

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051045.D
 Acq On : 30 Sep 2022 19:40
 Operator : JC/MD
 Sample : N4859-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 01:28:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 01:23:58 2022
 Response via : Initial Calibration

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

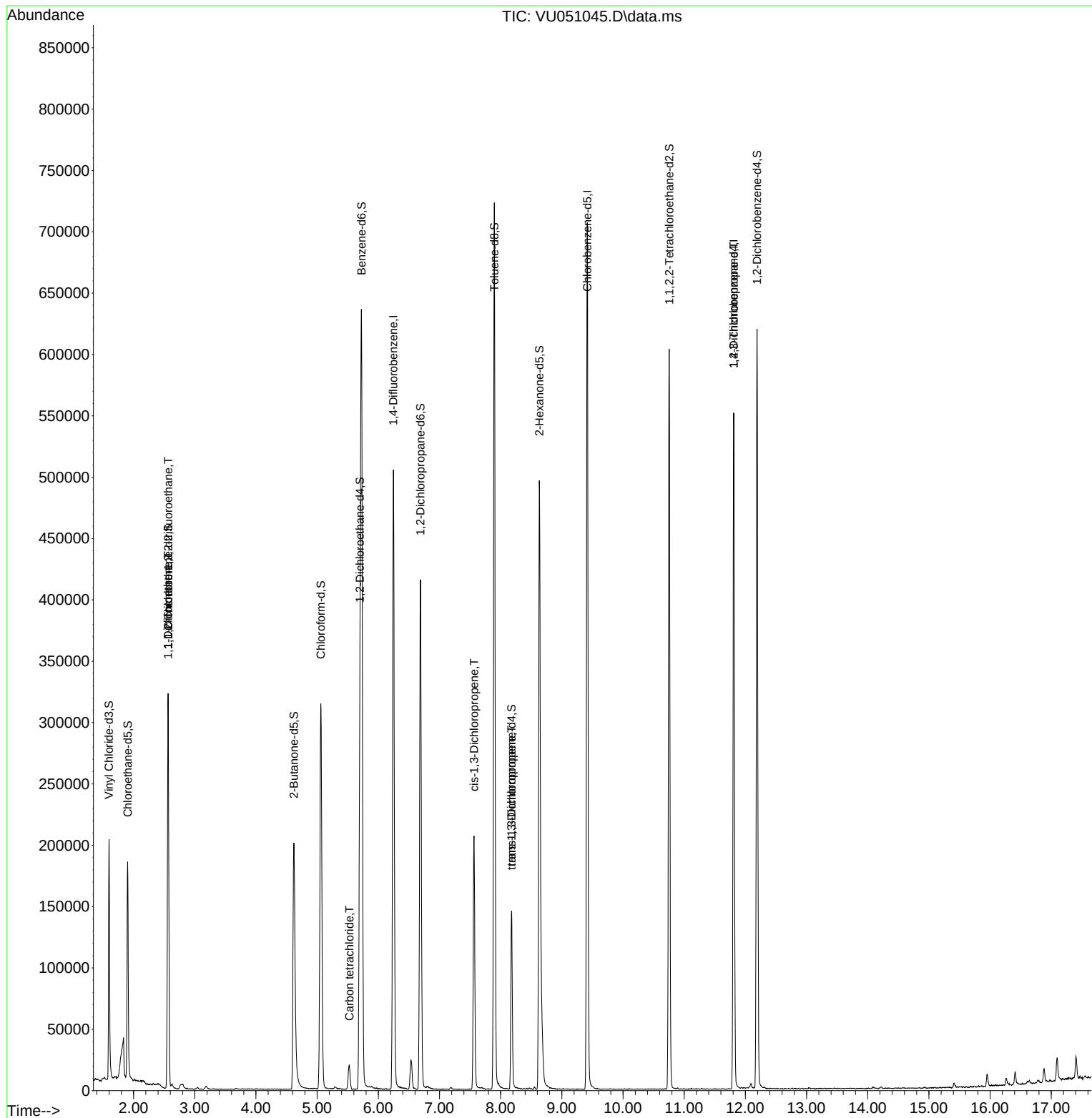
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	403598	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	392146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	142139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	147913	36.162	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	72.320%	
7) Chloroethane-d5	1.903	69	132781	34.947	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	69.900%#	
11) 1,1-Dichloroethene-d2	2.565	63	189218	31.317	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.640%	
21) 2-Butanone-d5	4.620	46	293900	110.785	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	110.790%	
24) Chloroform-d	5.060	84	294873	44.746	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.500%	
26) 1,2-Dichloroethane-d4	5.700	65	197406	48.397	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.800%	
32) Benzene-d6	5.726	84	588809	51.274	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.540%	
36) 1,2-Dichloropropane-d6	6.690	67	203719	54.671	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	109.340%	
41) Toluene-d8	7.896	98	475323	44.800	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	8.179	79	81855	46.055	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.100%	
47) 2-Hexanone-d5	8.632	63	147167	97.810	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	97.810%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	305900	46.972	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.940%	
66) 1,2-Dichlorobenzene-d4	12.192	152	160891	52.986	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.980%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1756	0.570	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1406	0.489	ug/L #	1
31) Carbon tetrachloride	5.526	117	13862	3.694	ug/L	97
39) cis-1,3-Dichloropropene	7.565	75	4927	1.081	ug/L #	49
44) trans-1,3-Dichloropropene	8.176	75	3389	0.735	ug/L	88
60) 1,2,3-Trichloropropane	11.809	75	17557	4.694	ug/L #	67

