

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091324\
 Data File : VU060758.D
 Acq On : 13 Sep 2024 17:08
 Operator : MD/SY
 Sample : P3918-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 00:36:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 14 00:33:41 2024
 Response via : Initial Calibration

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

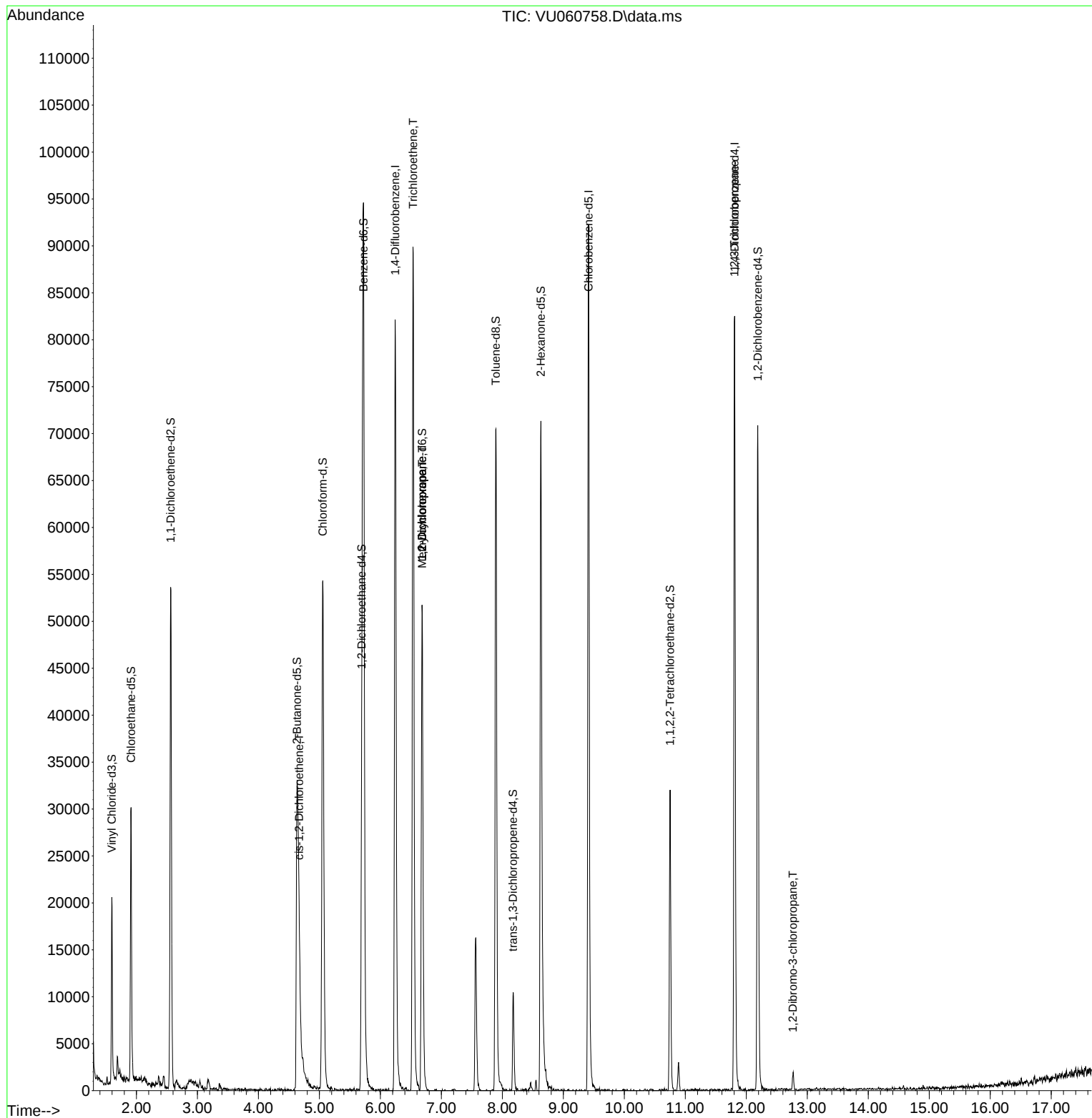
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68831	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	52106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	24306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	13631	4.484	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.911	69	21272	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.560	65	10086	5.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.600%
20) 2-Butanone-d5	4.631	46	57323	54.832	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.660%
24) Chloroform-d	5.055	84	52940	6.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.200%
26) 1,2-Dichloroethane-d4	5.692	65	27427	6.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.200%
32) Benzene-d6	5.721	84	92437	8.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	162.200%#
36) 1,2-Dichloropropane-d6	6.682	67	24649	6.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	134.200%
41) Toluene-d8	7.891	98	52309	4.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	6696	5.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.631	63	25093	39.840	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15806	4.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	20498	5.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.400%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.666	96	4348	0.795	ug/L	97
34) Trichloroethene	6.538	95	32290	7.208	ug/L	95
35) Methylcyclohexane	6.685	83	5485	0.892	ug/L #	31
37) 1,2-Dichloropropane	6.682	63	2692	0.636	ug/L #	91
61) 1,2,3-Trichloropropane	11.804	75	2744	1.170	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.759	75	43	0.081	ug/L #	8

