

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060152.D
 Acq On : 24 Jul 2024 14:39
 Operator : MD/SY
 Sample : P3280-07DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZE1DL

Quant Time: Jul 25 05:13:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

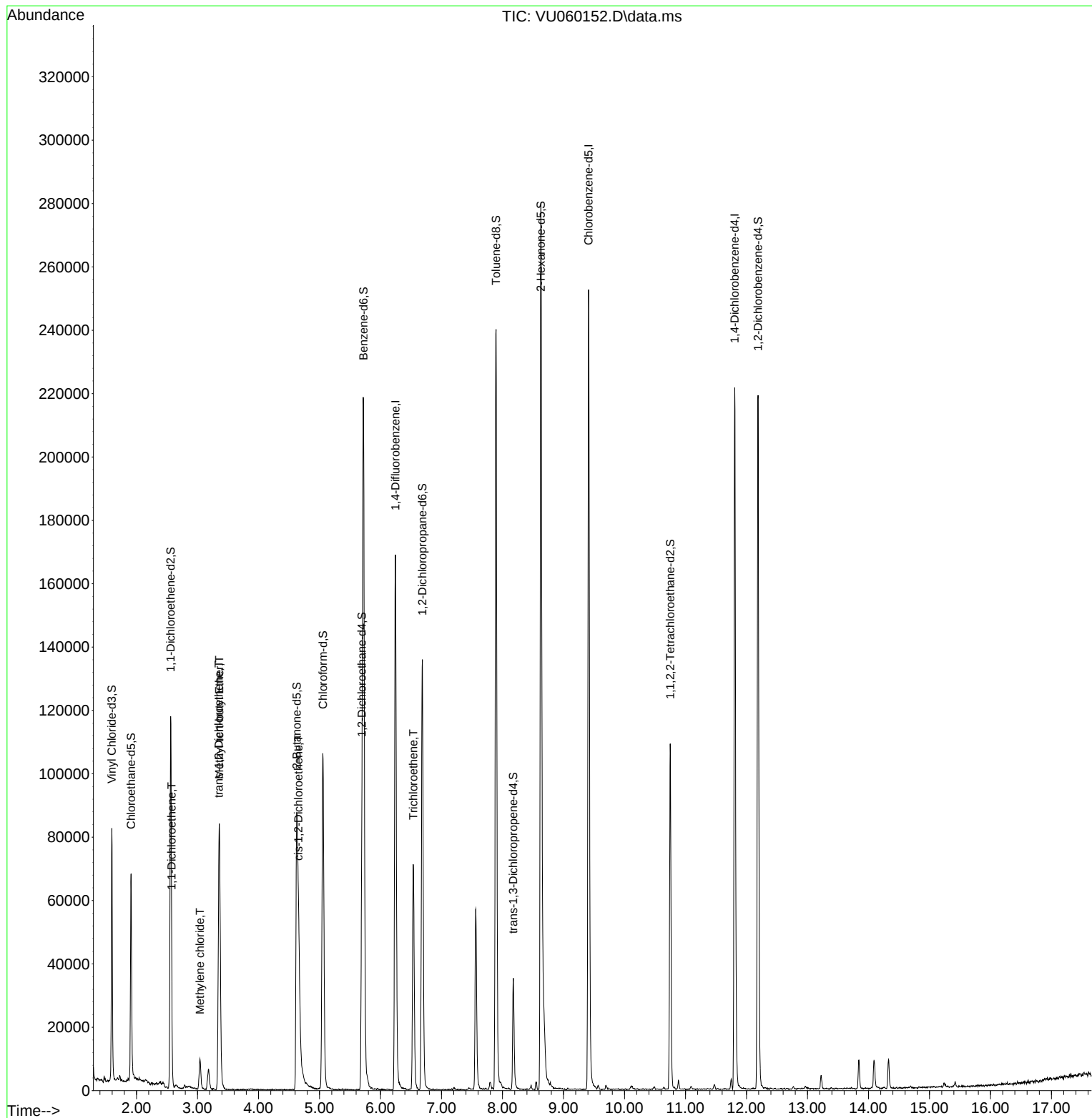
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	145402	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56595	5.594	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.800%	
7) Chloroethane-d5	1.911	69	48715	5.183	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.600%	
11) 1,1-Dichloroethene-d2	2.560	65	21808	5.521	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	110.400%	
20) 2-Butanone-d5	4.628	46	137220	58.016	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.040%	
24) Chloroform-d	5.055	84	103895	4.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.695	65	52911	5.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
32) Benzene-d6	5.721	84	211562	5.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
36) 1,2-Dichloropropane-d6	6.685	67	70951	5.532	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.600%	
41) Toluene-d8	7.894	98	170243	4.681	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.177	79	21701	4.971	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.400%	
46) 2-Hexanone-d5	8.631	63	100477	51.864	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.720%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57846	5.068	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	61017	5.446	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.000%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.576	96	2719	0.245	ug/L	# 1
16) Methylene chloride	3.039	84	5302	0.390	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	91041	3.597	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	1624	0.141	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	10845	0.839	ug/L	94
34) Trichloroethene	6.537	95	25763	1.957	ug/L	96

