

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037586.D
 Acq On : 27 Sep 2024 05:50
 Operator : SY/MD
 Sample : P4185-14
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY062

Quant Time: Sep 27 06:33:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

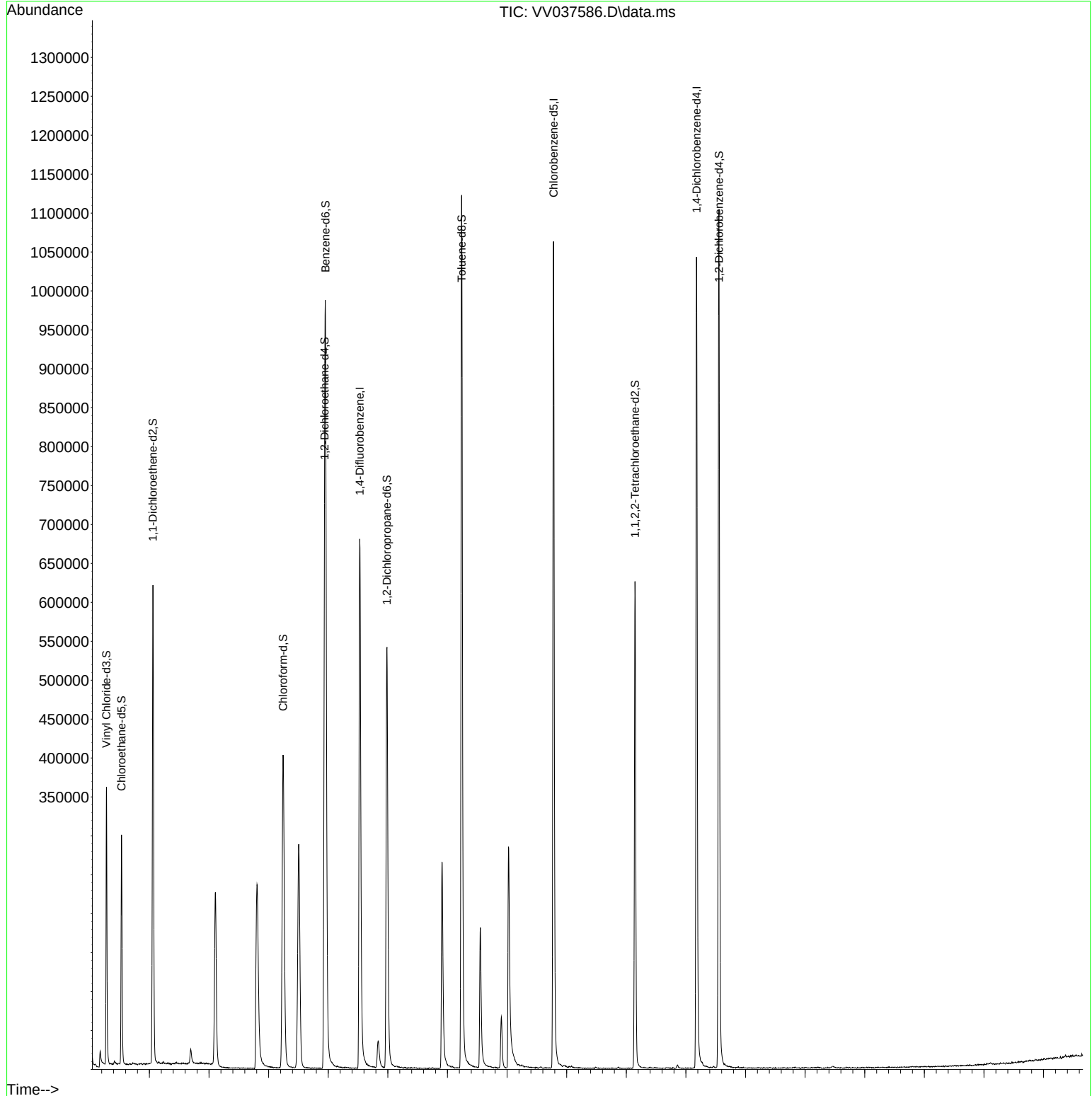
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	618227	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	594226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	277209	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	233850	43.090	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.180%		
7) Chloroethane-d5	1.532	69	191464	45.451	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.900%		
11) 1,1-Dichloroethene-d2	2.059	65	101720	44.863	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.720%		
21) 2-Butanone-d5	3.792	46	167167	86.480	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.480%		
24) Chloroform-d	4.243	84	437765	45.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.680%		
26) 1,2-Dichloroethane-d4	4.937	65	260476	46.089	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.180%		
32) Benzene-d6	4.953	84	873564	46.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.960%		
36) 1,2-Dichloropropane-d6	5.982	67	273260	46.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.300%		
41) Toluene-d8	7.239	98	759503	45.045	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.100%		
43) trans-1,3-Dichloroprop...	7.551	79	113804	41.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.740%		
47) 2-Hexanone-d5	8.024	63	101842	81.455	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.460%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	305685	44.432	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.860%		
66) 1,2-Dichlorobenzene-d4	11.554	152	292439	50.064	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.120%		
Target Compounds					Qvalue	
17) trans-1,2-Dichloroethene	2.693	96	6255	1.437	ug/L	93
19) 1,1-Dichloroethane	3.108	63	220388	26.418	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	96200	19.743	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	240276	32.831	ug/L	99
34) Trichloroethene	5.837	95	12238	2.564	ug/L	96
46) Tetrachloroethene	7.902	164	16256	4.455	ug/L	95

