

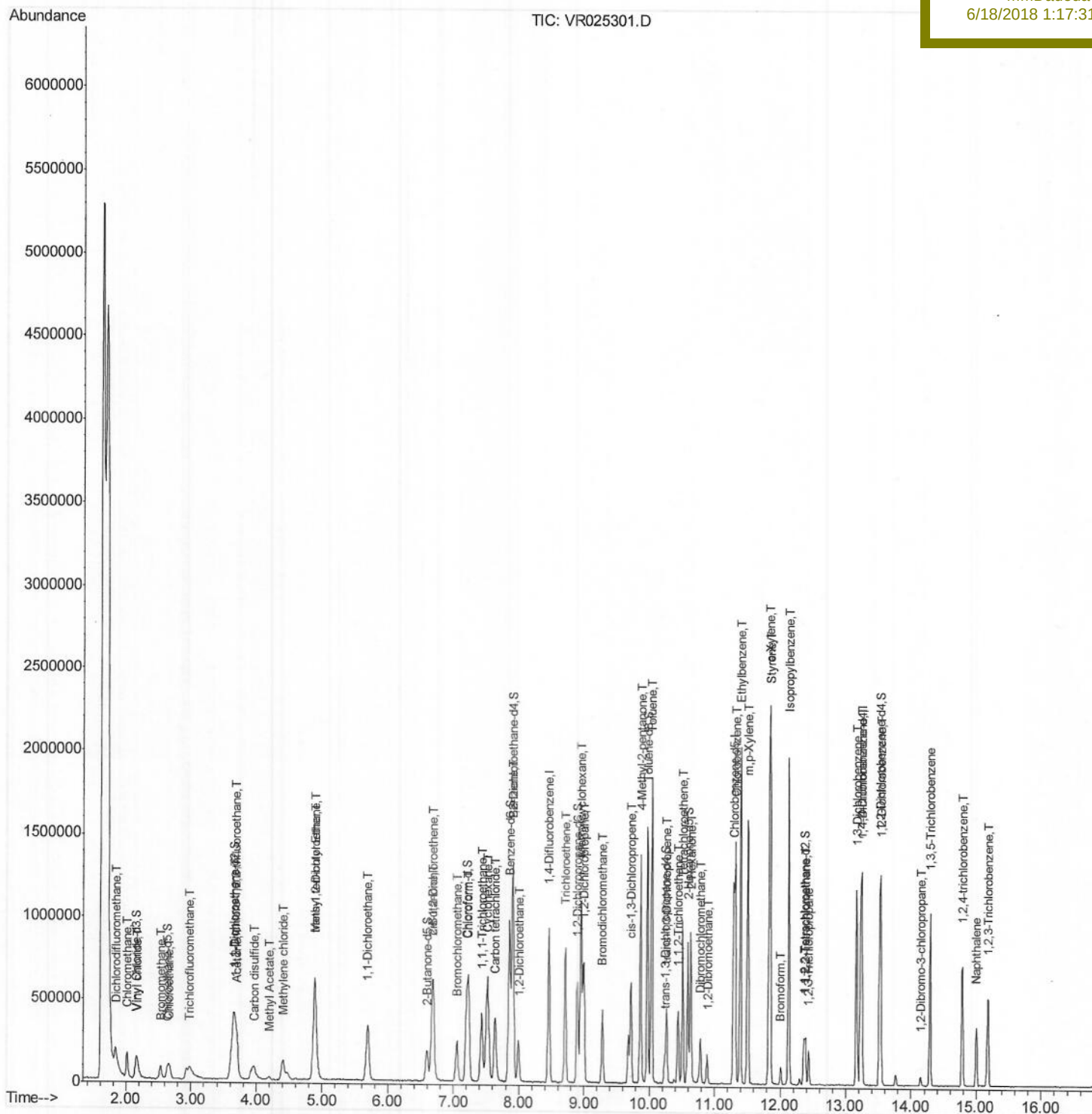
Data File : VR025301.D
Acq On : 15 Jun 2018 15:55
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 15 16:24:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 16:03:18 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
Client Sampled :
VICV83

