

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040336.D
 Acq On : 28 Sep 2020 17:09
 Operator : SY/MD
 Sample : L4147-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH8

Quant Time: Sep 29 08:26:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 07:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133983	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62282	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36325	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.92	69	33759	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.58	63	59830	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.65	46	160903	54.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.98%
24) Chloroform-d	5.08	84	79872	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	49129	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.74	84	154595	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	51376	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	125969	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	19272	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.64	63	119174	53.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44187	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	50477	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

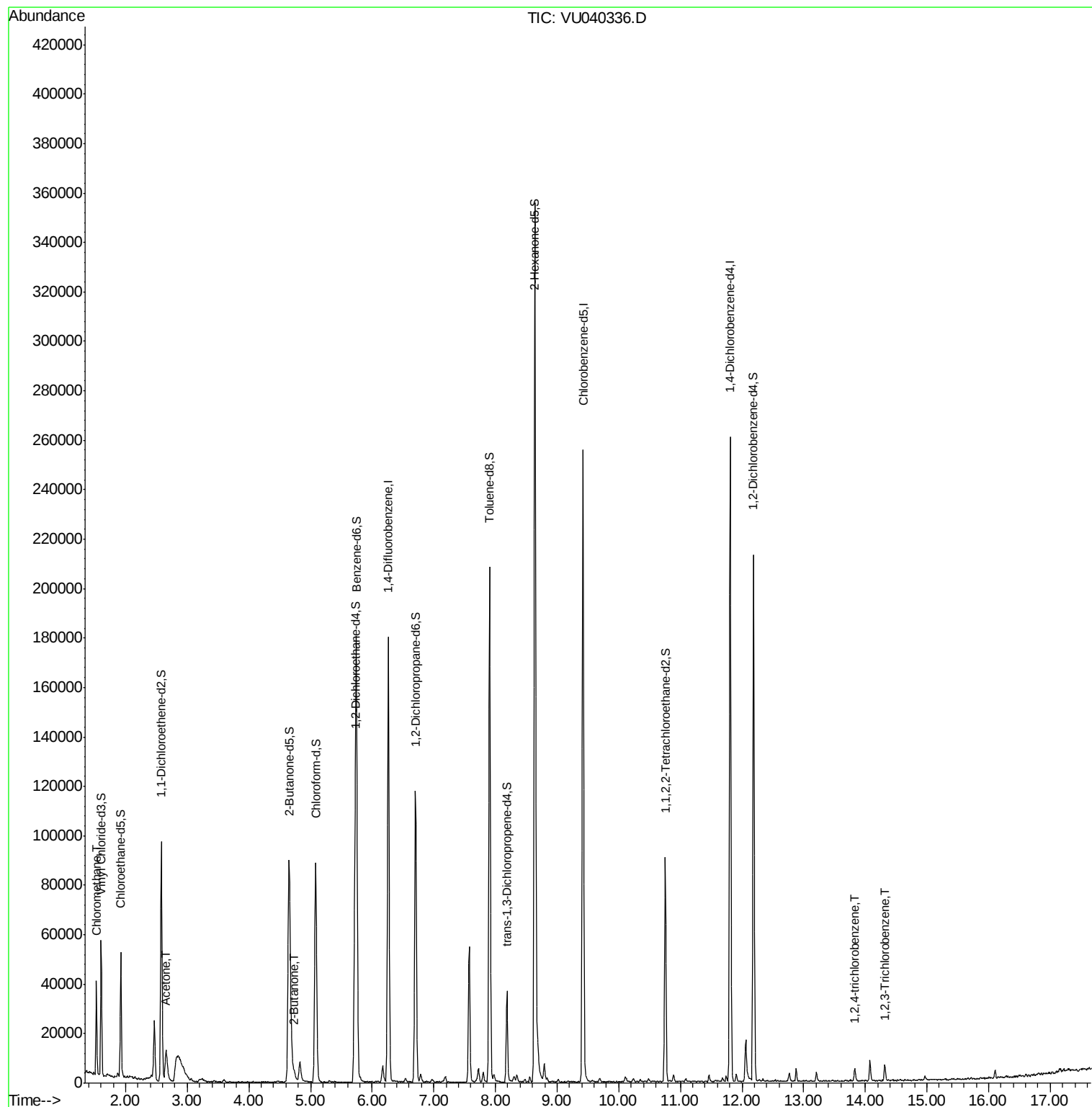
					Ovalue
3) Chloromethane	1.53	50	24726	1.942 ug/L	99
13) Acetone	2.65	43	21598	7.974 ug/L	97
21) 2-Butanone	4.74	43	3463	0.783 ug/L	84
68) 1,2,4-trichlorobenzene	13.83	180	1780	0.129 ug/L	92
70) 1,2,3-Trichlorobenzene	14.32	180	2051	0.162 ug/L	91

