

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
 Data File : VU055374.D
 Acq On : 18 Sep 2023 16:25
 Operator : MD/SY
 Sample : 04387-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 01:16:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

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

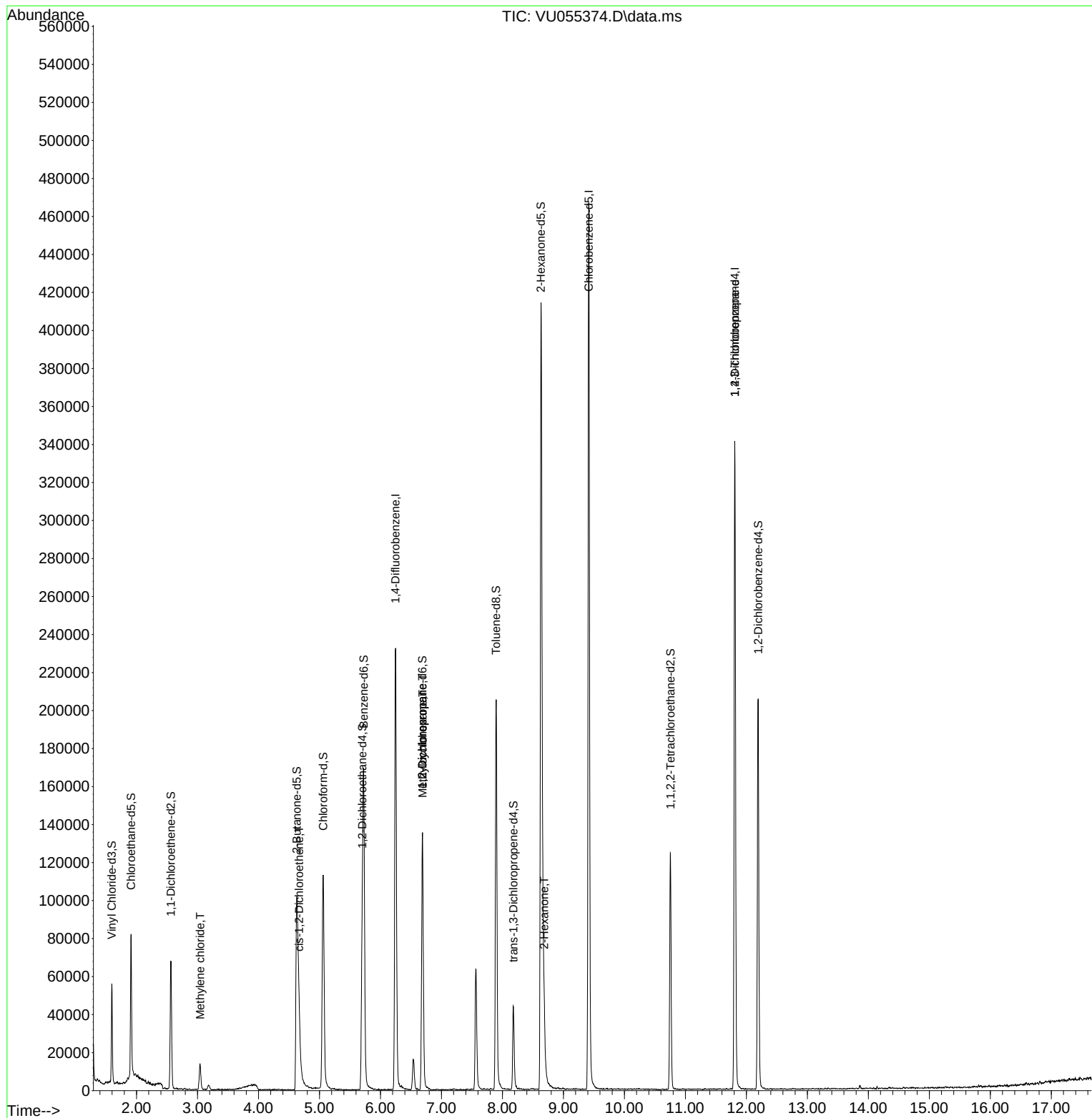
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	185573	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	263623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35699	3.347	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.911	69	51021	4.238	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.563	65	13175	3.415	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.628	46	184585	62.582	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.160%
24) Chloroform-d	5.062	84	105060	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.701	65	59383	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.724	84	154987	2.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	56.000%#
36) 1,2-Dichloropropane-d6	6.689	67	62230	3.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.000%
41) Toluene-d8	7.898	98	143912	3.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.400%#
43) trans-1,3-Dichloroprop...	8.180	79	25029	3.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.631	63	134100	55.166	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.340%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	60378	3.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	50705	4.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	6433	0.331	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	6764	0.403	ug/L	92
35) Methylcyclohexane	6.692	83	15585	0.432	ug/L #	21
37) 1,2-Dichloropropane	6.689	63	7180	0.313	ug/L #	91
48) 2-Hexanone	8.685	43	20644	2.519	ug/L #	84
61) 1,2,3-Trichloropropane	11.811	75	12731	1.499	ug/L #	67

