

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040580.D
 Acq On : 09 Oct 2020 13:48
 Operator : SY/MD
 Sample : L4240-11DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T0DL

Quant Time: Oct 10 04:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 04:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	191522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	190341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	98033	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	62239	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.92	69	51475	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.58	63	94777	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.66	46	246398	48.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.04%
24) Chloroform-d	5.08	84	114492	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.72	65	70865	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.74	84	222741	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.70	67	74020	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.90	98	185422	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.18	79	30176	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	168697	45.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	64044	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	79651	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

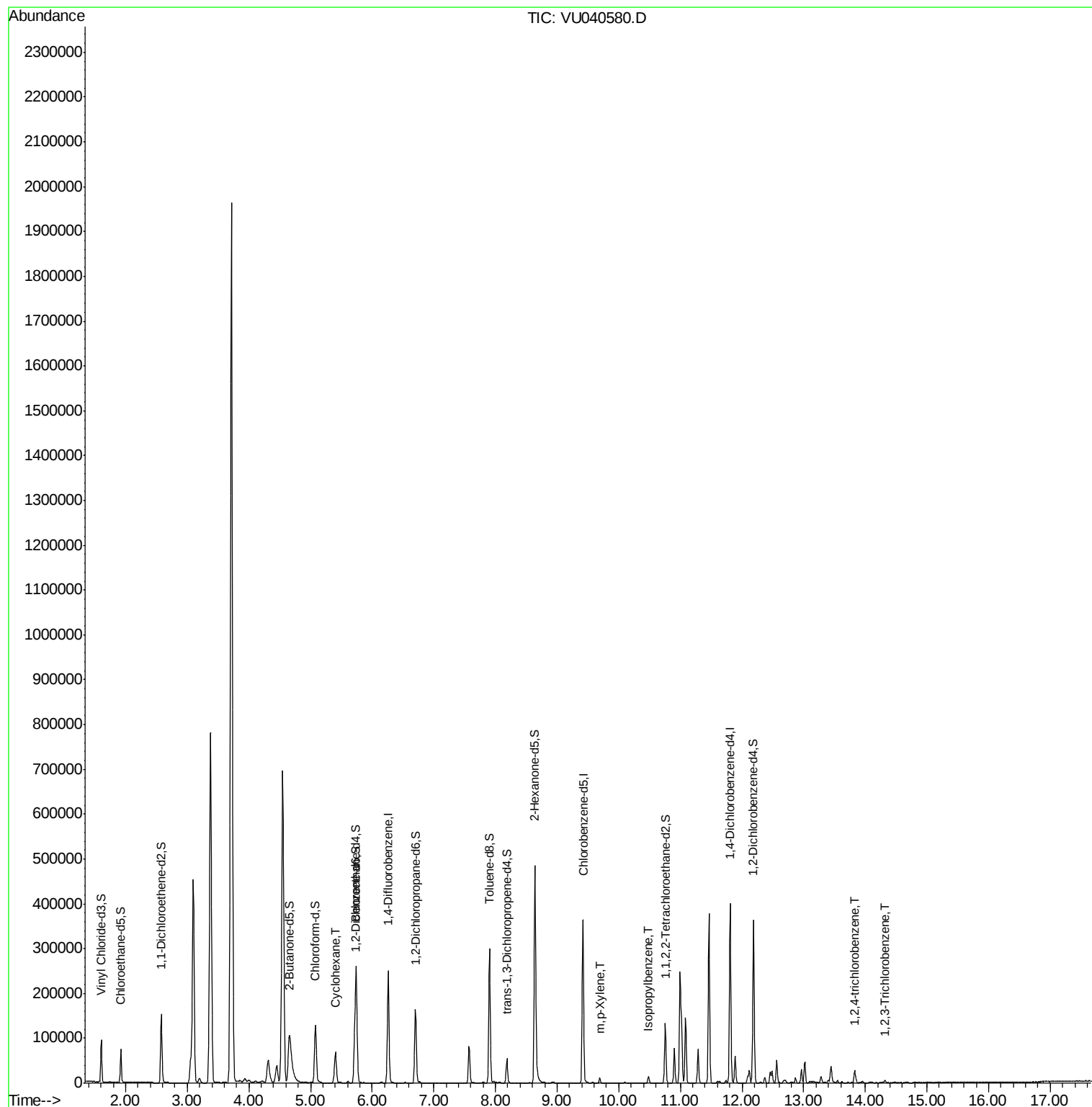
					Ovalue
30) Cyclohexane	5.40	56	32267	1.369 ug/L	99
53) m,p-Xylene	9.69	106	3181	0.129 ug/L	74
56) Isopropylbenzene	10.48	105	9375	0.147 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	5733	0.326 ug/L	91
70) 1,2,3-Trichlorobenzene	14.32	180	1792	0.110 ug/L	100