Manual Integrations
APPROVED

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6/18/2018 1:17:31 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR061518\
Quantitation Report (Qedit)

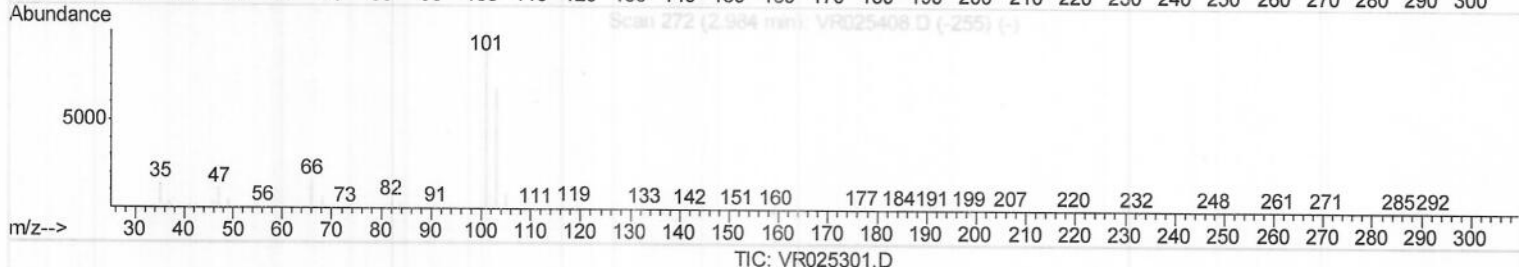
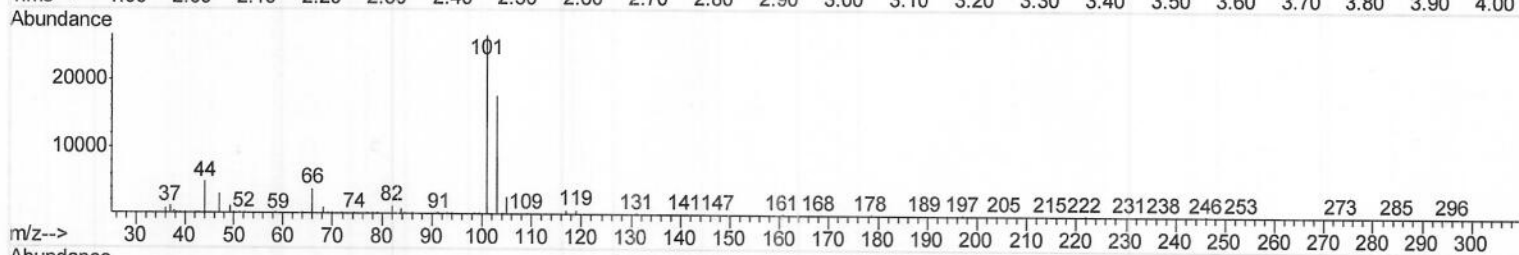
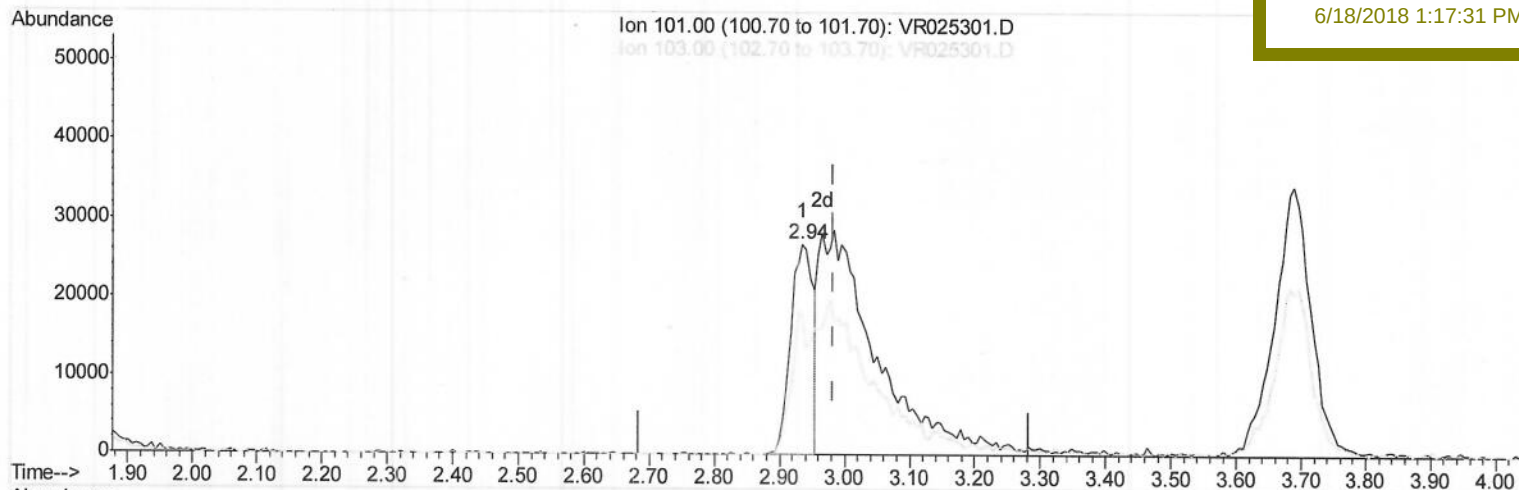
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Operator : SY/MD
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Quant Time: Jun 25 01:14:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 22:38:28 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
Client Sampled :
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(9) Trichlorofluoromethane (T)

