

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080618\
 Data File : VR025557.D
 Acq On : 6 Aug 2018 16:29
 Operator : SY/MD
 Sample : J4358-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW3

Manual Integrations
 APPROVED

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 8/8/2018 1:10:39 PM

Quant Time: Aug 07 22:10:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 23:40:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	518212	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	441820	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	149603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	135511	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	2.63	69	118624	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	3.63	63	248004	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.60	46	168452	63.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.94%
24) Chloroform-d	7.21	84	293172	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	7.89	65	106692	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	7.86	84	640504	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	8.90	67	174611	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	9.97	98	577720	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	10.24	79	40685	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	10.59	63	166469	65.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.94%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84529	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.20%#
64) 1,2-Dichlorobenzene-d4	13.51	152	157482	6.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	137.80%#

Target Compounds

					Ovalue
5) Vinyl chloride	2.15	62	13628m	0.35	ug/L
18) trans-1,2-Dichloroethene	4.88	96	13816	0.39	ug/L
22) cis-1,2-Dichloroethene	6.68	96	874679	27.01	ug/L

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

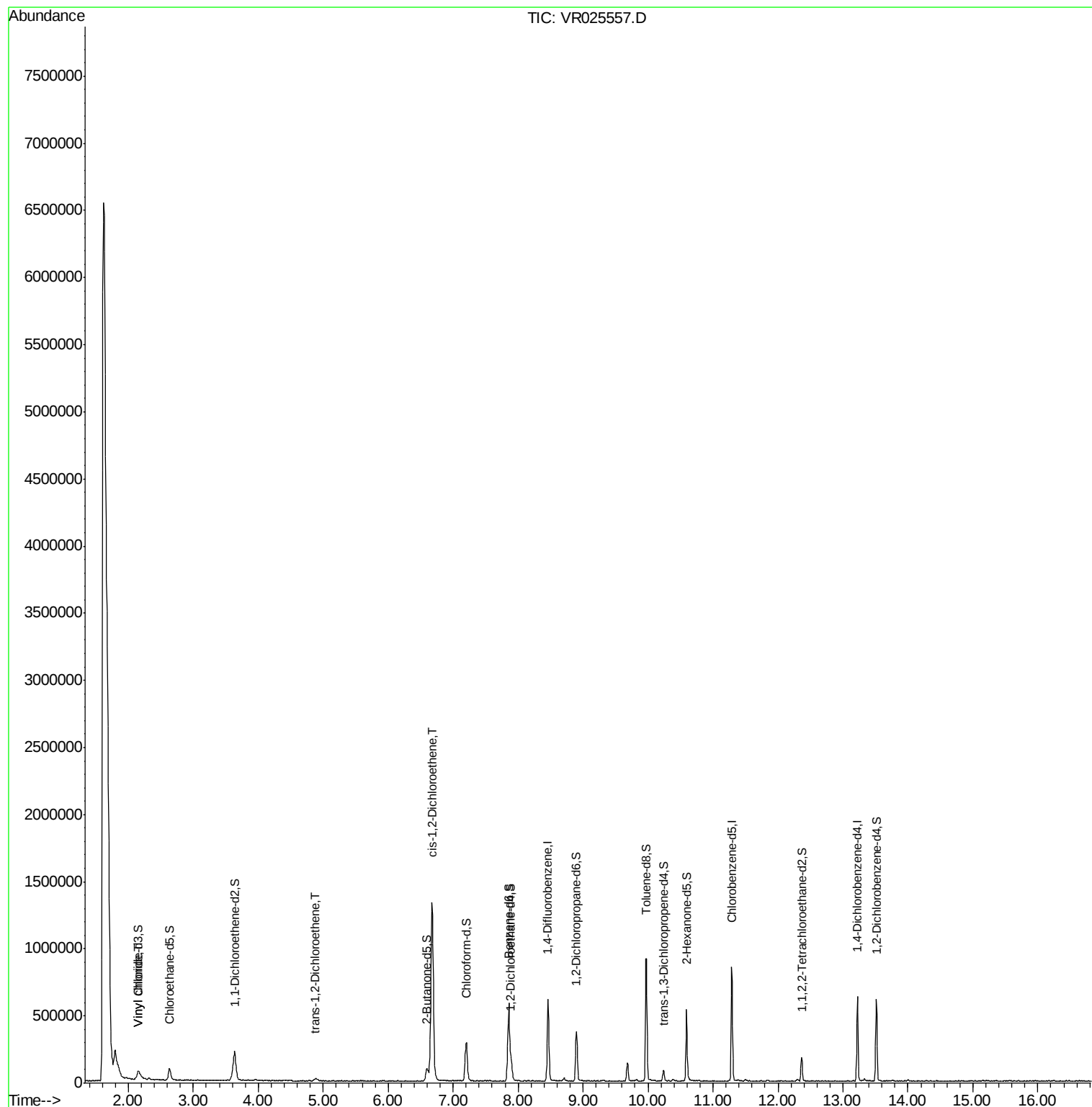
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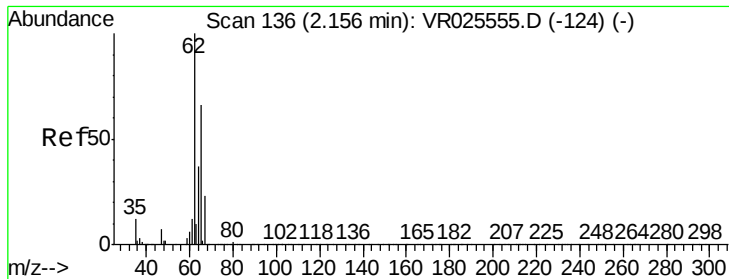
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.35 ug/L m

