

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057326.D
 Acq On : 28 Dec 2023 11:12
 Operator : MD/SY
 Sample : 06020-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 20:48:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

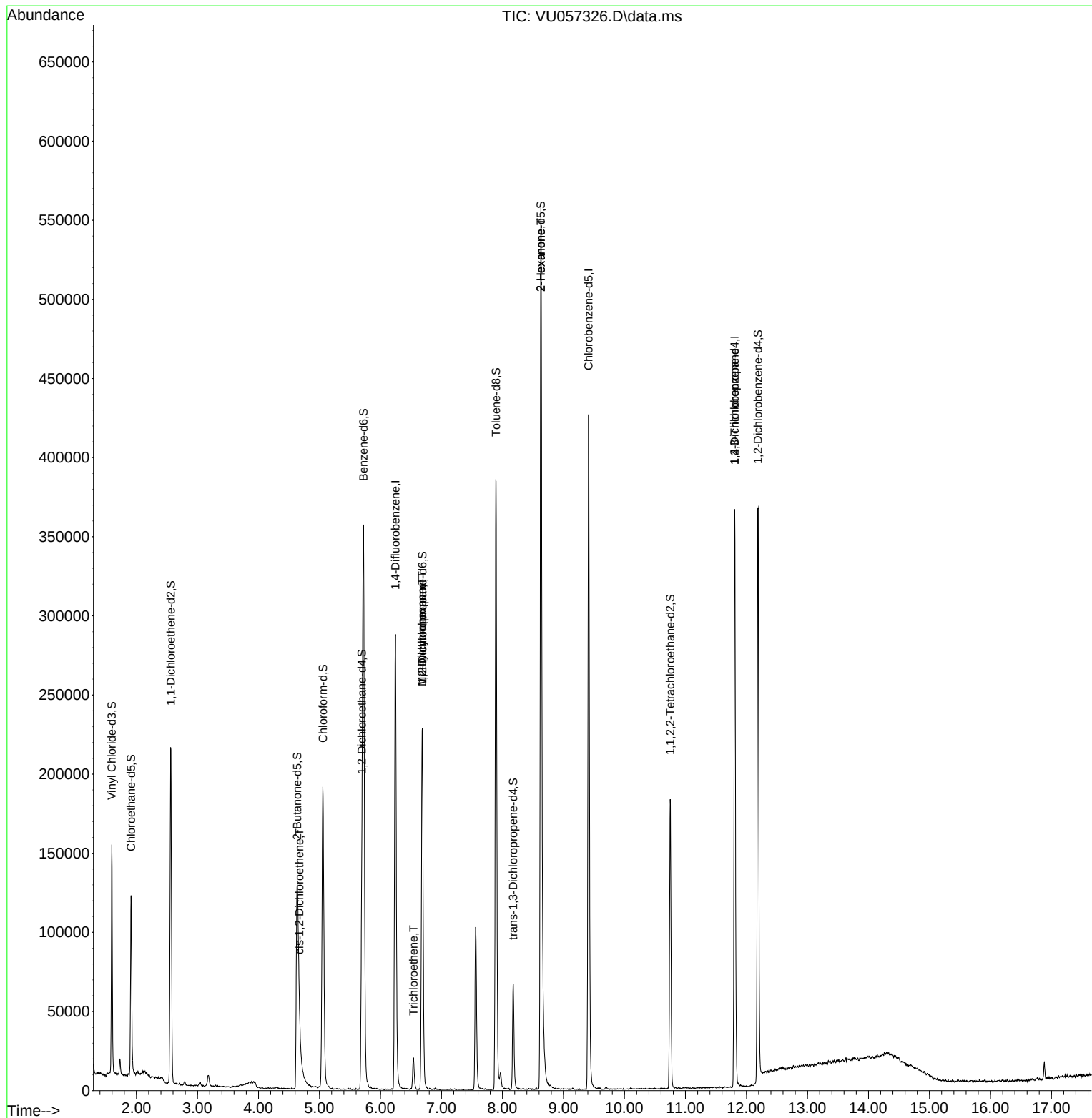
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	235855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	94458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	102151	5.131	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.911	69	88064	5.508	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.200%		
11) 1,1-Dichloroethene-d2	2.564	65	42318	5.341	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.800%		
20) 2-Butanone-d5	4.634	46	260477	57.771	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 115.540%		
24) Chloroform-d	5.055	84	184559	5.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.200%		
26) 1,2-Dichloroethane-d4	5.695	65	96165	5.315	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.400%		
32) Benzene-d6	5.721	84	335215	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.800%		
36) 1,2-Dichloropropane-d6	6.686	67	113266	5.376	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.600%		
41) Toluene-d8	7.895	98	267317	4.609	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.200%		
43) trans-1,3-Dichloroprop...	8.178	79	39502	4.673	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 93.400%		
46) 2-Hexanone-d5	8.631	63	195426	51.043	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 102.080%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	94092	5.318	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.400%		
66) 1,2-Dichlorobenzene-d4	12.190	152	94800	5.512	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.200%		
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.670	96	3058	0.176	ug/L	87
34) Trichloroethene	6.544	95	7314	0.404	ug/L	85
35) Methylcyclohexane	6.682	83	26114	1.104	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	12158	0.643	ug/L #	93
48) 2-Hexanone	8.631	43	27936	3.934	ug/L #	74
61) 1,2,3-Trichloropropane	11.808	75	11725	1.189	ug/L #	67