2.935min (-0.048) 1.44ug/L

response 64045

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	46.73#
0.00	0.00	0.00
0.00	0.00	0.00

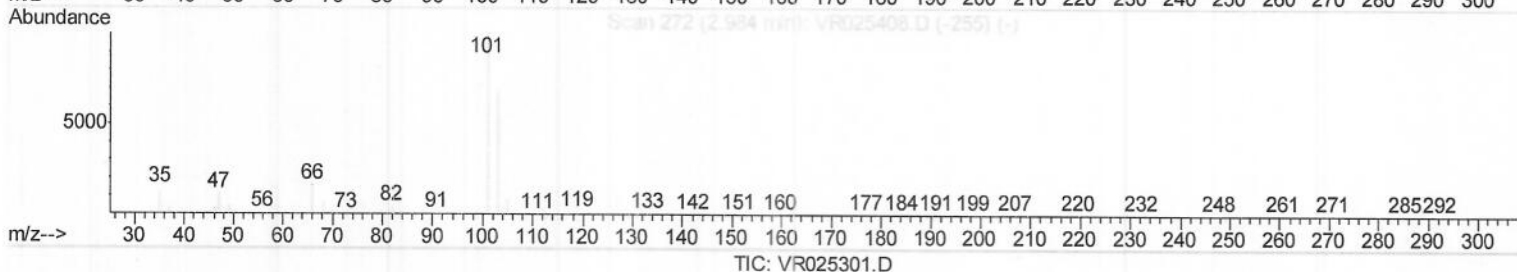
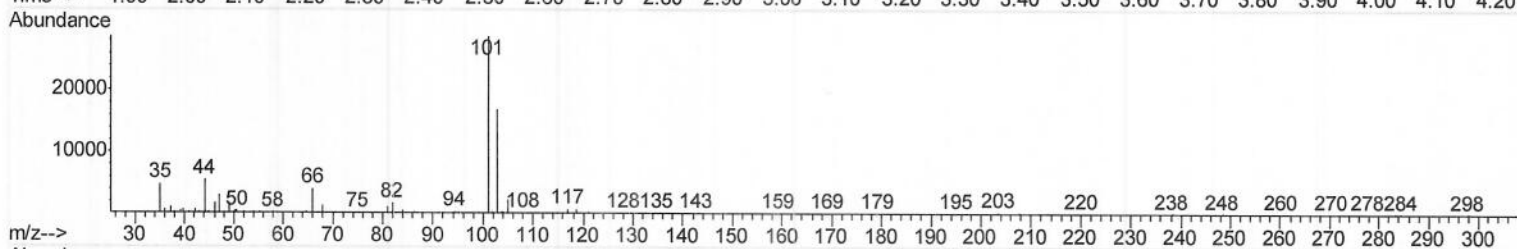
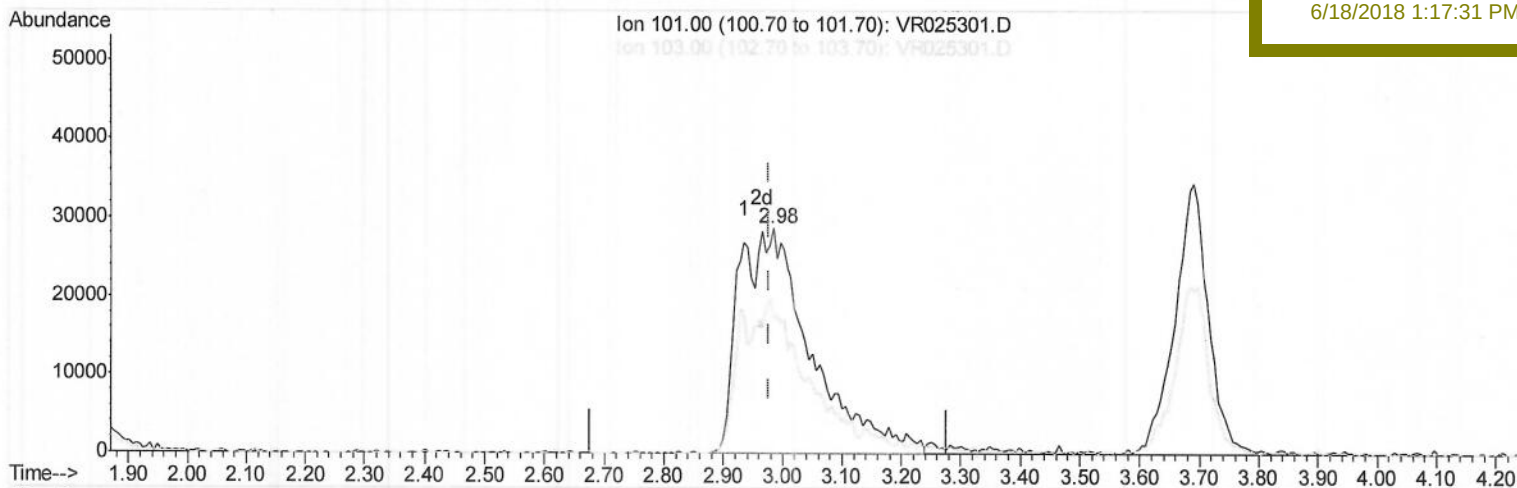
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(9) Trichlorofluoromethane (T)

2.984min (+0.006) 5.42ug/L m

response 240323

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	12.45
0.00	0.00	0.00
0.00	0.00	0.00

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06/22/2018

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR061518\

Quantitation Report (Qedit).

