

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029631.D
 Acq On : 13 Dec 2022 05:33
 Operator : SY/MD
 Sample : N5928-13DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ74DL

Quant Time: Dec 13 06:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

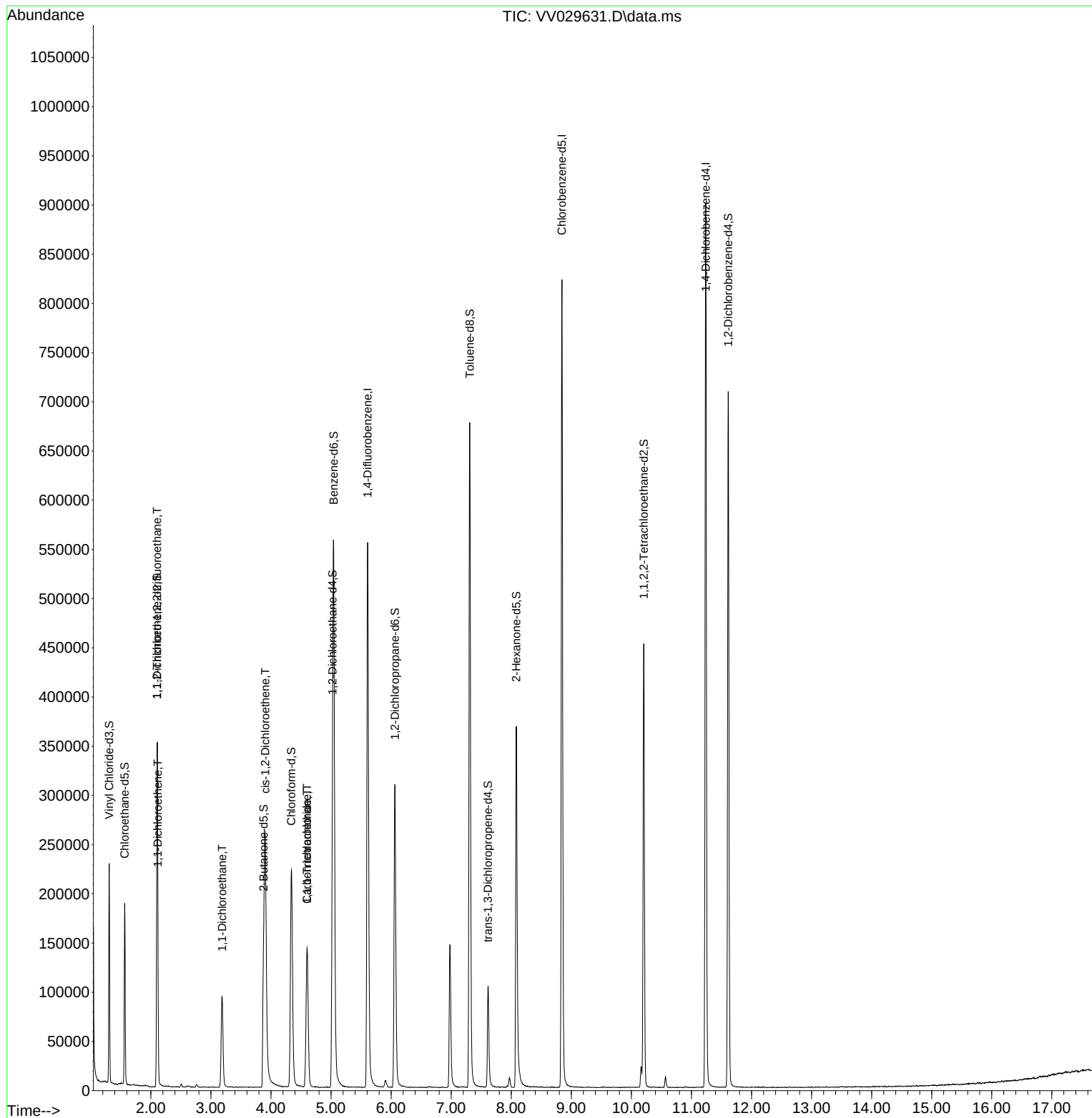
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	512123	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	476440	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	246656	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	139637	44.527	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.060%
7) Chloroethane-d5	1.564	69	115112	48.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.280%
11) 1,1-Dichloroethene-d2	2.105	63	181081	37.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.040%
21) 2-Butanone-d5	3.876	46	171352	89.570	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.570%
24) Chloroform-d	4.339	84	242060	41.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.040%
26) 1,2-Dichloroethane-d4	5.024	65	144508	42.874	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.740%
32) Benzene-d6	5.043	84	535373	42.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.060%
36) 1,2-Dichloropropane-d6	6.063	67	160742	41.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.600%
41) Toluene-d8	7.310	98	479519	40.425	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.860%
43) trans-1,3-Dichloroprop...	7.612	79	64352	33.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.280%
47) 2-Hexanone-d5	8.085	63	139400	84.892	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.890%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	223764	40.721	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.440%
66) 1,2-Dichlorobenzene-d4	11.612	152	191201	40.721	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.440%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1842	0.688	ug/L #	18
12) 1,1-Dichloroethene	2.117	96	4023	1.470	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	97223	17.993	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	118654	34.210	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	119376	22.998	ug/L	99
31) Carbon tetrachloride	4.600	117	15950	3.519	ug/L	99

