

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013025\
 Data File : VU063105.D
 Acq On : 30 Jan 2025 18:00
 Operator : MD/SY
 Sample : VIBLK060
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK060

Quant Time: Jan 31 07:54:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM013025WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 07:44:25 2025
 Response via : Initial Calibration

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

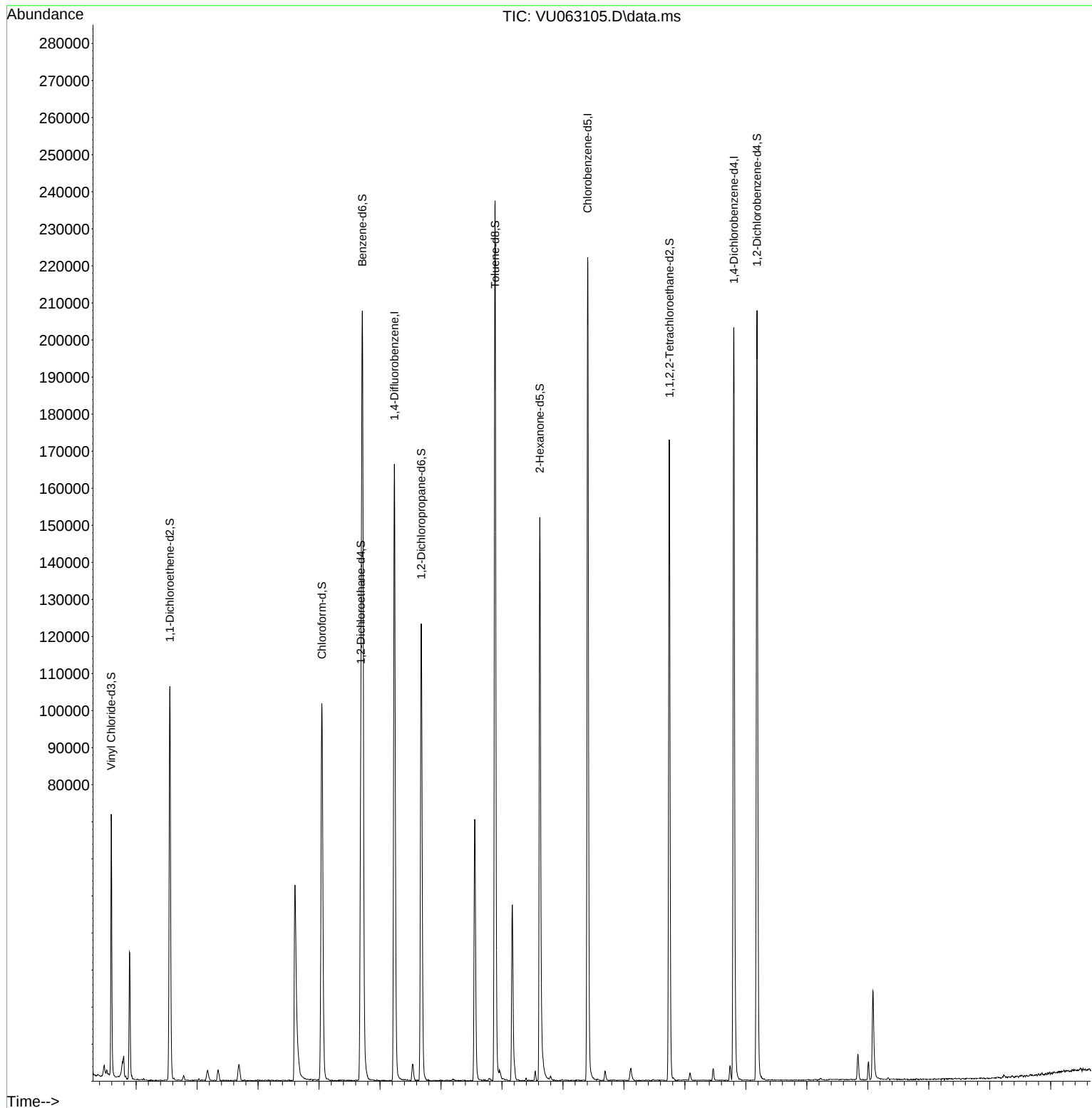
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	142762	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	127641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56854	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	51231	49.256	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.520%		
7) Chloroethane-d5	1.891	69	28165	49.574	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.140%		
11) 1,1-Dichloroethene-d2	2.554	63	62191	34.226	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.460%		
21) 2-Butanone-d5	4.605	46	78389	116.772	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.770%		
24) Chloroform-d	5.045	84	101205	52.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.720%		
26) 1,2-Dichloroethane-d4	5.685	65	60249	55.325	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.660%		
32) Benzene-d6	5.711	84	204119	53.695	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.400%		
36) 1,2-Dichloropropane-d6	6.676	67	64532	51.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.760%		
41) Toluene-d8	7.888	98	165846	48.186	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.380%		
43) trans-1,3-Dichloroprop...	8.168	79	28775	50.282	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.560%		
47) 2-Hexanone-d5	8.621	63	57836	108.479	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.480%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	93488	51.243	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.480%		
66) 1,2-Dichlorobenzene-d4	12.183	152	57519	52.531	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.060%		
Target Compounds					Qvalue	
17) trans-1,2-Dichloroethene	3.345	96	1474	1.481	ug/L	87
20) cis-1,2-Dichloroethene	4.650	96	1327	1.175	ug/L	94
34) Trichloroethene	6.537	95	1774	1.599	ug/L	90
64) 1,3-Dichlorobenzene	11.740	146	2094	1.127	ug/L	93
65) 1,4-Dichlorobenzene	11.827	146	3712	1.927	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	2963	2.753	ug/L	95

