

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030124\
 Data File : VU057978.D
 Acq On : 01 Mar 2024 12:15
 Operator : MD/SY
 Sample : VU0301WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 22:45:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 22:42:28 2024
 Response via : Initial Calibration

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

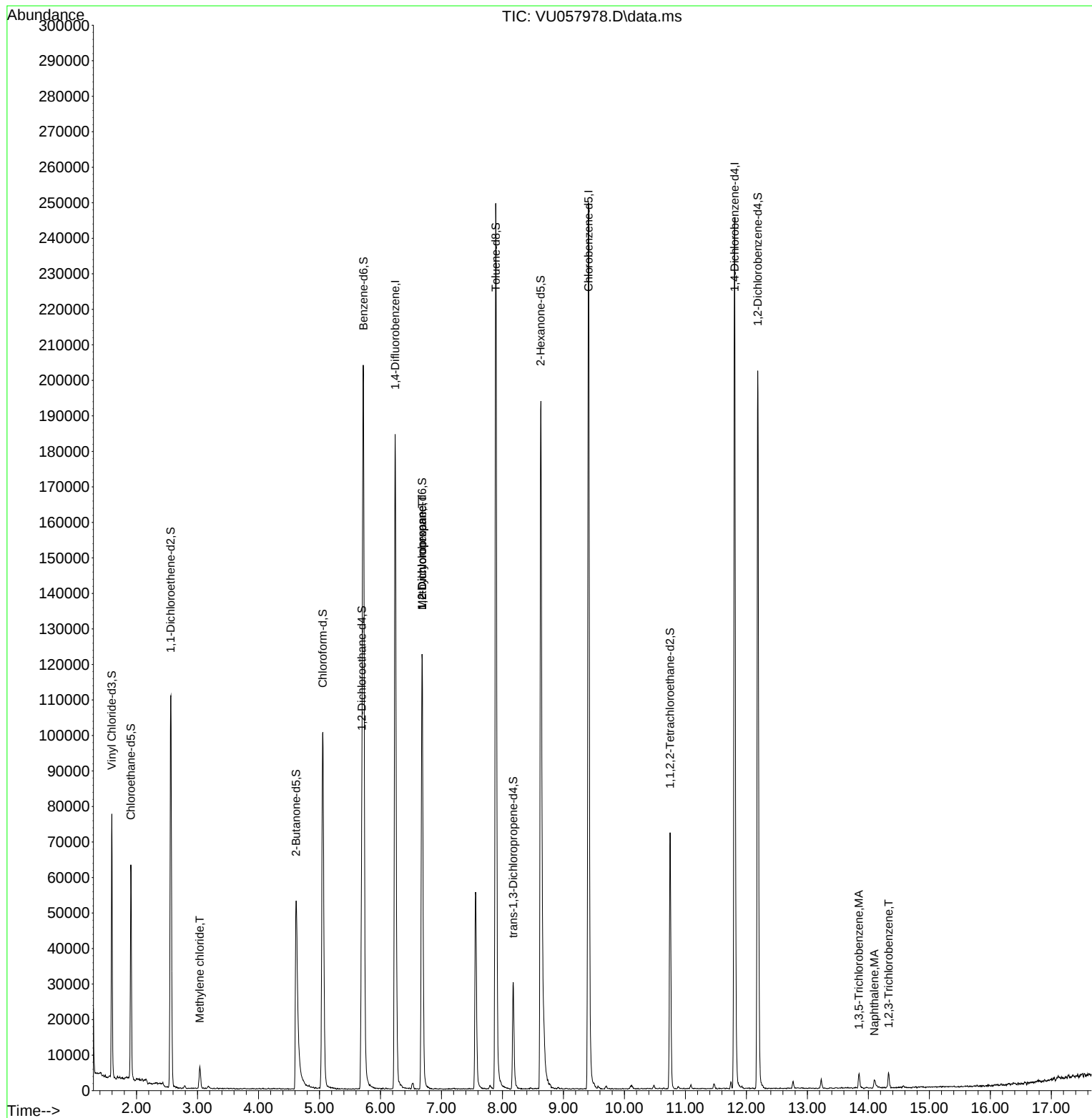
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151207	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49751	4.573	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.907	69	41717	4.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.560	65	22243	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.618	46	88707	49.487	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.980%
24) Chloroform-d	5.055	84	94396	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	46097	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.721	84	196566	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.682	67	61513	4.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	169693	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	18766	4.391	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	69494	48.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36416	4.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	52702	5.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	2813	0.254	ug/L	91
35) Methylcyclohexane	6.682	83	13293	0.766	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6880	0.620	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.846	180	1958	0.143	ug/L	90
71) Naphthalene	14.100	128	4019	0.285	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.331	180	1520	0.187	ug/L	88