Data File : VR025301.D

Acq On : 15 Jun 2018 15:55

Operator : SY/MD

Sample : VSTDICV005

Misc : 25mL/MSVOA_R/WATER

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:14:46 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jun 22 22:38:28 2018

Response via : Initial Calibration

Instrument :

MSVOA_R

ClientSampled :

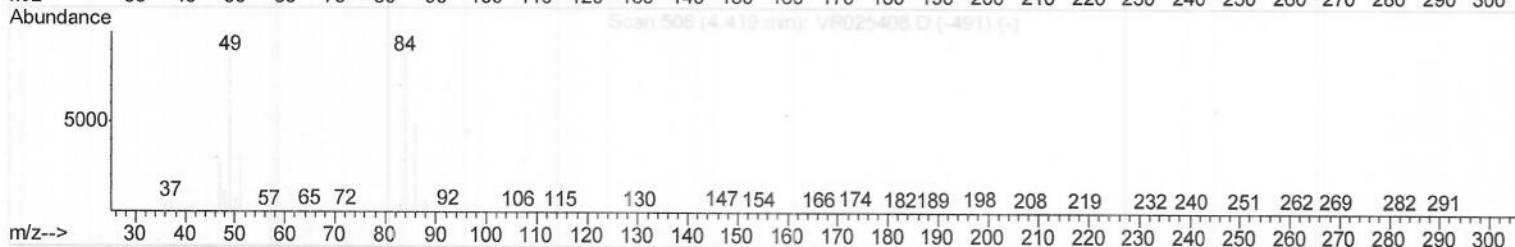
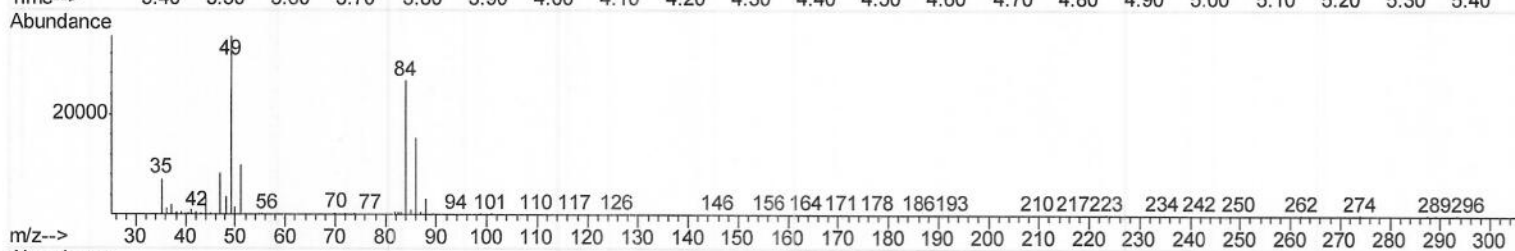
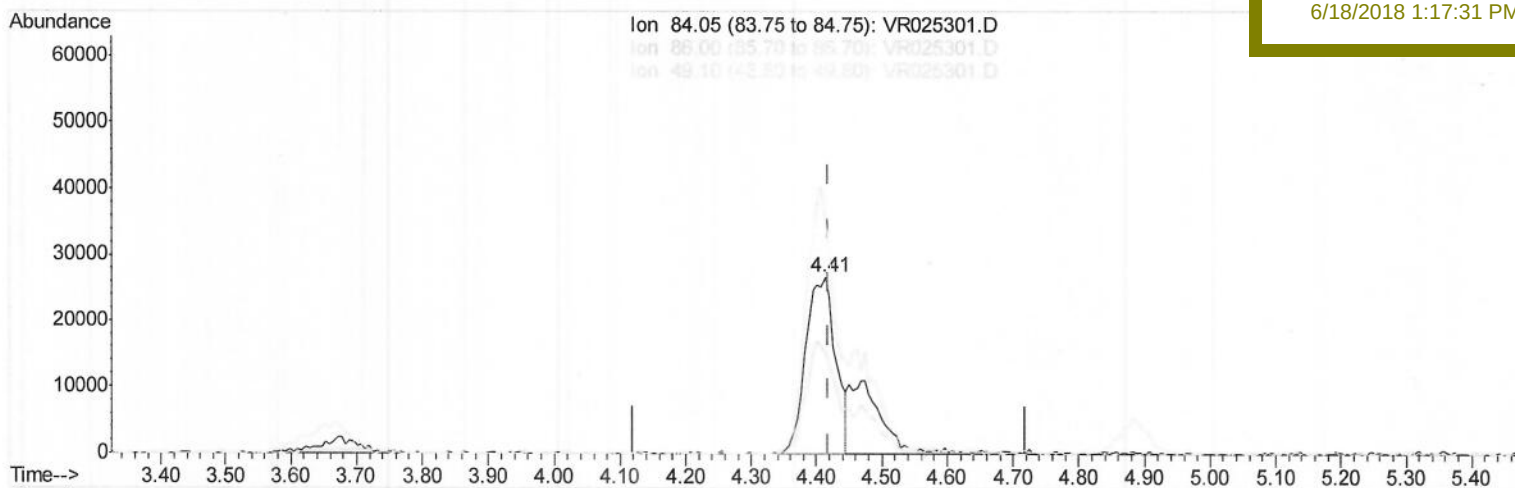
VICV83

