

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026270.D
 Acq On : 20 Jun 2023 15:20
 Operator : SY/MD
 Sample : 03334-02
 Misc : 3.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBTZ9

Quant Time: Jun 21 01:13:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

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

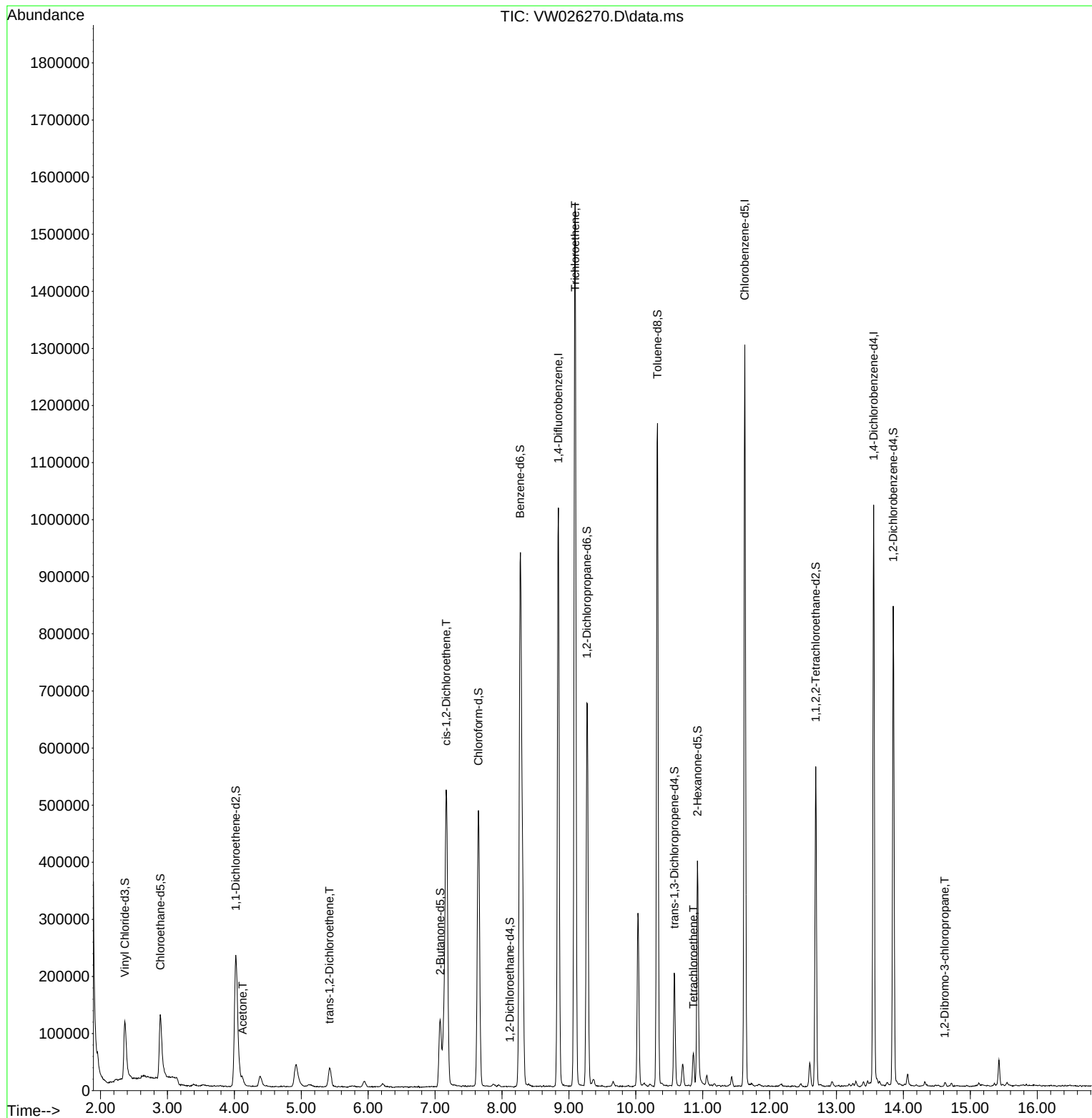
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	791706	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	656211	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	240906	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	181296	16.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.120%
7) Chloroethane-d5	2.893	69	175524	21.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	4.021	65	96395	17.552	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.200%
21) 2-Butanone-d5	7.075	46	211523	65.233	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.460%
24) Chloroform-d	7.648	84	491610	21.205	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	8.118	65	80	0.006	ug/L	-0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.270	84	931968	21.106	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.440%
36) 1,2-Dichloropropane-d6	9.270	67	322289	23.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.160%
41) Toluene-d8	10.325	98	744845	19.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.080%
43) trans-1,3-Dichloroprop...	10.575	79	105850	19.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.360%
47) 2-Hexanone-d5	10.922	63	128535	58.273	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	282422	27.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	196284	21.287	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.160%
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	18254	7.275	ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	20493	1.812	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	287735	24.019	ug/L	97
34) Trichloroethene	9.093	95	548462	47.648	ug/L	98
46) Tetrachloroethene	10.861	164	12276	1.508	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.617	75	1142	0.913	ug/L #	8