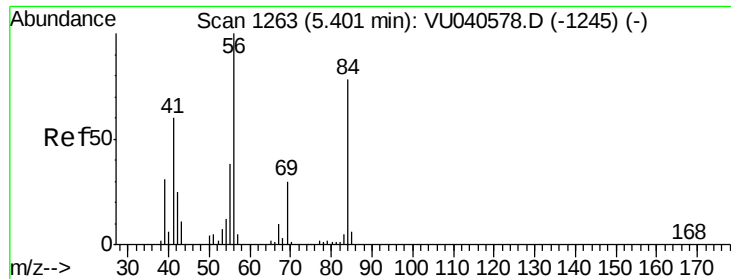
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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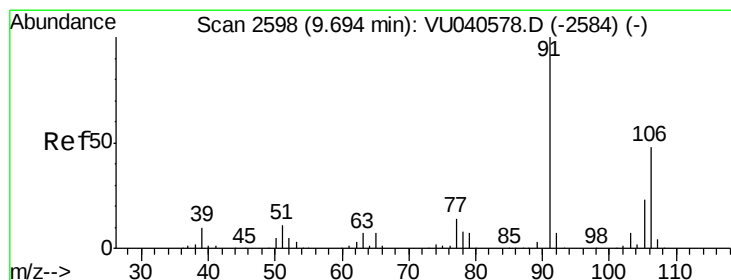
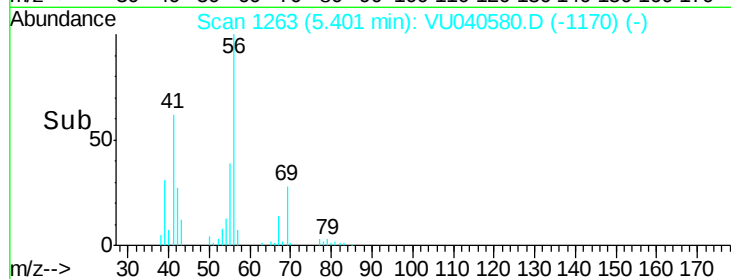
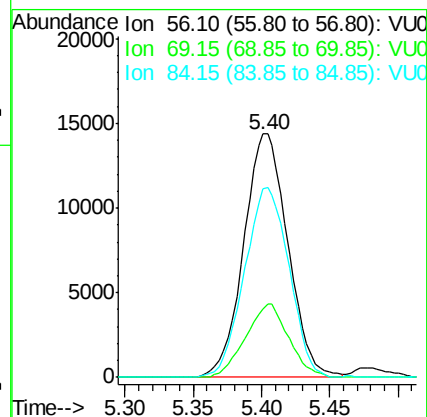
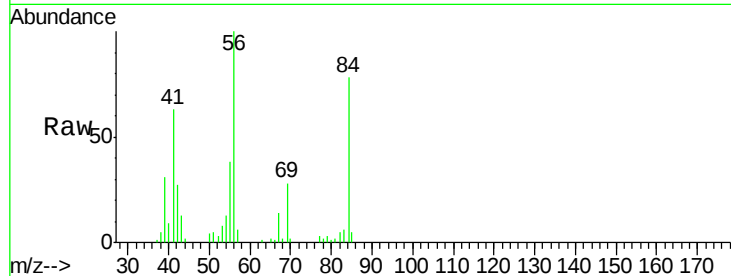




#30
Cyclohexane
Concen: 1.369 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU040580.D
Acq: 09 Oct 2020 13:48