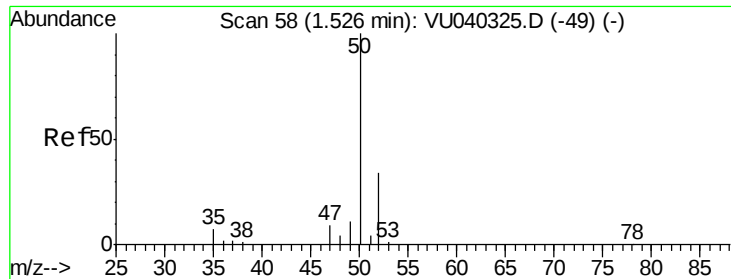
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.942 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040336.D

Acq: 28 Sep 2020 17:09

Instrument :

MSVOA_U

ClientSampleId :

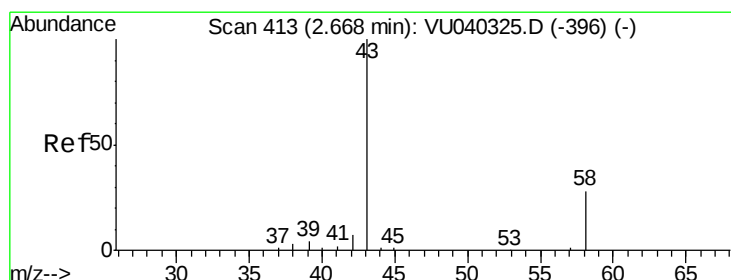
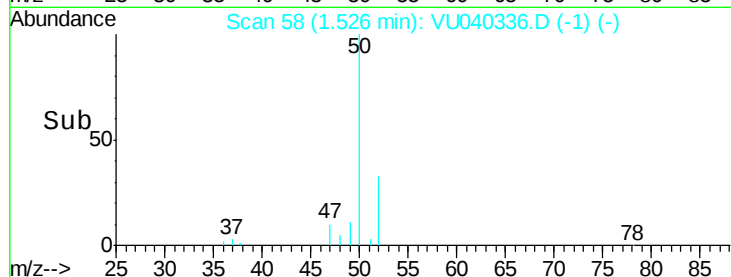
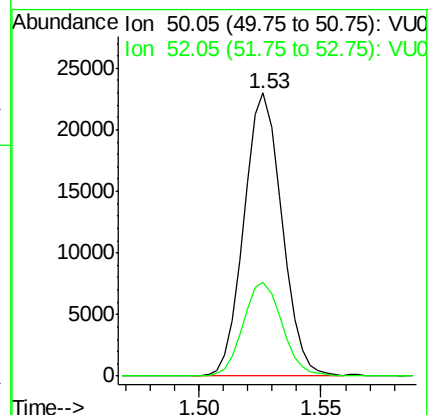
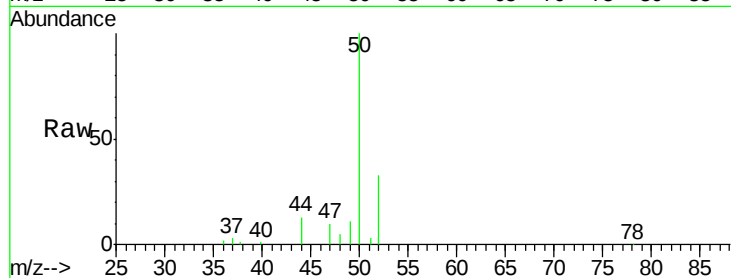
BFSH8