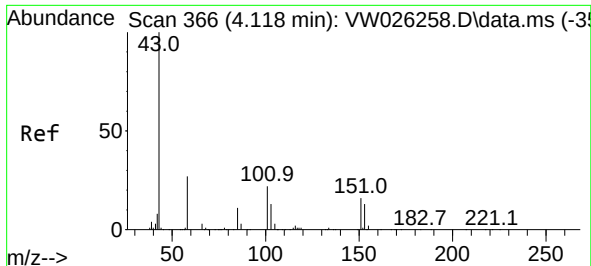
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 21 01:13:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 21 01:09:17 2023
Response via : Initial Calibration





#13

Acetone

Concen: 7.275 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.007 min

Lab File: VW026270.D

Acq: 20 Jun 2023 15:20

Instrument :

MSVOA_W

ClientSampleId :

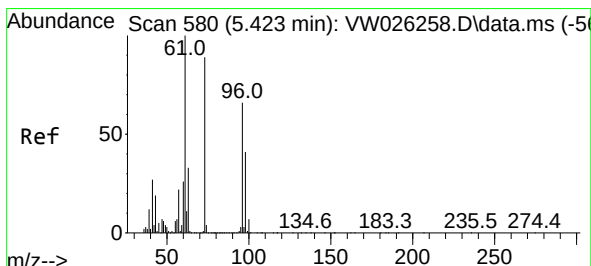
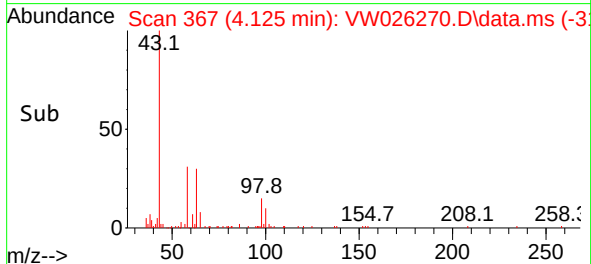
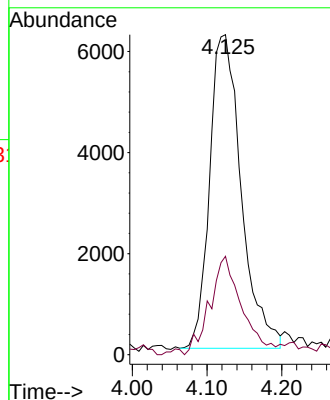
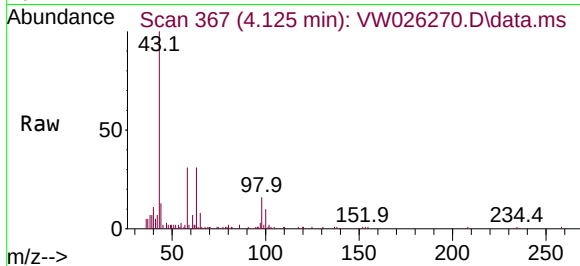
YBTZ9

Tgt Ion: 43 Resp: 18254

Ion Ratio Lower Upper

43 100

58 24.4 0.0 58.2



#17

trans-1,2-Dichloroethene

Concen: 1.812 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW026270.D

Acq: 20 Jun 2023 15:20

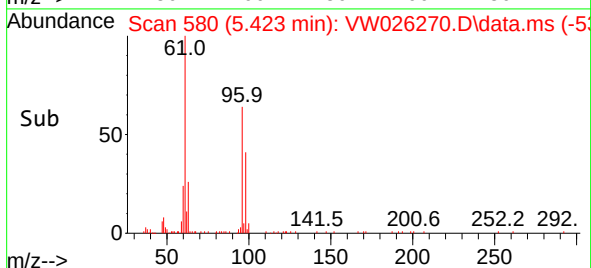
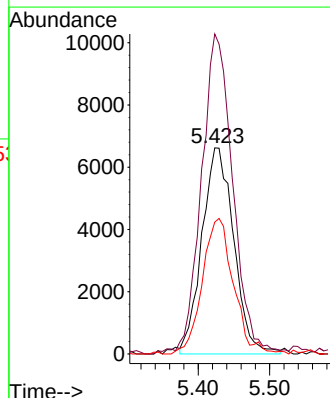
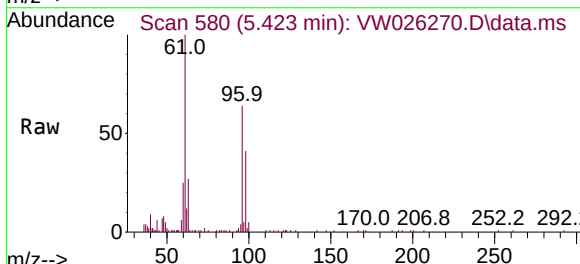
Tgt Ion: 96 Resp: 20493