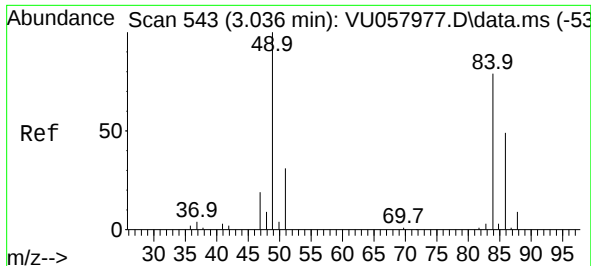
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 01 22:45:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 01 22:42:28 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.254 ug/L

RT: 3.036 min Scan# 54

Delta R.T. 0.000 min

Lab File: VU057978.D

Acq: 01 Mar 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

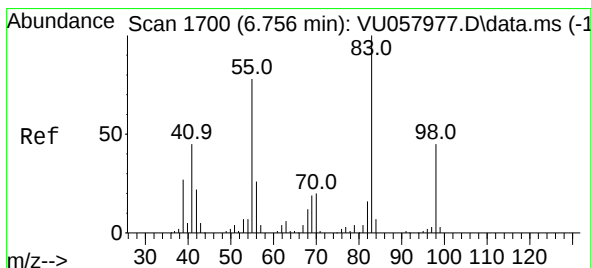
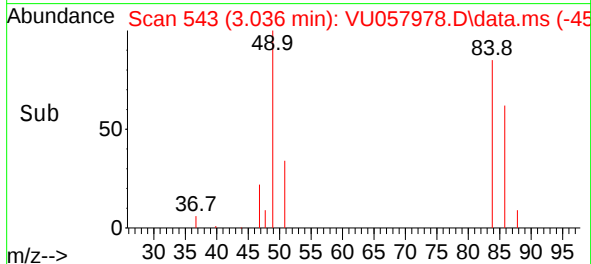
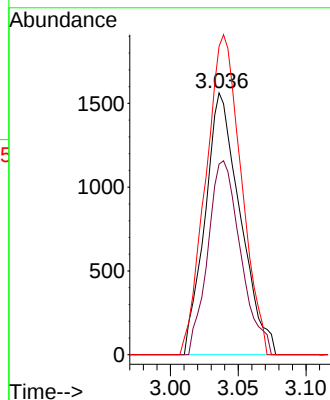
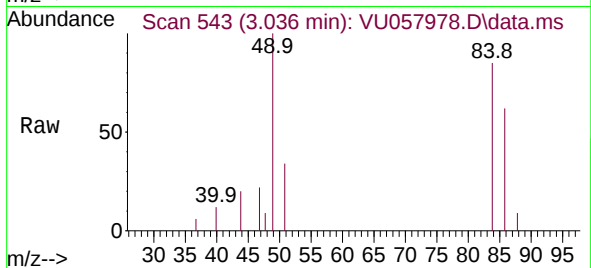
Tgt Ion: 84 Resp: 2813

Ion Ratio Lower Upper

84 100

86 72.9 44.4 82.4

49 117.8 88.8 165.0



#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057978.D

Acq: 01 Mar 2024 12:15

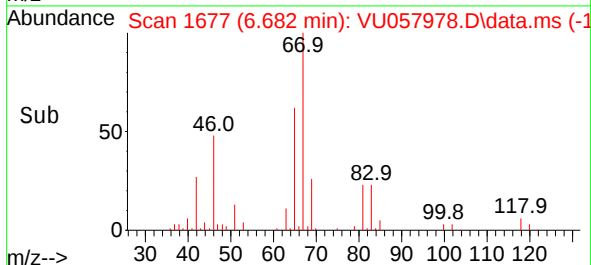
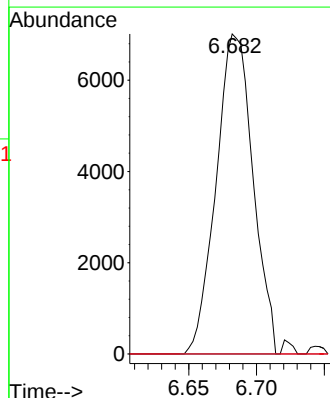
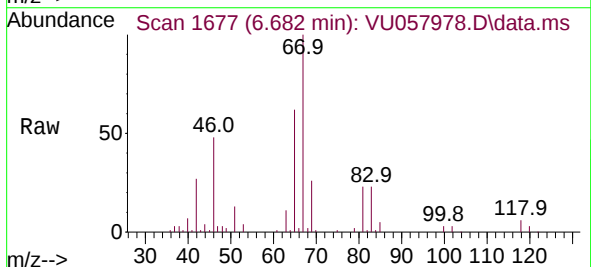
Tgt Ion: 83 Resp: 13293