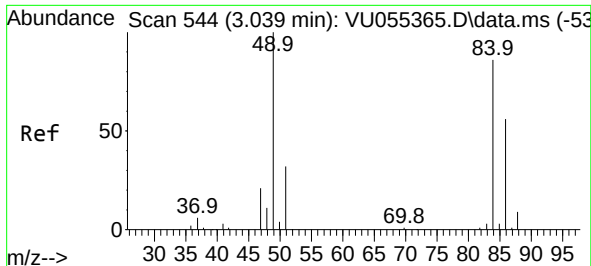
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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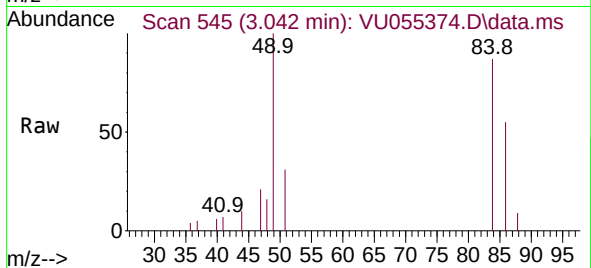
Quant Time: Sep 19 01:16:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
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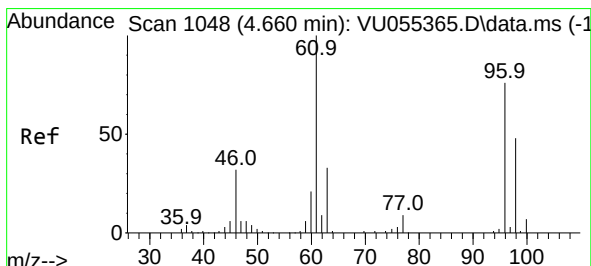
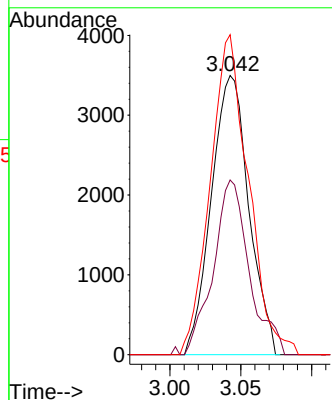
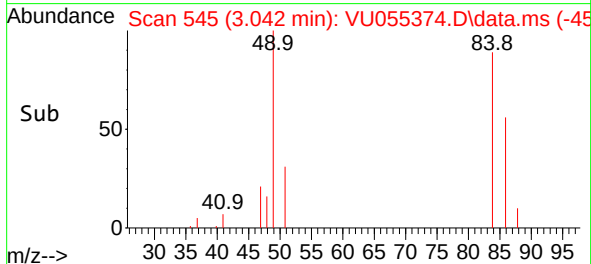


#16
Methylene chloride
Concen: 0.331 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055374.D
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MSVOA_U
ClientSampleId :

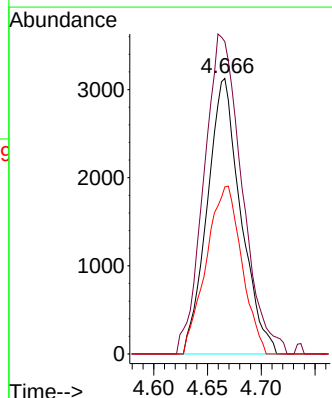
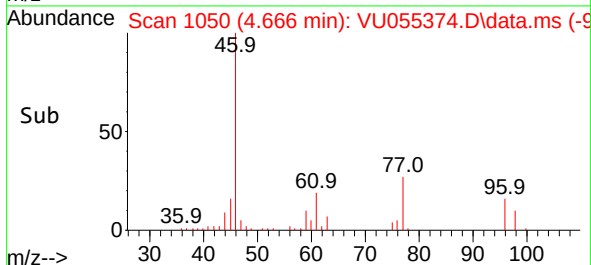
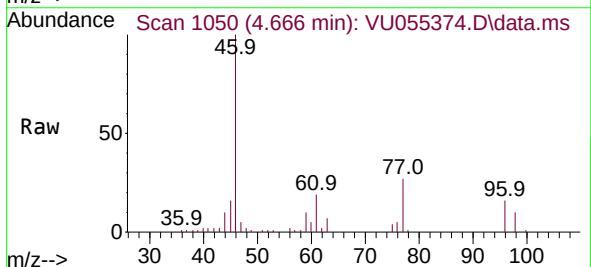


