

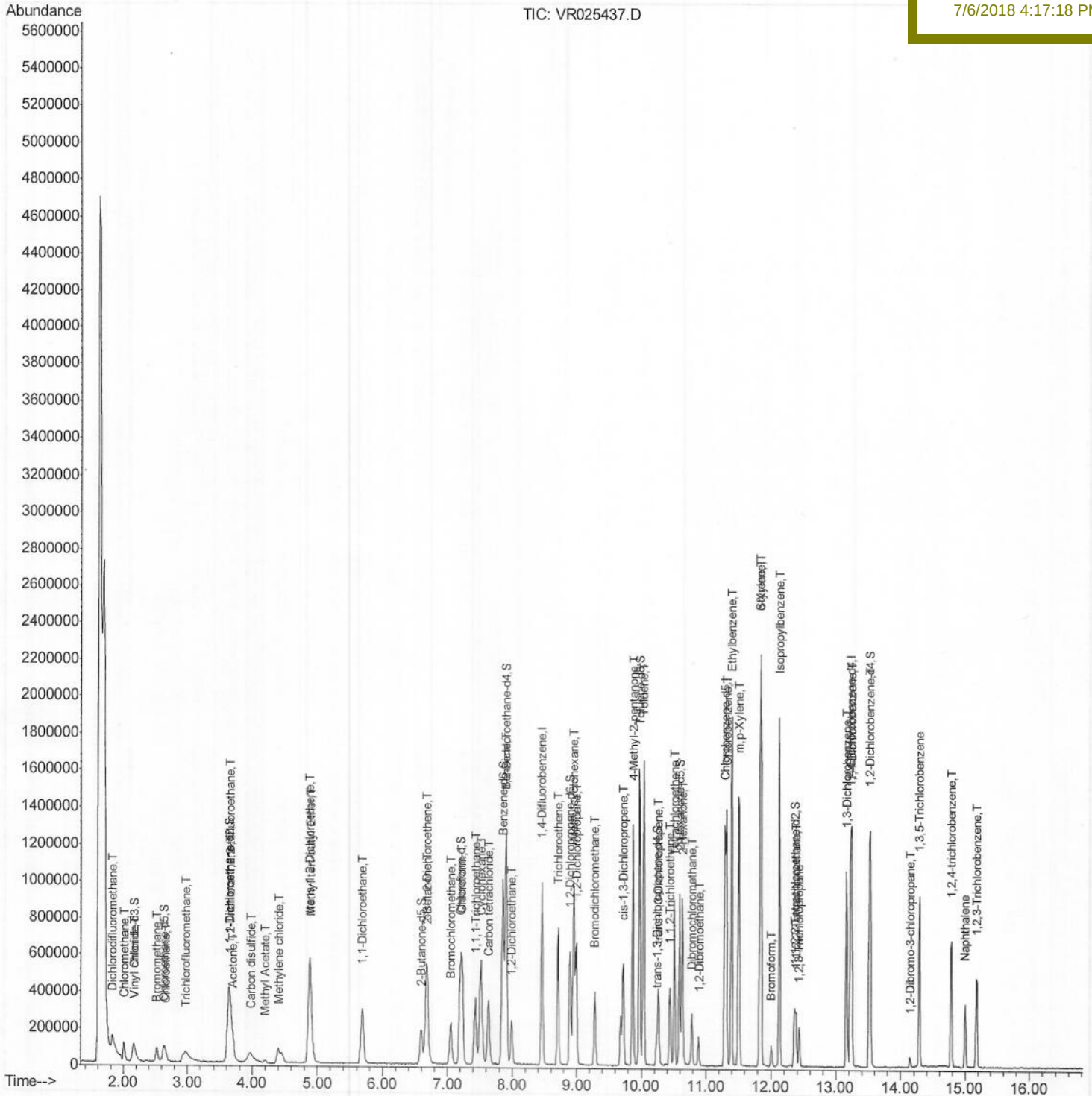
Data File : VR025437.D
Acq On : 5 Jul 2018 13:27
Operator : SY/MD
Sample : VSTD00583
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 05 14:53:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 05 12:32:40 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
Client Sampled :
VSTD00583