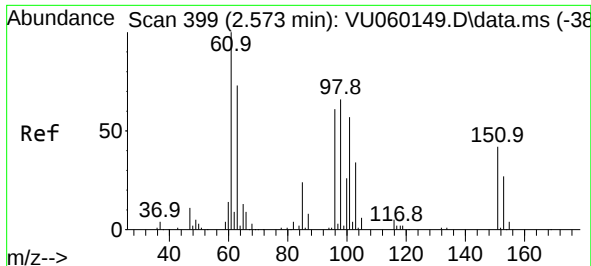
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 25 05:11:47 2024
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#12

1,1-Dichloroethene

Concen: 0.245 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU060152.D

Acq: 24 Jul 2024 14:39

Instrument :

MSVOA_U

ClientSampleId :

YDZE1DL

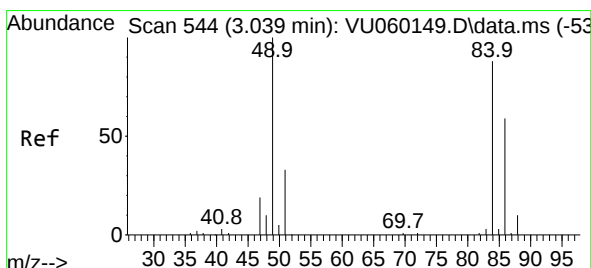
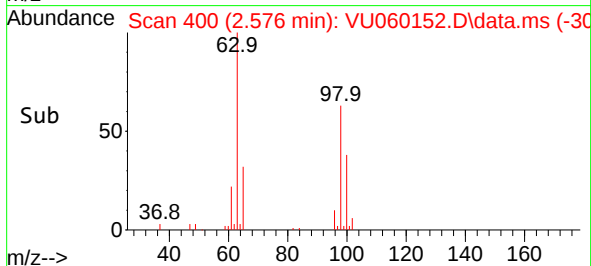
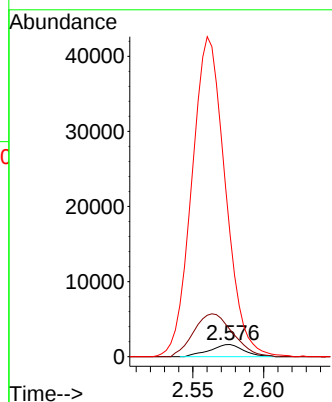
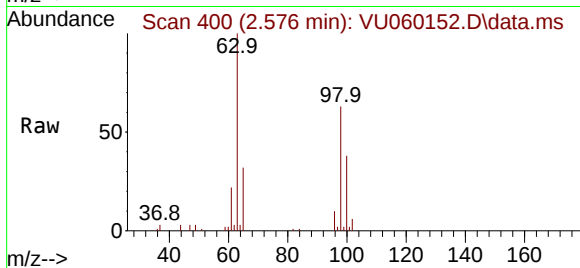
Tgt Ion: 96 Resp: 2719