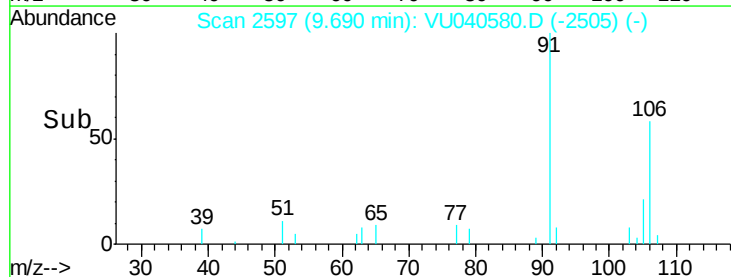
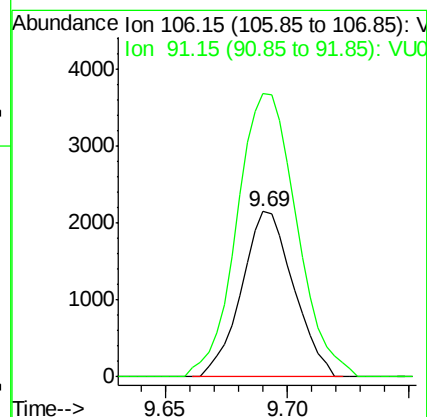
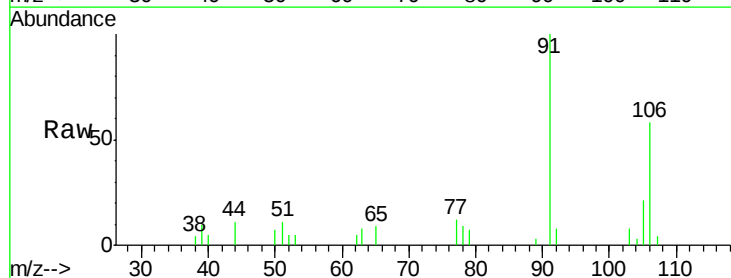
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MSVOA_U
ClientSampleId :
BG3T0DL

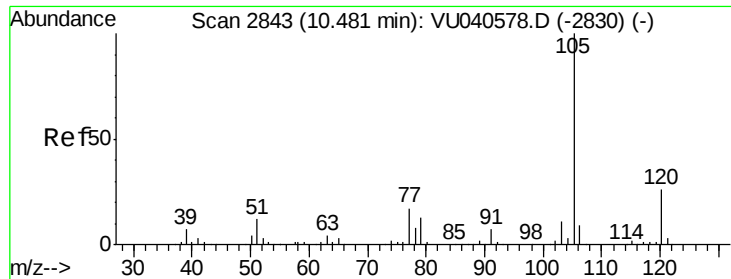
Tot Ion	56	Resp	32267
Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.8	35.8
84	78.7	64.0	96.0



#53
m,p-Xylene
Concen: 0.129 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040580.D
Acq: 09 Oct 2020 13:48

Tgt Ion	106	Resp	3181
Ion	Ratio	Lower	Upper
106	100		
91	171.3	148.5	275.7





#56

Isopropylbenzene

Concen: 0.147 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040580.D

Acq: 09 Oct 2020 13:48

Instrument :

MSVOA_U

ClientSampleId :

BG3T0DL

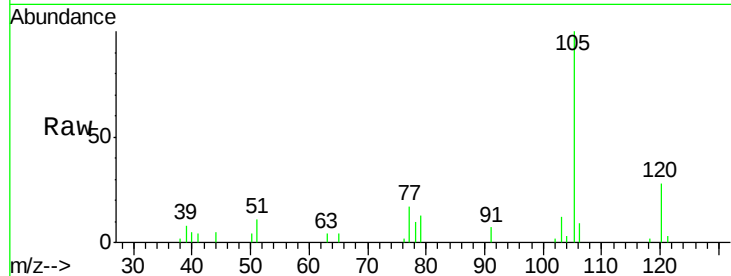
Tot Ion:105 Resp: 9375

Ion Ratio Lower Upper

105 100

120 26.3 20.6 30.8

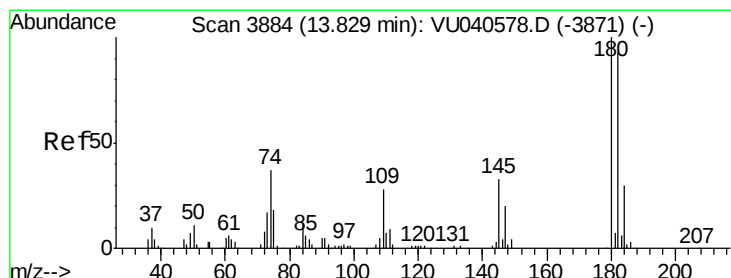
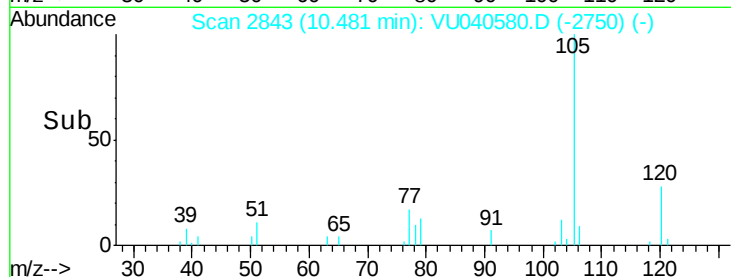
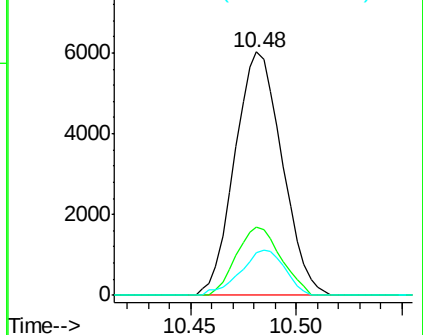
77 17.5 13.8 20.6