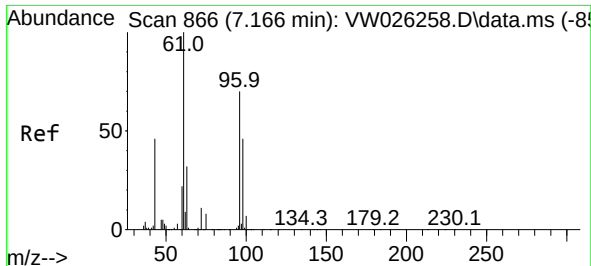
Ion Ratio Lower Upper

96 100

61 155.3 113.0 209.8

98 64.0 42.5 78.9

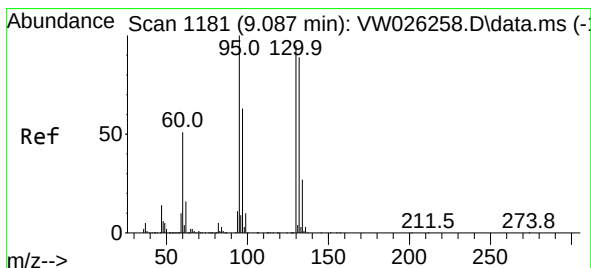
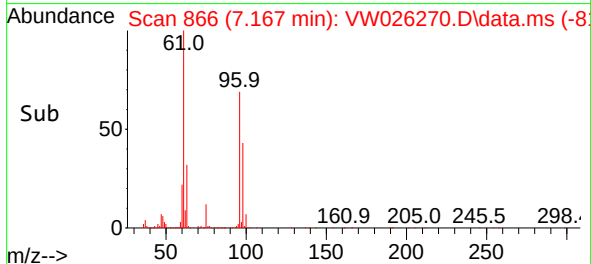
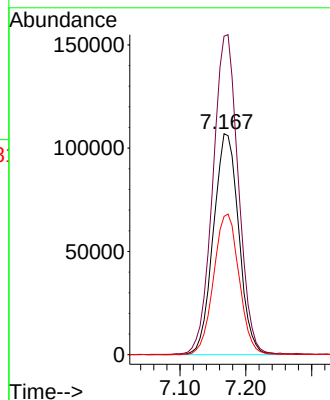
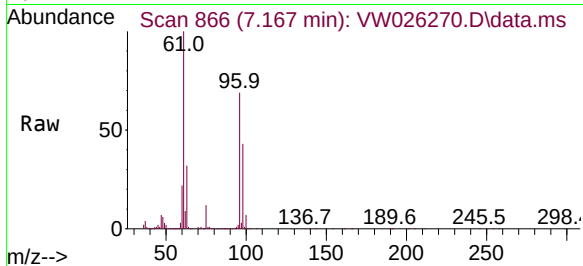




#20
cis-1,2-Dichloroethene
Concen: 24.019 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026270.D
Acq: 20 Jun 2023 15:20

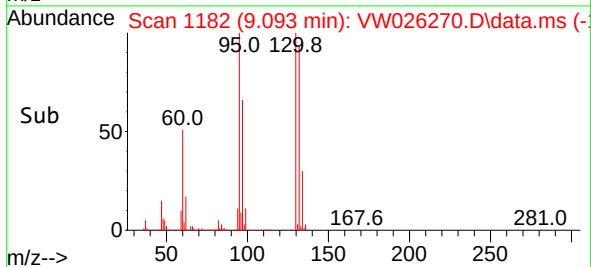
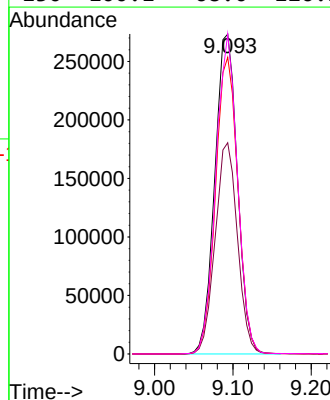
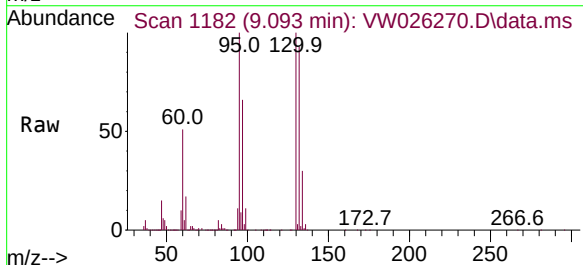
Instrument :
MSVOA_W
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YBTZ9

