Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
Data File : VU050323.D
Acq On : 13 Aug 2022 17:04
Operator : SY/MD
Sample : N4072-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBUX2

Quant Time: Aug 14 01:28:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Aug 14 01:24:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88999	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	42210	5.699	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.000%			
7) Chloroethane-d5	1.913	69	33916	5.676	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.600%			
11) 1,1-Dichloroethene-d2	2.562	65	16300	5.631	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.600%			
20) 2-Butanone-d5	4.649	46	115189	63.776	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.560%			
24) Chloroform-d	5.064	84	70788	5.138	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.800%			
26) 1,2-Dichloroethane-d4	5.703	65	37496	5.301	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.000%			
32) Benzene-d6	5.729	84	139756	4.981	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.600%			
36) 1,2-Dichloropropane-d6	6.690	67	48201	5.217	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.400%			
41) Toluene-d8	7.899	98	108711	4.387	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	8.182	79	15737	4.753	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.000%			
46) 2-Hexanone-d5	8.636	63	64237	54.711	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.420%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	42539	5.243	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	38020	5.573	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	4598	0.481	ug/L #	82
13) Acetone	2.668	43	5087m	5.057	ug/L	
14) Carbon disulfide	2.790	76	6665	0.303	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	114428	7.127	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	6436	0.934	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	14231	1.861	ug/L	98

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

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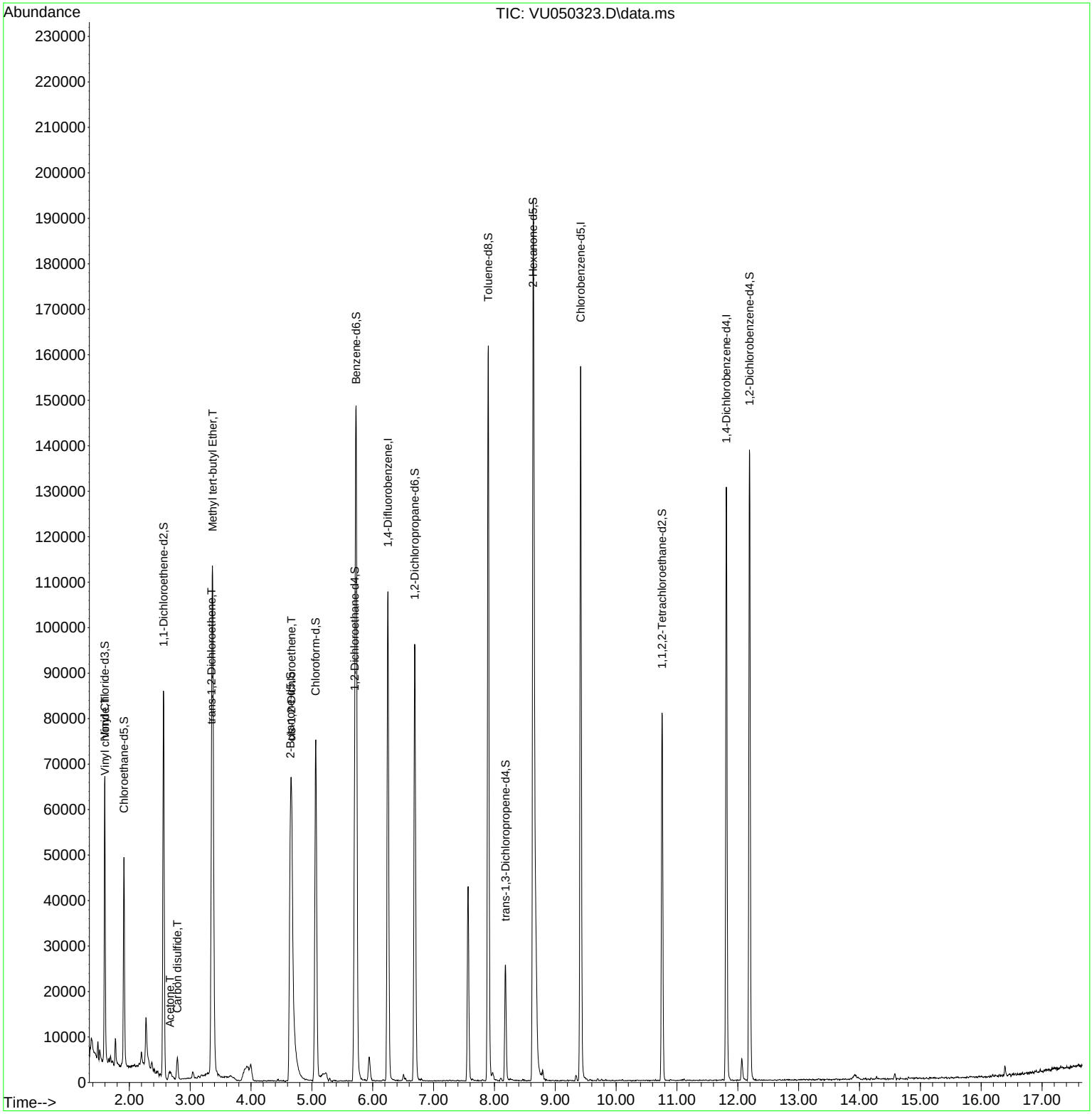
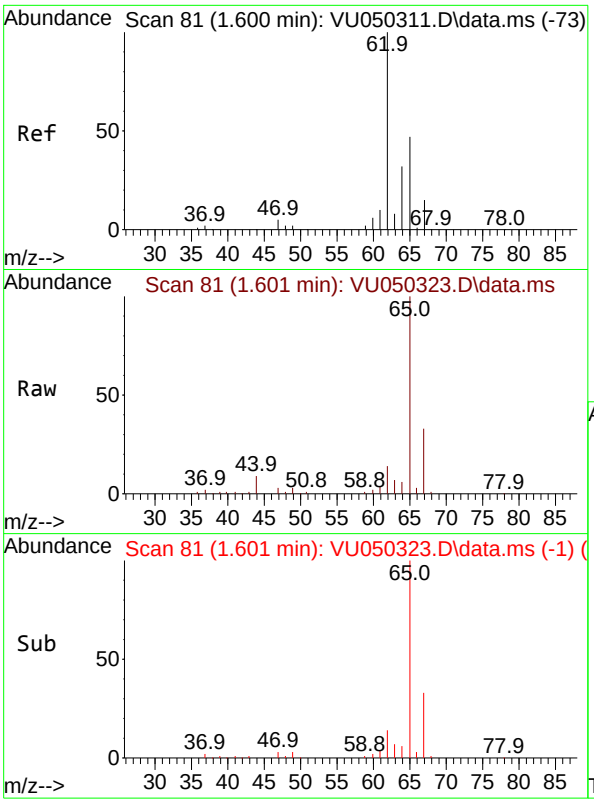