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



#68

1,2,4-trichlorobenzene

Concen: 0.326 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VU040580.D

Acq: 09 Oct 2020 13:48

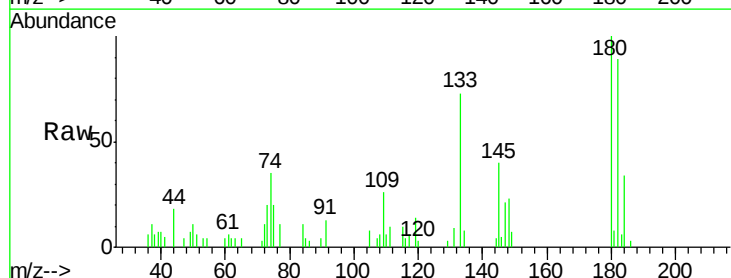
Tgt Ion:180 Resp: 5733

Ion Ratio Lower Upper

180 100

182 89.6 78.8 118.2

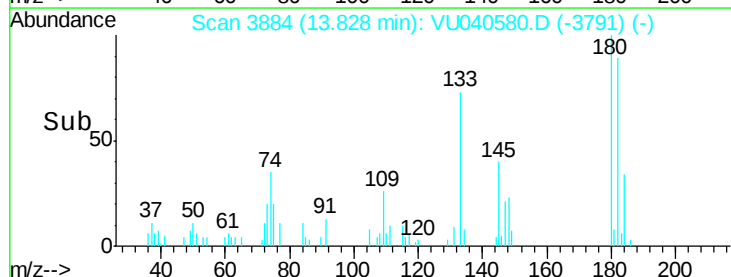
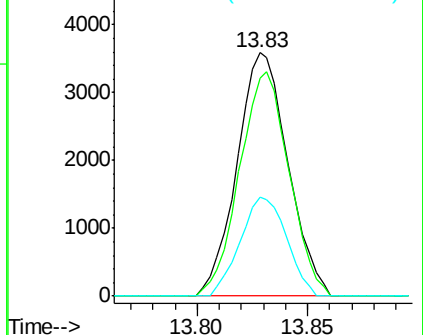
145 37.0 26.1 39.1

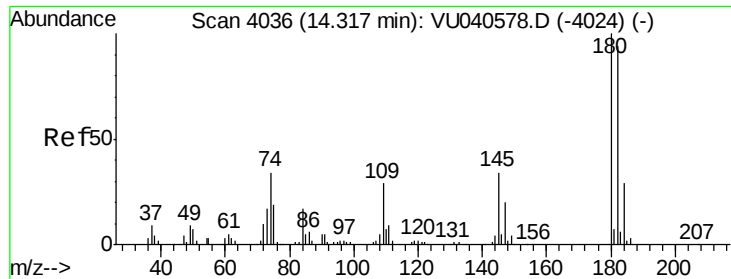


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

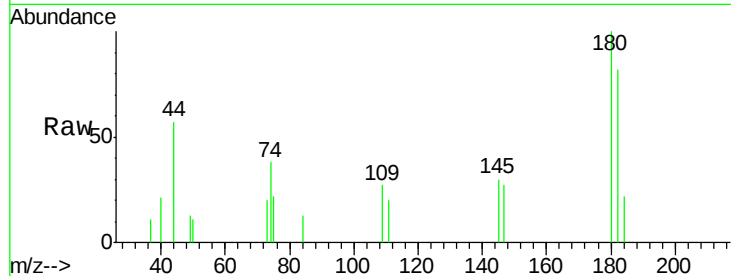




#70
 1,2,3-Trichlorobenzene
 Concen: 0.110 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU040580.D
 Acq: 09 Oct 2020 13:48

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T0DL

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	94.7	75.8	113.8	
145	34.4	27.4	41.2	



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