Manual Integrations

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TIC: VR025301.D

(16) Methylene chloride (T)

4.413min (-0.006) 3.57ug/L

response 83758

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	57.26
49.10	124.60	132.91
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR061518\
Quantitation Report (Qedit)

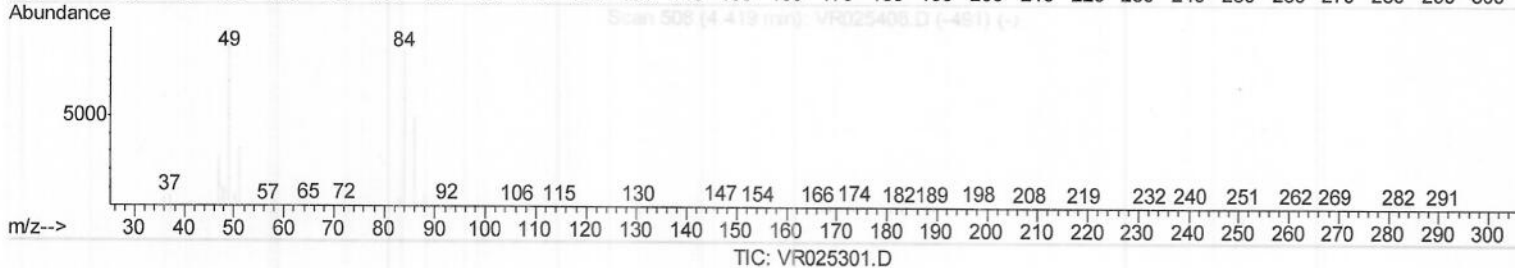
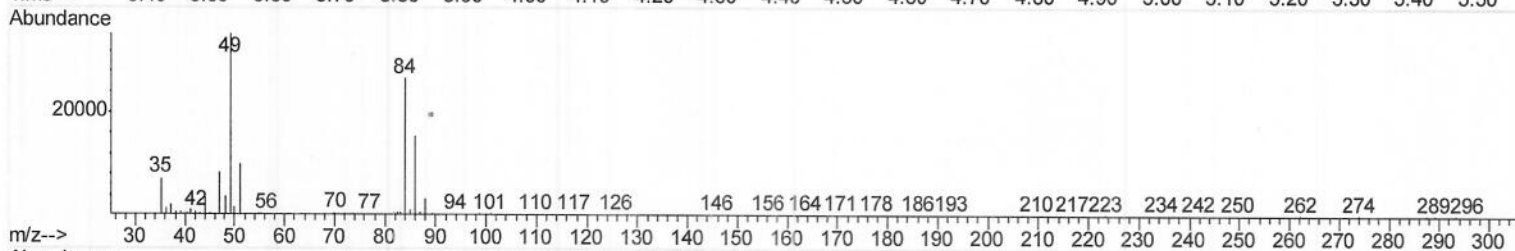
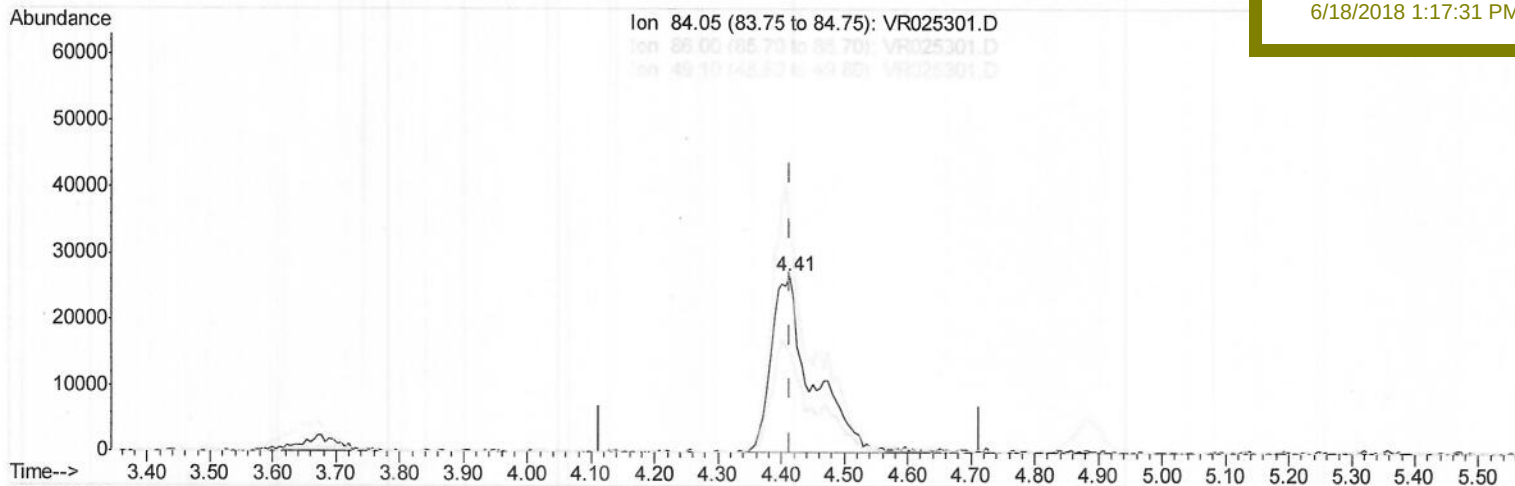
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Operator : SY/MD
Sample : VSTDICV005
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ALS Vial : 9 Sample Multiplier: 1

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QLast Update : Fri Jun 15 16:03:18 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VICV83

Manual Integrations
APPROVED

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6/18/2018 1:17:31 PM



(16) Methylene chloride (T)

4.413min (+0.000) 5.12ug/L m) MD
response 119929 06/22/2018

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	57.26
49.10	124.60	132.91
0.00	0.00	0.00

Data File : VR025301.D

Acq On : 15 Jun 2018 15:55

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Sample : VSTDICV005

Misc : 25mL/MSVOA_R/WATER

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 15 16:24:03 2018

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Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jun 15 16:03:18 2018

Response via : Initial Calibration

Instrument :

MSVOA_R

Client Sampled :

