

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052908.D
 Acq On : 01 Feb 2023 16:19
 Operator : JC/MD
 Sample : 01381-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44N4

Quant Time: Feb 01 20:06:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

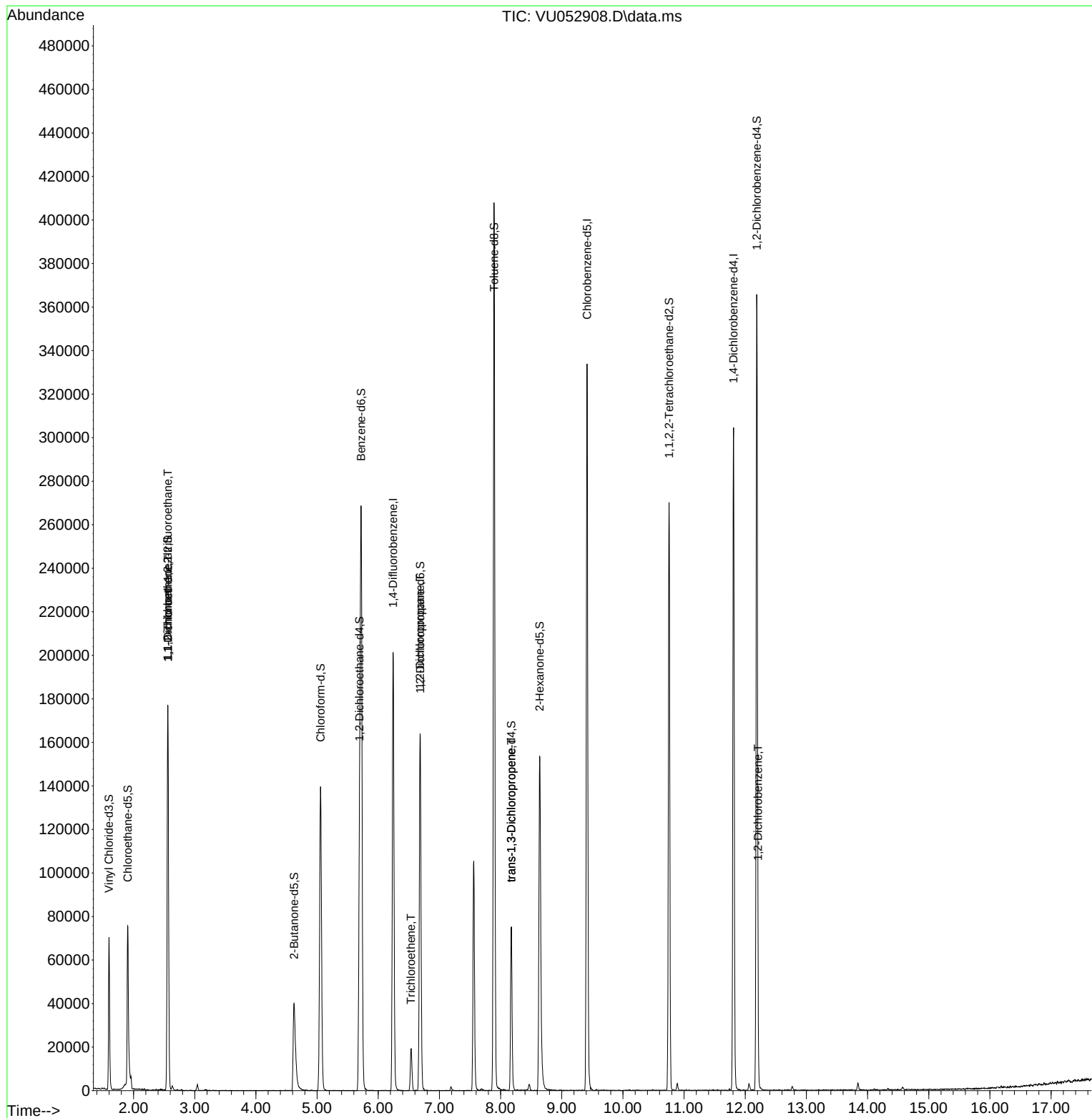
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	175849	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	191149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86246	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54862	43.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.700%
7) Chloroethane-d5	1.906	69	57051	54.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.559	63	104292	41.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.860%
21) 2-Butanone-d5	4.623	46	61684	78.892	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.890%
24) Chloroform-d	5.057	84	134749	49.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.780%
26) 1,2-Dichloroethane-d4	5.694	65	88885	51.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.060%
32) Benzene-d6	5.719	84	261071	44.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.687	67	73097	42.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.360%
41) Toluene-d8	7.893	98	264596	49.757	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
43) trans-1,3-Dichloroprop...	8.176	79	43807	51.030	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.060%
47) 2-Hexanone-d5	8.639	63	56735	94.274	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.270%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	124585	49.232	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.460%
66) 1,2-Dichlorobenzene-d4	12.188	152	100630	60.090	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.180%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1066	0.752	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	954	0.733	ug/L #	1
34) Trichloroethene	6.536	95	6332	3.829	ug/L	84
37) 1,2-Dichloropropane	6.684	63	8355	5.223	ug/L #	85
44) trans-1,3-Dichloropropene	8.176	75	2042	0.829	ug/L #	72
67) 1,2-Dichlorobenzene	12.208	146	2670	0.939	ug/L	92