Ion Ratio Lower Upper

96 100

61 220.4 107.0 198.6#

63 999.9 76.4 142.0#



#16

Methylene chloride

Concen: 0.390 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060152.D

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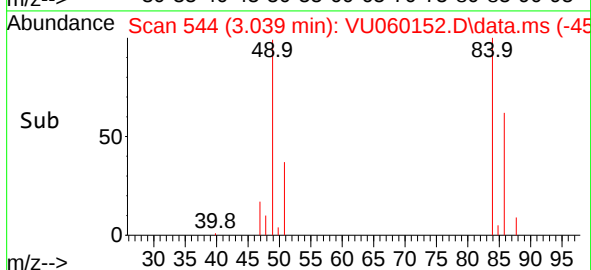
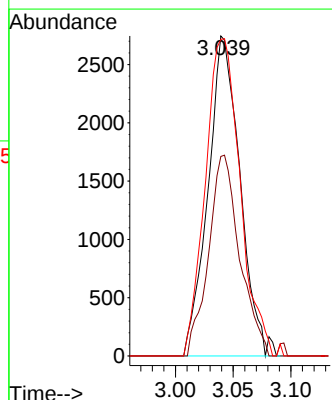
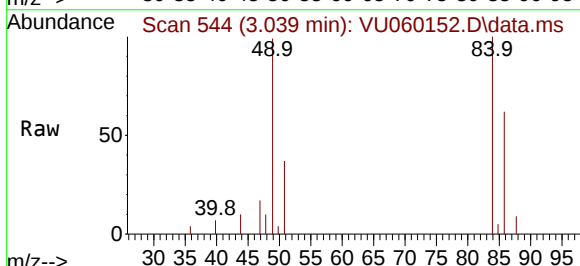
Tgt Ion: 84 Resp: 5302

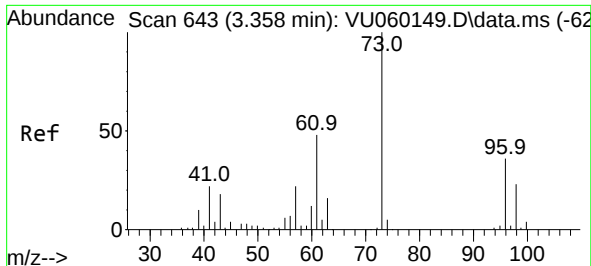
Ion Ratio Lower Upper

84 100

86 62.4 44.4 82.5

49 102.6 72.0 133.6

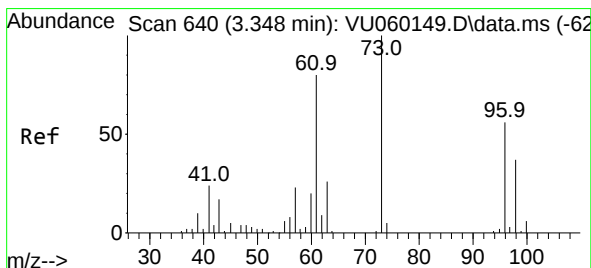
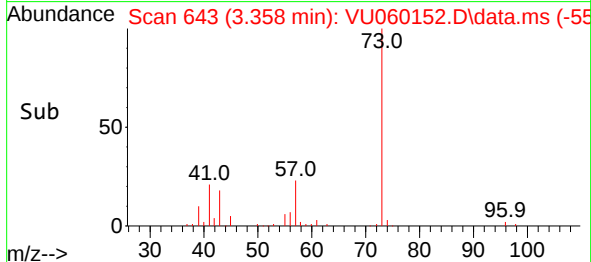
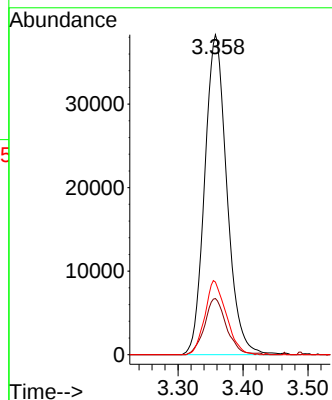
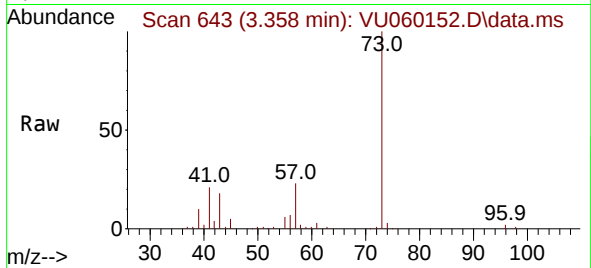




#17
Methyl tert-butyl Ether
Concen: 3.597 ug/L
RT: 3.358 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

