

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011724\
 Data File : VV033716.D
 Acq On : 17 Jan 2024 13:43
 Operator : SY/MD
 Sample : P1121-06 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8K9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
 Supervised By :Mahesh Dadoda 01/18/2024

Quant Time: Jan 18 00:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	103103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	18865	3.162	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.200%	
7) Chloroethane-d5	1.535	69	17876	3.378	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	67.600%	
11) 1,1-Dichloroethene-d2	2.063	65	9043	3.363	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.200%	
20) 2-Butanone-d5	3.802	46	54994	37.696	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.400%	
24) Chloroform-d	4.252	84	47929	3.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.200%	
26) 1,2-Dichloroethane-d4	4.947	65	23185	4.007	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
32) Benzene-d6	4.963	84	87935	3.535	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.600%	
36) 1,2-Dichloropropane-d6	5.992	67	28604	3.449	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	69.000%	
41) Toluene-d8	7.246	98	77324	3.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.600%#	
43) trans-1,3-Dichloroprop...	7.561	79	9634	3.360	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.200%	
46) 2-Hexanone-d5	8.030	63	42580	37.823	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.640%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19785	4.082	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	31592	3.898	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	78.000%#	
Target Compounds						
5) Vinyl chloride	1.285	62	44456	3.917	ug/L #	1
12) 1,1-Dichloroethene	2.072	96	2840	0.369	ug/L #	1
13) Acetone	2.127	43	3900	3.293	ug/L	95
19) 1,1-Dichloroethane	3.117	63	10566	0.612	ug/L	93
21) 2-Butanone	3.908	43	13884m	8.446	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	71702	7.881	ug/L	97

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

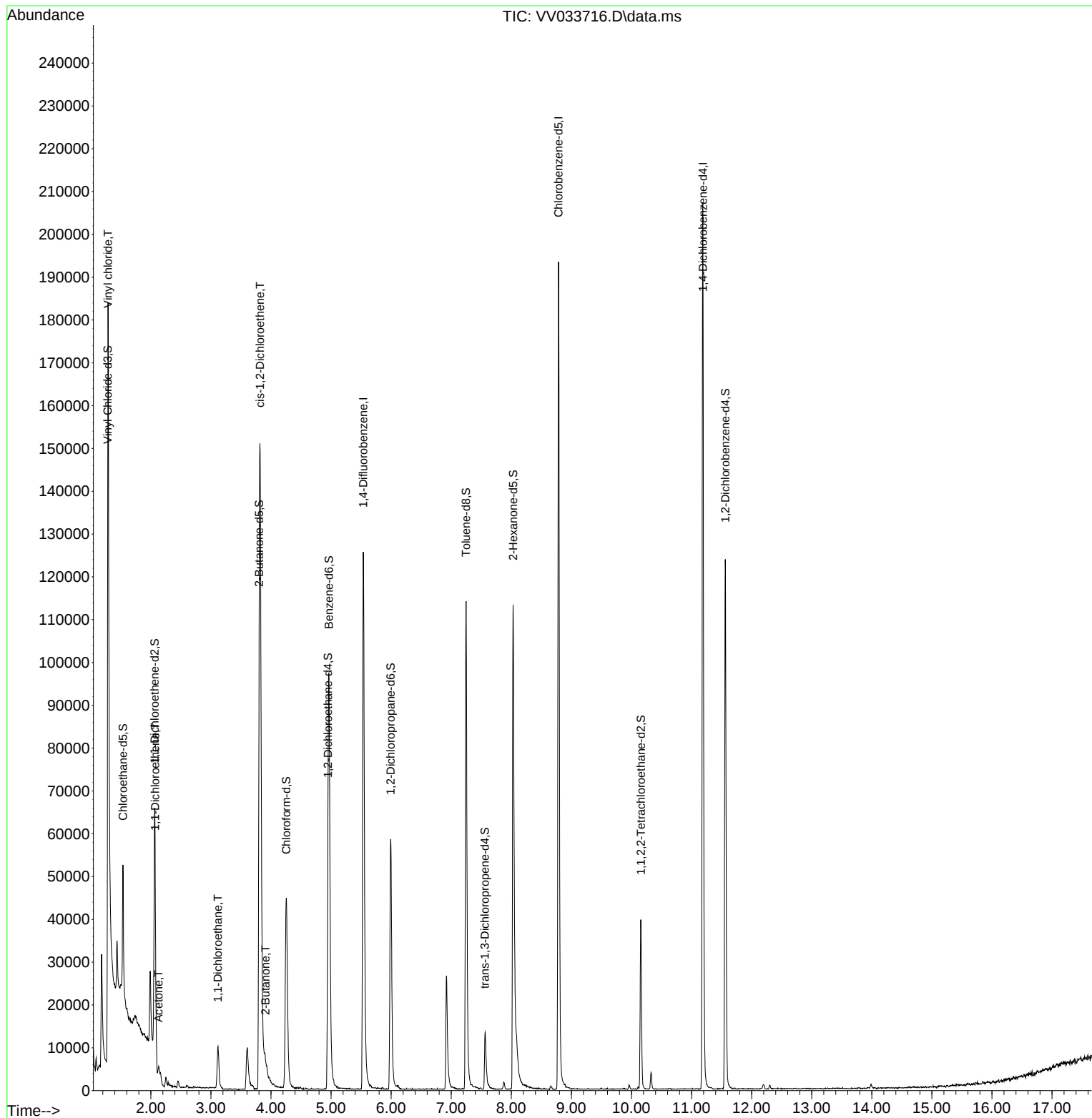
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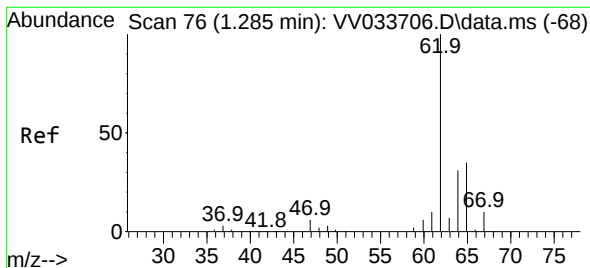
Instrument :
MSVOA_V
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 00:02:20 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.917 ug/L