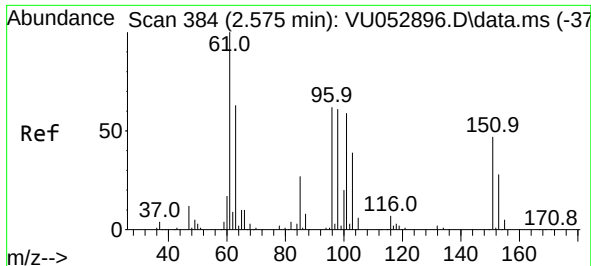
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 20:03:09 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.752 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU052908.D

Acq: 01 Feb 2023 16:19

Instrument :

MSVOA_U

ClientSampleId :

A44N4

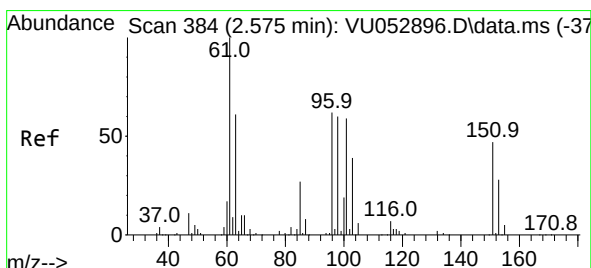
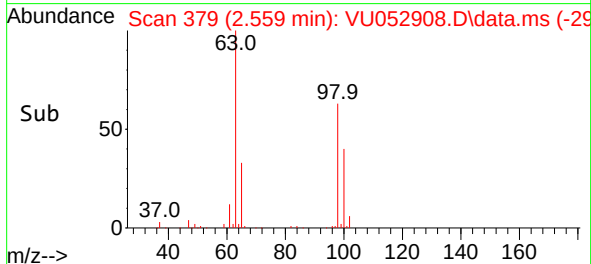
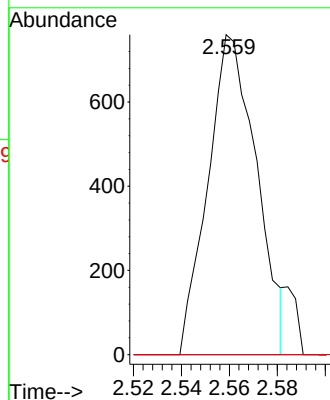
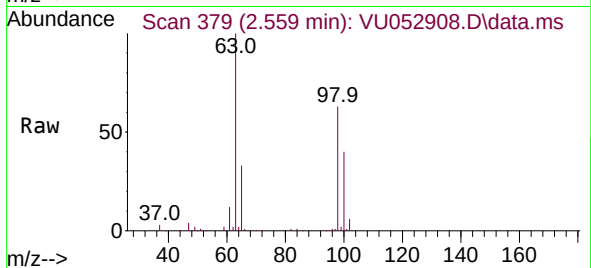
Tgt Ion:101 Resp: 1066