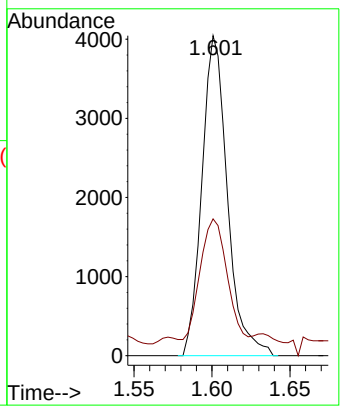


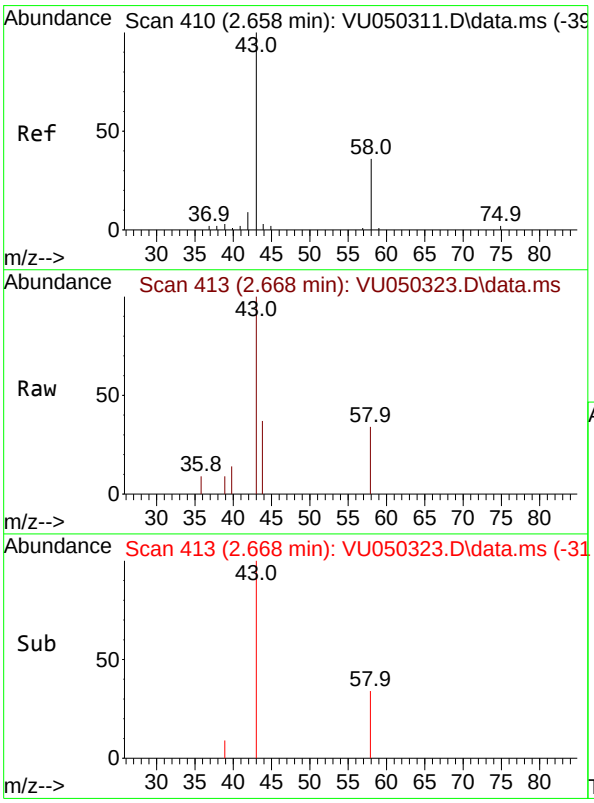
#5
Vinyl chloride
Concen: 0.481 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

