

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031725\
 Data File : VU063295.D
 Acq On : 17 Mar 2025 15:49
 Operator : MD/SY
 Sample : VU0317WBL01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK115

Quant Time: Mar 21 09:29:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 21 09:28:56 2025
 Response via : Initial Calibration

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

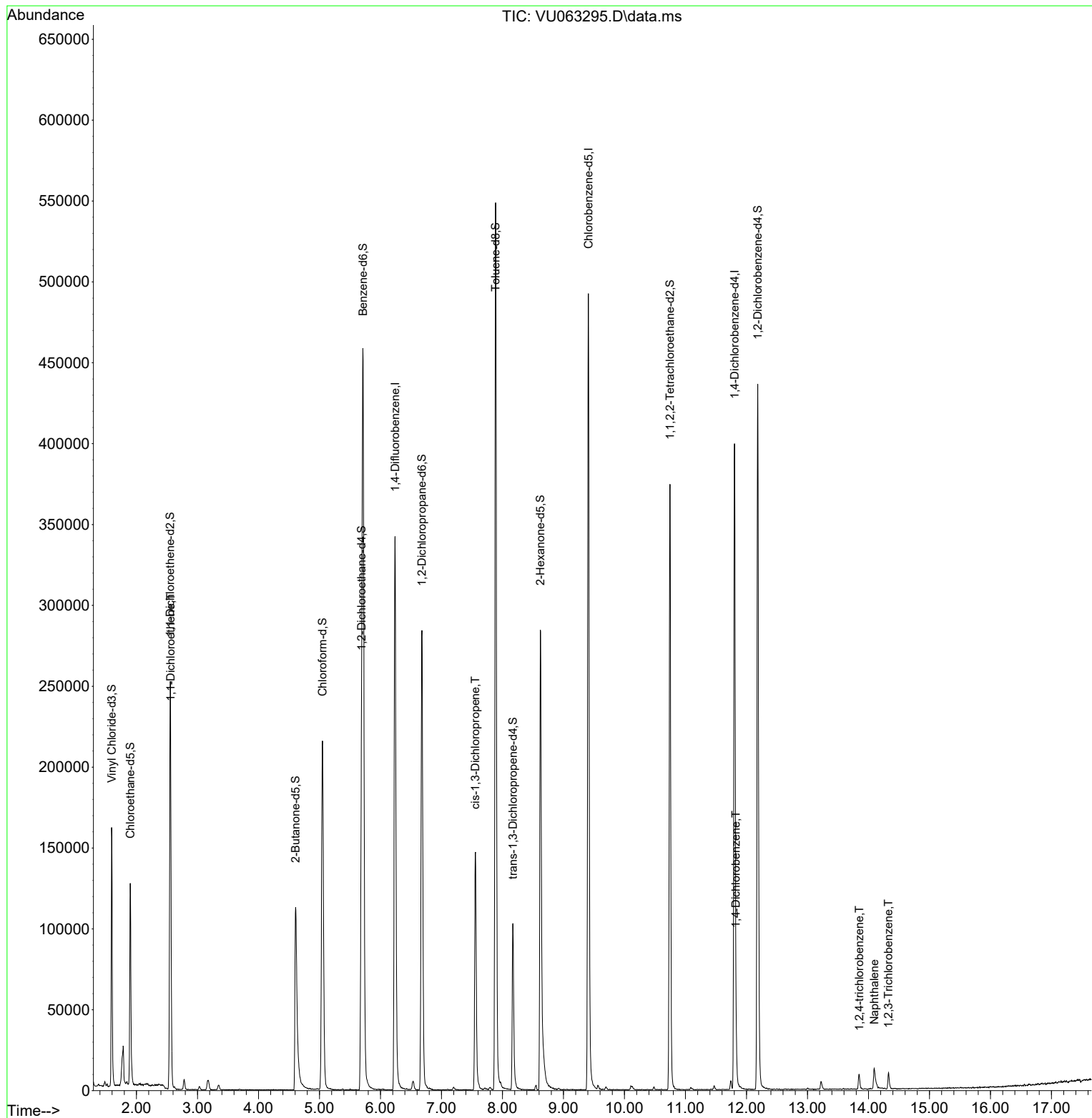
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	282479	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	274624	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	113305	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	111144	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.22%
7) Chloroethane-d5	1.898	69	94010	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.96%
11) 1,1-Dichloroethene-d2	2.554	63	152241	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.66%
21) 2-Butanone-d5	4.608	46	167930	98.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	5.049	84	207062	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	5.689	65	134298	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
32) Benzene-d6	5.714	84	427587	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
36) 1,2-Dichloropropane-d6	6.679	67	138985	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.888	98	365694	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%
43) trans-1,3-Dichloroprop...	8.171	79	59012	47.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.08%
47) 2-Hexanone-d5	8.621	63	99871	93.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.93%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	196316	46.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.28%
66) 1,2-Dichlorobenzene-d4	12.184	152	119112	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.560	96	1823	1.00	ug/L #	1
39) cis-1,3-Dichloropropene	7.554	75	3702	1.04	ug/L	94
65) 1,4-Dichlorobenzene	11.827	146	3447	0.97	ug/L	93
70) 1,2,4-trichlorobenzene	13.849	180	3439	1.88	ug/L #	81
71) Naphthalene	14.097	128	15823	3.15	ug/L #	89
72) 1,2,3-Trichlorobenzene	14.328	180	3339	1.87	ug/L	87