RT: 1.285 min Scan# 70

Delta R.T. -0.000 min

Lab File: VV033716.D

Acq: 17 Jan 2024 13:43

Instrument :

MSVOA_V

ClientSampleId :

BH8K9

Tgt Ion: 62 Resp: 44450

Ion Ratio Lower Upper

62 100

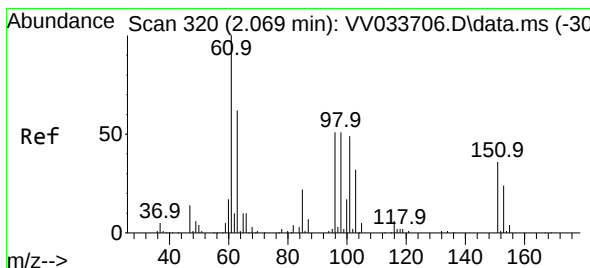
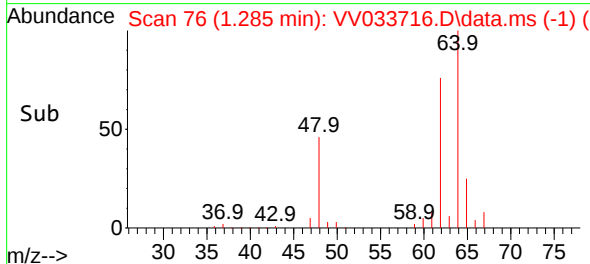
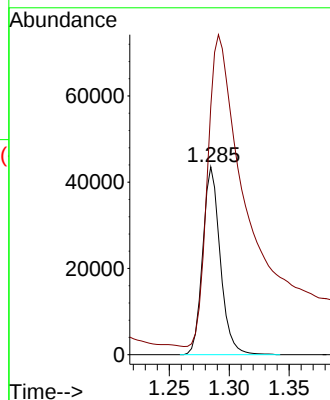
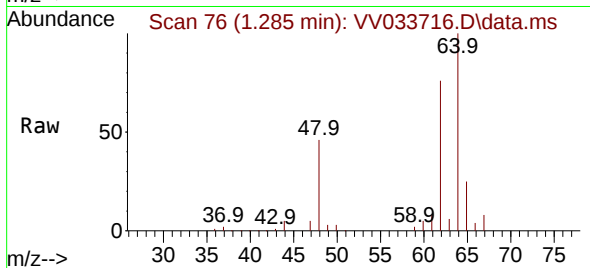
64 132.0 23.0 42.8

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.369 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV033716.D