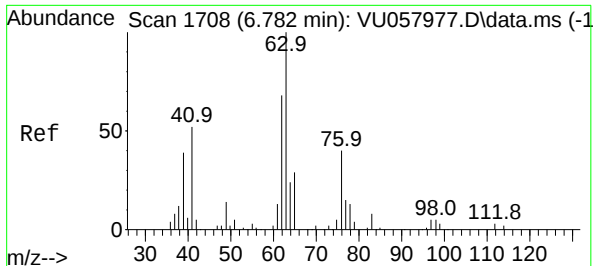
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 0.2 36.2 54.4#

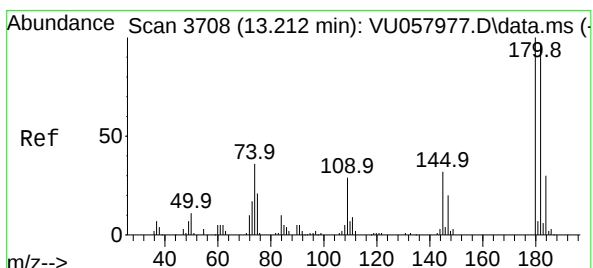
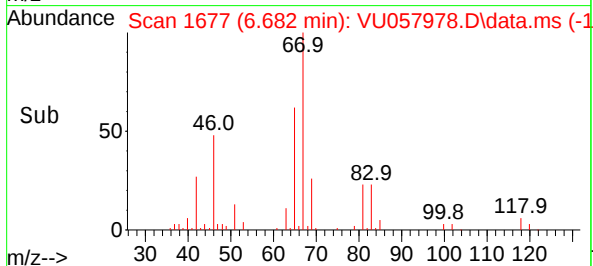
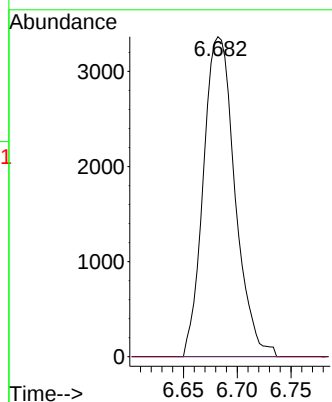
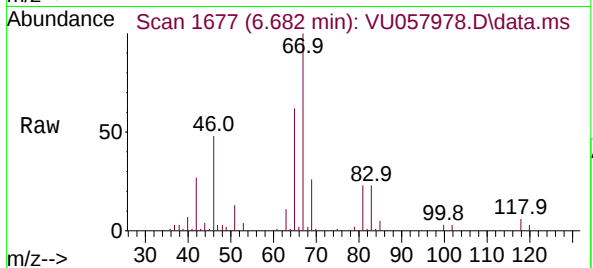




#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057978.D
Acq: 01 Mar 2024 12:15

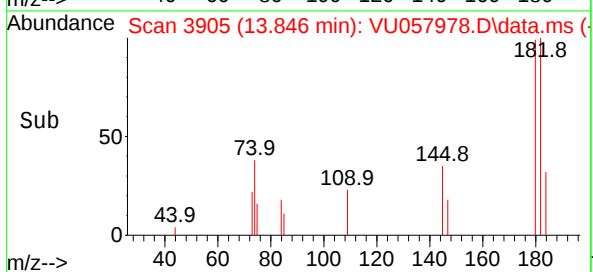
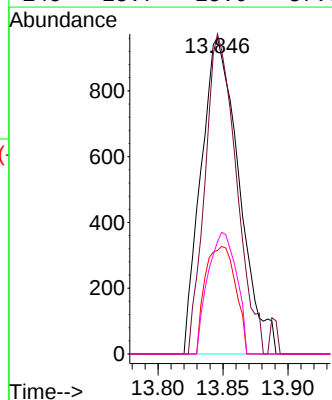
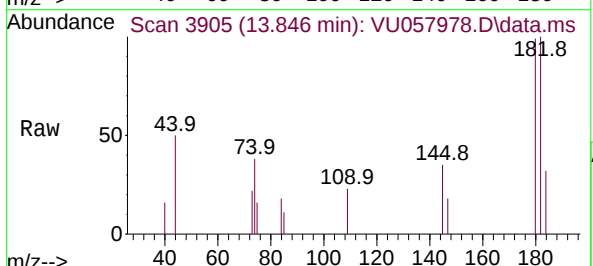
Instrument :
MSVOA_U
ClientSampleId :