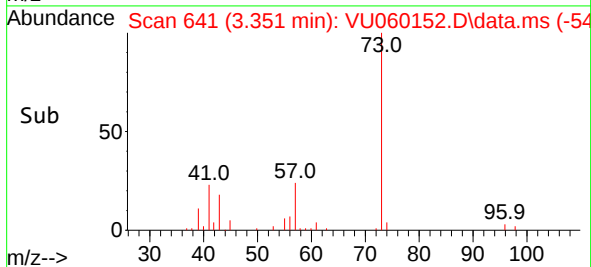
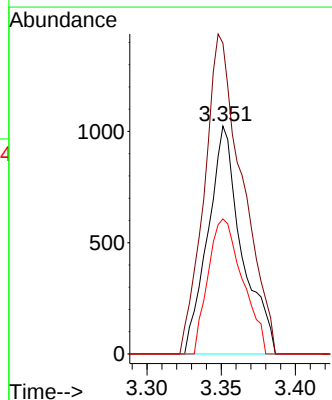
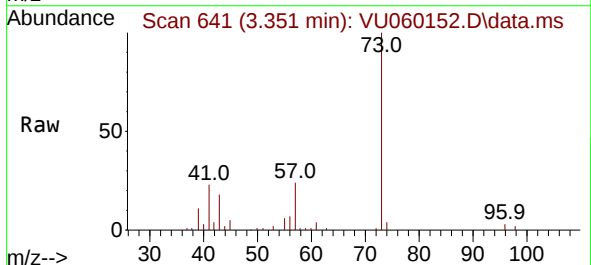
Instrument :
MSVOA_U
ClientSampleId :
YDZE1DL

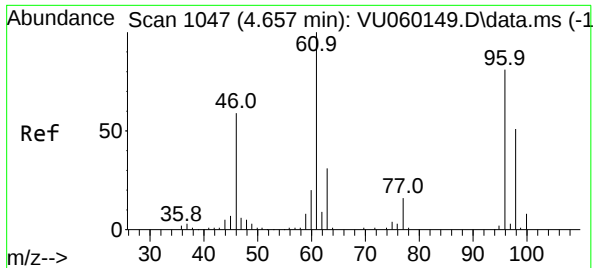
Tgt Ion: 73	Resp: 91041
Ion Ratio	Lower Upper
73	100
43	17.4 13.1 19.7
57	22.3 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 0.141 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Tgt Ion: 96	Resp: 1624
Ion Ratio	Lower Upper
96	100
61	136.3 91.6 170.0
98	59.3 47.7 88.5

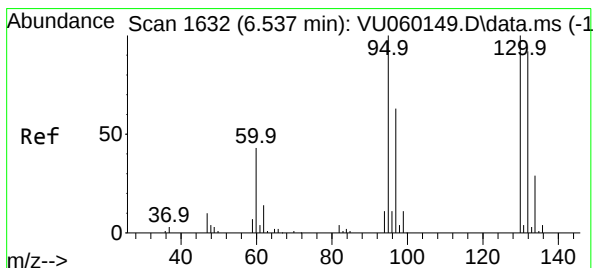
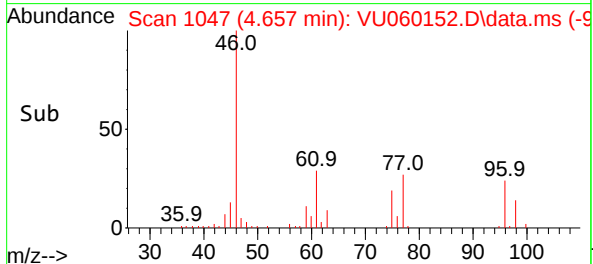
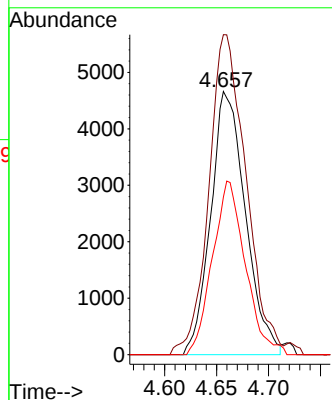
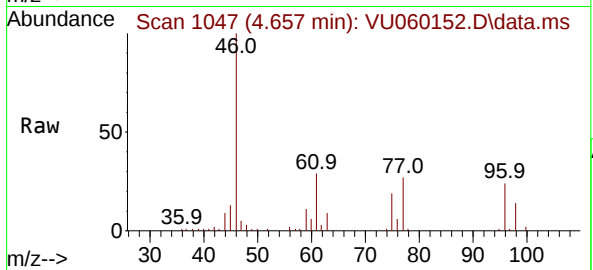




#22
cis-1,2-Dichloroethene
Concen: 0.839 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Instrument :
MSVOA_U
ClientSampleId :
YDZE1DL

Tgt Ion: 96 Resp: 10845
Ion Ratio Lower Upper
96 100
61 121.6 80.2 148.9
98 59.9 44.7 83.1



#34
Trichloroethene
Concen: 1.957 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Tgt Ion: 95 Resp: 25763
Ion Ratio Lower Upper
95 100
97 69.4 45.9 85.3
132 95.7 71.4 132.6
130 101.5 72.1 133.9