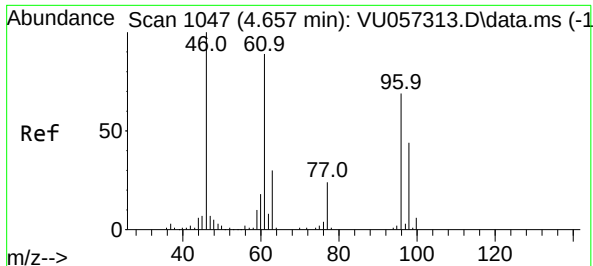
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.176 ug/L

RT: 4.670 min Scan# 1051

Delta R.T. 0.013 min

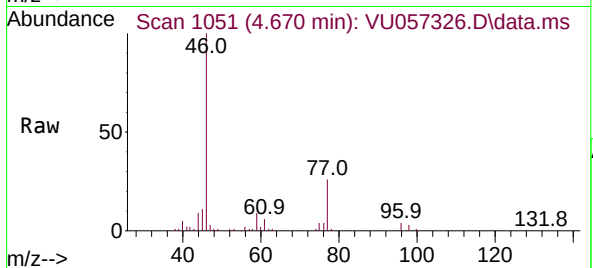
Lab File: VU057326.D

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Instrument :

MSVOA_U

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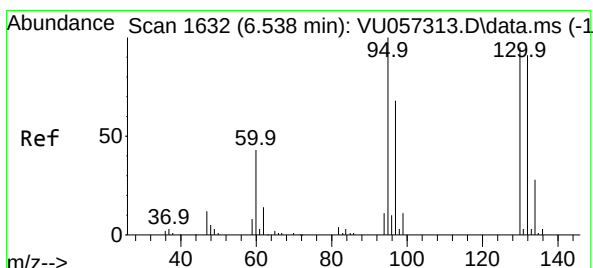
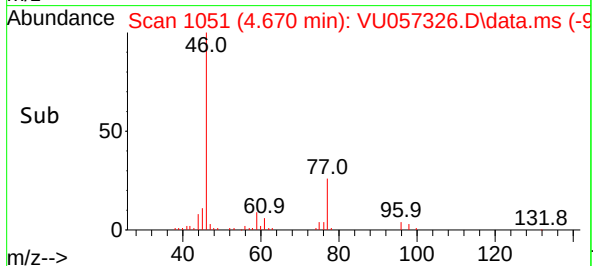
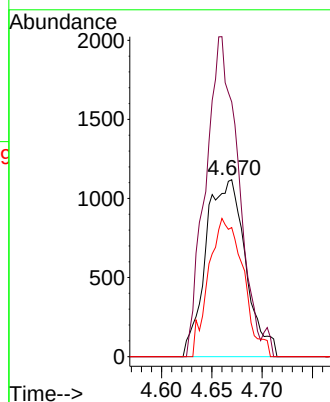
Tgt Ion: 96 Resp: 3058