Manual Integrations
APPROVED

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7/6/2018 4:17:18 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR070518\
Quantitation Report (Qedit)

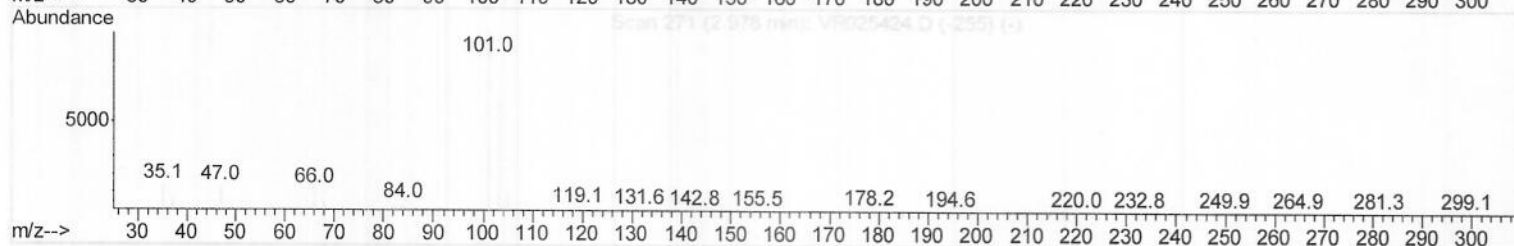
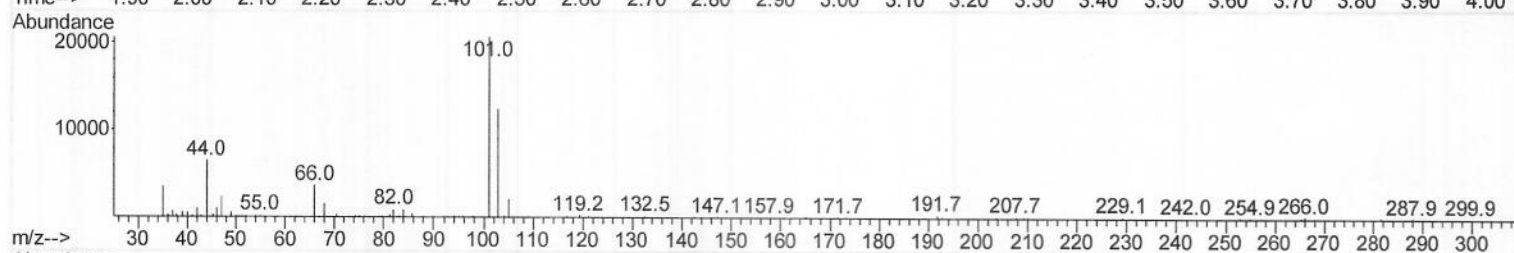
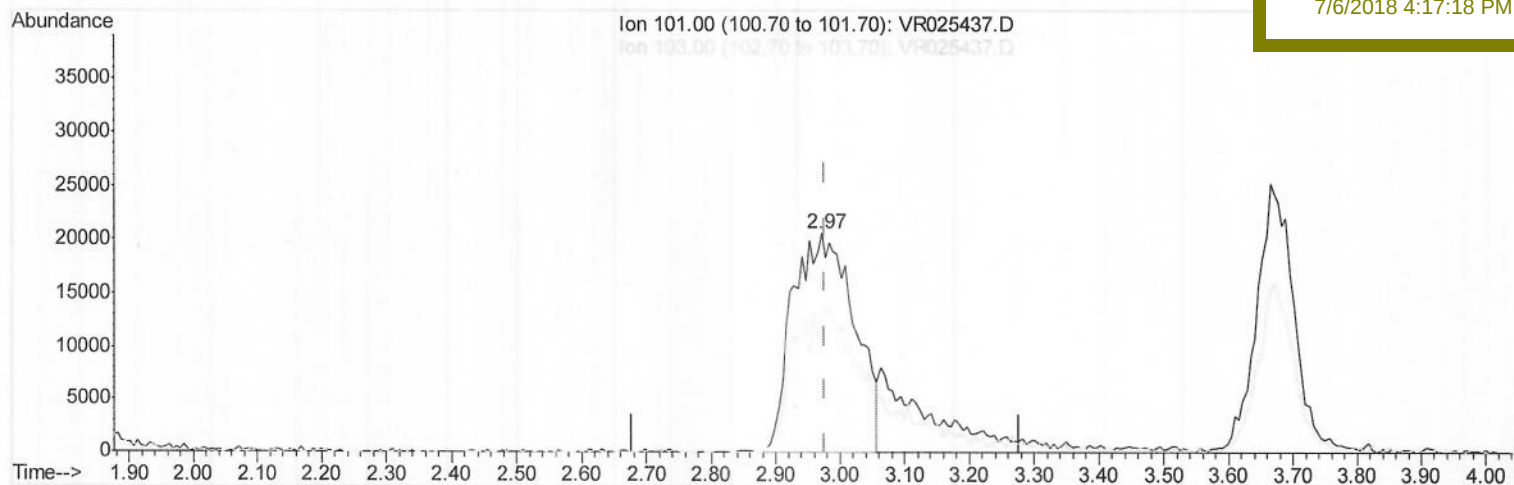
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TIC: VR025437.D