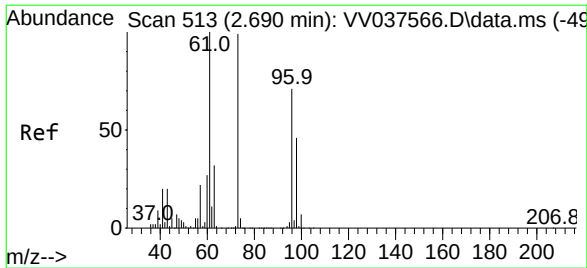
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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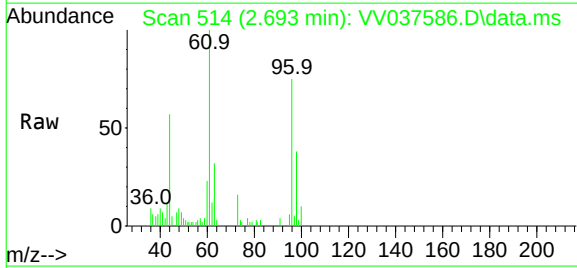
Quant Time: Sep 27 06:33:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
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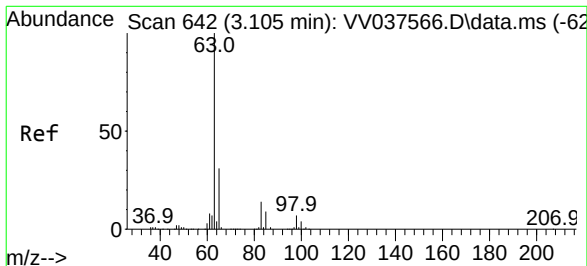
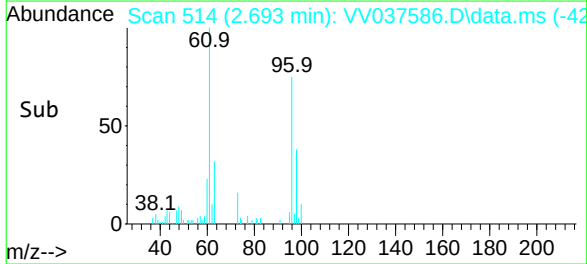
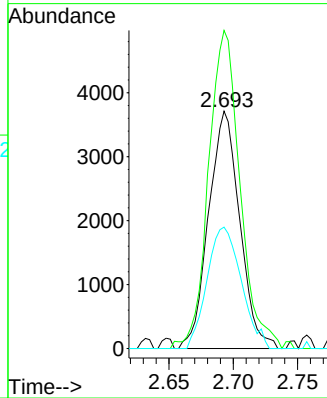


#17
trans-1,2-Dichloroethene
Concen: 1.437 ug/L
RT: 2.693 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV037586.D
Acq: 27 Sep 2024 05:50

Instrument :
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ClientSampleId :
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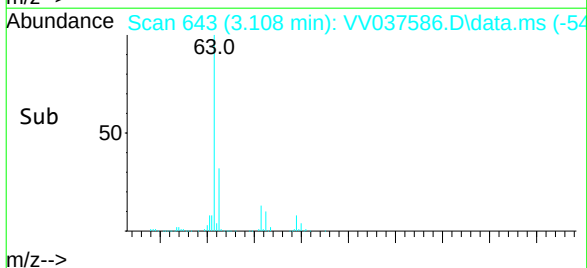
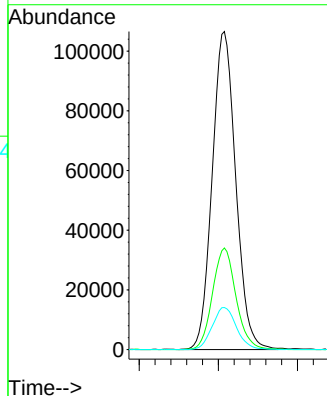
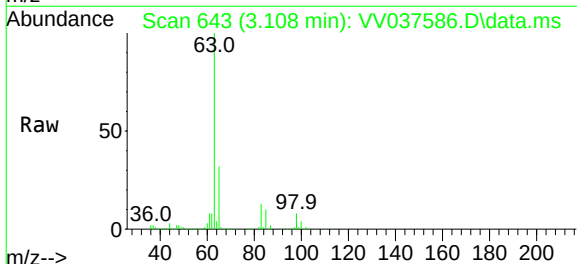