VICV83

Manual Integrations

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MMDadoda

6/18/2018 1:17:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	732919	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	582371	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	218707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	129783	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	2.64	69	92089	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	3.65	63	332876	5.18	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.60%
20) 2-Butanone-d5	6.59	46	345606	51.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.30%
24) Chloroform-d	7.20	84	483079	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	7.89	65	185938	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	7.85	84	1037279	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	8.90	67	293334	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	9.97	98	934225	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	10.24	79	79108	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	10.59	63	279262	53.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.78%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	113497	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	197295	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	261304	5.516 ug/L	99
3) Chloromethane	2.01	50	183139	5.341 ug/L	98
5) Vinyl chloride	2.16	62	156067	5.143 ug/L	99
6) Bromomethane	2.53	94	68547	4.634 ug/L	98
8) Chloroethane	2.67	64	78099	4.929 ug/L	92
9) Trichlorofluoromethane	2.98	101	240323m)	5.421 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	134720	5.181 ug/L	99
12) 1,1-Dichloroethene	3.66	96	138669	5.382 ug/L	88
13) Acetone	3.70	43	152562	50.482 ug/L	99
14) Carbon disulfide	3.96	76	303764	5.604 ug/L	99
15) Methyl Acetate	4.19	43	37561	4.943 ug/L	97
16) Methylene chloride	4.41	84	119929m)	5.117 ug/L	
17) Methyl tert-butyl Ether	4.89	73	397784	5.180 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	278383	5.256 ug/L	98
19) 1,1-Dichloroethane	5.69	63	515795	5.184 ug/L	97
21) 2-Butanone	6.69	43	369439	51.720 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	291845	5.281 ug/L #	97

MD
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Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jun 15 16:03:18 2018

Response via : Initial Calibration

Instrument :

MSVOA_R

Client Sampled :

VICV83

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	81937	5.062	ug/L	88
25) Chloroform	7.23	83	472226	5.192	ug/L	100
27) 1,2-Dichloroethane	8.00	62	212289	5.114	ug/L #	93
29) 1,1,1-Trichloroethane	7.43	97	349179	5.048	ug/L	100
30) Cyclohexane	7.52	56	467605	5.295	ug/L	100
31) Carbon tetrachloride	7.64	117	319301	5.257	ug/L	100
33) Benzene	7.91	78	1176669	5.146	ug/L	100
34) Trichloroethene	8.71	95	290434	5.250	ug/L	97
35) Methylcyclohexane	8.96	83	468272	5.364	ug/L	99
37) 1,2-Dichloropropane	8.99	63	264311	5.200	ug/L	100
38) Bromodichloromethane	9.28	83	259487	5.264	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	321375	5.368	ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	868996	52.831	ug/L	98
42) Toluene	10.03	91	1242716	5.072	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	219019	5.319	ug/L	94
45) 1,1,2-Trichloroethane	10.44	97	118681	5.030	ug/L	95
47) Tetrachloroethene	10.51	164	190012	5.145	ug/L	96
48) 2-Hexanone	10.63	43	563017	53.696	ug/L	98
49) Dibromochloromethane	10.78	129	120716	5.314	ug/L	96
50) 1,2-Dibromoethane	10.89	107	103300	5.461	ug/L #	99
51) Chlorobenzene	11.31	112	653586	4.981	ug/L	99
52) Ethylbenzene	11.39	91	1291663	5.313	ug/L	98
53) m,p-Xylene	11.50	106	483607	5.211	ug/L	93
54) o-Xylene	11.83	106	437991	5.281	ug/L	100
55) Styrene	11.85	104	682900	5.357	ug/L	93
56) Isopropylbenzene	12.13	105	1197668	5.371	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	118264	5.412	ug/L	98
59) 1,2,3-Trichloropropane	12.43	75	82059	5.203	ug/L	98
61) Bromoform	12.01	173	43161	5.533	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	404289	5.267	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	393675	5.130	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	327573	5.326	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.15	75	11699	4.813	ug/L #	76
67) 1,3,5-Trichlorobenzene	14.29	180	269546	5.303	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	185676	5.247	ug/L	99
69) Naphthalene	15.00	128	252270	5.477	ug/L	100
70) 1,2,3-Trichlorobenzene	15.18	180	146034	5.332	ug/L	99

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