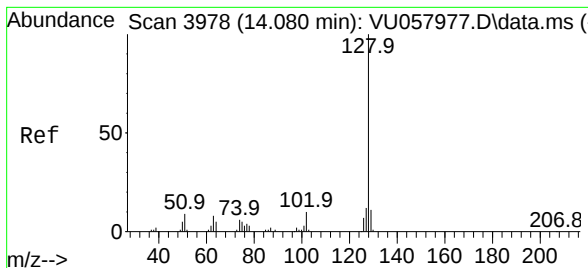
Tgt Ion: 63 Resp: 6880
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#69
1,3,5-Trichlorobenzene
Concen: 0.143 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.633 min
Lab File: VU057978.D
Acq: 01 Mar 2024 12:15

Tgt Ion:180 Resp: 1958
Ion Ratio Lower Upper
180 100
182 83.1 76.3 114.5
184 27.0 24.6 36.8
145 28.7 25.0 37.6





#71

Naphthalene

Concen: 0.285 ug/L

RT: 14.100 min Scan# 3978

Delta R.T. 0.019 min

Lab File: VU057978.D

Acq: 01 Mar 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

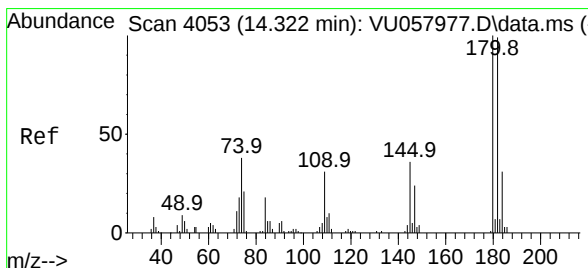
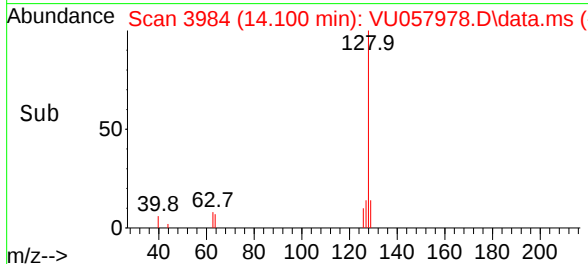
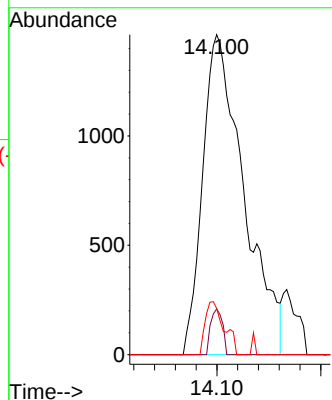
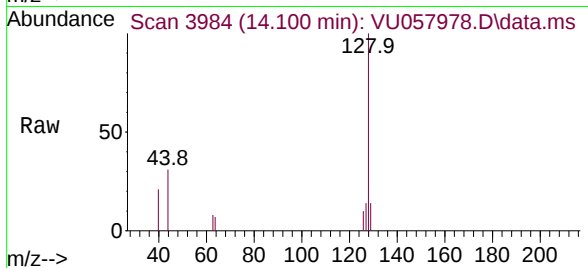
Tgt Ion:128 Resp: 4019

Ion Ratio Lower Upper

128 100

129 4.1 9.0 13.6#

127 7.5 10.6 16.0#



#72

1,2,3-Trichlorobenzene

Concen: 0.187 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.010 min

Lab File: VU057978.D

Acq: 01 Mar 2024 12:15

Tgt Ion:180 Resp: 1520

Ion Ratio Lower Upper

180 100

182 110.5 77.6 116.4

145 32.0 28.7 43.1