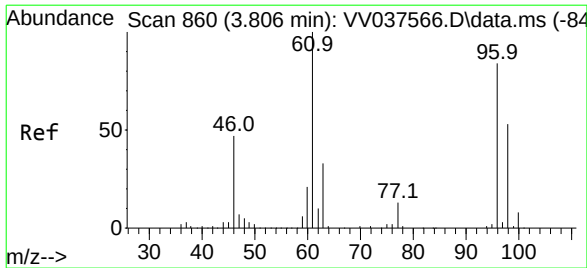
Tgt Ion: 96 Resp: 6255
Ion Ratio Lower Upper
96 100
61 134.0 97.3 180.7
98 51.1 43.9 81.5



#19
1,1-Dichloroethane
Concen: 26.418 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV037586.D
Acq: 27 Sep 2024 05:50

Tgt Ion: 63 Resp: 220388
Ion Ratio Lower Upper
63 100
65 31.9 22.4 41.6
83 13.2 9.5 17.7

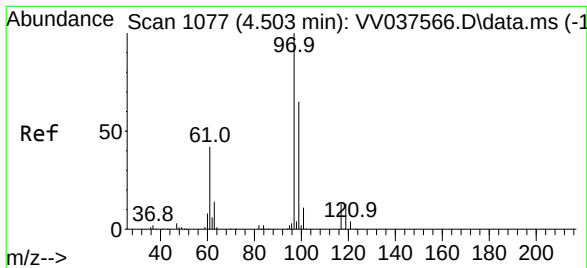
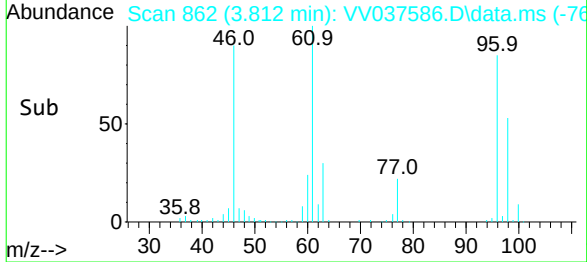
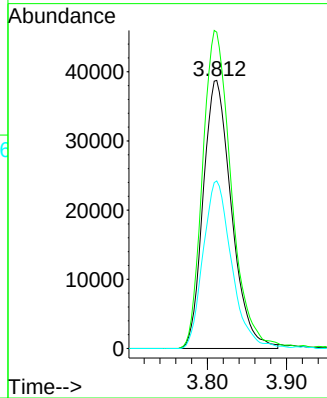
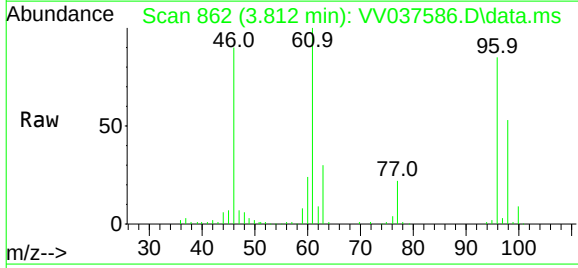




#20
cis-1,2-Dichloroethene
Concen: 19.743 ug/L
RT: 3.812 min Scan# 860
Delta R.T. 0.006 min
Lab File: VV037586.D
Acq: 27 Sep 2024 05:50