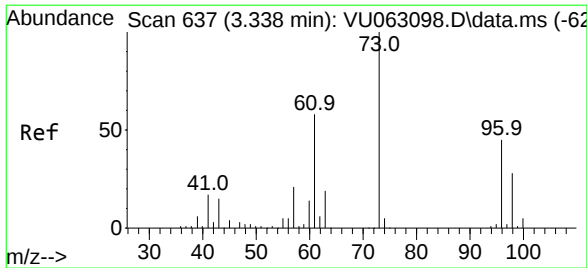
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VIBLK060

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Quant Title : VOC Analysis
QLast Update : Fri Jan 31 07:44:25 2025
Response via : Initial Calibration

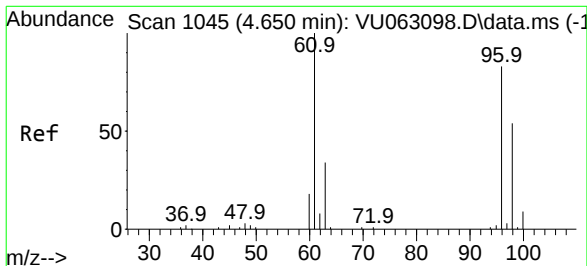
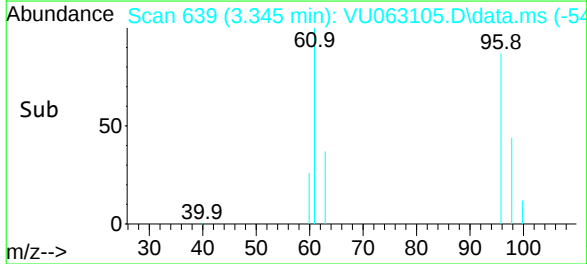
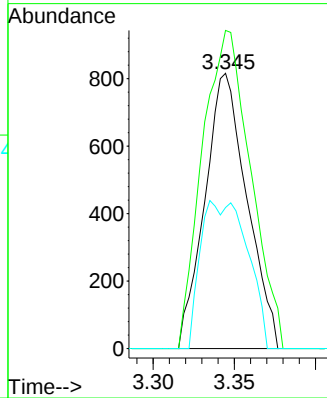
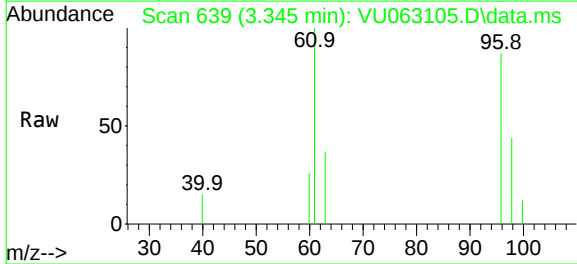




#17
trans-1,2-Dichloroethene
Concen: 1.481 ug/L
RT: 3.345 min Scan# 637
Delta R.T. 0.006 min
Lab File: VU063105.D
Acq: 30 Jan 2025 18:00