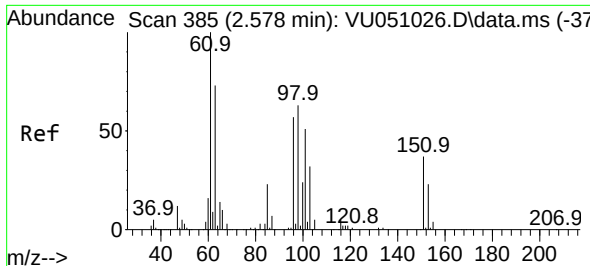
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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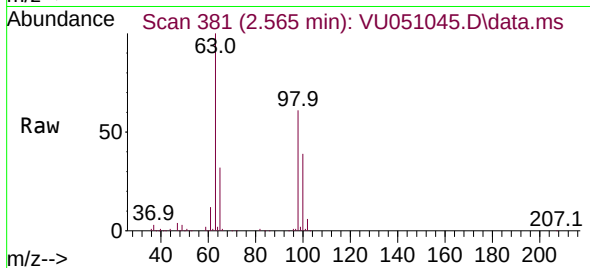
Quant Time: Oct 01 01:28:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
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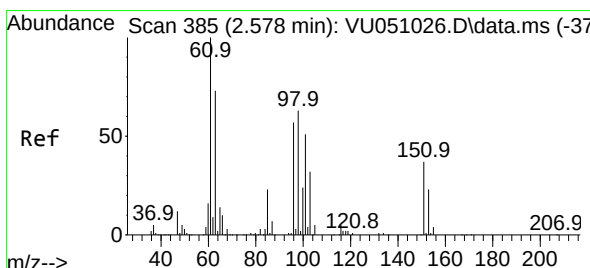
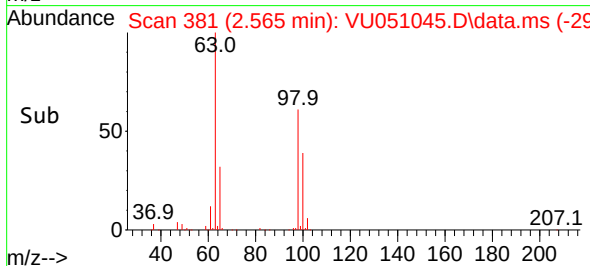
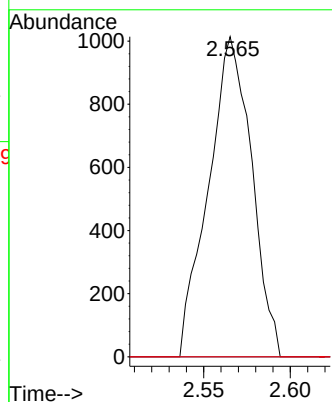


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.570 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051045.D
 Acq: 30 Sep 2022 19:40

Instrument :
 MSVOA_U
 ClientSampleId :