Ion Ratio Lower Upper

96 100

61 143.9 91.1 169.3

98 72.9 42.6 79.0



#34

Trichloroethene

Concen: 0.404 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.007 min

Lab File: VU057326.D

Acq: 28 Dec 2023 11:12

Tgt Ion: 95 Resp: 7314

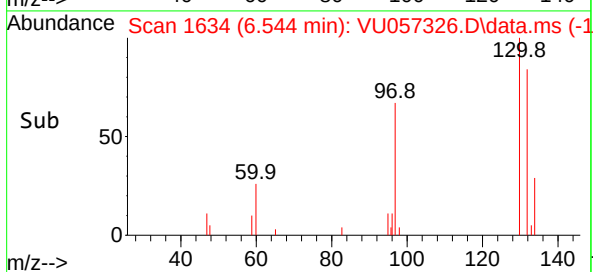
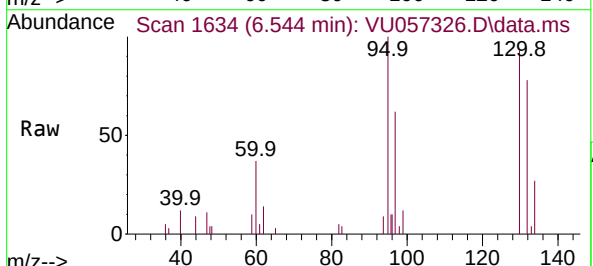
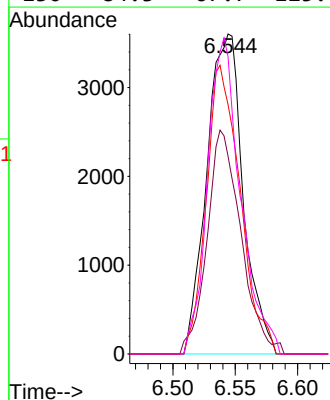
Ion Ratio Lower Upper

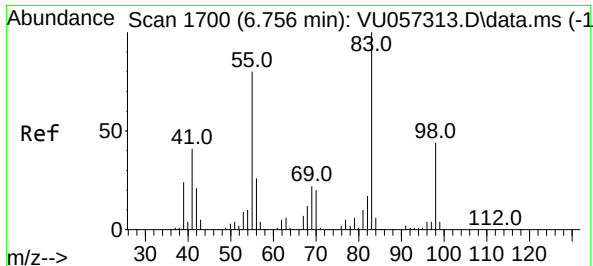
95 100

97 56.1 45.3 84.1

132 70.8 63.1 117.3

130 84.3 67.7 125.7

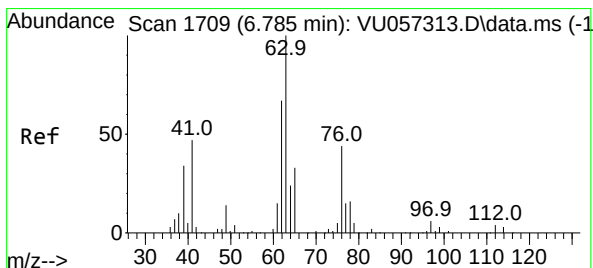
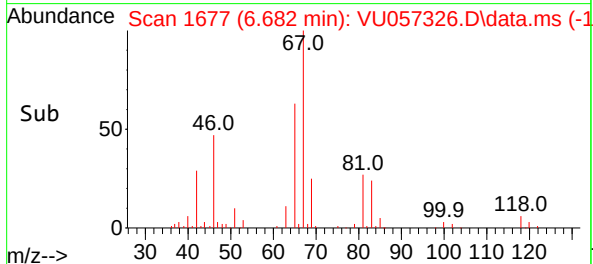
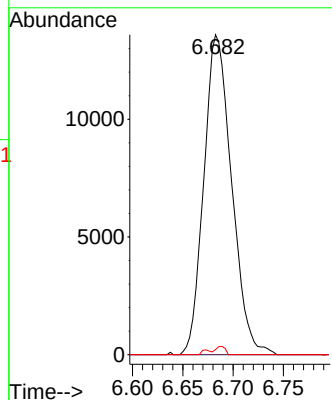
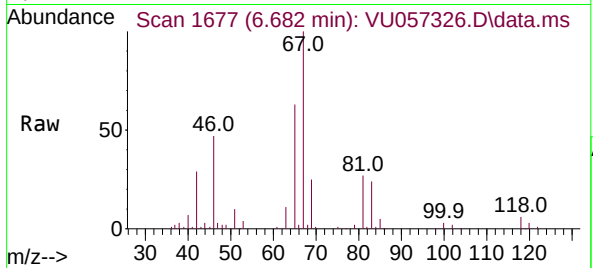