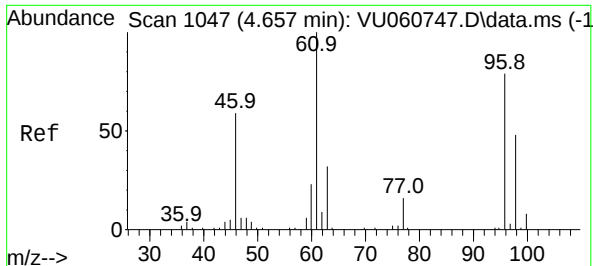
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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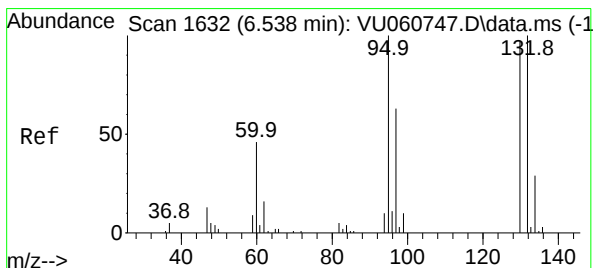
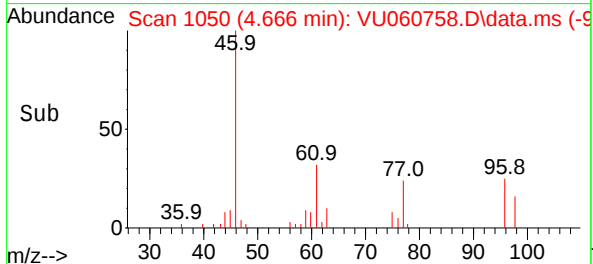
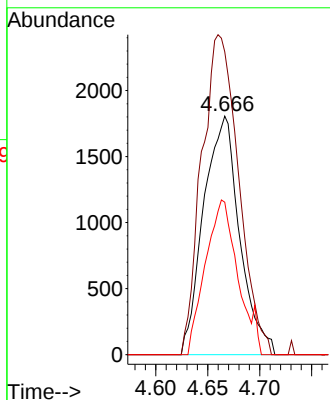
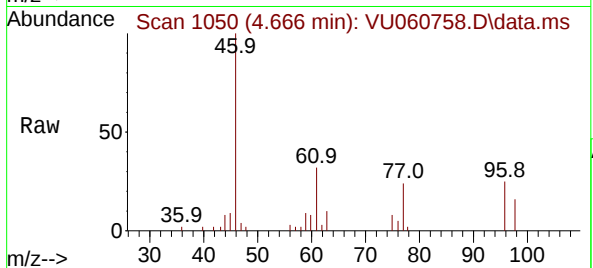




#22
 cis-1,2-Dichloroethene
 Concen: 0.795 ug/L
 RT: 4.666 min Scan# 1047
 Delta R.T. 0.010 min
 Lab File: VU060758.D
 Acq: 13 Sep 2024 17:08

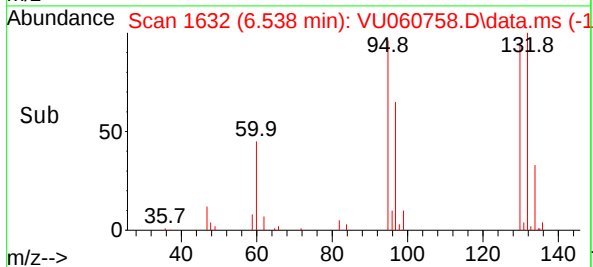
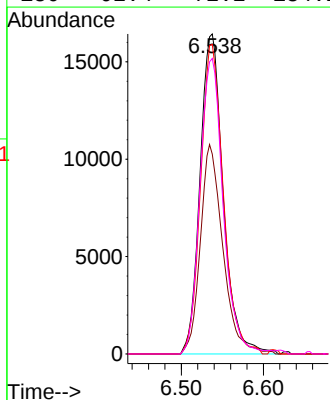
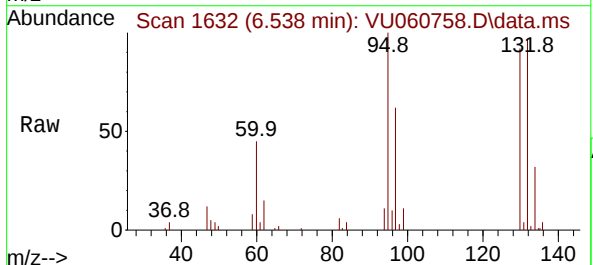
Instrument :
 MSVOA_U
 ClientSampleId :