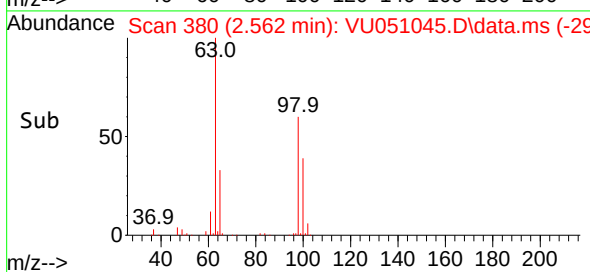
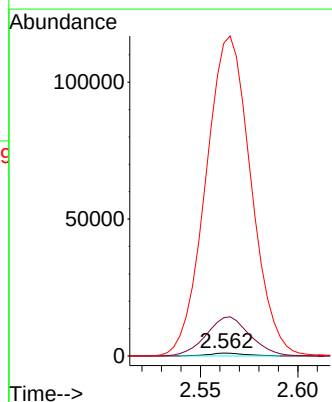
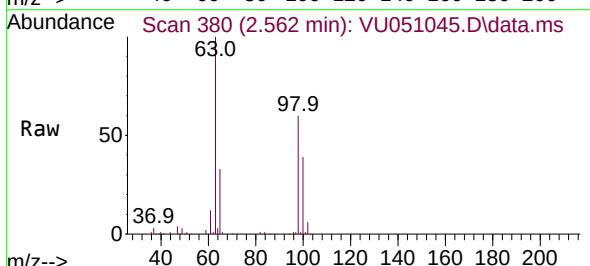


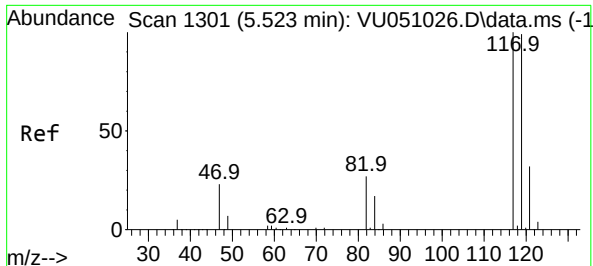
Tgt Ion: 101 Resp: 1756
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.489 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU051045.D
 Acq: 30 Sep 2022 19:40

Tgt Ion: 96 Resp: 1406
 Ion Ratio Lower Upper
 96 100
 61 1319.4 113.0 209.9#
 63 10780.7 91.7 170.3#

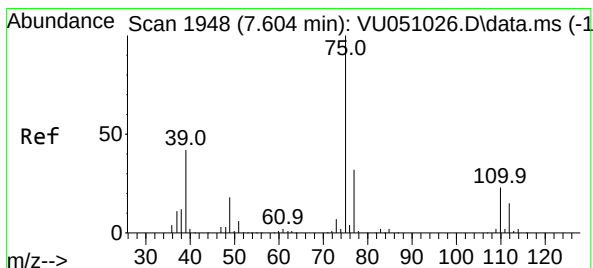
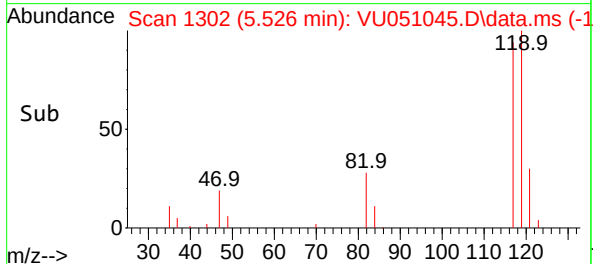
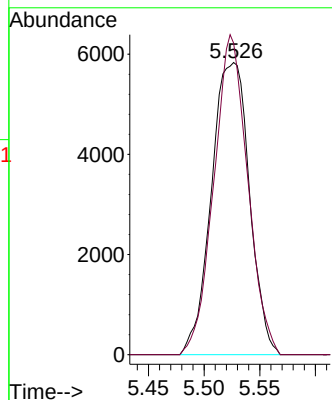
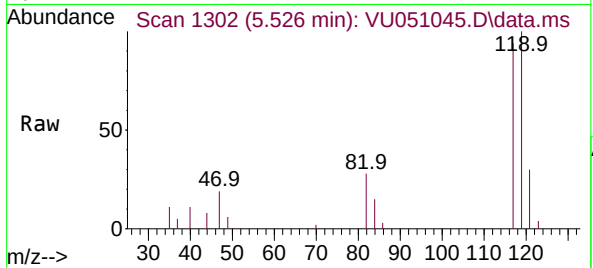




#31
Carbon tetrachloride
Concen: 3.694 ug/L
RT: 5.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051045.D
Acq: 30 Sep 2022 19:40

