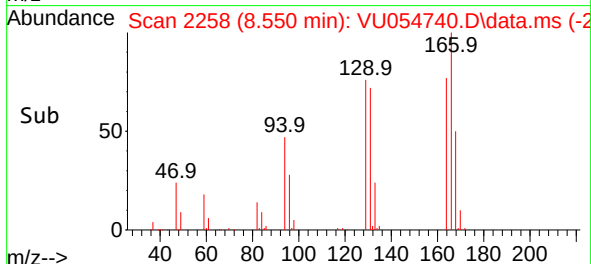
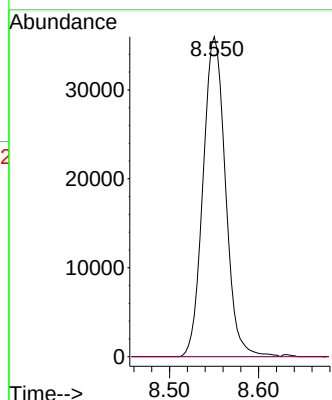
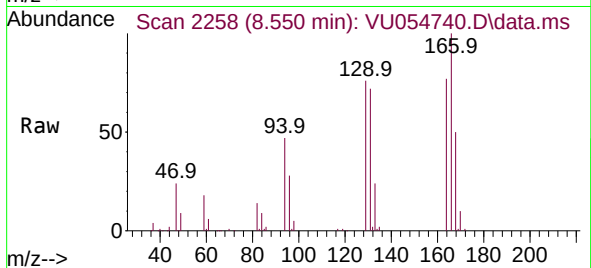
H0FA4DL

Tgt Ion:129 Resp: 62856

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.246 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU054740.D

Acq: 03 Jul 2023 11:31

Tgt Ion: 75 Resp: 14300

Ion Ratio Lower Upper

75 100

110 1.5 28.0 42.0#

77 31.3 25.4 38.2