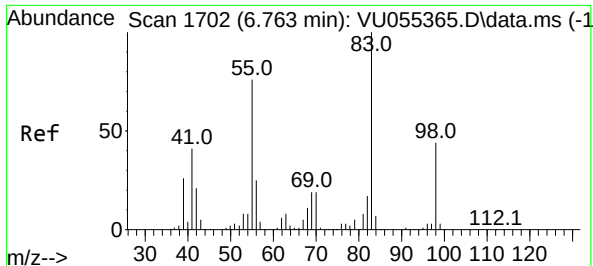
Tgt Ion: 84 Resp: 6433
Ion Ratio Lower Upper
84 100
86 62.6 42.4 78.8
49 114.6 79.9 148.3



#22
cis-1,2-Dichloroethene
Concen: 0.403 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU055374.D
Acq: 18 Sep 2023 16:25

Tgt Ion: 96 Resp: 6764
Ion Ratio Lower Upper
96 100
61 113.3 88.1 163.7
98 60.6 43.5 80.7





#35

Methylcyclohexane

Concen: 0.432 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055374.D

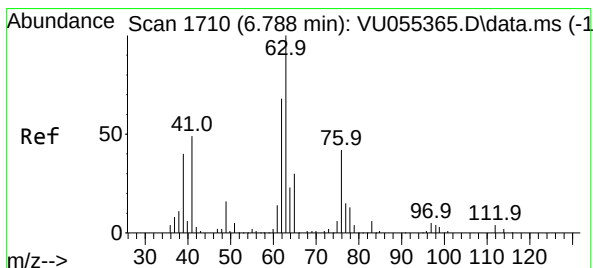
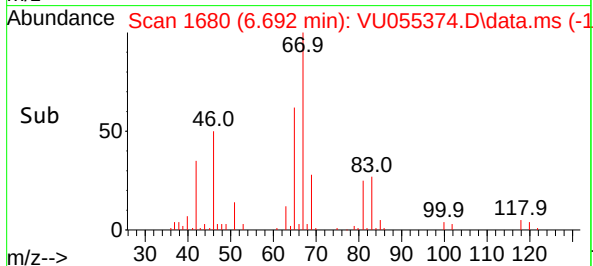
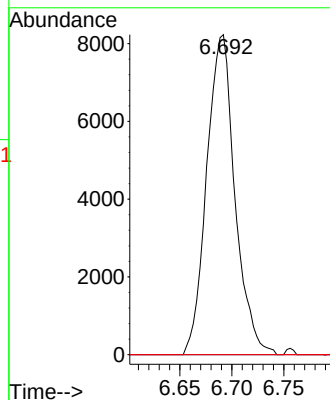
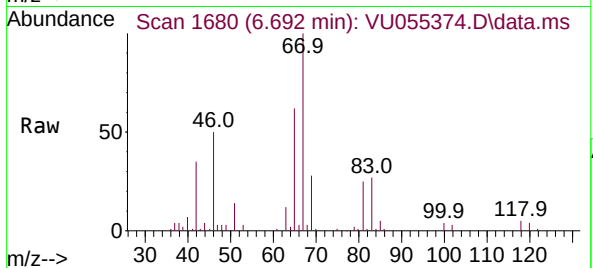
Acq: 18 Sep 2023 16:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 15585
Ion Ratio	Lower Upper
83	100
55	0.1 58.7 88.1#
98	2.4 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.313 ug/L