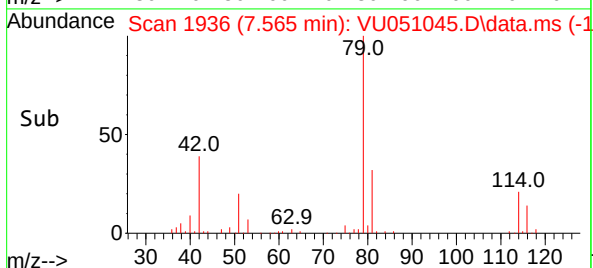
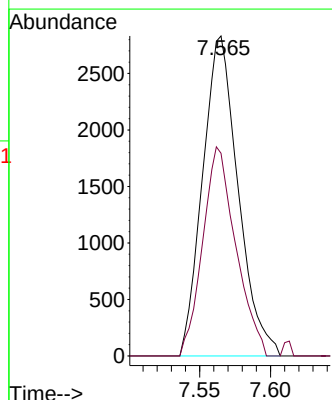
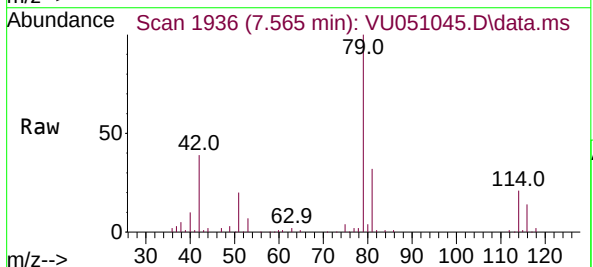
Instrument :
MSVOA_U
ClientSampleId :

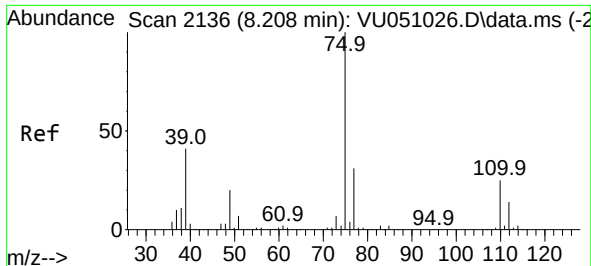
Tgt Ion:117 Resp: 13862
Ion Ratio Lower Upper
117 100
119 97.4 75.7 113.5



#39
cis-1,3-Dichloropropene
Concen: 1.081 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.039 min
Lab File: VU051045.D
Acq: 30 Sep 2022 19:40

Tgt Ion: 75 Resp: 4927
Ion Ratio Lower Upper
75 100
77 60.0 22.0 41.0#

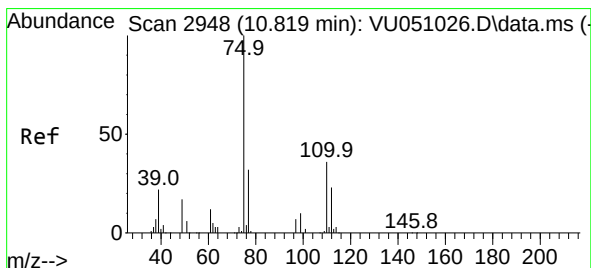
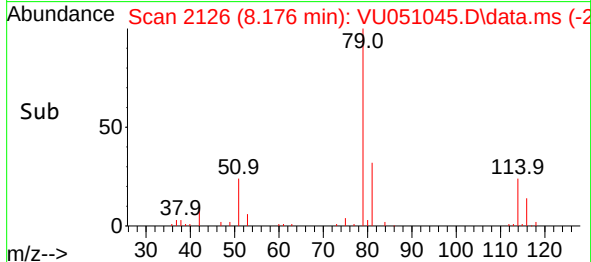
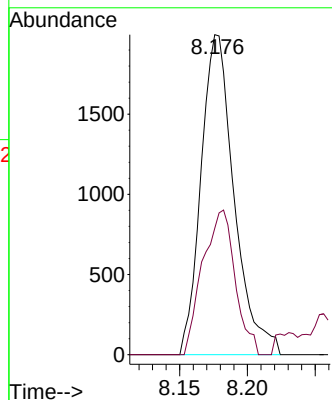
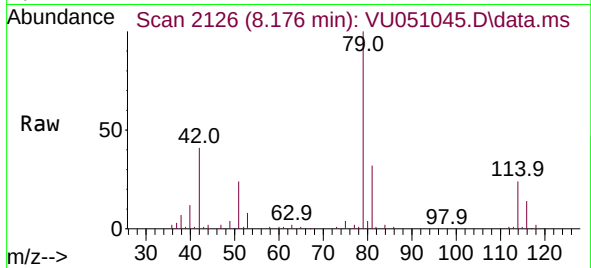




#44
trans-1,3-Dichloropropene
Concen: 0.735 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051045.D
Acq: 30 Sep 2022 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3389
Ion Ratio Lower Upper
75 100
77 39.5 22.7 42.3



#60
1,2,3-Trichloropropane
Concen: 4.694 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051045.D
Acq: 30 Sep 2022 19:40

Tgt Ion: 75 Resp: 17557
Ion Ratio Lower Upper
75 100
77 34.3 26.1 39.1
110 2.2 30.0 45.0#