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025557.D

Acq: 6 Aug 2018 16:29

Instrument :

MSVOA_R

ClientSampleId :

ESWW3

Tot Ion: 62 Resp: 13628

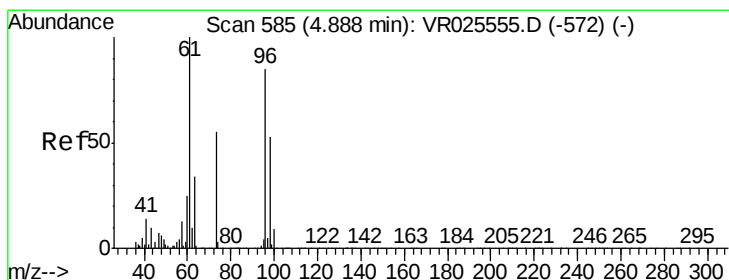
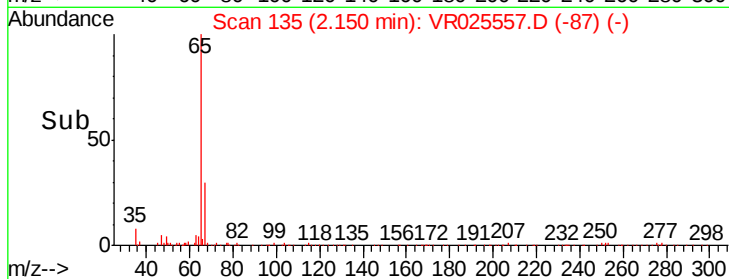
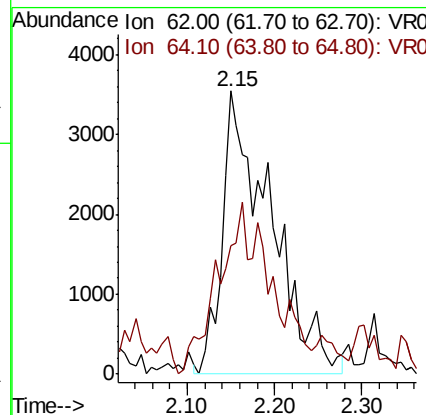
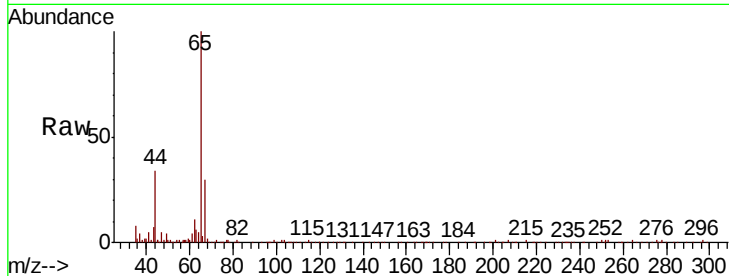
Ion Ratio Lower Upper

