

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030522.D
 Acq On : 12 Apr 2023 17:00
 Operator : SY/MD
 Sample : 02250-03DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHD4DL

Quant Time: Apr 13 02:50:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

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

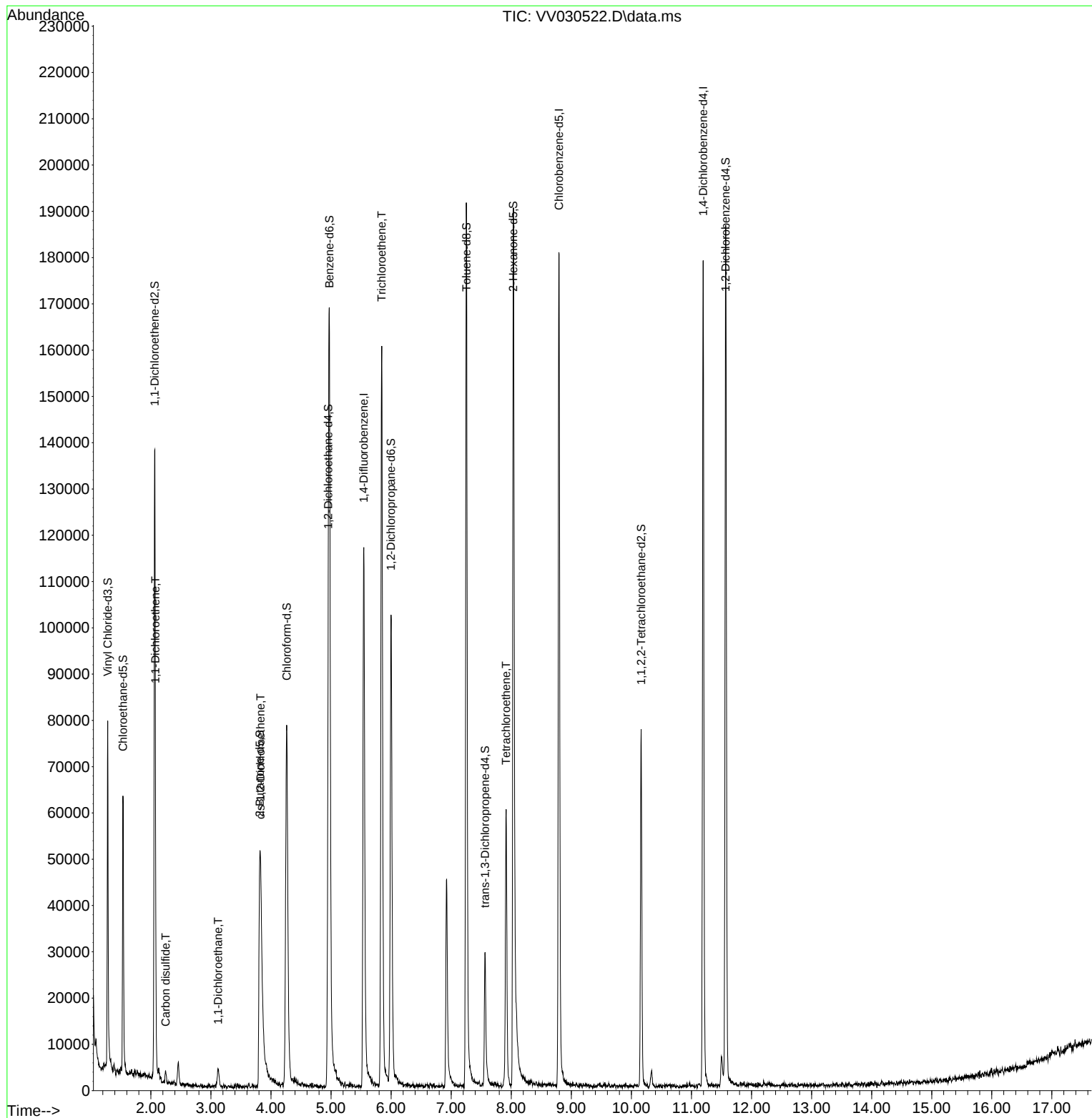
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	99274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	100158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	48663	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48686	7.405	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 148.000%#		
7) Chloroethane-d5	1.535	69	37429	5.866	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 117.400%		
11) 1,1-Dichloroethene-d2	2.063	63	71289	4.569	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 91.400%		
20) 2-Butanone-d5	3.812	46	84306	49.608	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 99.220%		
24) Chloroform-d	4.262	84	80737	5.073	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.400%		
26) 1,2-Dichloroethane-d4	4.953	65	41762	5.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.200%		
32) Benzene-d6	4.973	84	145397	5.152	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.000%		
36) 1,2-Dichloropropane-d6	5.998	67	45749	5.177	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.600%		
41) Toluene-d8	7.252	98	127130	4.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.000%		
43) trans-1,3-Dichloroprop...	7.564	79	16858	5.067	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.400%		
46) 2-Hexanone-d5	8.034	63	65751	49.184	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 98.360%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33036	4.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 94.800%		
66) 1,2-Dichlorobenzene-d4	11.570	152	47892	5.506	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.076	96	4903	0.591	ug/L #	1
14) Carbon disulfide	2.246	76	2943	0.108	ug/L	96
19) 1,1-Dichloroethane	3.121	63	3620	0.214	ug/L #	90
22) cis-1,2-Dichloroethene	3.828	96	4599	0.524	ug/L	99
34) Trichloroethene	5.844	95	53518	5.578	ug/L	98
47) Tetrachloroethene	7.915	164	13537	1.599	ug/L	97