Acq: 17 Jan 2024 13:43

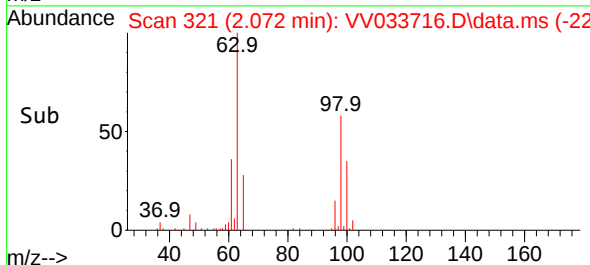
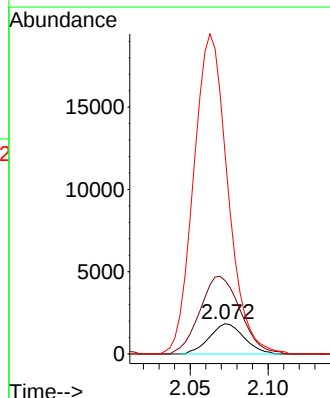
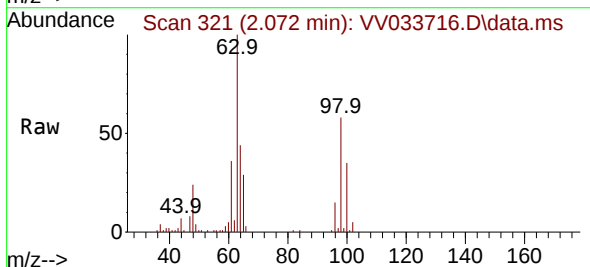
Tgt Ion: 96 Resp: 2840

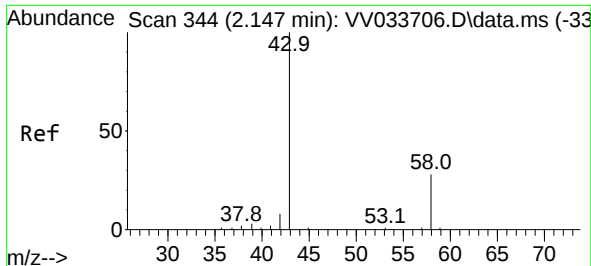
Ion Ratio Lower Upper

96 100

61 243.2 133.8 248.4

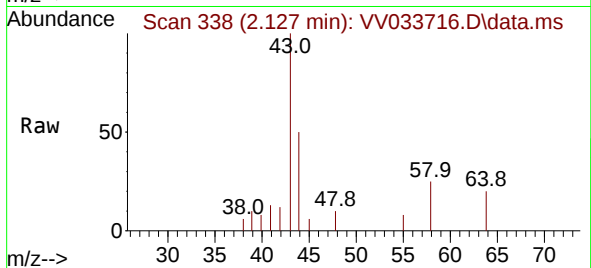
63 667.1 77.2 143.4





#13
Acetone
Concen: 3.293 ug/L
RT: 2.127 min Scan# 31
Delta R.T. -0.020 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43

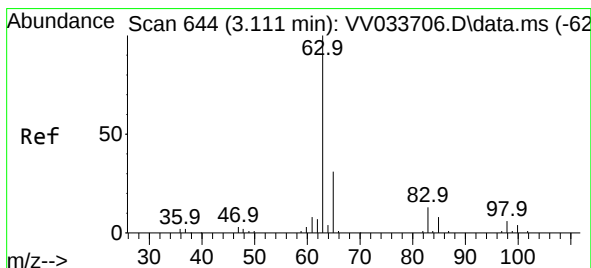
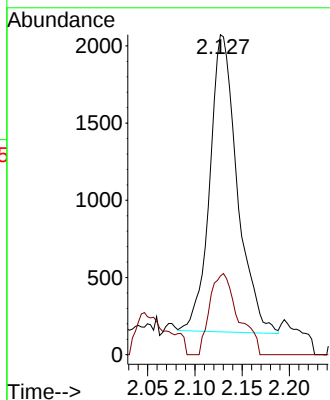
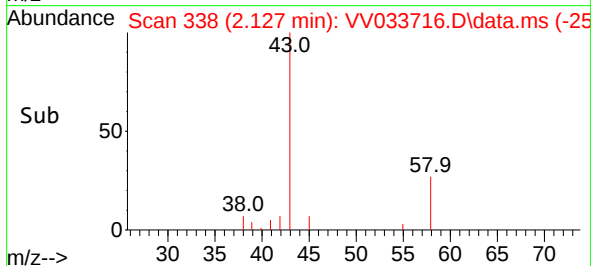
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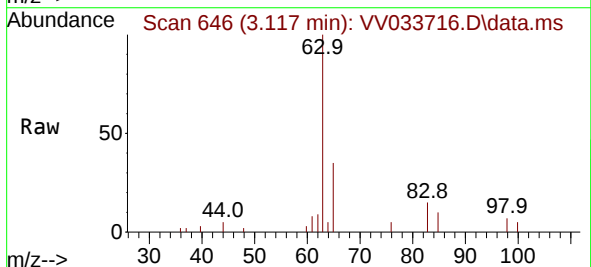
Tgt Ion: 43 Resp: 3900
Ion Ratio Lower Upper
43 100
58 28.2 0.0 51.0

