

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054571.D
 Acq On : 16 Jun 2023 14:10
 Operator : MD/SY
 Sample : 03284-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ3

Quant Time: Jun 17 06:14:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

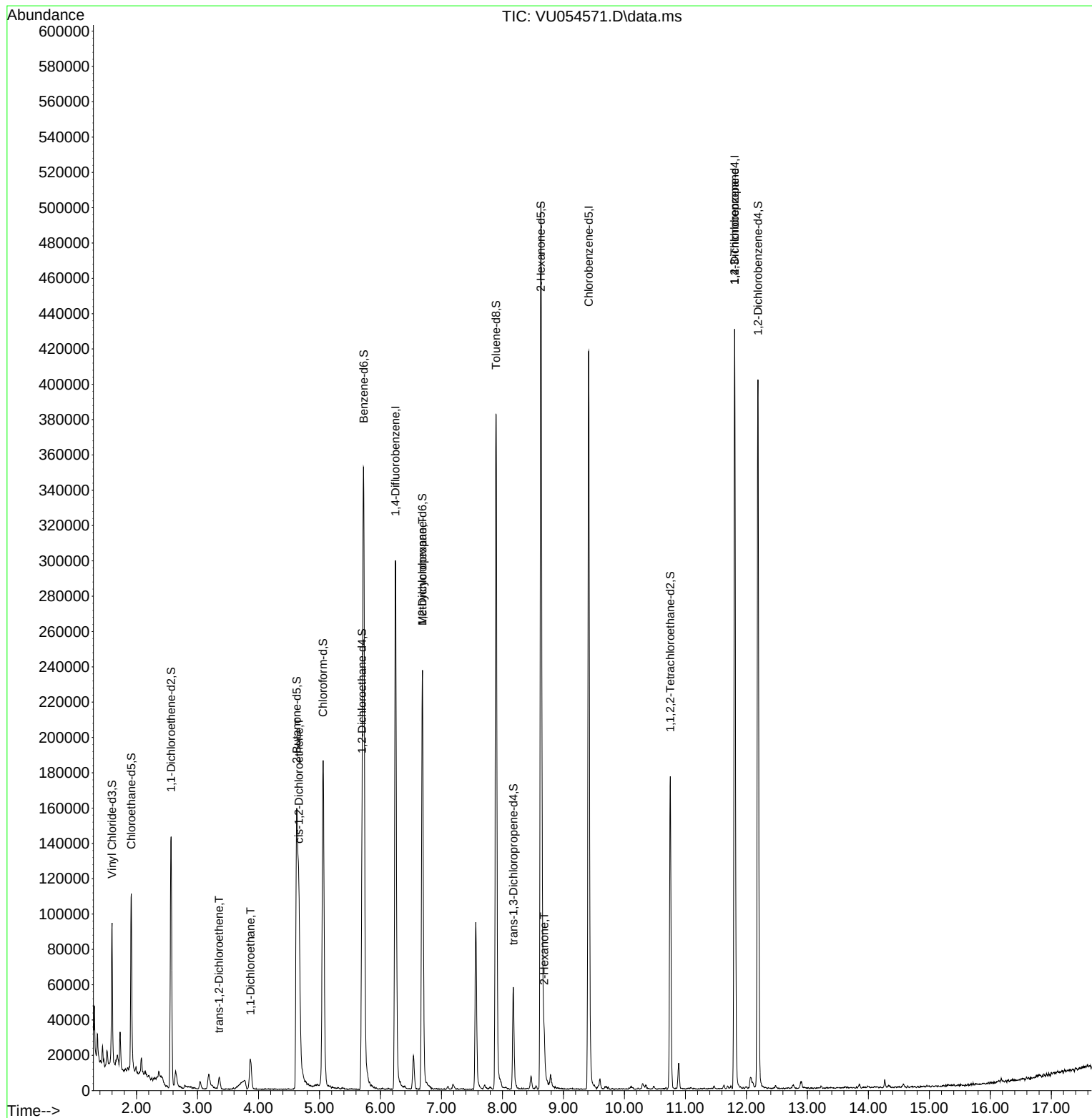
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	244527	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	243921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	57798	3.714	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.200%	
7) Chloroethane-d5	1.914	69	77106	5.292	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.800%	
11) 1,1-Dichloroethene-d2	2.566	65	28111	4.044	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.800%	
20) 2-Butanone-d5	4.627	46	250164	57.175	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.360%	
24) Chloroform-d	5.058	84	178245	5.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.600%	
26) 1,2-Dichloroethane-d4	5.698	65	93034	5.867	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.400%	
32) Benzene-d6	5.724	84	334197	4.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.688	67	118399	5.229	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.600%	
41) Toluene-d8	7.894	98	270001	4.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	8.180	79	36110	4.586	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.630	63	172776	52.299	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.600%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92625	5.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	109817	5.392	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						
					Qvalue	
18) trans-1,2-Dichloroethene	3.354	96	2914	0.159	ug/L	86
19) 1,1-Dichloroethane	3.869	63	20927	0.552	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	38078	1.826	ug/L	94
35) Methylcyclohexane	6.688	83	26143	0.746	ug/L #	17
48) 2-Hexanone	8.685	43	12575	1.334	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	14163	1.161	ug/L #	70