#35
Methylcyclohexane
Concen: 1.104 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057326.D
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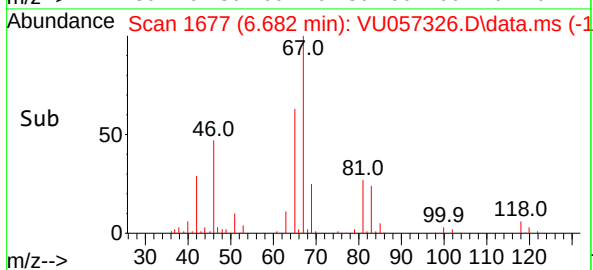
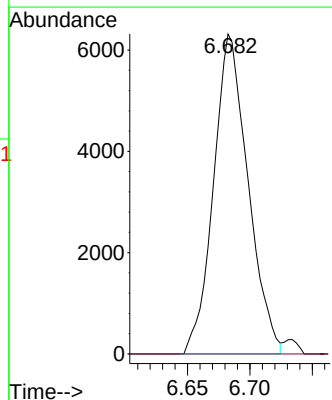
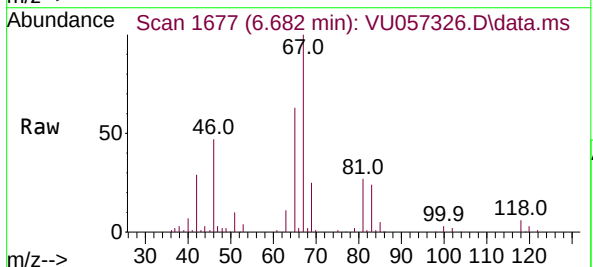
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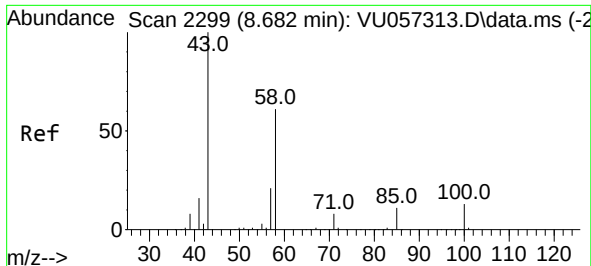
Tgt Ion: 83 Resp: 26114
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.2#
98 0.9 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057326.D
Acq: 28 Dec 2023 11:12

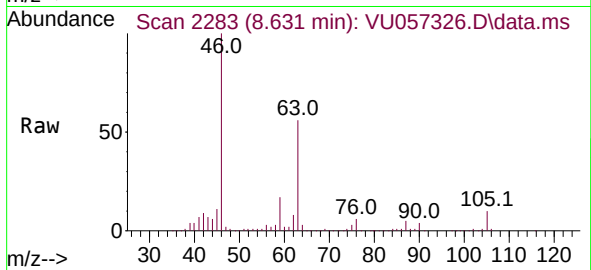
Tgt Ion: 63 Resp: 12158
Ion Ratio Lower Upper
63 100
112 1.2 2.9 4.3#



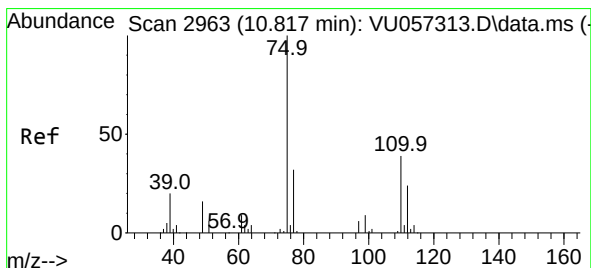
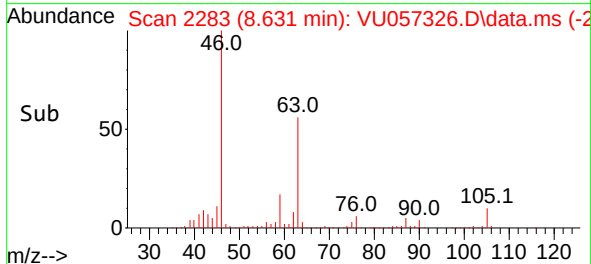
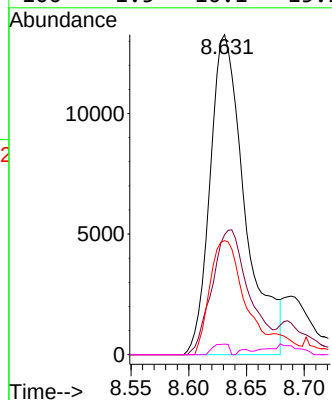


#48
2-Hexanone
Concen: 3.934 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU057326.D
Acq: 28 Dec 2023 11:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43	Resp: 27936
Ion Ratio	Lower Upper
43 100	
58 41.3	48.4 72.6#
57 35.2	17.4 26.2#
100 1.5	10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 1.189 ug/L
RT: 11.808 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU057326.D
Acq: 28 Dec 2023 11:12

Tgt Ion: 75	Resp: 11725
Ion Ratio	Lower Upper
75 100	
110 1.7	29.0 43.6#
77 34.4	25.4 38.2

