

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018745.D
 Acq On : 02 Oct 2020 14:12
 Operator : JC/SP
 Sample : L4171-12DL 5X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3T9DL 5X

Quant Time: Oct 03 06:02:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	201078	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	190280	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	111231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58700	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.70	69	48090	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.34	63	104424	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.55	46	164523	53.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.80%
24) Chloroform-d	5.14	84	141725	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	6.03	65	86950	5.01	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	6.05	84	239819	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	7.37	67	70674	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	8.70	98	226862	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
45) trans-1,3-Dichloropropene-	8.99	79	34377	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
48) 2-Hexanone-d5	9.43	63	131082	53.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.36%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	57412	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	100262	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

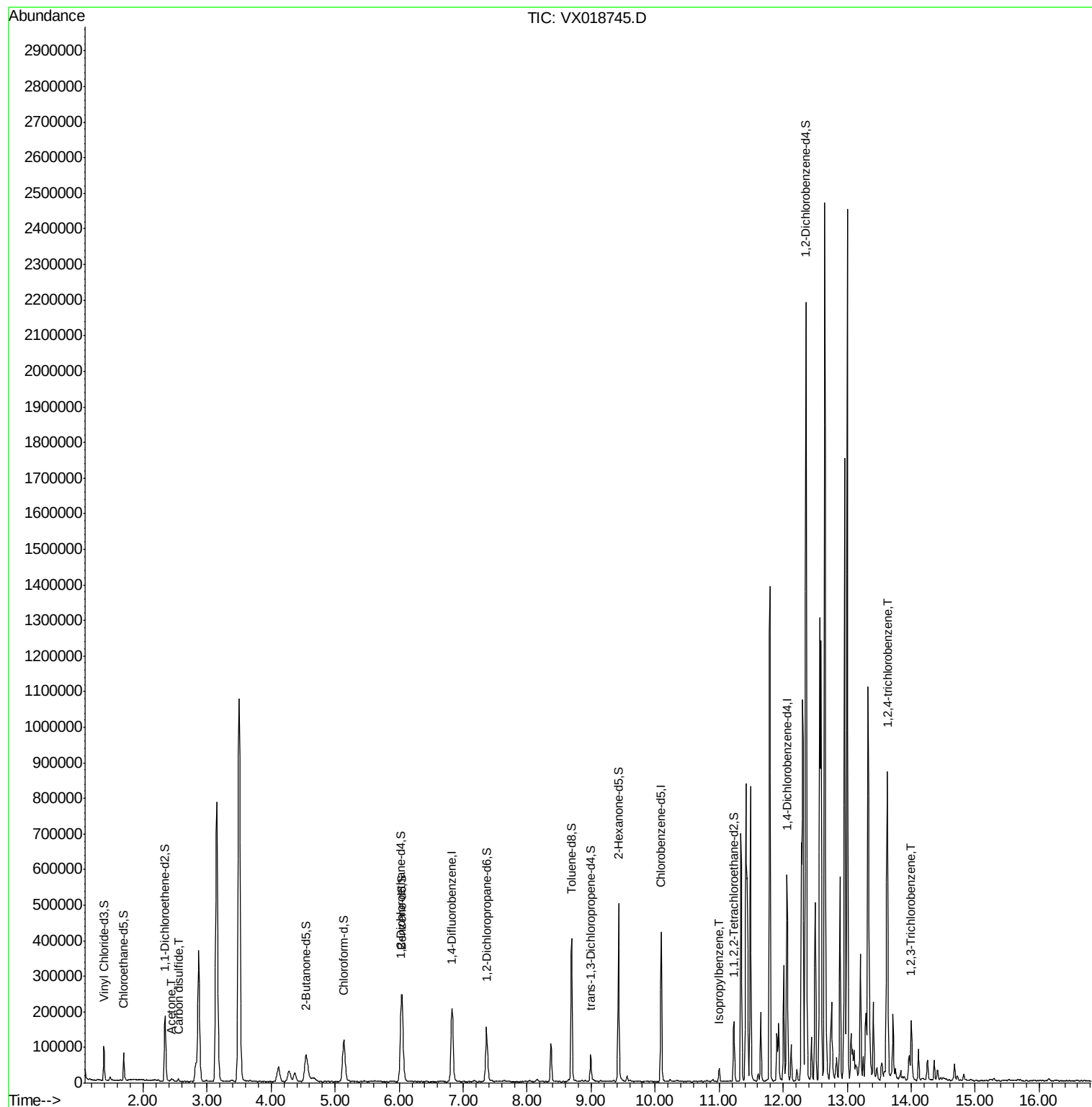
					Ovalue
13) Acetone	2.45	43	14781	8.787 ug/L	93
14) Carbon disulfide	2.55	76	8370	0.267 ug/L	98
58) Isopropylbenzene	11.00	105	17055	0.346 ug/L	94
69) 1,2,4-trichlorobenzene	13.63	180	151407	8.764 ug/L	93
71) 1,2,3-Trichlorobenzene	14.00	180	34535	2.222 ug/L #	92