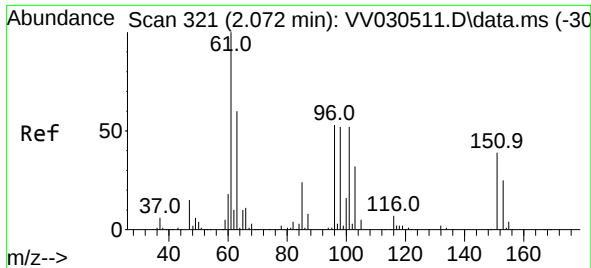
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 02:50:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 13 02:44:31 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.591 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030522.D

Acq: 12 Apr 2023 17:00

Instrument :

MSVOA_V

ClientSampleId :

BHDX4DL

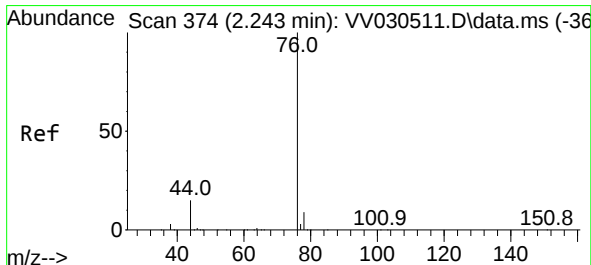
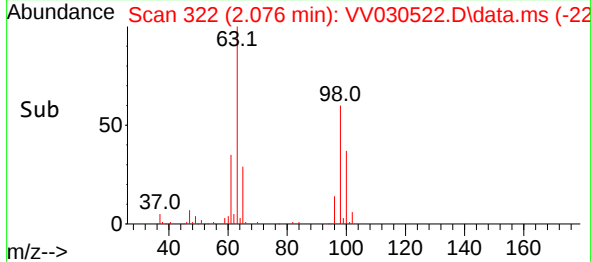
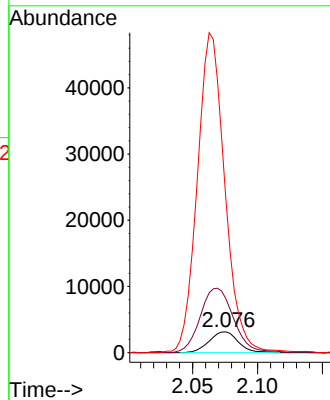
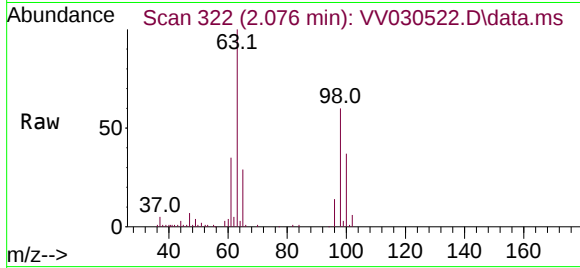
Tgt Ion: 96 Resp: 4903