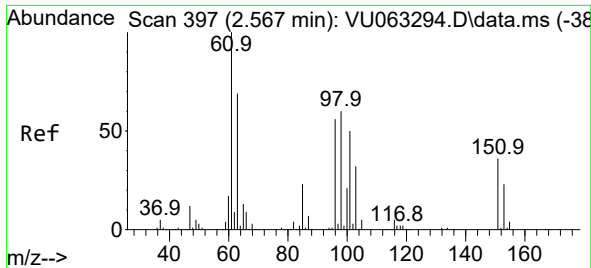
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 21 09:28:56 2025
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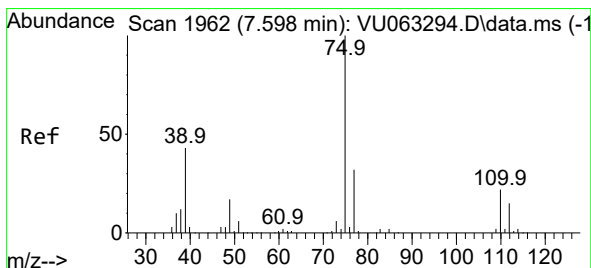
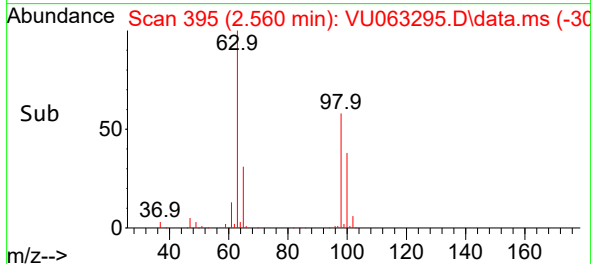
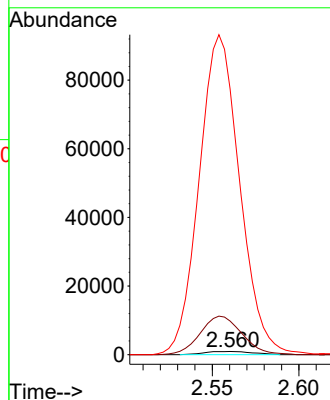
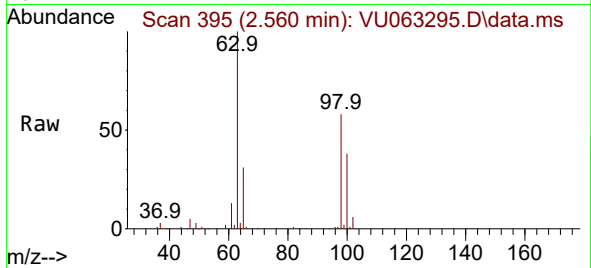




#12
1,1-Dichloroethene
Concen: 1.00 ug/L
RT: 2.560 min Scan# 397
Delta R.T. -0.006 min
Lab File: VU063295.D
Acq: 17 Mar 2025 15:49

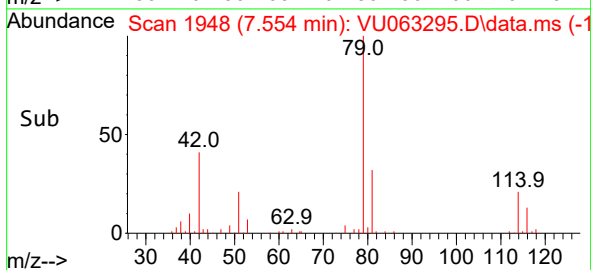
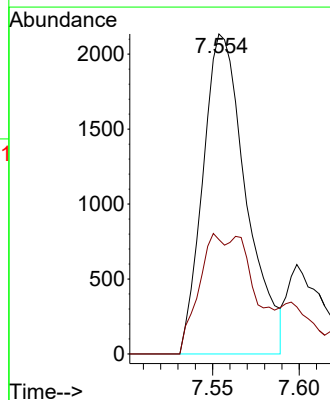
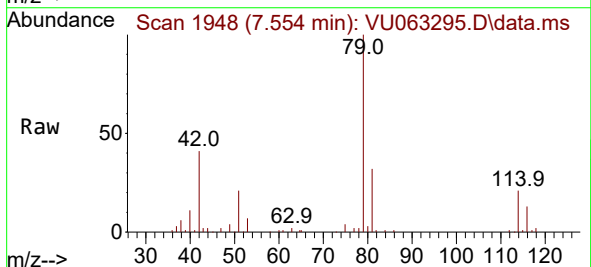
Instrument :
MSVOA_U
ClientSampleId :
VBLK115

