

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041968.D
 Acq On : 12 Jan 2021 12:49
 Operator : SY/MD
 Sample : VU0112MBL01
 Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK109

Quant Time: Jan 13 06:03:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:59:10 2021
 Response via : Initial Calibration

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

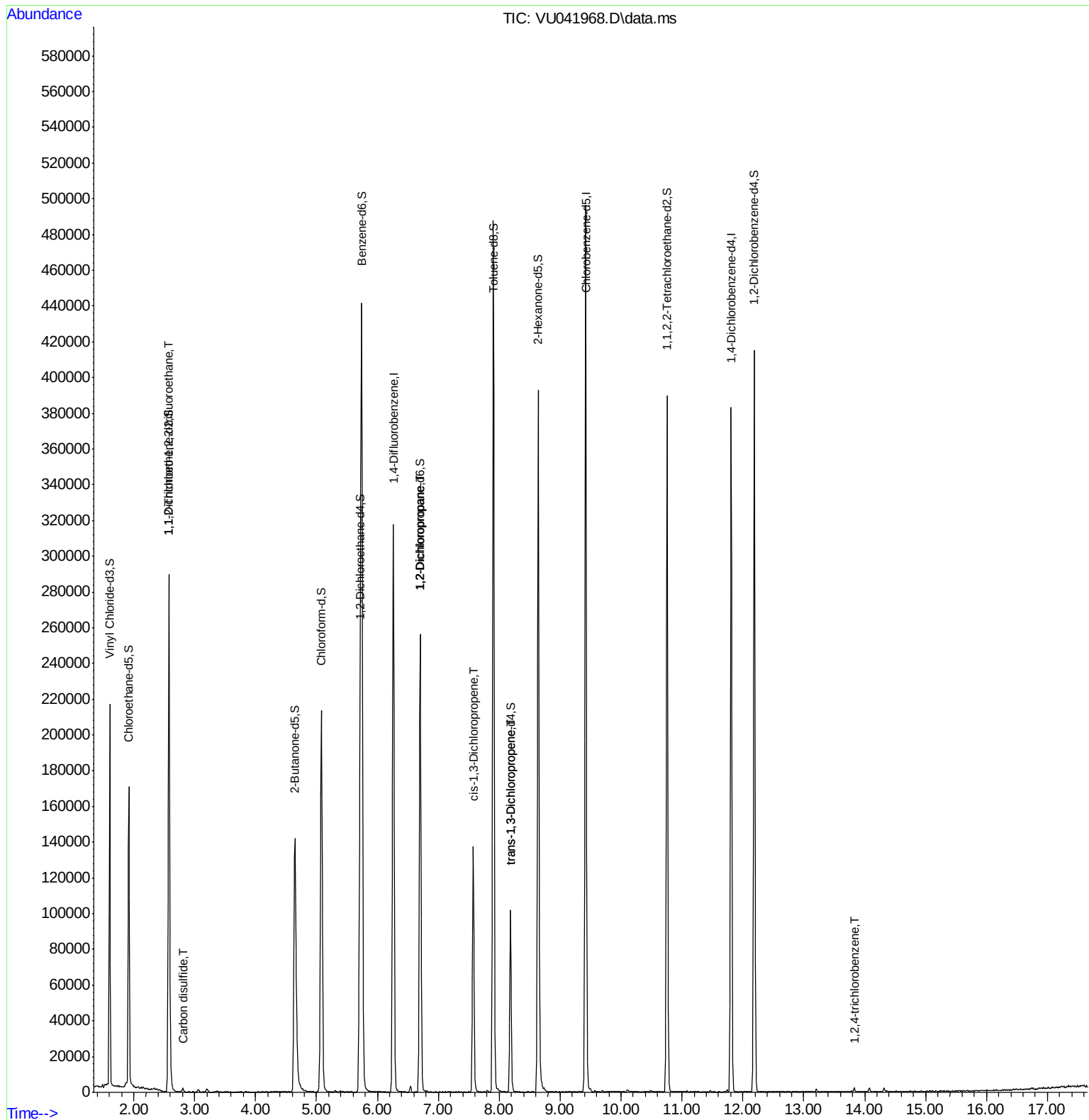
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	251191	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	269452	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97072	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	141303	51.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.58%			
7) Chloroethane-d5	1.919	69	113471	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.66%			
11) 1,1-Dichloroethene-d2	2.575	63	175912	39.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.66%			
21) 2-Butanone-d5	4.645	46	231795	110.99	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.99%			
24) Chloroform-d	5.080	84	196860	46.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.58%			
26) 1,2-Dichloroethane-d4	5.716	65	133252	50.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.74%			
32) Benzene-d6	5.742	84	397503	42.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.42%			
36) 1,2-Dichloropropane-d6	6.700	67	122581	40.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.52%			
41) Toluene-d8	7.906	98	323039	40.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.68%			
43) trans-1,3-Dichloroprop...	8.186	79	59149	39.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.68%			
47) 2-Hexanone-d5	8.639	63	145225	89.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.50%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	199350	45.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.68%			
66) 1,2-Dichlorobenzene-d4	12.189	152	104514	51.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.44%			
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1631	0.81	ug/L #	25
14) Carbon disulfide	2.806	76	2496	0.40	ug/L #	93
37) 1,2-Dichloropropane	6.703	63	12918	4.93	ug/L #	89
39) cis-1,3-Dichloropropene	7.575	75	3463	0.90	ug/L #	48
44) trans-1,3-Dichloropropene	8.186	75	2537	0.69	ug/L #	65
70) 1,2,4-trichlorobenzene	13.832	180	699	0.43	ug/L #	81