Tot Ion: 50 Resp: 24726

Ion Ratio Lower Upper

50 100

52 33.0 22.8 42.4



#13

Acetone

Concen: 7.974 ug/L

RT: 2.65 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU040336.D

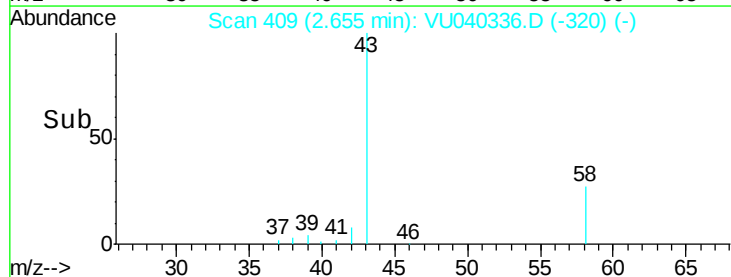
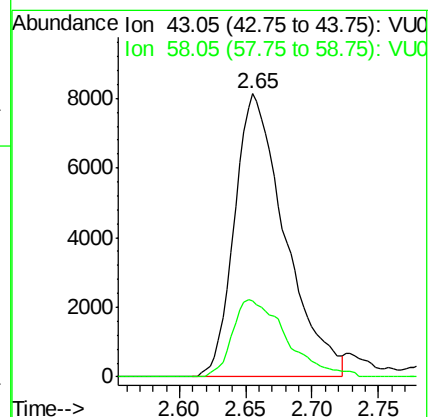
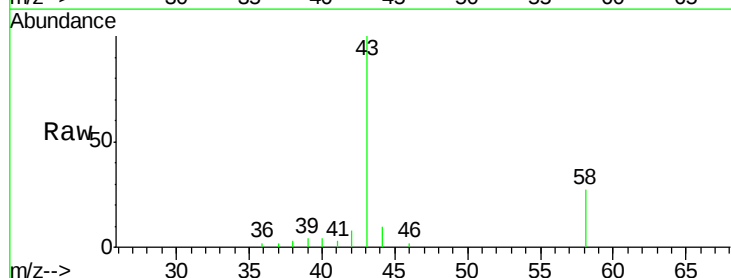
Acq: 28 Sep 2020 17:09

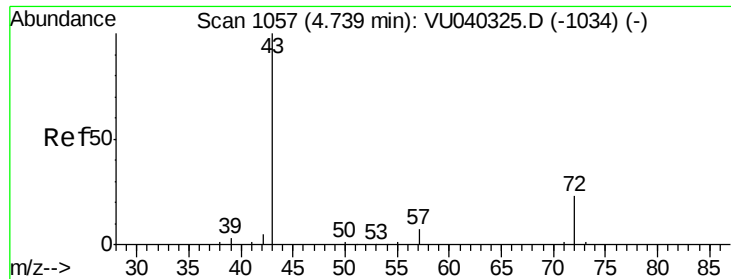
Tgt Ion: 43 Resp: 21598

Ion Ratio Lower Upper

43 100

58 29.2 0.0 55.4





#21

2-Butanone

Concen: 0.783 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. -0.00 min

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Acq: 28 Sep 2020 17:09

Instrument :

MSVOA_U

ClientSampleId :

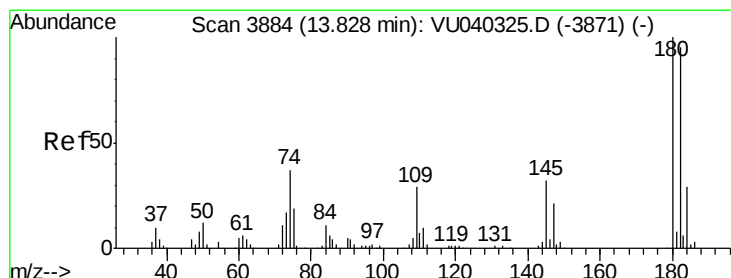
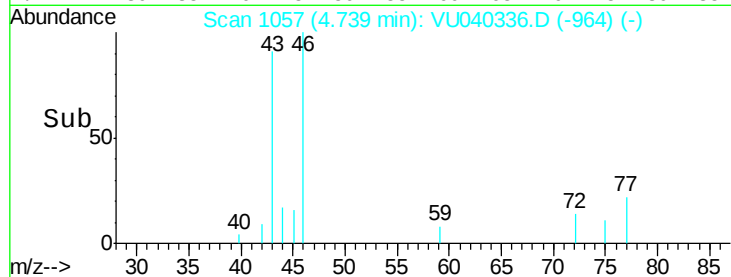
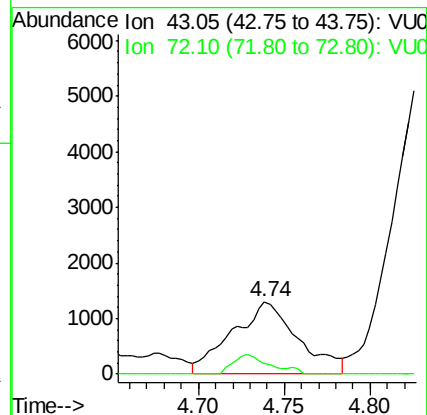
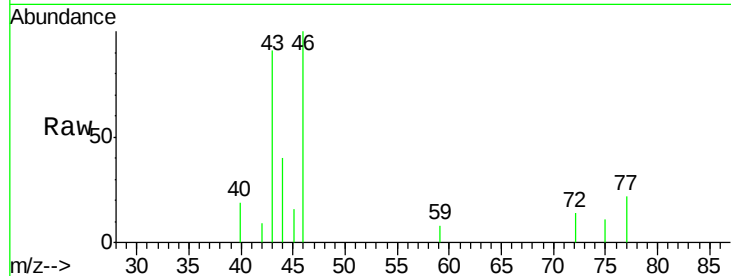
BFSH8