Instrument :
MSVOA_U
ClientSampleId :
DBUX2

Tgt Ion: 62 Resp: 4598

Ion	Ratio	Lower	Upper
62	100		
64	42.8	22.8	42.4#

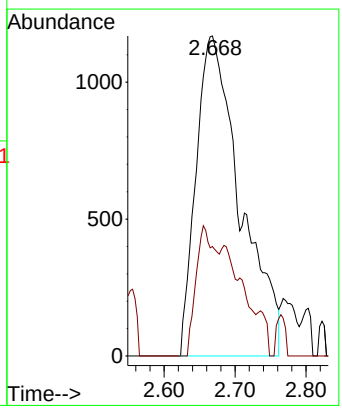


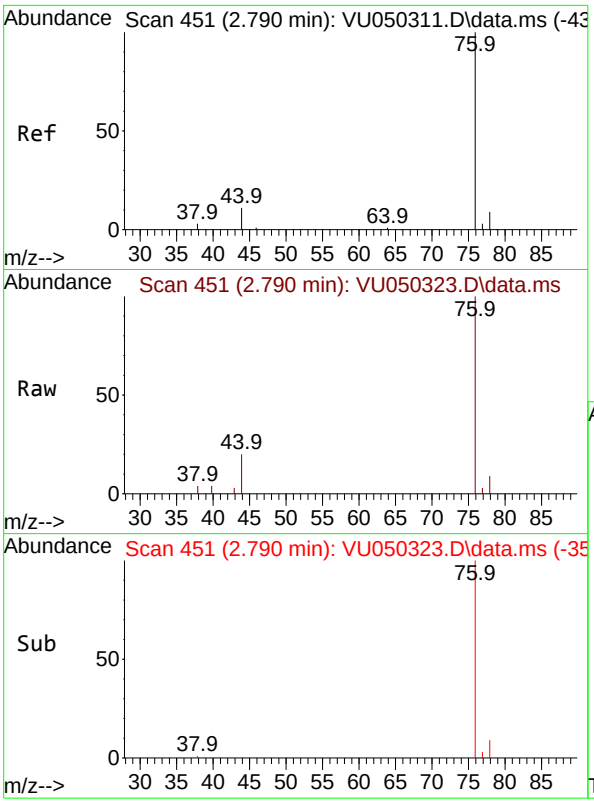


#13
Acetone
Concen: 5.057 ug/L m
RT: 2.668 min Scan# 413
Delta R.T. 0.010 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

Tgt Ion: 43 Resp: 5087

Ion	Ratio	Lower	Upper
43	100		
58	18.5	0.0	64.0



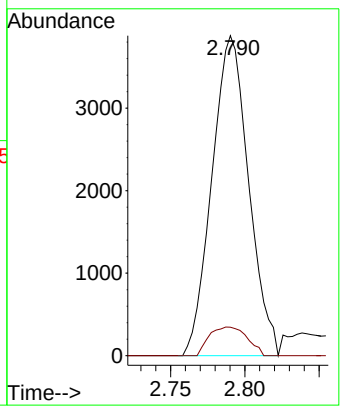


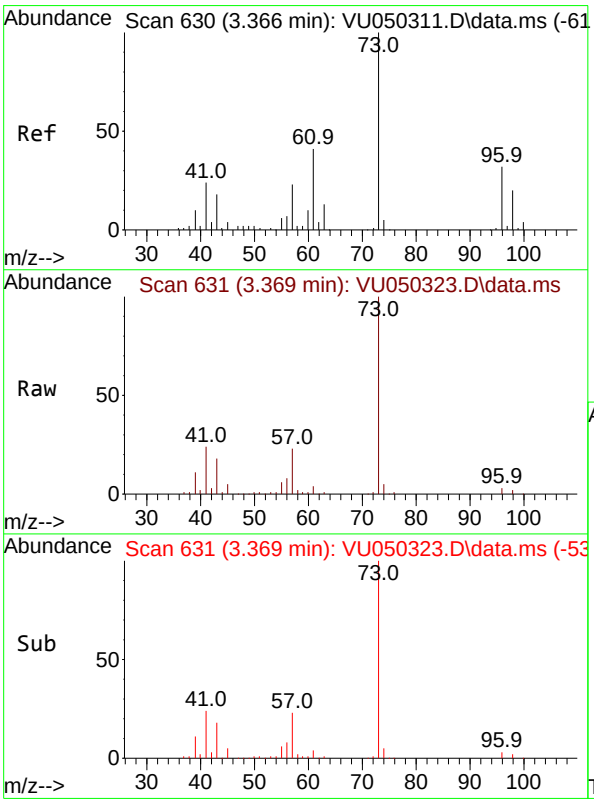
#14
Carbon disulfide
Concen: 0.303 ug/L
RT: 2.790 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