Ion Ratio Lower Upper

96 100

61 259.4 136.3 253.1#

63 739.6 92.1 171.1#



#14

Carbon disulfide

Concen: 0.108 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV030522.D

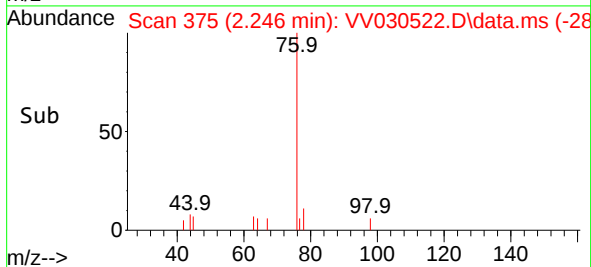
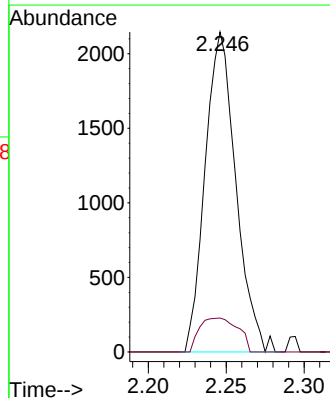
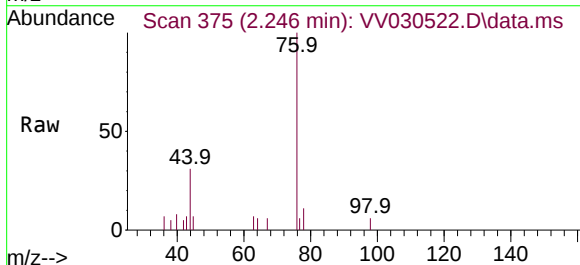
Acq: 12 Apr 2023 17:00

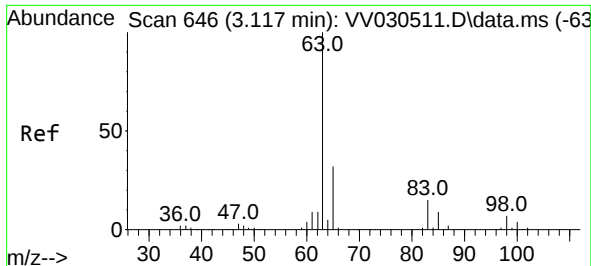
Tgt Ion: 76 Resp: 2943

Ion Ratio Lower Upper

76 100

78 10.6 7.3 10.9





#19

1,1-Dichloroethane

Concen: 0.214 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030522.D

Acq: 12 Apr 2023 17:00

Instrument :

MSVOA_V

ClientSampleId :

BHDX4DL

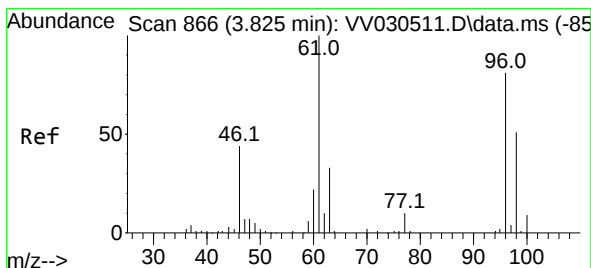
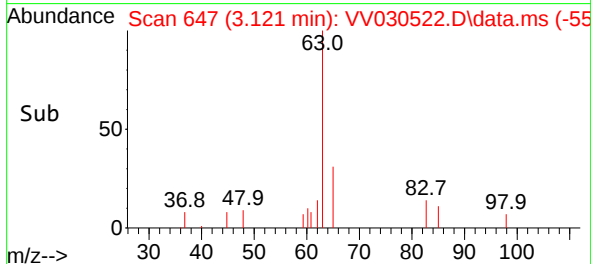
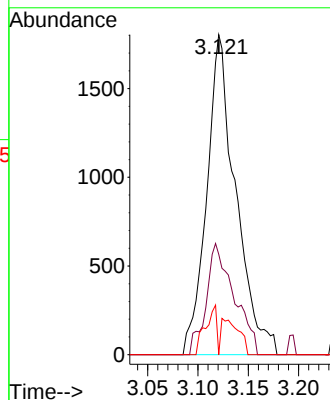
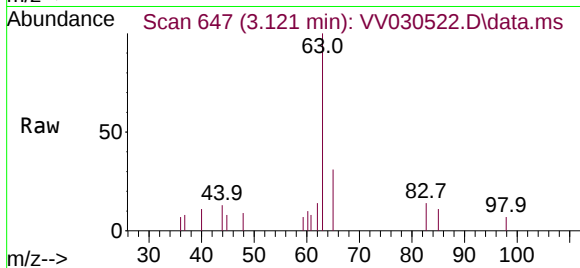
Tgt Ion: 63 Resp: 3620