Tot Ion: 43 Resp: 3463

Ion Ratio Lower Upper

43 100

72 15.4 11.7 35.0



#68

1,2,4-trichlorobenzene

Concen: 0.129 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040336.D

Acq: 28 Sep 2020 17:09

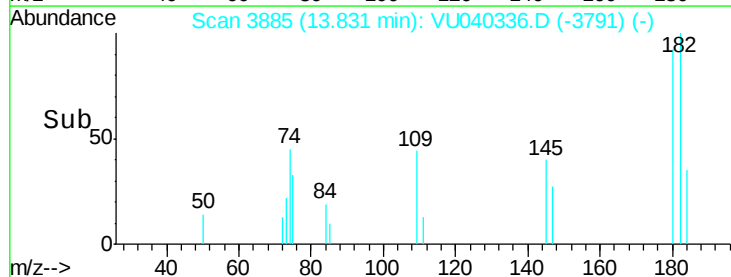
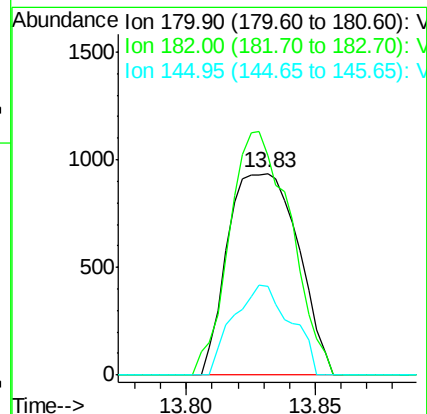
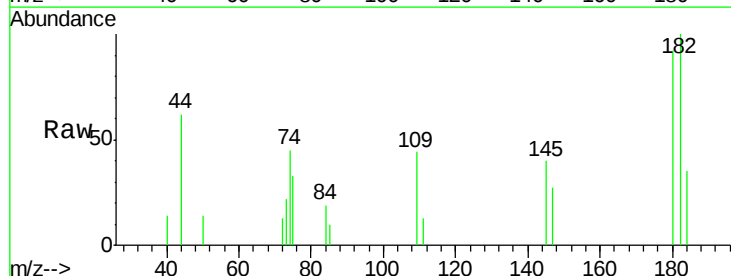
Tgt Ion: 180 Resp: 1780

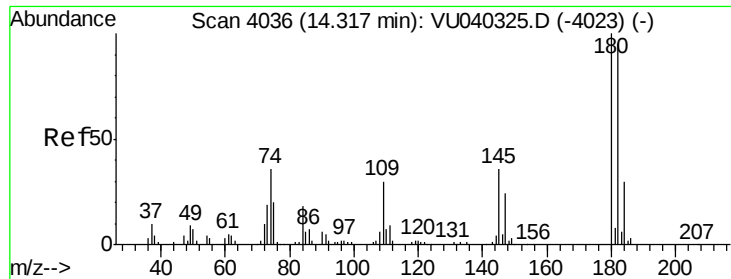
Ion Ratio Lower Upper

180 100

182 105.2 76.0 114.0

145 36.4 28.4 42.6

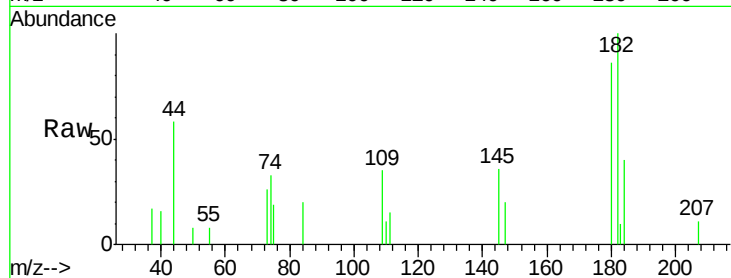




#70
 1,2,3-Trichlorobenzene
 Concen: 0.162 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU040336.D
 Acq: 28 Sep 2020 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH8

Tot Ion:180 Resp: 2051
 Ion Ratio Lower Upper
 180 100
 182 107.0 77.8 116.6
 145 31.1 28.7 43.1



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