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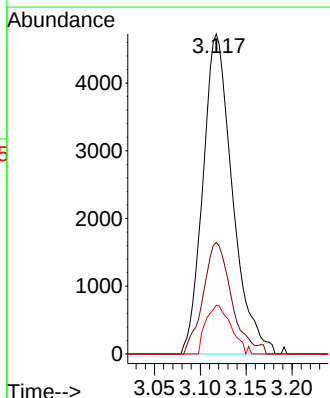
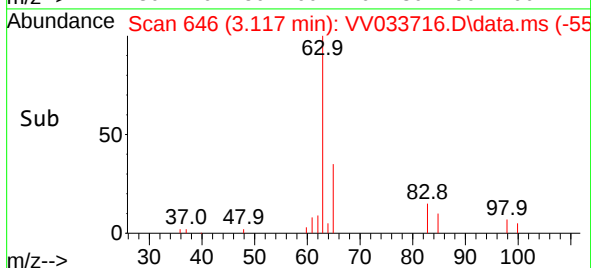
Reviewed By :Semsettin Yesilyurt 01/18/2024
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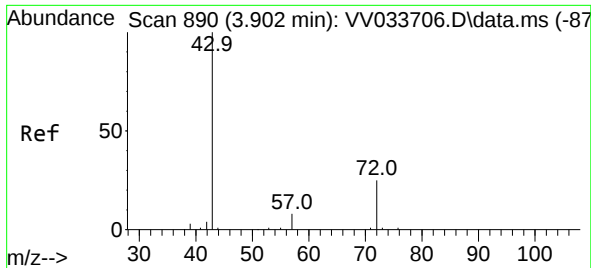


#19
1,1-Dichloroethane
Concen: 0.612 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43



Tgt Ion: 63 Resp: 10566
Ion Ratio Lower Upper
63 100
65 34.9 21.6 40.2
83 15.2 9.1 16.9





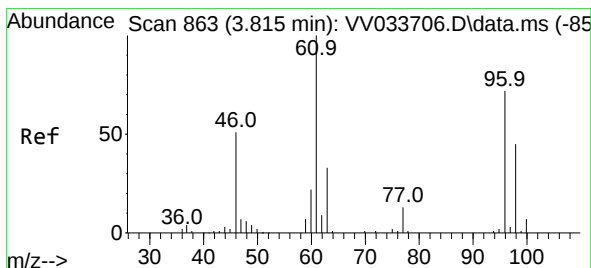
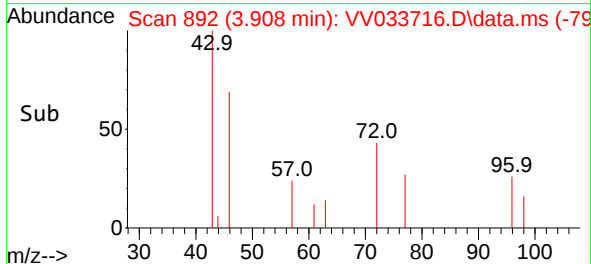
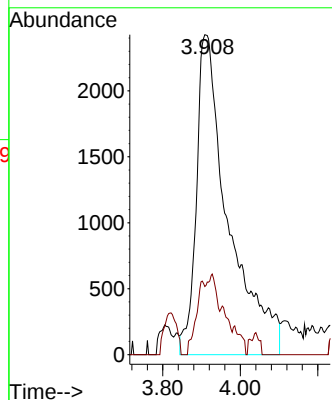
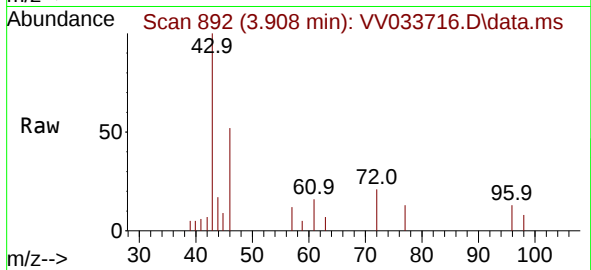
#21
2-Butanone
Concen: 8.446 ug/L m
RT: 3.908 min Scan# 890
Delta R.T. 0.006 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43

Instrument :
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Tgt Ion: 43 Resp: 13884
Ion Ratio Lower Upper
43 100
72 6.4 10.5 31.6

Manual Integrations
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#22
cis-1,2-Dichloroethene
Concen: 7.881 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43

Tgt Ion: 96 Resp: 71702
Ion Ratio Lower Upper
96 100
61 135.6 97.1 180.3
98 65.0 42.6 79.0