Ion Ratio Lower Upper

63 100

65 31.4 21.7 40.3

83 0.0 9.1 16.9#



#22

cis-1,2-Dichloroethene

Concen: 0.524 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030522.D

Acq: 12 Apr 2023 17:00

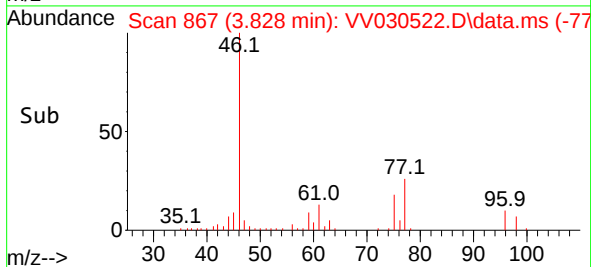
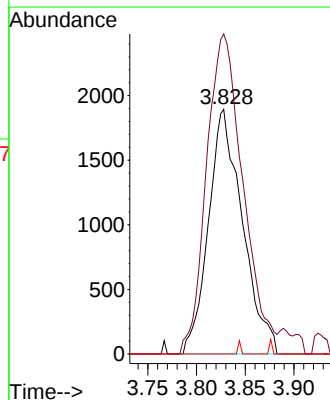
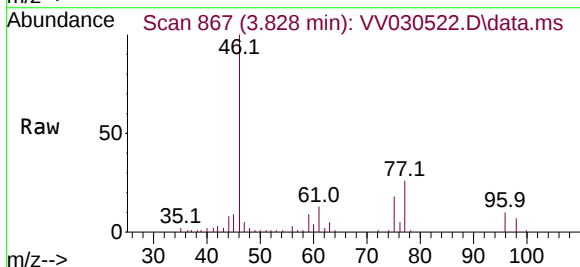
Tgt Ion: 96 Resp: 4599

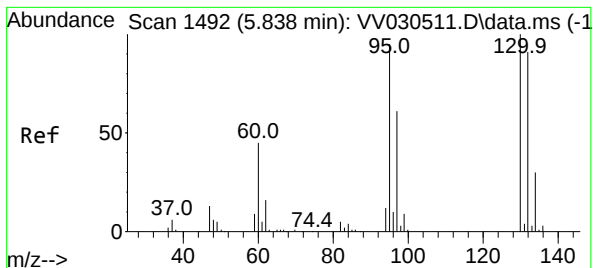
Ion Ratio Lower Upper

96 100

61 130.8 92.0 170.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 5.578 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV030522.D

Acq: 12 Apr 2023 17:00

Instrument :

MSVOA_V

ClientSampleId :

BHDX4DL

Tgt Ion: 95 Resp: 53518

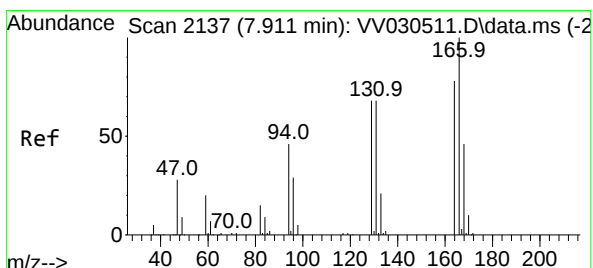
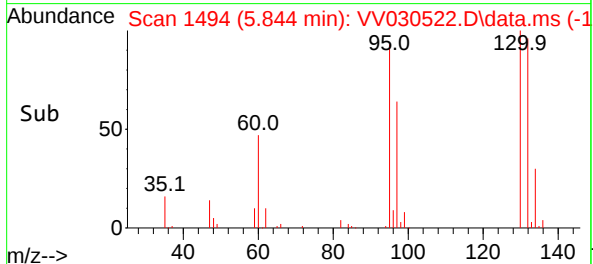
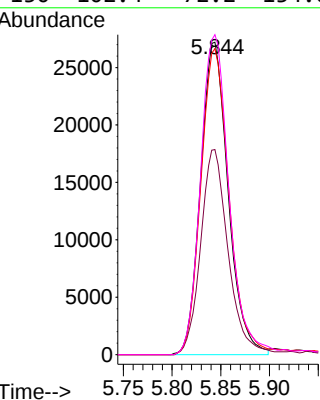
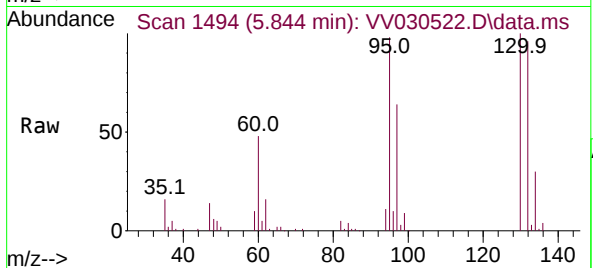
Ion Ratio Lower Upper

95 100

97 65.6 44.2 82.2

132 98.0 69.5 129.1

130 102.4 72.2 134.0



#47

Tetrachloroethene

Concen: 1.599 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030522.D

Acq: 12 Apr 2023 17:00

Tgt Ion: 164 Resp: 13537

Ion Ratio Lower Upper

164 100

129 90.6 60.8 112.8

131 87.6 61.7 114.7

166 128.0 85.6 159.0