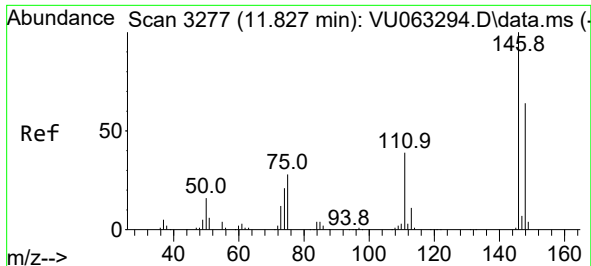
Tgt Ion: 96 Resp: 1823
Ion Ratio Lower Upper
96 100
61 1069.2 121.9 226.5#
63 8444.1 93.2 173.0#



#39
cis-1,3-Dichloropropene
Concen: 1.04 ug/L
RT: 7.554 min Scan# 1948
Delta R.T. -0.045 min
Lab File: VU063295.D
Acq: 17 Mar 2025 15:49

Tgt Ion: 75 Resp: 3702
Ion Ratio Lower Upper
75 100
77 35.7 22.7 42.3

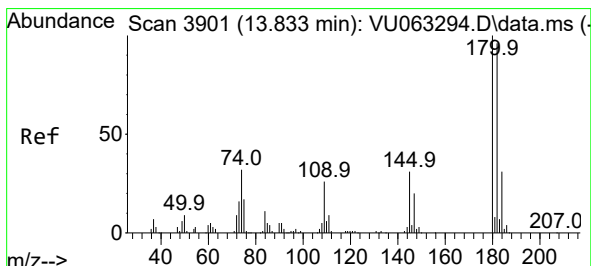
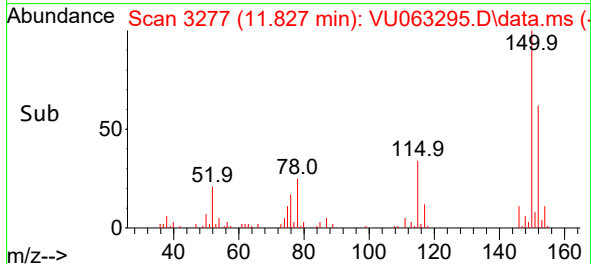
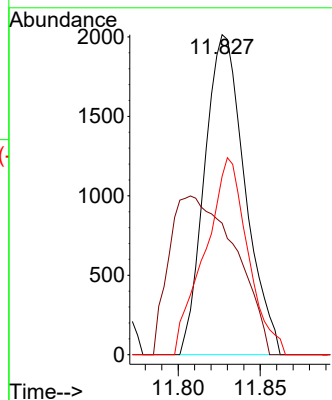
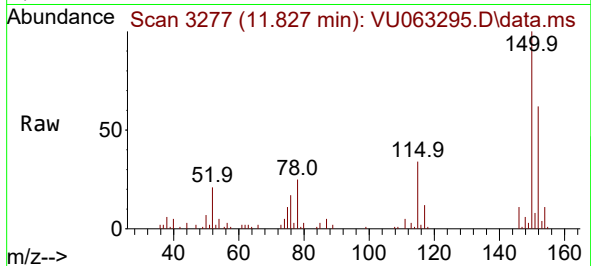




#65
1,4-Dichlorobenzene
Concen: 0.97 ug/L
RT: 11.827 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063295.D
Acq: 17 Mar 2025 15:49