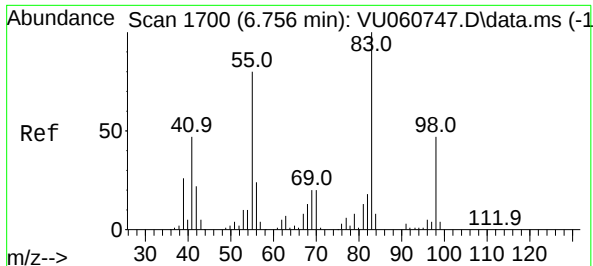
Tgt Ion: 96 Resp: 4348
 Ion Ratio Lower Upper
 96 100
 61 127.0 92.9 172.5
 98 64.0 45.0 83.6



#34
 Trichloroethene
 Concen: 7.208 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU060758.D
 Acq: 13 Sep 2024 17:08

Tgt Ion: 95 Resp: 32290
 Ion Ratio Lower Upper
 95 100
 97 62.4 45.8 85.2
 132 96.8 67.4 125.2
 130 92.4 72.2 134.2

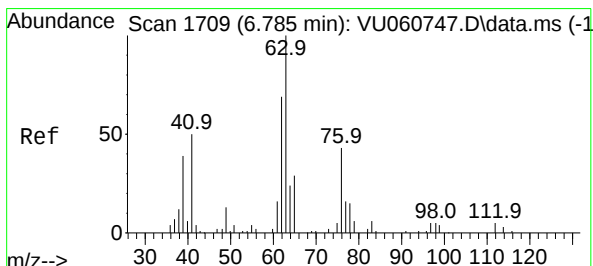
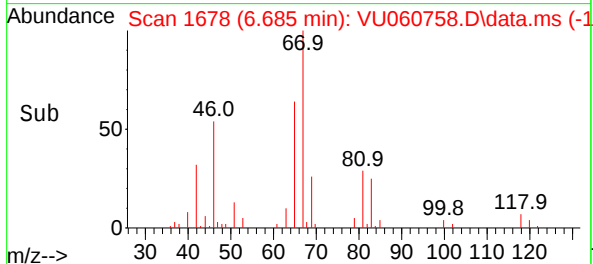
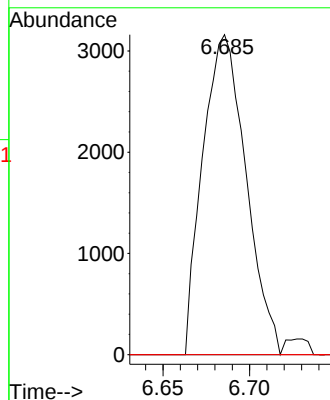
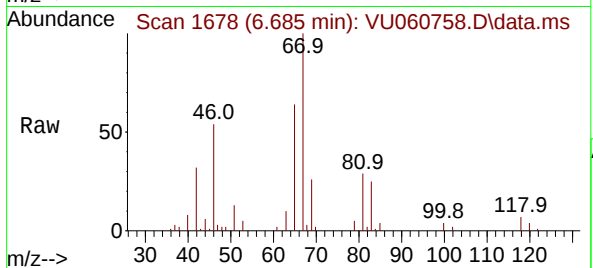




#35
Methylcyclohexane
Concen: 0.892 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060758.D
Acq: 13 Sep 2024 17:08