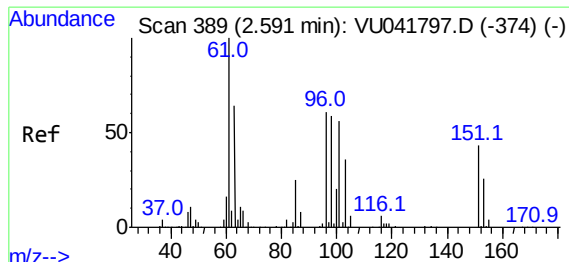
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK109

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 13 05:59:10 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.81 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.016 min

Lab File: VU041968.D

Acq: 12 Jan 2021 12:49

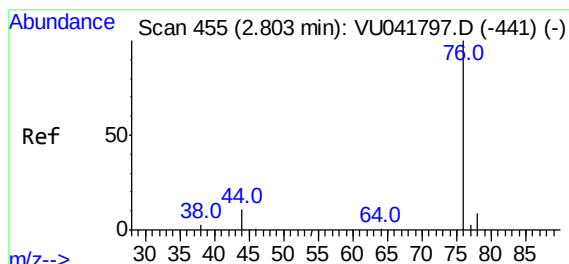
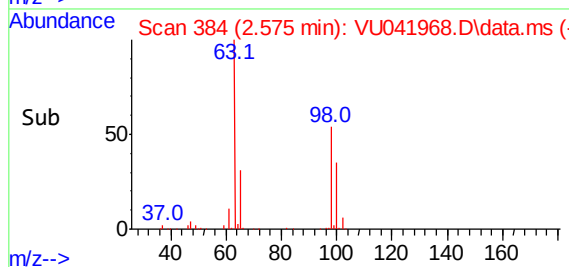
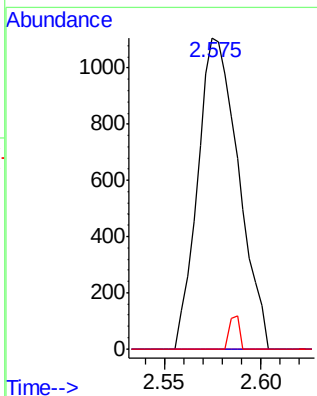
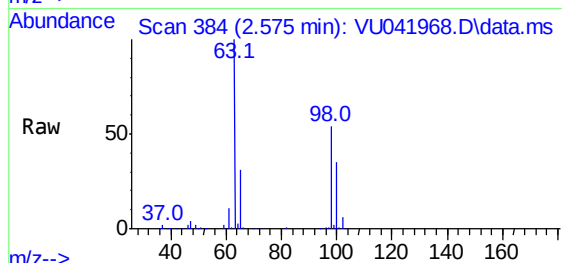
Instrument :

MSVOA_U

ClientSampleId :

VBLK109

Tgt Ion:	101	Resp:	1631
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.4#
151	2.6	52.6	79.0#