Ion Ratio Lower Upper

101 100

85 0.0 32.9 49.3#

151 0.0 62.6 94.0#



#12

1,1-Dichloroethene

Concen: 0.733 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU052908.D

Acq: 01 Feb 2023 16:19

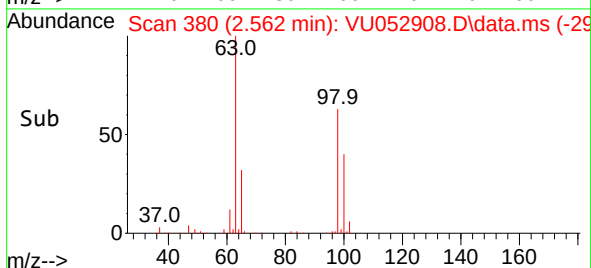
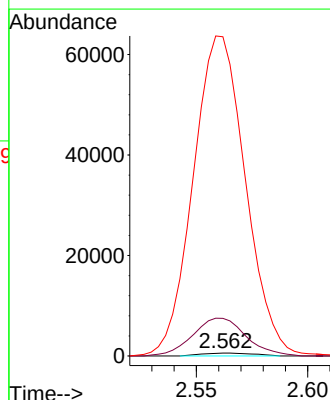
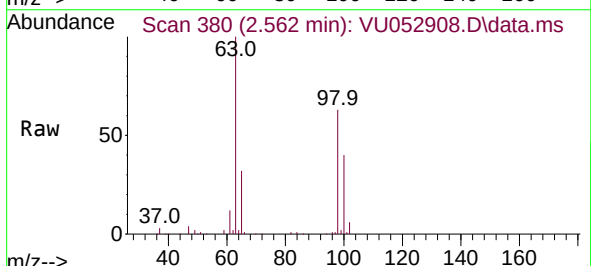
Tgt Ion: 96 Resp: 954

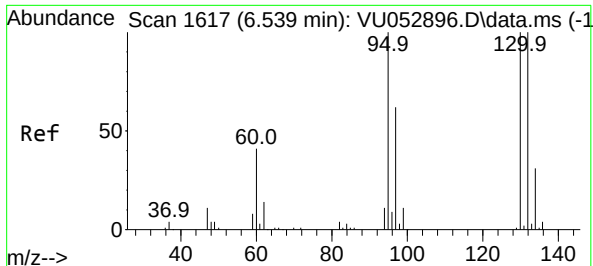
Ion Ratio Lower Upper

96 100

61 1332.2 114.3 212.3#

63 11308.2 80.6 149.6#



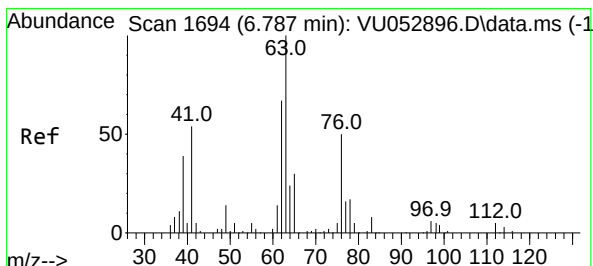
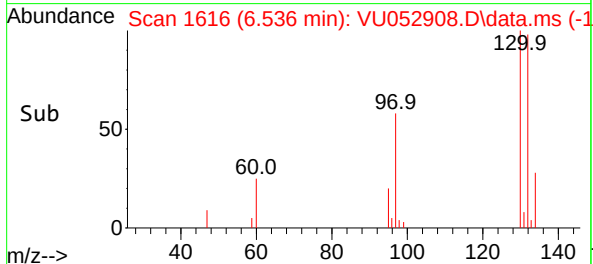
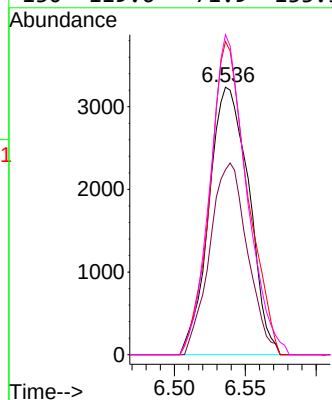
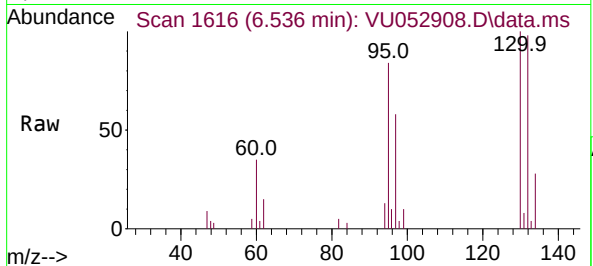


#34
Trichloroethene
Concen: 3.829 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052908.D
Acq: 01 Feb 2023 16:19