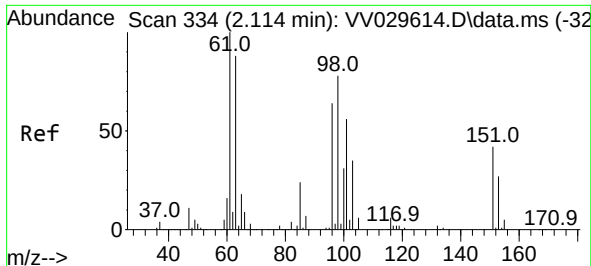
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 13 04:57:44 2022
Response via : Initial Calibration





#10

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

Concen: 0.688 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.010 min

Lab File: VV029631.D

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Instrument :

MSVOA_V

ClientSampleId :

EXZ74DL

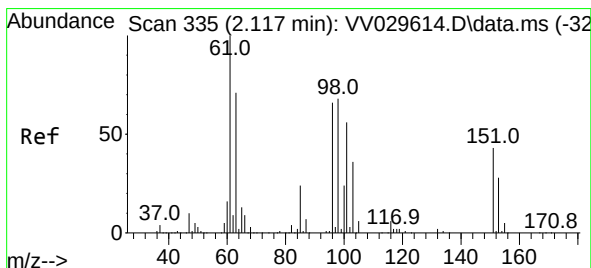
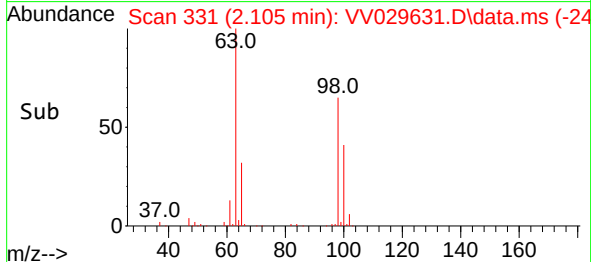
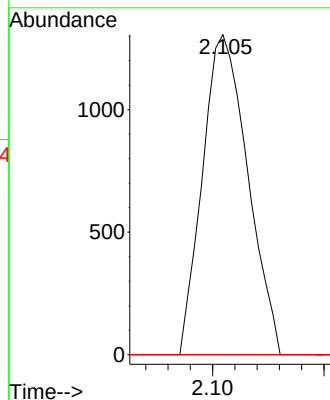
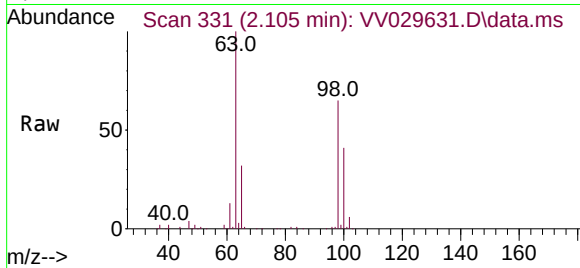
Tgt Ion:101 Resp: 1842