#14

Carbon disulfide

Concen: 0.40 ug/L

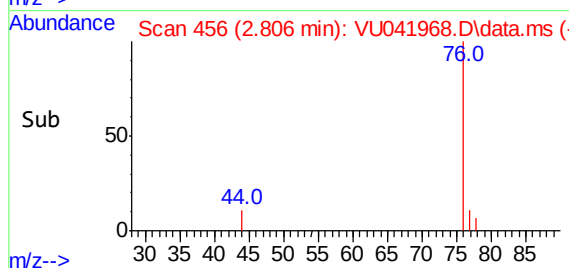
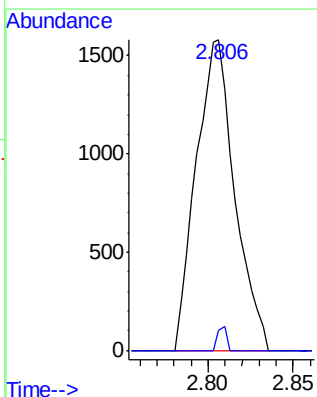
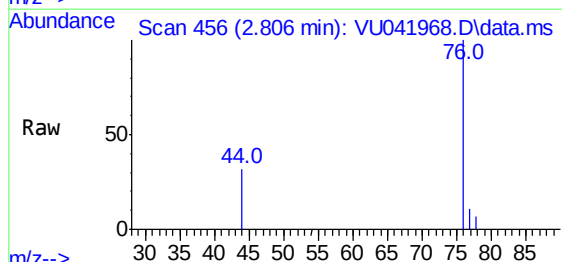
RT: 2.806 min Scan# 456

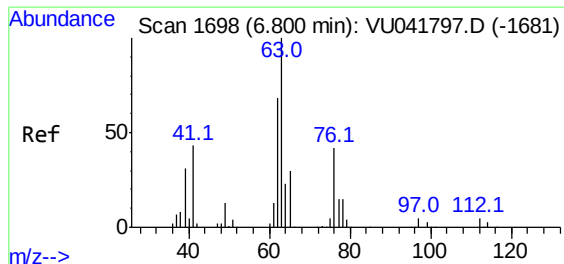
Delta R.T. 0.003 min

Lab File: VU041968.D

Acq: 12 Jan 2021 12:49

Tgt Ion:	76	Resp:	2496
Ion	Ratio	Lower	Upper
76	100		
78	6.6	7.3	10.9#

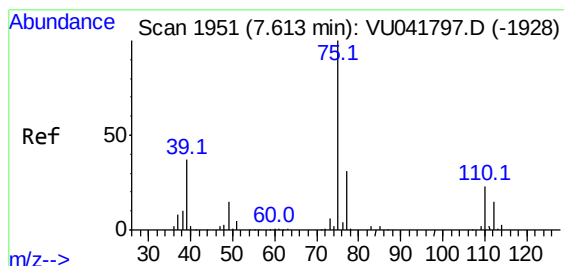
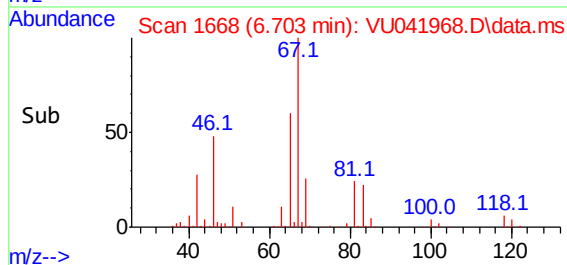
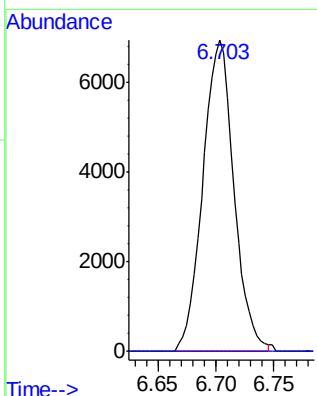
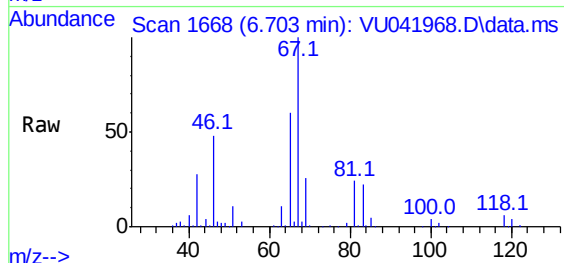




#37
1,2-Dichloropropane
Concen: 4.93 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU041968.D
Acq: 12 Jan 2021 12:49