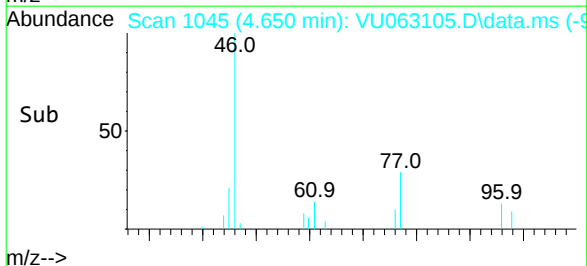
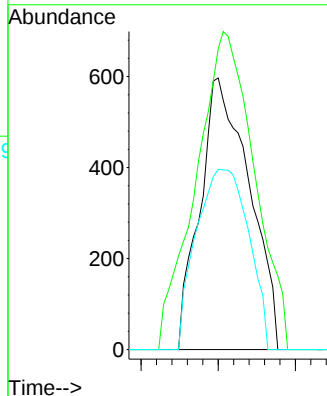
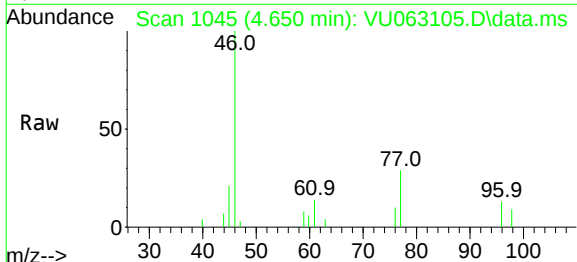
Instrument :
MSVOA_U
ClientSampleId :
VIBLK060

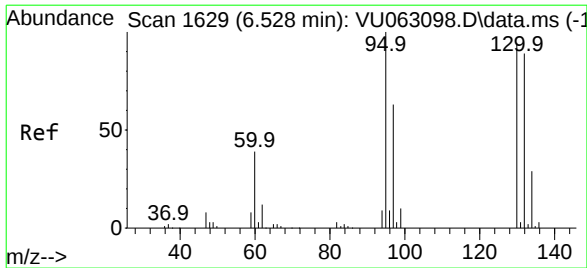
Tgt Ion:	96	Resp:	1474
Ion	Ratio	Lower	Upper
96	100		
61	115.6	91.1	169.3
98	51.2	44.0	81.8



#20
cis-1,2-Dichloroethene
Concen: 1.175 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU063105.D
Acq: 30 Jan 2025 18:00

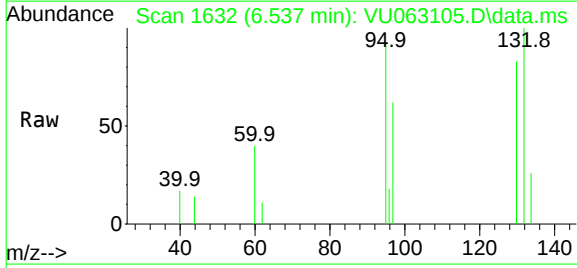
Tgt Ion:	96	Resp:	1327
Ion	Ratio	Lower	Upper
96	100		
61	110.7	84.4	156.8
98	66.3	46.0	85.4



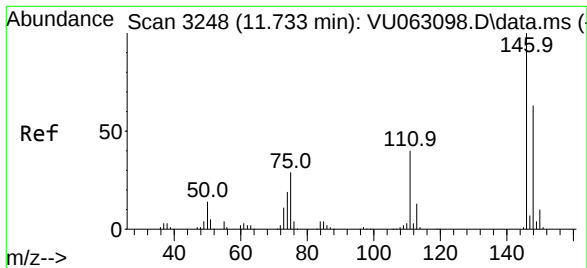
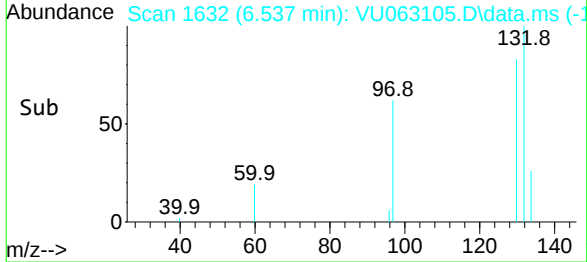
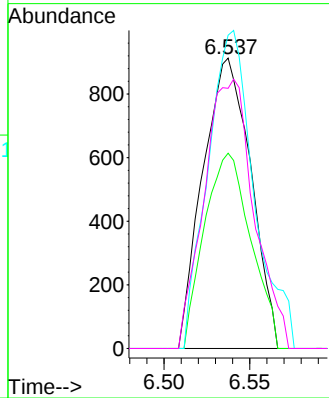


#34
Trichloroethene
Concen: 1.599 ug/L
RT: 6.537 min Scan# 16
Delta R.T. 0.009 min
Lab File: VU063105.D
Acq: 30 Jan 2025 18:00