Instrument :
MSVOA_U
ClientSampleId :
DBUX2

Tgt Ion: 76 Resp: 6665

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

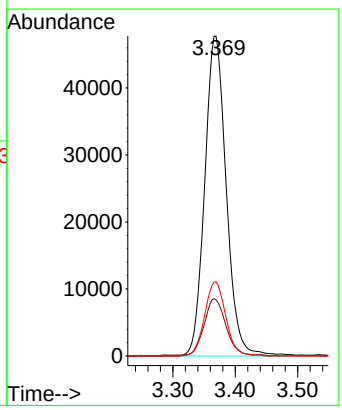


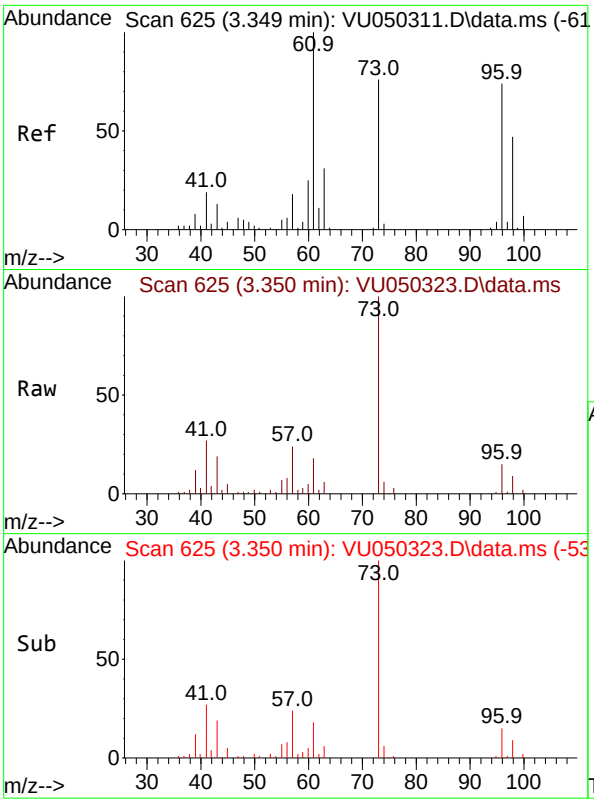


#17
Methyl tert-butyl Ether
Concen: 7.127 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

Tgt Ion: 73 Resp: 114428

Ion	Ratio	Lower	Upper
73	100		
43	17.5	13.5	20.3
57	22.7	17.4	26.2



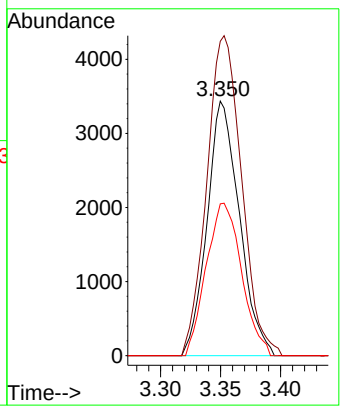


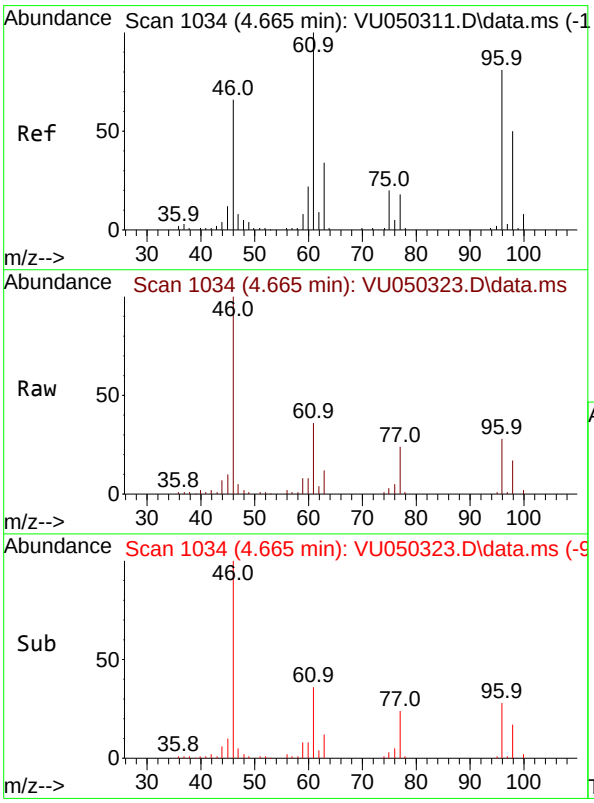
#18
trans-1,2-Dichloroethene
Concen: 0.934 ug/L
RT: 3.350 min Scan# 6
Delta R.T. 0.000 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

Instrument :
MSVOA_U
ClientSampleId :
DBUX2

Tgt Ion: 96 Resp: 6436

Ion	Ratio	Lower	Upper
96	100		
61	123.6	92.3	171.5
98	59.7	43.2	80.2





#22
cis-1,2-Dichloroethene
Concen: 1.861 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

Tgt Ion: 96 Resp: 14231

Ion	Ratio	Lower	Upper
96	100		
61	126.8	89.0	165.4
98	60.0	45.2	84.0