(9) Trichlorofluoromethane (T)

2.972min (-0.006) 3.05ug/L

response 137371

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	21.31#
0.00	0.00	0.00
0.00	0.00	0.00

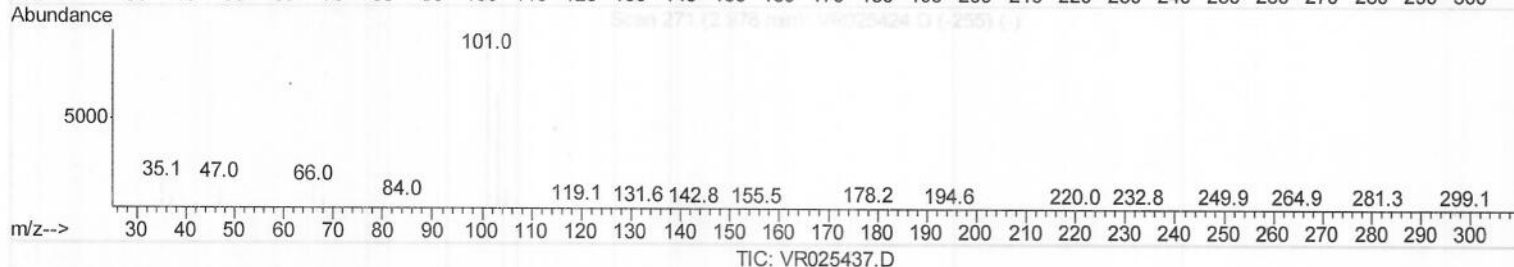
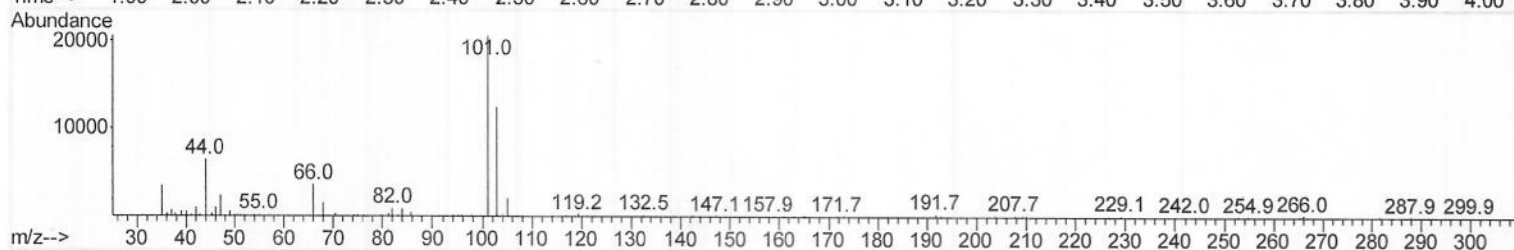
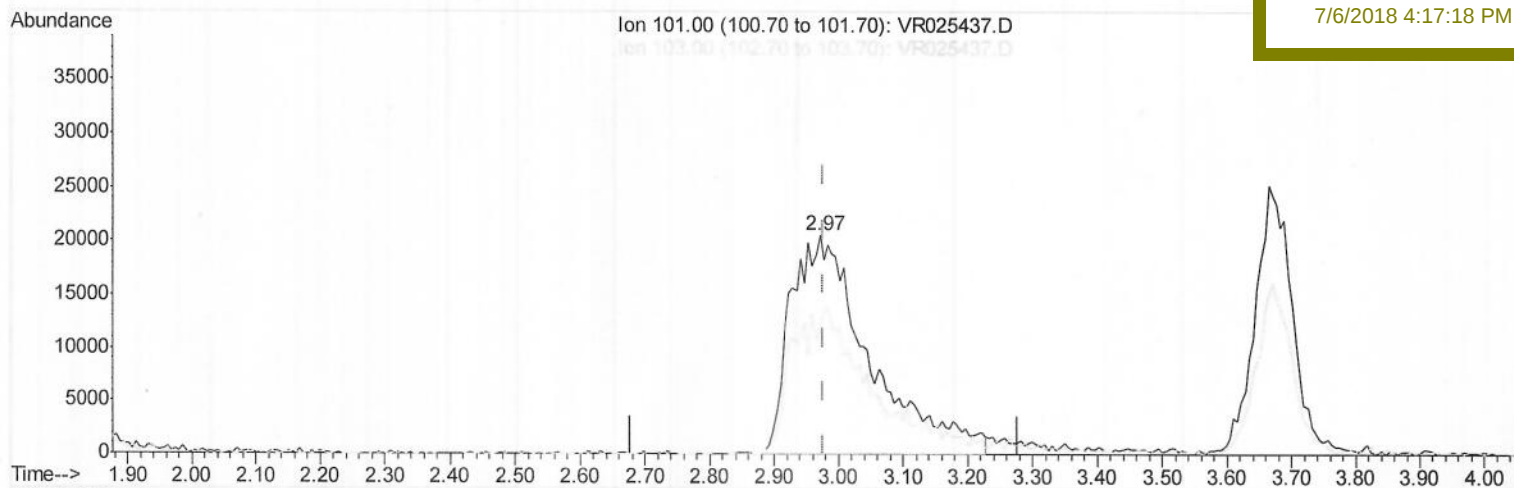
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(9) Trichlorofluoromethane (T)