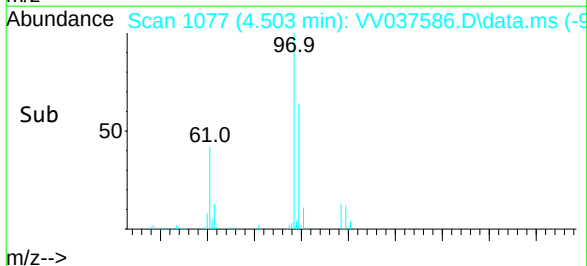
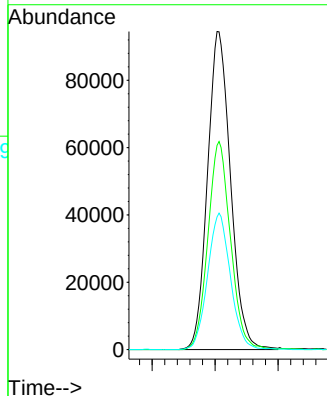
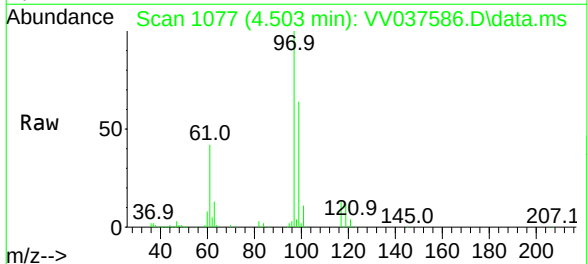
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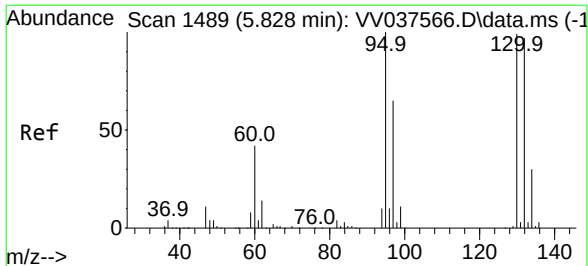
Tgt Ion: 96 Resp: 96200
Ion Ratio Lower Upper
96 100
61 118.0 85.0 157.8
98 62.5 44.2 82.0



#30
1,1,1-Trichloroethane
Concen: 32.831 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV037586.D
Acq: 27 Sep 2024 05:50

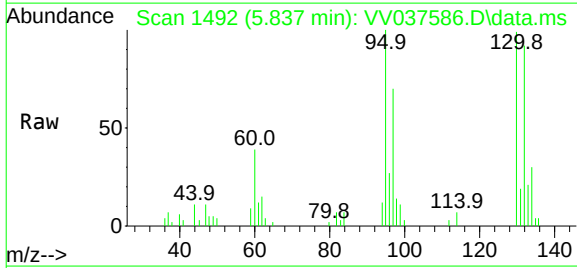
Tgt Ion: 97 Resp: 240276
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 42.5 33.6 50.4



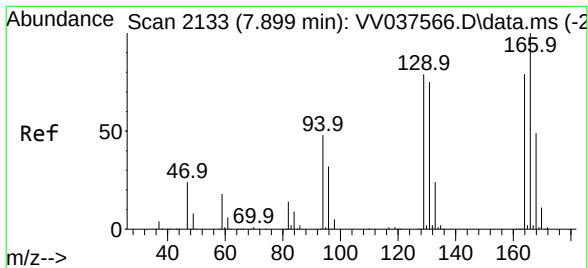
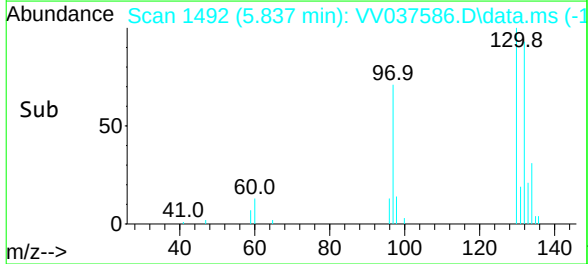
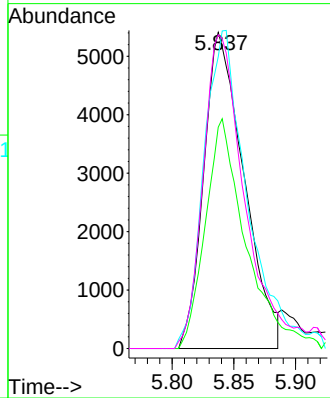


#34
Trichloroethene
Concen: 2.564 ug/L
RT: 5.837 min Scan# 1489
Delta R.T. 0.009 min
Lab File: VV037586.D
Acq: 27 Sep 2024 05:50

Instrument :
MSVOA_V
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Tgt Ion:	95	Resp:	12238
Ion Ratio	Lower	Upper	
95	100		
97	70.0	46.3	85.9
132	92.3	68.6	127.4
130	99.3	70.9	131.7



#46
Tetrachloroethene
Concen: 4.455 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037586.D
Acq: 27 Sep 2024 05:50

Tgt Ion:	164	Resp:	16256
Ion Ratio	Lower	Upper	
164	100		
129	95.0	68.2	126.6
131	86.8	66.1	122.8
166	124.2	91.1	169.1