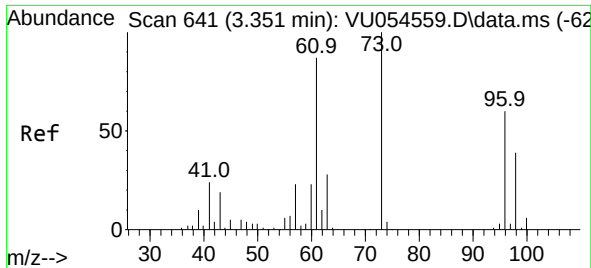
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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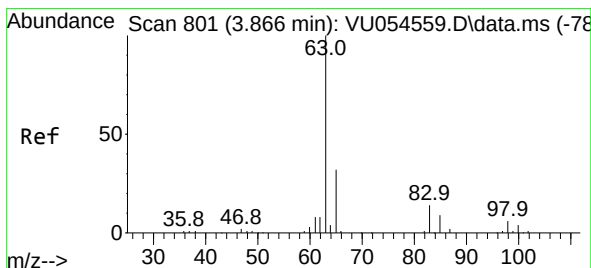
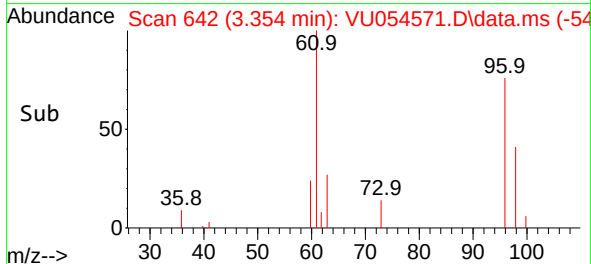
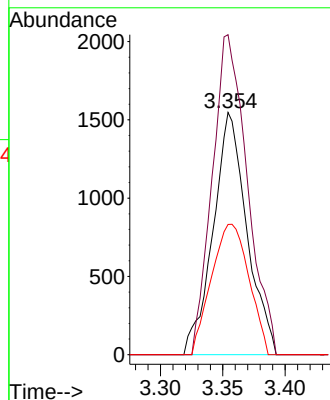
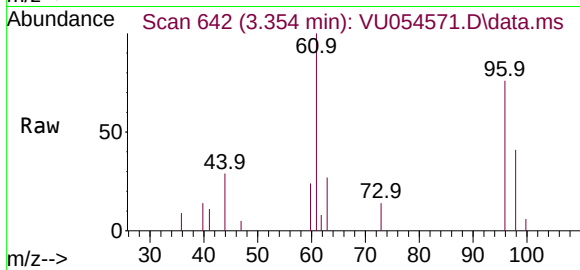




#18
trans-1,2-Dichloroethene
Concen: 0.159 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054571.D
Acq: 16 Jun 2023 14:10

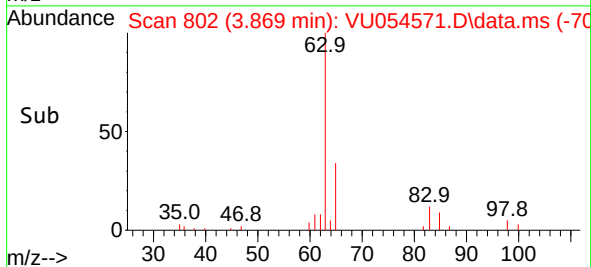
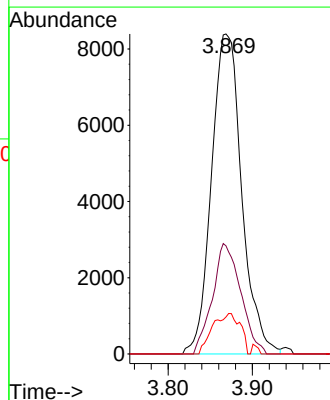
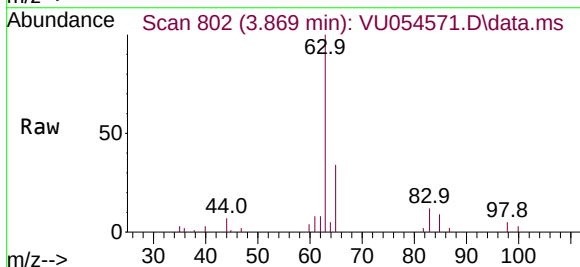
Instrument :
MSVOA_U
ClientSampleId :
DCGZ3