2.972min (-0.006) 3.88ug/L m) MD
response 174647 07/07/18

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	16.76#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

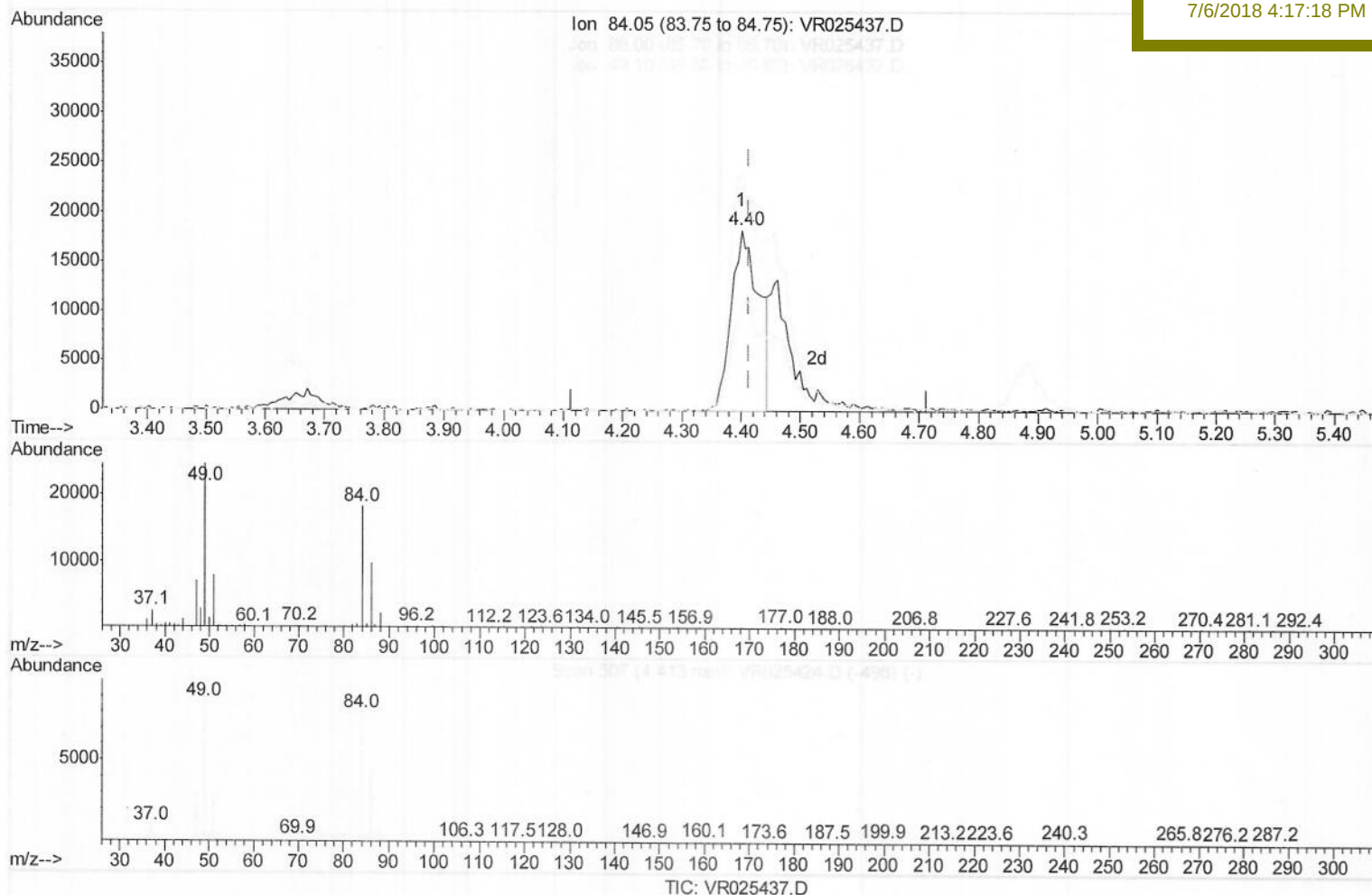
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Instrument :
MSVOA_R
ClientSampleId :
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Manual Integrations
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(16) Methylene chloride (T)

4.401min (-0.012) 2.54ug/L

response 60567

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	53.35
49.10	124.60	133.89
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR070518\
Quantitation Report (Qedit)