62 100

64 45.5 24.1 44.8#

Manual Integrations
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#18

trans-1,2-Dichloroethene

Concen: 0.39 ug/L

RT: 4.88 min Scan# 584

Delta R.T. -0.01 min

Lab File: VR025557.D

Acq: 6 Aug 2018 16:29

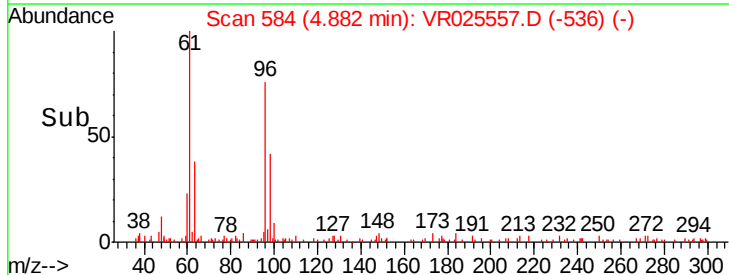
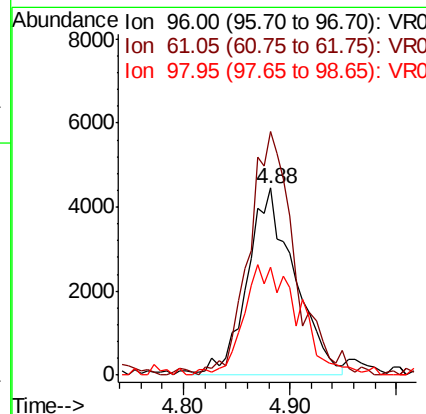
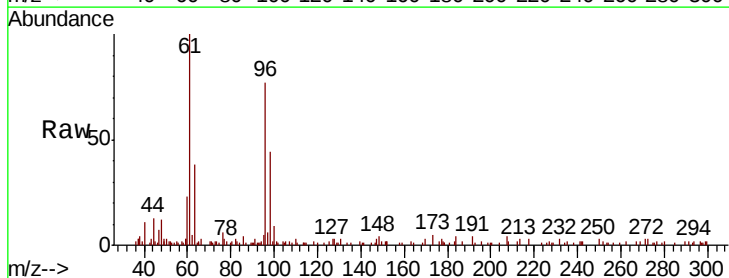
Tgt Ion: 96 Resp: 13816

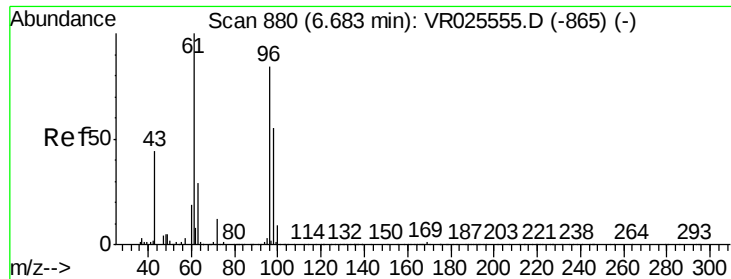
Ion Ratio Lower Upper

96 100

61 130.2 85.5 158.9

98 57.7 42.1 78.1





#22
 cis-1,2-Dichloroethene
 Concen: 27.01 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. -0.01 min
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Tot Ion	Ratio	Lower	Upper
96	100		
61	109.5	77.7	144.3
68	0.0	0.0	0.0

Manual Integrations
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