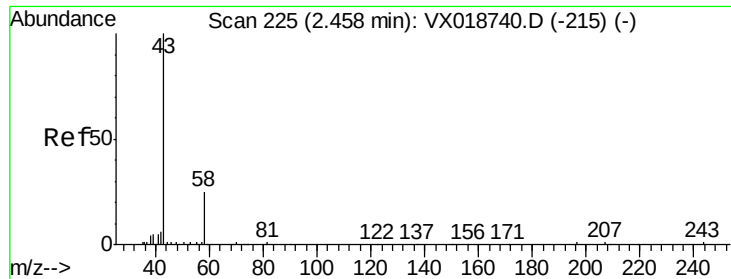
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.787 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.01 min

Lab File: VX018745.D

Acq: 02 Oct 2020 14:12

Instrument :

MSVOA_X

ClientSampled :

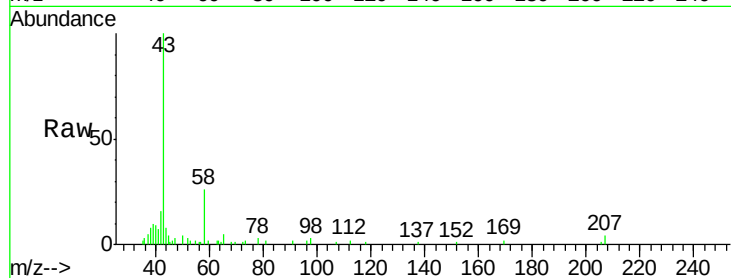
BG3T9DL 5X

Tot Ion: 43 Resp: 14781

Ion Ratio Lower Upper

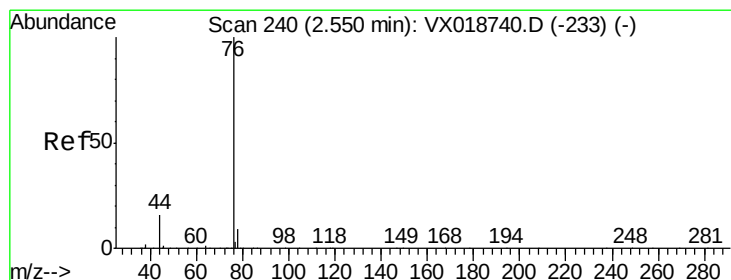
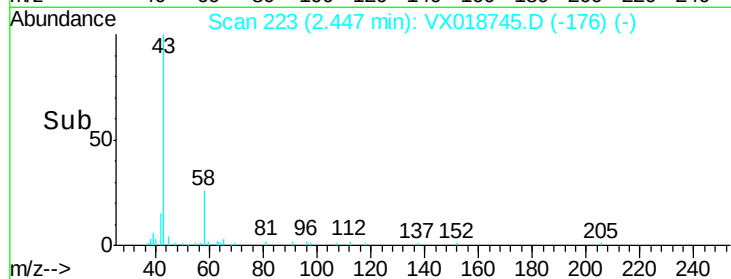
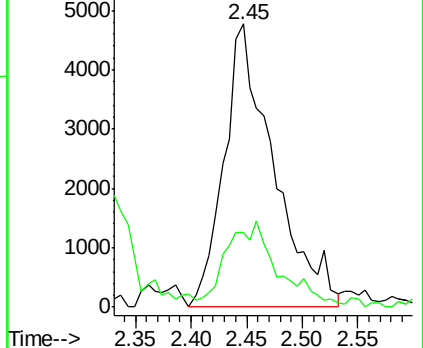
43 100

58 31.7 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 0.267 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018745.D