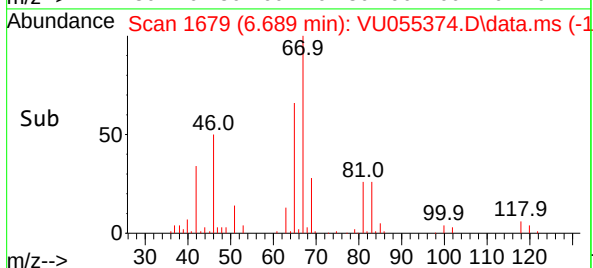
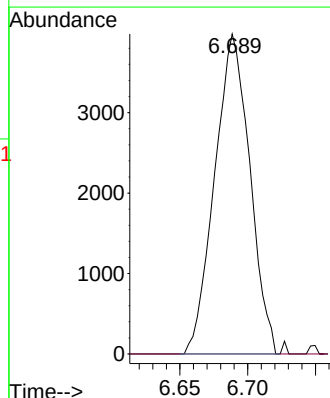
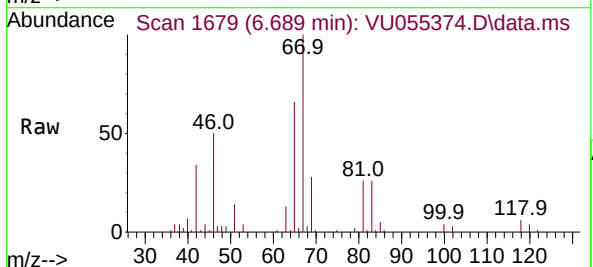
RT: 6.689 min Scan# 1679

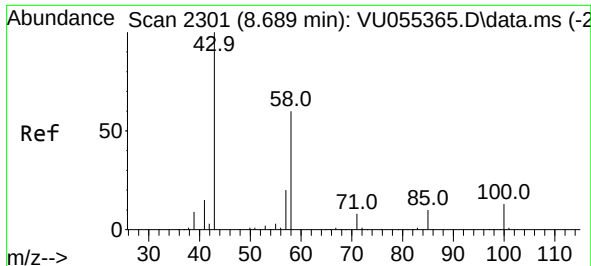
Delta R.T. -0.100 min

Lab File: VU055374.D

Acq: 18 Sep 2023 16:25

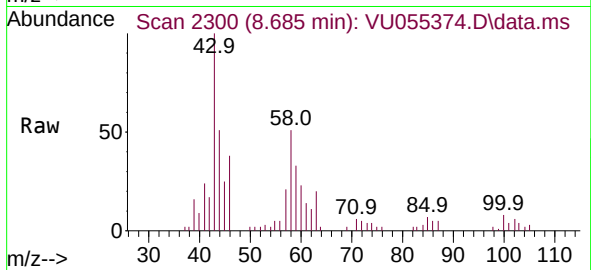
Tgt Ion: 63	Resp: 7180
Ion Ratio	Lower Upper
63	100
112	0.7 3.0 4.4#



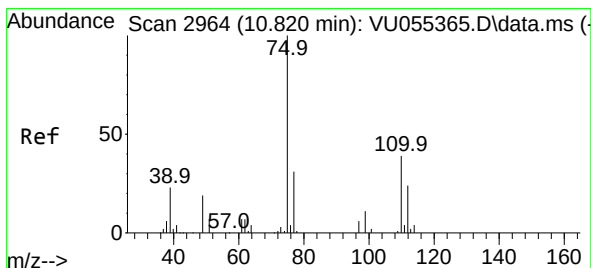
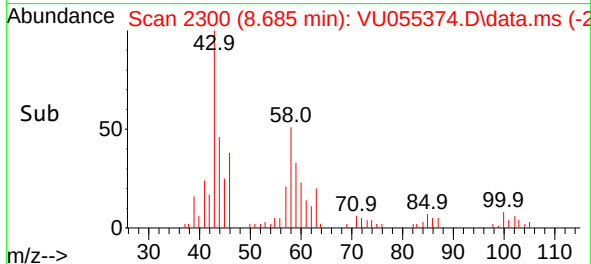
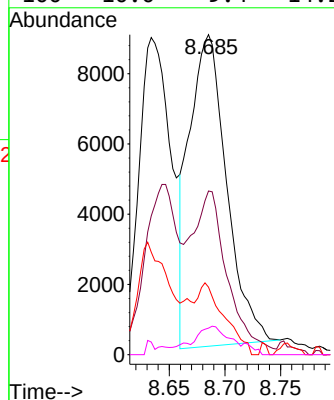


#48
2-Hexanone
Concen: 2.519 ug/L
RT: 8.685 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055374.D
Acq: 18 Sep 2023 16:25

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Tgt Ion:	43	Resp:	20644
Ion Ratio	100	Lower	Upper
58	44.2	47.8	71.6#
57	16.2	15.4	23.2
100	10.0	9.4	14.2



#61
1,2,3-Trichloropropane
Concen: 1.499 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055374.D
Acq: 18 Sep 2023 16:25

Tgt Ion:	75	Resp:	12731
Ion Ratio	100	Lower	Upper
110	3.1	31.4	47.2#
77	31.2	26.0	39.0