Instrument :
MSVOA_U
ClientSampleId :
VIBLK060

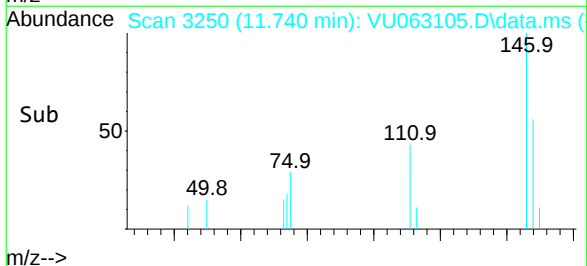
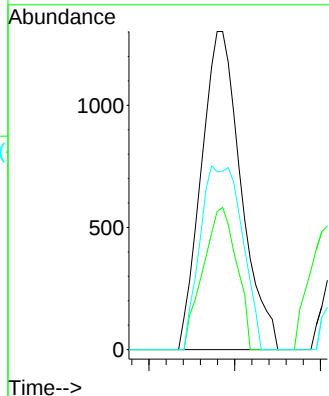
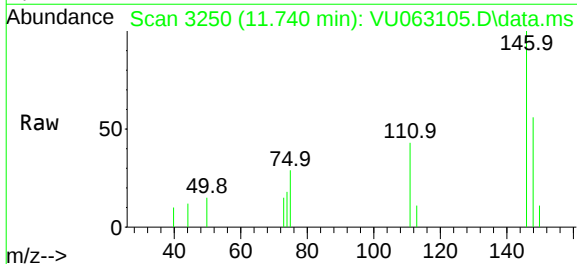


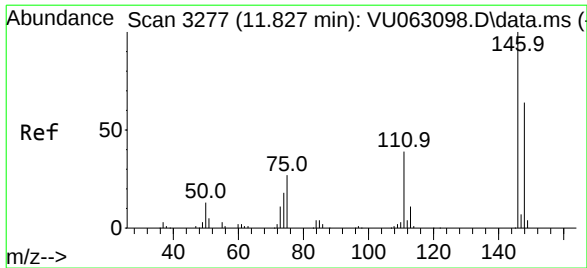
Tgt Ion:	95	Resp:	1774
Ion	Ratio	Lower	Upper
95	100		
97	67.3	44.3	82.3
132	107.9	62.4	116.0
130	89.6	65.9	122.3



#64
1,3-Dichlorobenzene
Concen: 1.127 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.006 min
Lab File: VU063105.D
Acq: 30 Jan 2025 18:00

Tgt Ion:	146	Resp:	2094
Ion	Ratio	Lower	Upper
146	100		
111	43.4	28.1	52.3
148	55.9	43.9	81.5

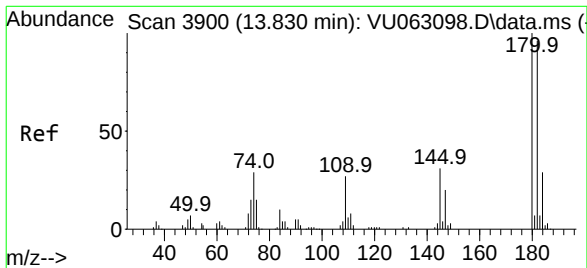
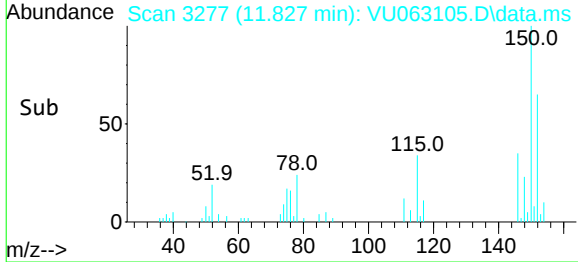
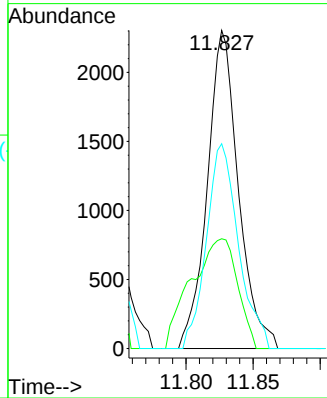
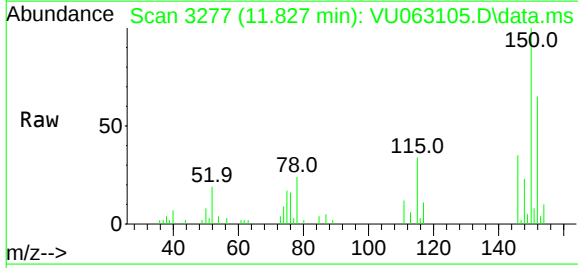




#65
1,4-Dichlorobenzene
Concen: 1.927 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063105.D
Acq: 30 Jan 2025 18:00

Instrument :
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ClientSampleId :
VIBLK060

Tgt Ion:	146	Resp:	3712
Ion	Ratio	Lower	Upper
146	100		
111	34.5	27.2	50.6
148	64.4	44.9	83.5



#70
1,2,4-trichlorobenzene
Concen: 2.753 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.009 min
Lab File: VU063105.D
Acq: 30 Jan 2025 18:00

Tgt Ion:	180	Resp:	2963
Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.5	113.3
145	25.5	24.6	36.8