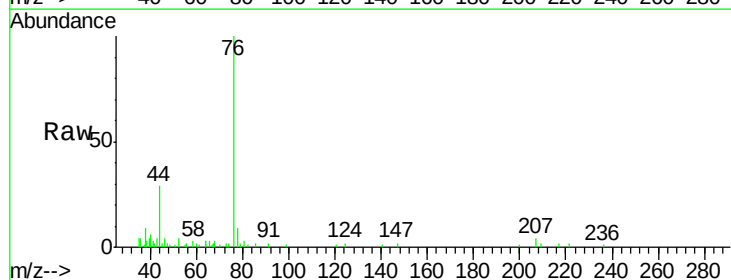
Acq: 02 Oct 2020 14:12

Tgt Ion: 76 Resp: 8370

Ion Ratio Lower Upper

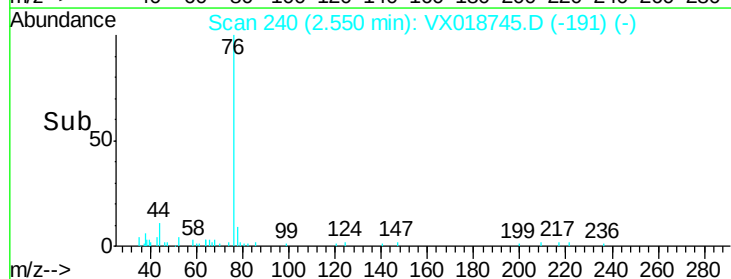
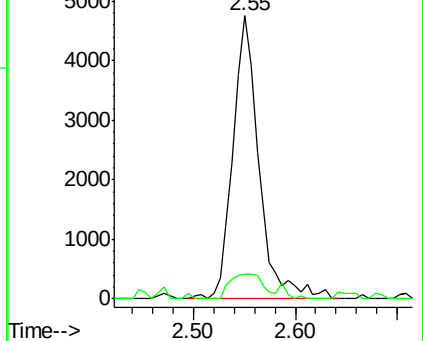
76 100

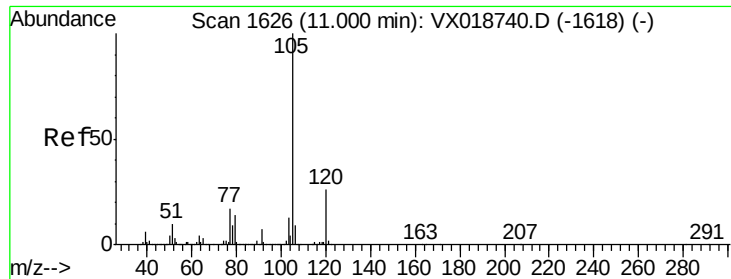
78 8.6 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0





#58

Isopropylbenzene

Concen: 0.346 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018745.D

Acq: 02 Oct 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

BG3T9DL 5X

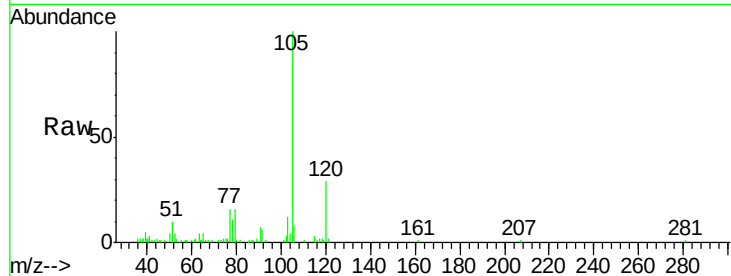
Tot Ion:105 Resp: 17055

Ion Ratio Lower Upper

105 100

120 28.3 20.2 30.2

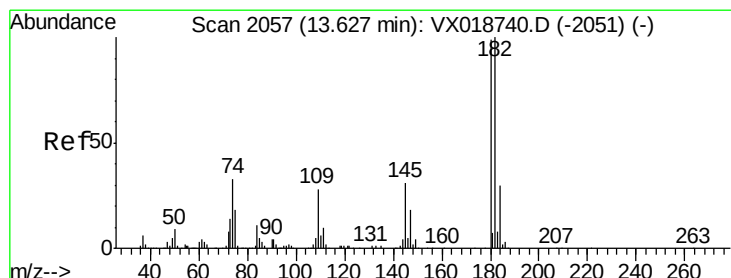
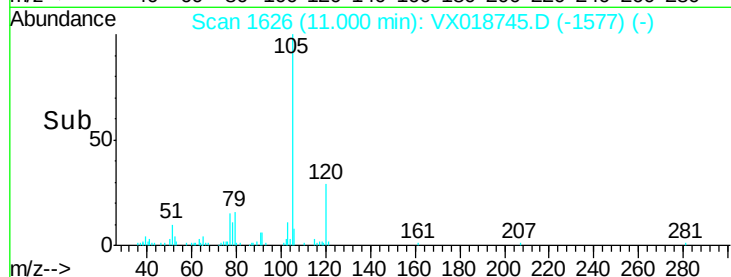
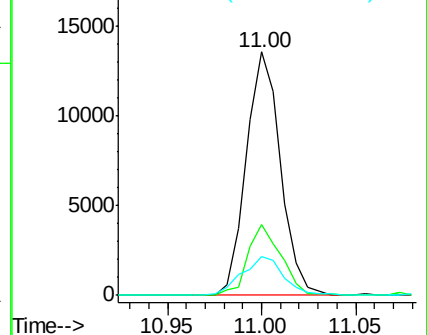
77 19.5 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#69