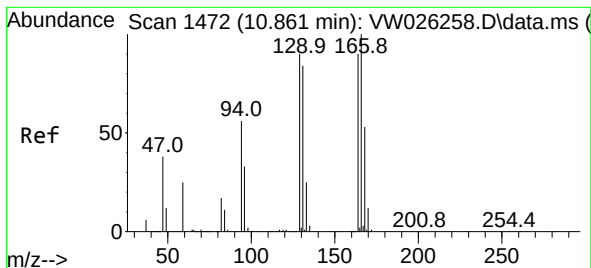
Tgt Ion: 96 Resp: 287735
Ion Ratio Lower Upper
96 100
61 144.2 98.4 182.8
98 62.6 45.2 84.0



#34
Trichloroethene
Concen: 47.648 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.007 min
Lab File: VW026270.D
Acq: 20 Jun 2023 15:20

Tgt Ion: 95 Resp: 548462
Ion Ratio Lower Upper
95 100
97 66.0 45.9 85.3
132 92.8 67.1 124.7
130 100.1 68.0 126.2





#46

Tetrachloroethene

Concen: 1.508 ug/L

RT: 10.861 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW026270.D

Acq: 20 Jun 2023 15:20

Instrument :

MSVOA_W

ClientSampleId :

YBTZ9

Tgt Ion:164 Resp: 12276

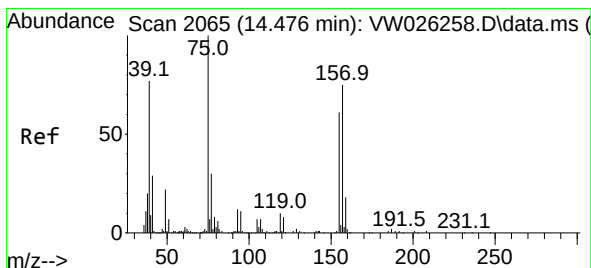
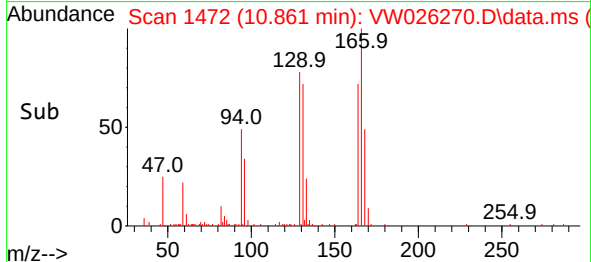
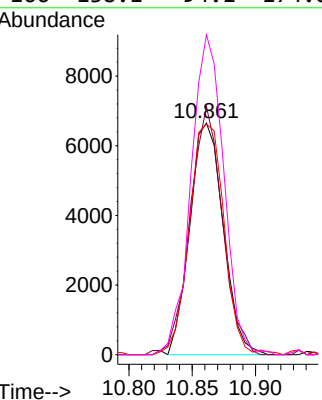
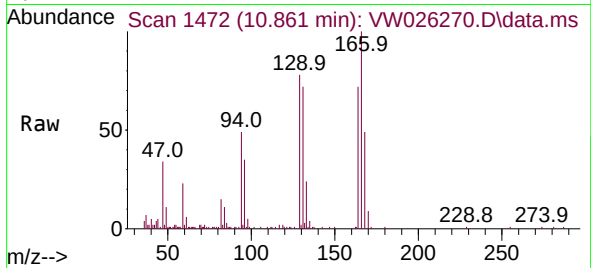
Ion Ratio Lower Upper

164 100

129 107.1 68.5 127.1

131 99.5 67.1 124.7

166 138.1 94.1 174.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.913 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. 0.141 min

Lab File: VW026270.D

Acq: 20 Jun 2023 15:20

Tgt Ion: 75 Resp: 1142

Ion Ratio Lower Upper

75 100

155 0.0 59.0 88.6#

157 0.0 71.7 107.5#