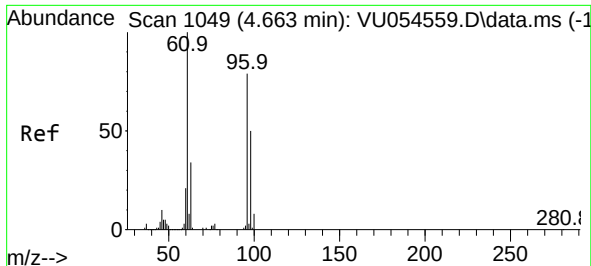
Tgt Ion: 96 Resp: 2914
Ion Ratio Lower Upper
96 100
61 132.1 104.6 194.2
98 53.8 45.4 84.4



#19
1,1-Dichloroethane
Concen: 0.552 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU054571.D
Acq: 16 Jun 2023 14:10

Tgt Ion: 63 Resp: 20927
Ion Ratio Lower Upper
63 100
65 33.8 22.2 41.2
83 11.6 9.0 16.6

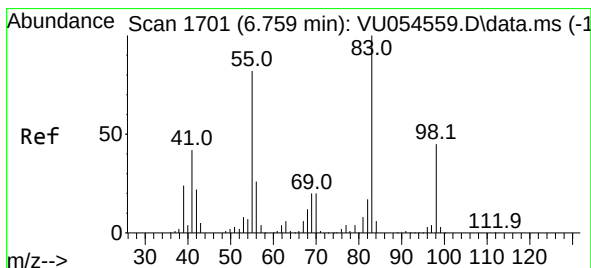
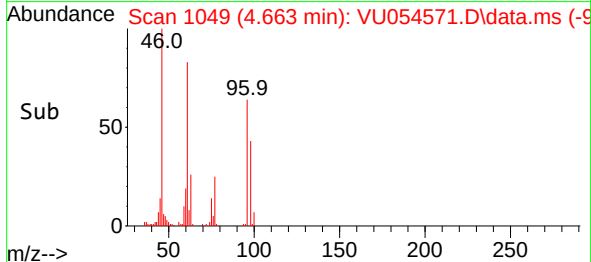
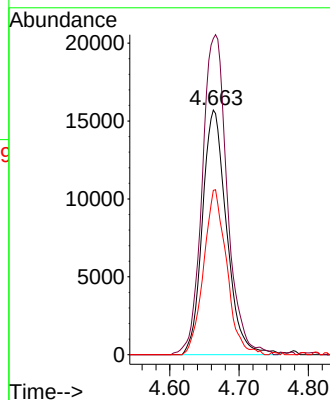
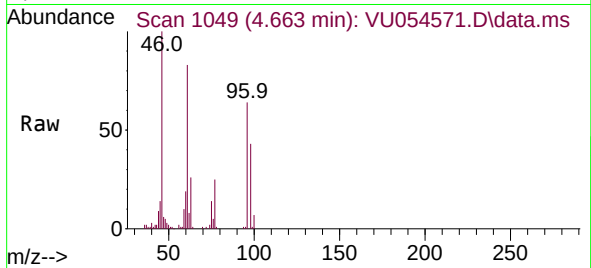




#22
 cis-1,2-Dichloroethene
 Concen: 1.826 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054571.D
 Acq: 16 Jun 2023 14:10