1,2,4-trichlorobenzene

Concen: 8.764 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018745.D

Acq: 02 Oct 2020 14:12

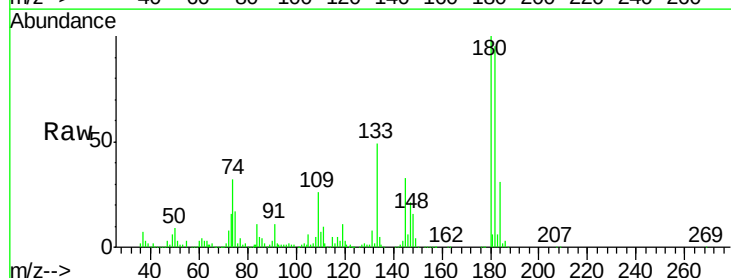
Tgt Ion:180 Resp: 151407

Ion Ratio Lower Upper

180 100

182 92.9 80.2 120.4

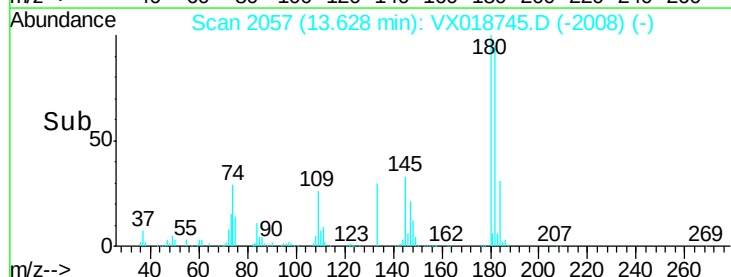
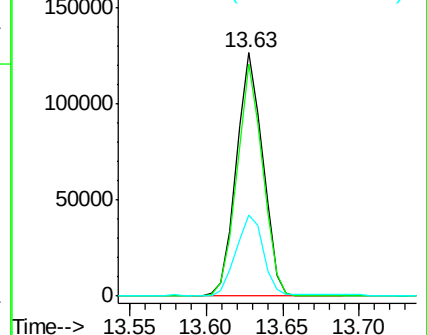
145 34.9 25.2 37.8

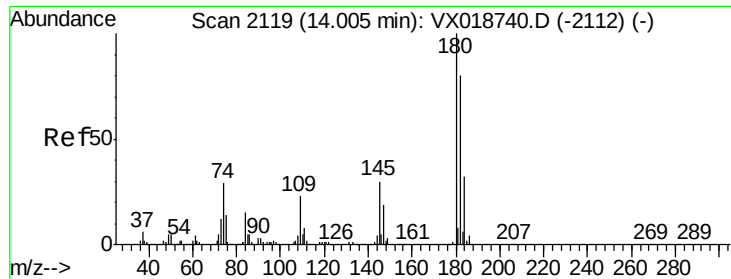


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

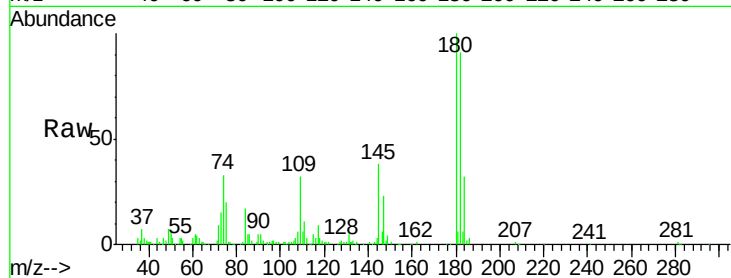




#71
 1,2,3-Trichlorobenzene
 Concen: 2.222 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018745.D
 Acq: 02 Oct 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3T9DL 5X

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	73.6	110.4
145	40.4	26.6	40.0#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