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 63.5 95.3#



#12

1,1-Dichloroethene

Concen: 1.470 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV029631.D

Acq: 13 Dec 2022 05:33

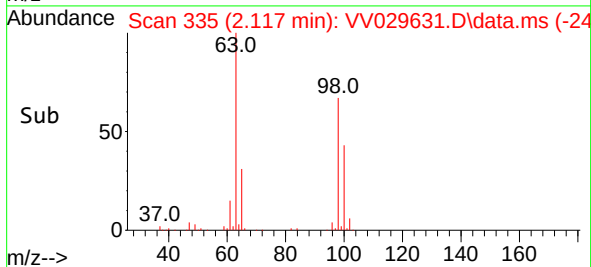
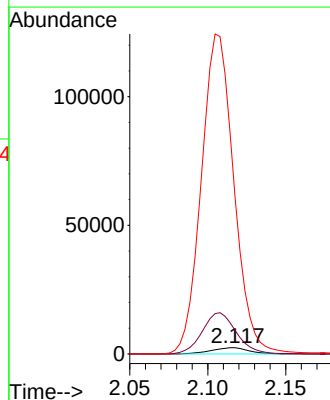
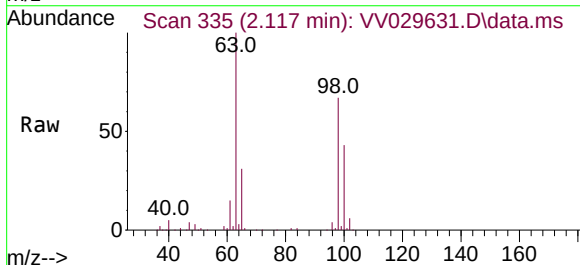
Tgt Ion: 96 Resp: 4023

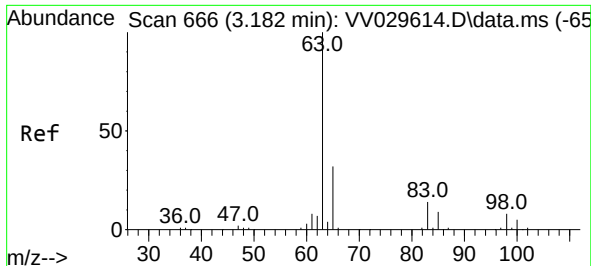
Ion Ratio Lower Upper

96 100

61 376.9 103.3 191.9#

63 2509.6 77.3 143.7#





#19

1,1-Dichloroethane

Concen: 17.993 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

EXZ74DL

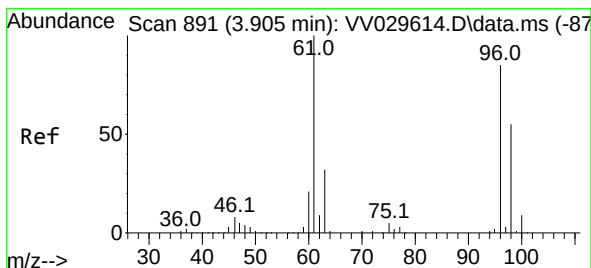
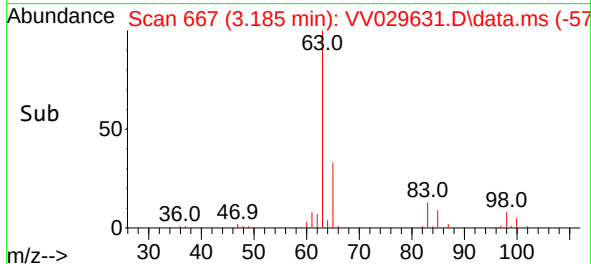
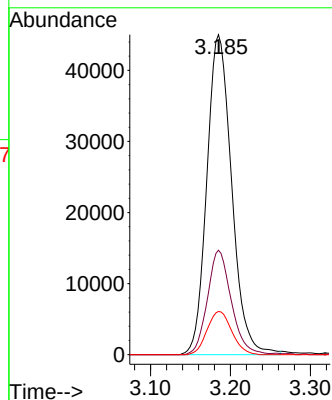
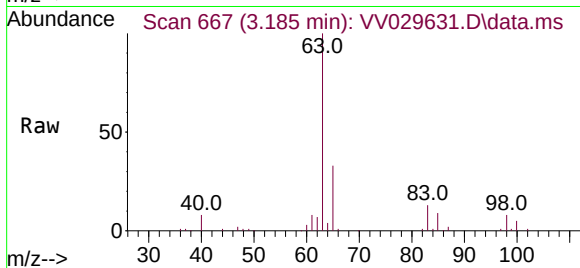
Tgt Ion: 63 Resp: 97223

Ion Ratio Lower Upper

63 100

65 32.7 22.5 41.7

83 13.5 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 34.210 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV029631.D