Instrument :
MSVOA_U
ClientSampleId :
A44N4

Tgt Ion: 95 Resp: 6332

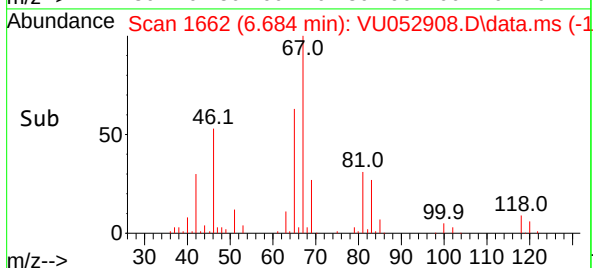
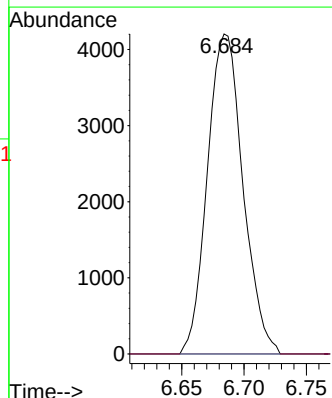
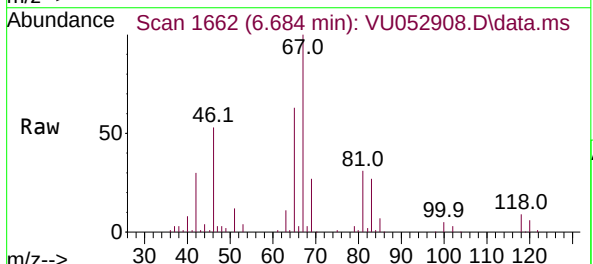
Ion	Ratio	Lower	Upper
95	100		
97	69.1	44.5	82.7
132	117.1	66.8	124.0
130	119.6	71.9	133.5

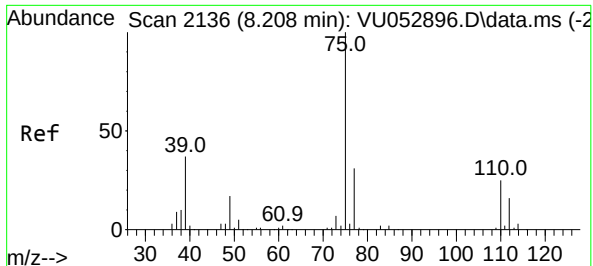


#37
1,2-Dichloropropane
Concen: 5.223 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU052908.D
Acq: 01 Feb 2023 16:19

Tgt Ion: 63 Resp: 8355

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

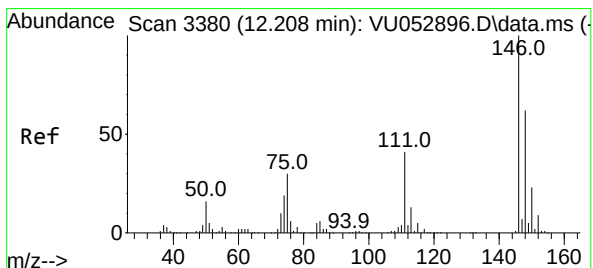
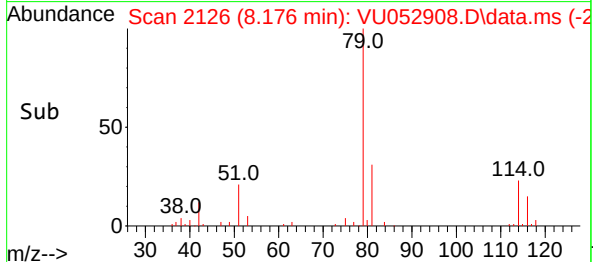
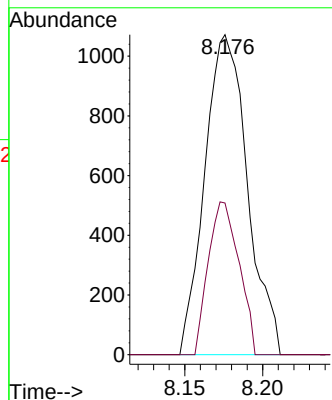
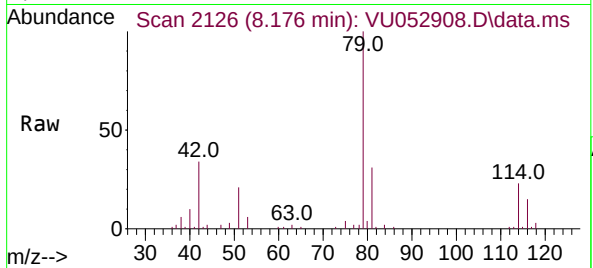




#44
trans-1,3-Dichloropropene
Concen: 0.829 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU052908.D
Acq: 01 Feb 2023 16:19

Instrument :
MSVOA_U
ClientSampleId :
A44N4

Tgt Ion: 75 Resp: 2042
Ion Ratio Lower Upper
75 100
77 47.4 22.3 41.3#



#67
1,2-Dichlorobenzene
Concen: 0.939 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052908.D
Acq: 01 Feb 2023 16:19

Tgt Ion: 146 Resp: 2670
Ion Ratio Lower Upper
146 100
111 47.0 33.2 49.8
148 68.4 50.2 75.4