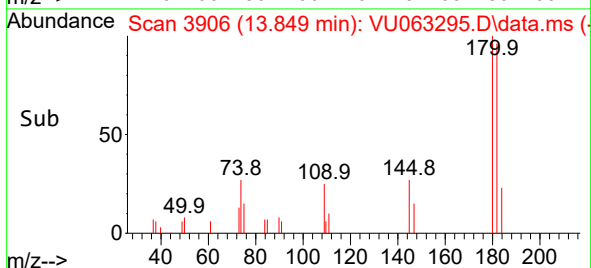
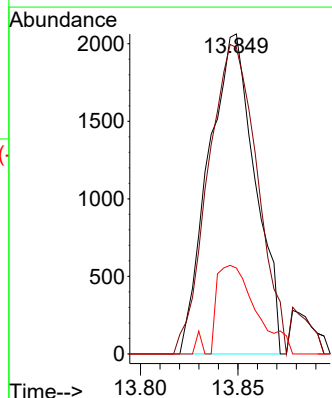
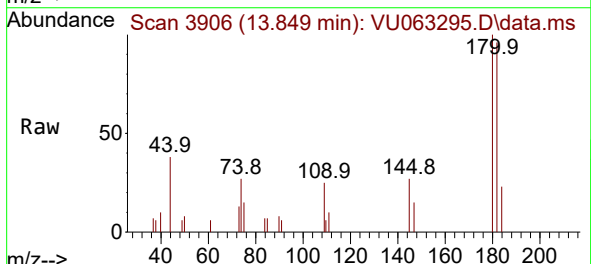
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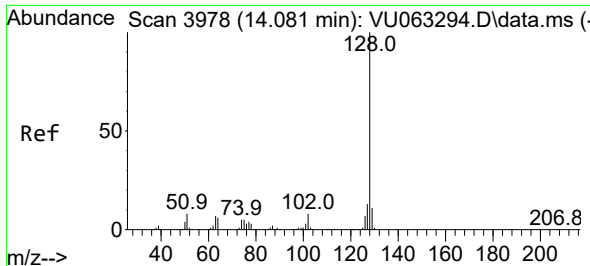
Tgt Ion:146 Resp: 3447
Ion Ratio Lower Upper
146 100
111 41.1 27.5 51.1
148 55.8 44.7 82.9



#70
1,2,4-trichlorobenzene
Concen: 1.88 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU063295.D
Acq: 17 Mar 2025 15:49

Tgt Ion:180 Resp: 3439
Ion Ratio Lower Upper
180 100
182 101.8 75.8 113.8
145 0.0 24.0 36.0#

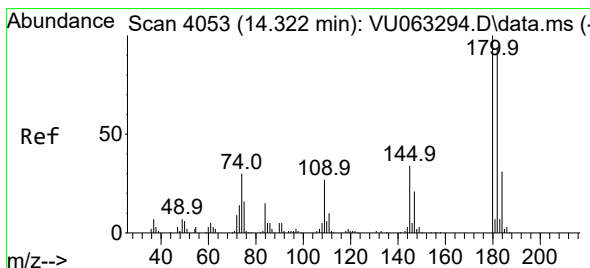
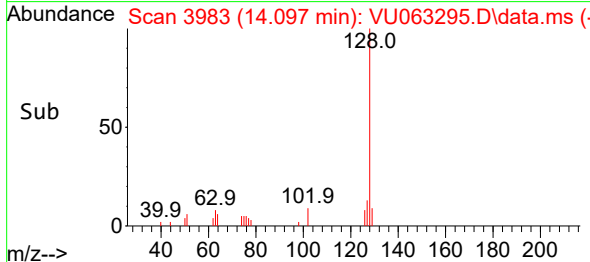
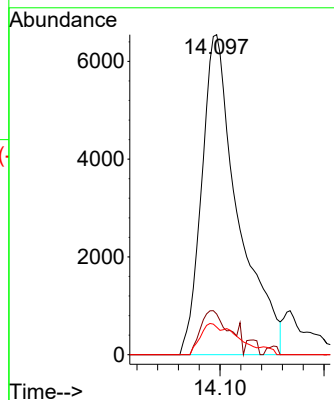
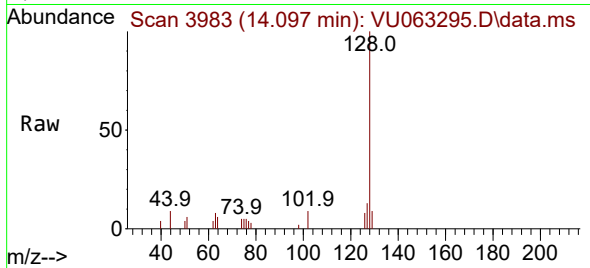




#71
Naphthalene
Concen: 3.15 ug/L
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU063295.D
Acq: 17 Mar 2025 15:49

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Tgt Ion:128 Resp: 15823
Ion Ratio Lower Upper
128 100
127 10.1 10.2 15.4#
129 5.1 8.6 12.8#



#72
1,2,3-Trichlorobenzene
Concen: 1.87 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.007 min
Lab File: VU063295.D
Acq: 17 Mar 2025 15:49

Tgt Ion:180 Resp: 3339
Ion Ratio Lower Upper
180 100
182 111.1 77.3 115.9
145 28.7 25.7 38.5