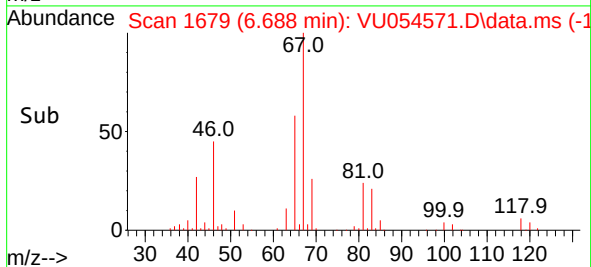
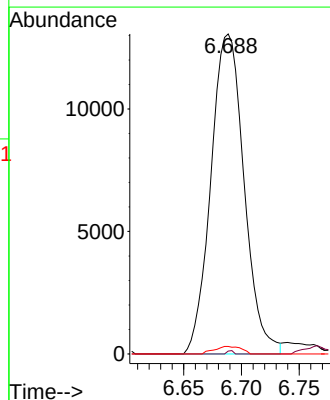
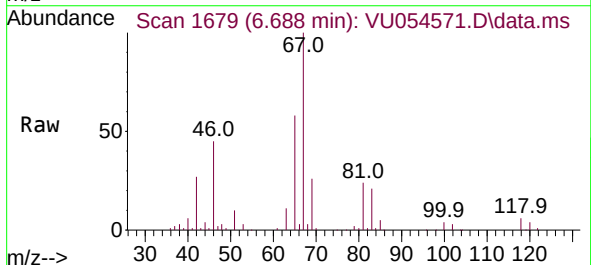
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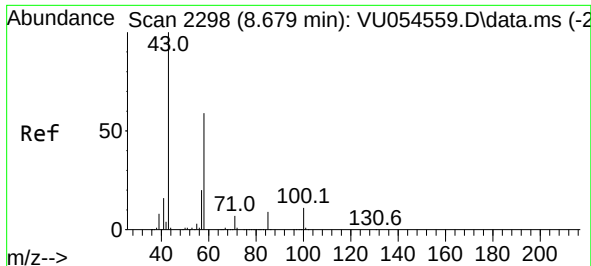
Tgt Ion: 96 Resp: 38078
 Ion Ratio Lower Upper
 96 100
 61 129.2 96.5 179.1
 98 67.2 44.9 83.3



#35
 Methylcyclohexane
 Concen: 0.746 ug/L
 RT: 6.688 min Scan# 1679
 Delta R.T. -0.071 min
 Lab File: VU054571.D
 Acq: 16 Jun 2023 14:10

Tgt Ion: 83 Resp: 26143
 Ion Ratio Lower Upper
 83 100
 55 0.2 67.1 100.7#
 98 1.9 35.1 52.7#

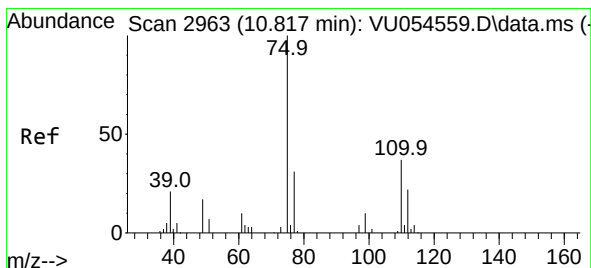
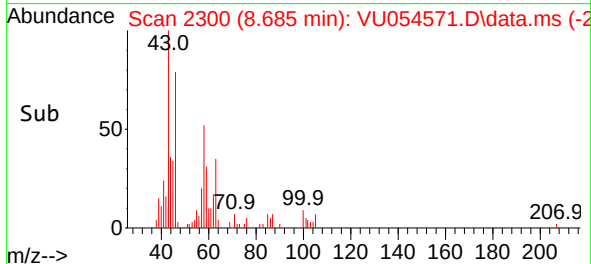
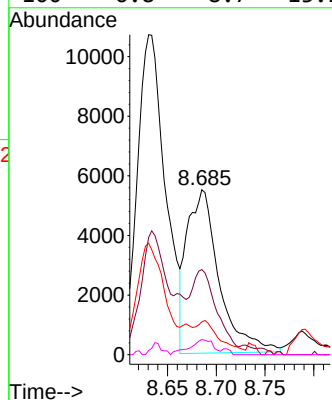
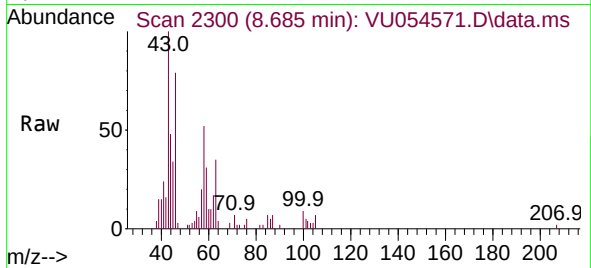




#48
2-Hexanone
Concen: 1.334 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054571.D
Acq: 16 Jun 2023 14:10

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MSVOA_U
ClientSampleId :
DCGZ3

Tgt Ion: 43 Resp: 12575
Ion Ratio Lower Upper
43 100
58 36.4 45.2 67.8#
57 14.2 15.8 23.6#
100 6.8 8.7 13.1#



#61
1,2,3-Trichloropropane
Concen: 1.161 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054571.D
Acq: 16 Jun 2023 14:10

Tgt Ion: 75 Resp: 14163
Ion Ratio Lower Upper
75 100
110 2.2 28.0 42.0#
77 32.8 25.4 38.2