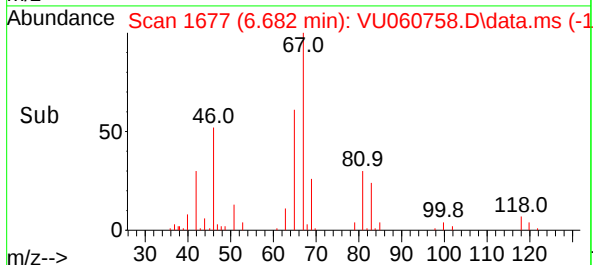
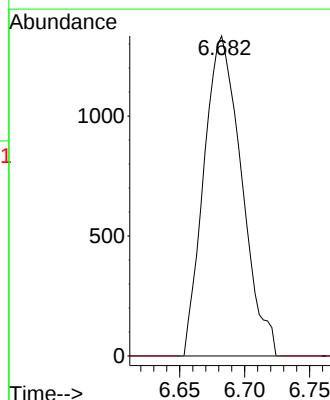
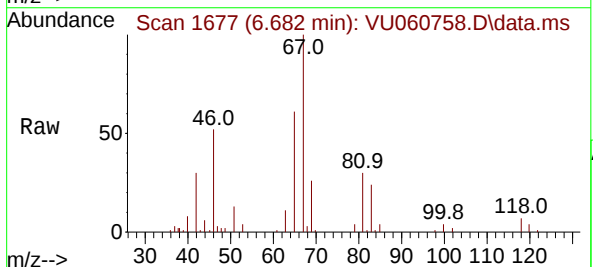
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MSVOA_U
ClientSampleId :

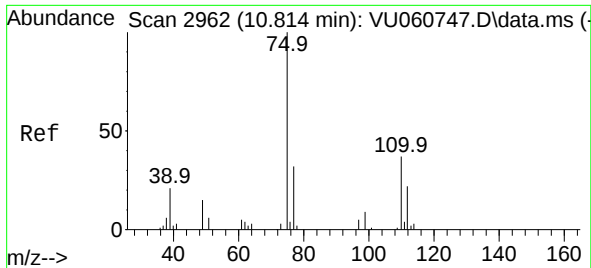
Tgt Ion: 83 Resp: 5485
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.8#
98 27.0 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU060758.D
Acq: 13 Sep 2024 17:08

Tgt Ion: 63 Resp: 2692
Ion Ratio Lower Upper
63 100
112 0.0 2.3 3.5#





#61

1,2,3-Trichloropropane

Concen: 1.170 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU060758.D

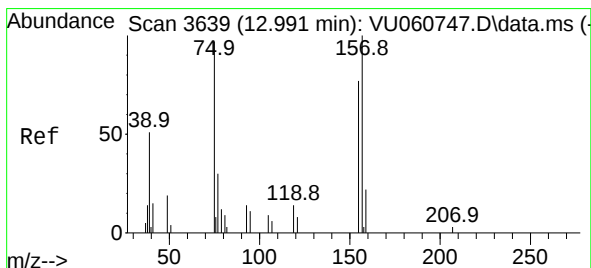
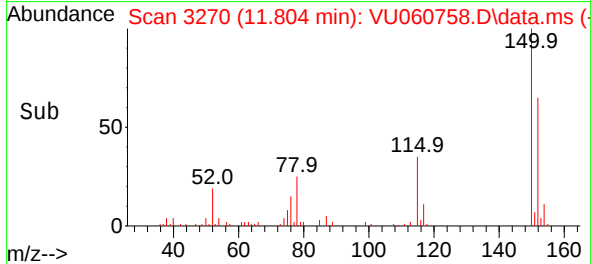
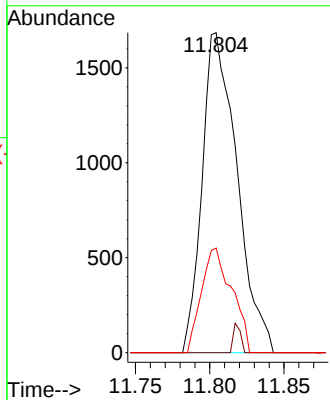
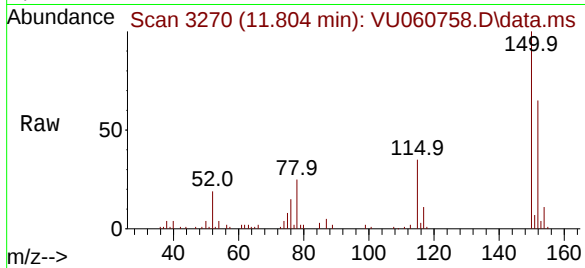
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75	Resp:	2744
Ion Ratio	Lower	Upper
75	100	
110	1.9	30.2 45.4#
77	28.5	25.4 38.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.081 ug/L

RT: 12.759 min Scan# 3567

Delta R.T. -0.231 min

Lab File: VU060758.D

Acq: 13 Sep 2024 17:08

Tgt Ion: 75	Resp:	43
Ion Ratio	Lower	Upper
75	100	
155	0.0	62.7 94.1#
157	0.0	70.4 105.6#