Acq: 13 Dec 2022 05:33

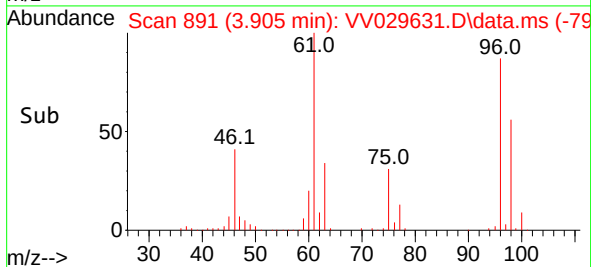
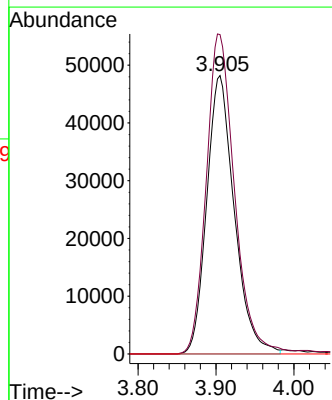
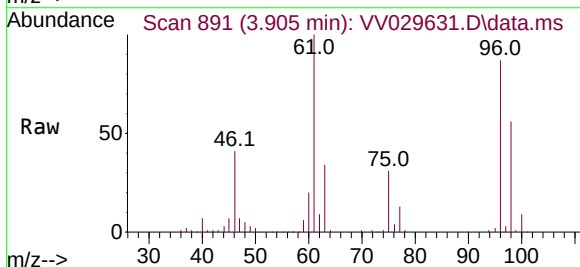
Tgt Ion: 96 Resp: 118654

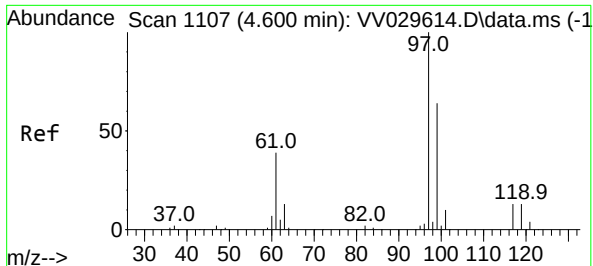
Ion Ratio Lower Upper

96 100

61 114.7 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 22.998 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029631.D

Acq: 13 Dec 2022 05:33

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MSVOA_V

ClientSampleId :

EXZ74DL

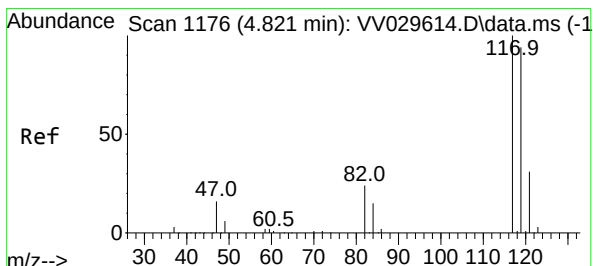
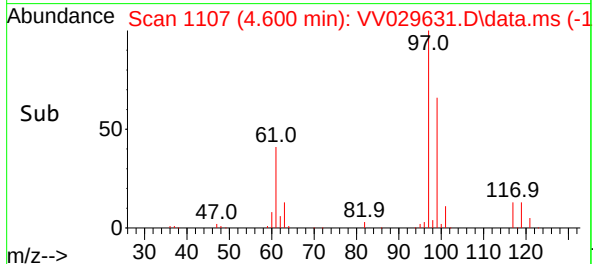
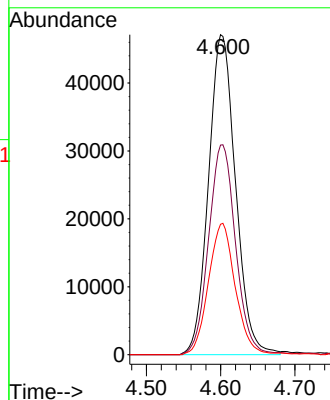
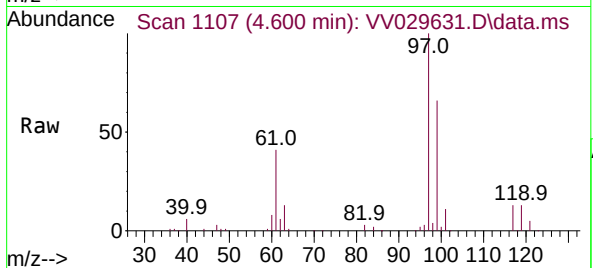
Tgt Ion: 97 Resp: 119376

Ion Ratio Lower Upper

97 100

99 65.3 52.1 78.1

61 40.5 31.8 47.8



#31

Carbon tetrachloride

Concen: 3.519 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.222 min

Lab File: VV029631.D

Acq: 13 Dec 2022 05:33

Tgt Ion: 117 Resp: 15950

Ion Ratio Lower Upper

117 100

119 96.6 76.7 115.1