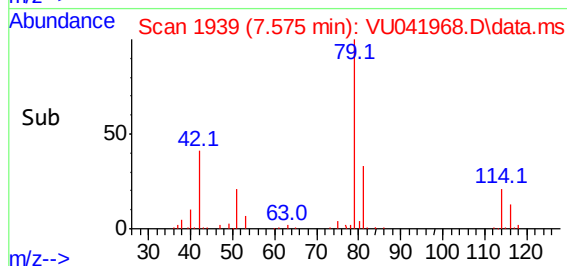
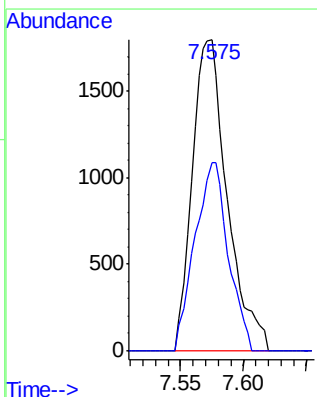
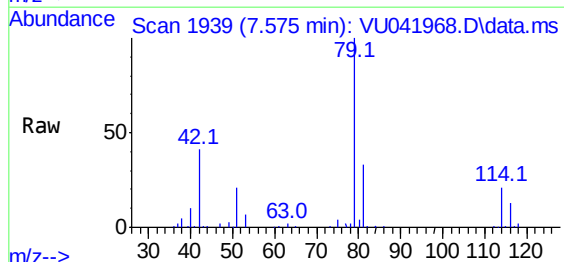
Instrument :
MSVOA_U
ClientSampled :
VBLK109

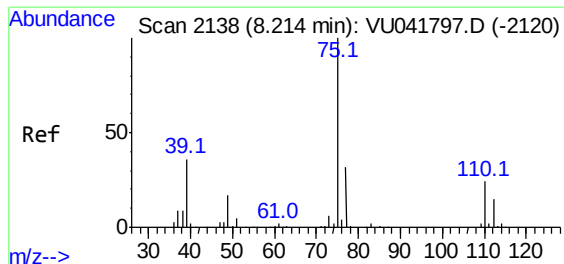
Tgt Ion: 63 Resp: 12918
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#39
cis-1,3-Dichloropropene
Concen: 0.90 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.035 min
Lab File: VU041968.D
Acq: 12 Jan 2021 12:49

Tgt Ion: 75 Resp: 3463
Ion Ratio Lower Upper
75 100
77 60.4 22.1 41.1#

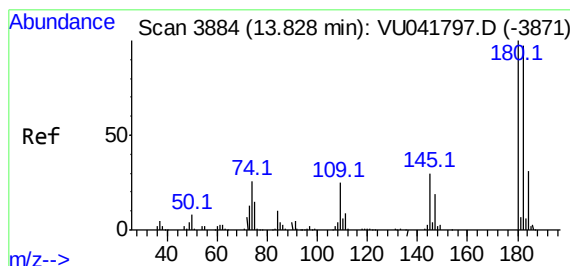
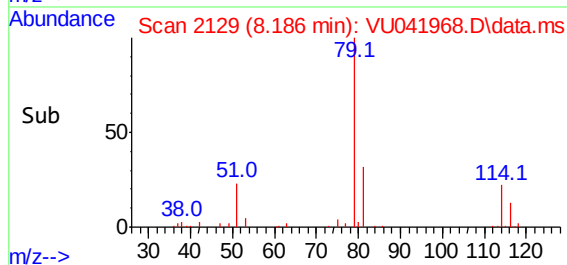
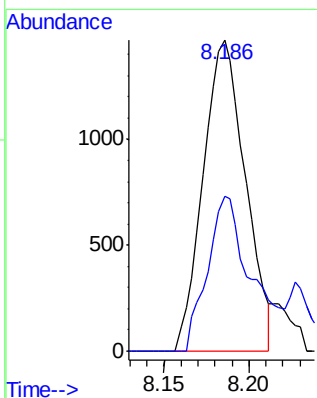
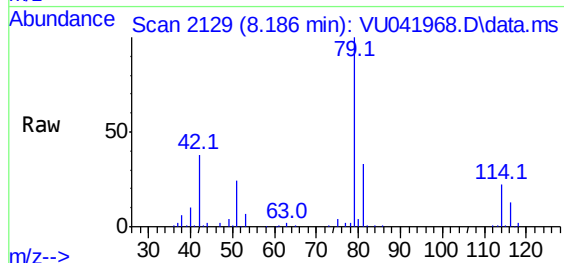




#44
trans-1,3-Dichloropropene
Concen: 0.69 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU041968.D
Acq: 12 Jan 2021 12:49

Instrument :
MSVOA_U
ClientSampled :
VBLK109

Tgt Ion: 75 Resp: 2537
Ion Ratio Lower Upper
75 100
77 49.8 21.3 39.6#



#70
1,2,4-trichlorobenzene
Concen: 0.43 ug/L
RT: 13.832 min Scan# 3885
Delta R.T. 0.003 min
Lab File: VU041968.D
Acq: 12 Jan 2021 12:49

Tgt Ion:180 Resp: 699
Ion Ratio Lower Upper
180 100
182 115.6 76.1 114.1#
145 25.6 26.8 40.2#