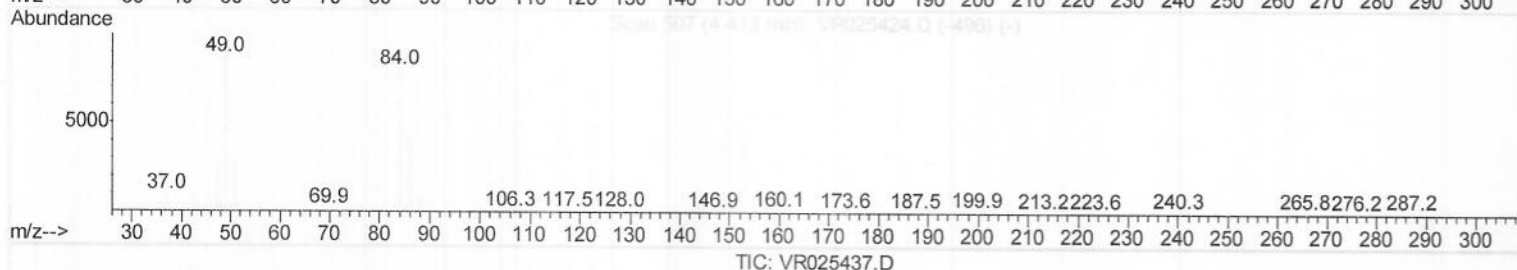
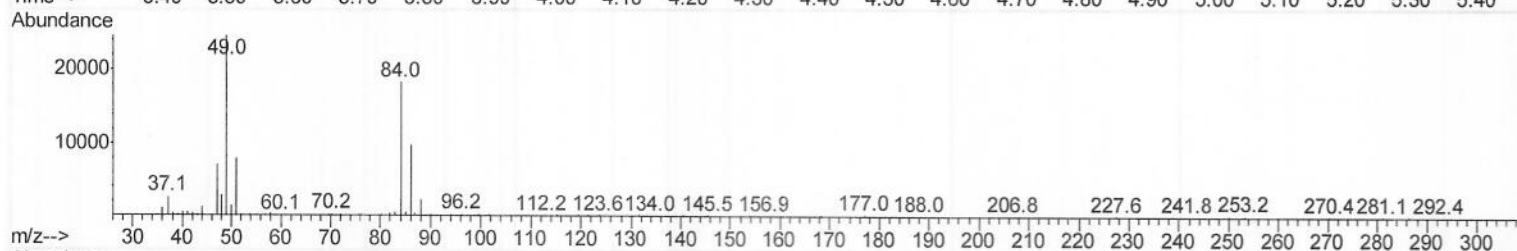
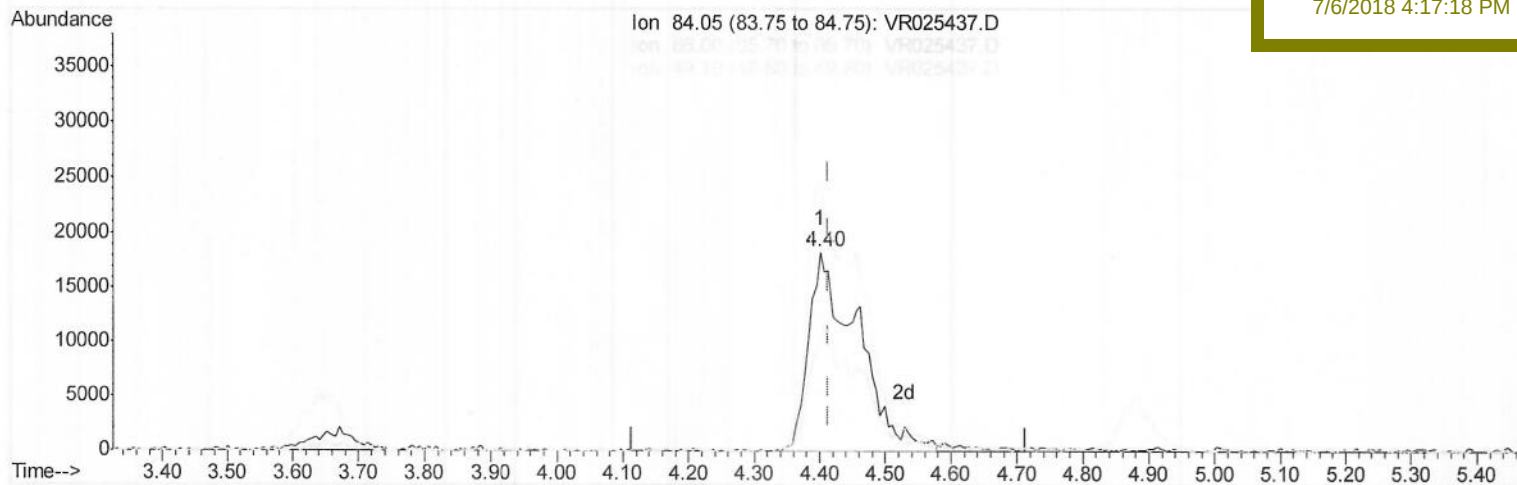
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ClientSampleId :
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Manual Integrations
APPROVED

MMDadoda
7/6/2018 4:17:18 PM



(16) Methylene chloride (T)

4.401min (-0.012) 3.98ug/L m) MD
response 94841 07/07/18

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	53.35
49.10	124.60	133.89
0.00	0.00	0.00

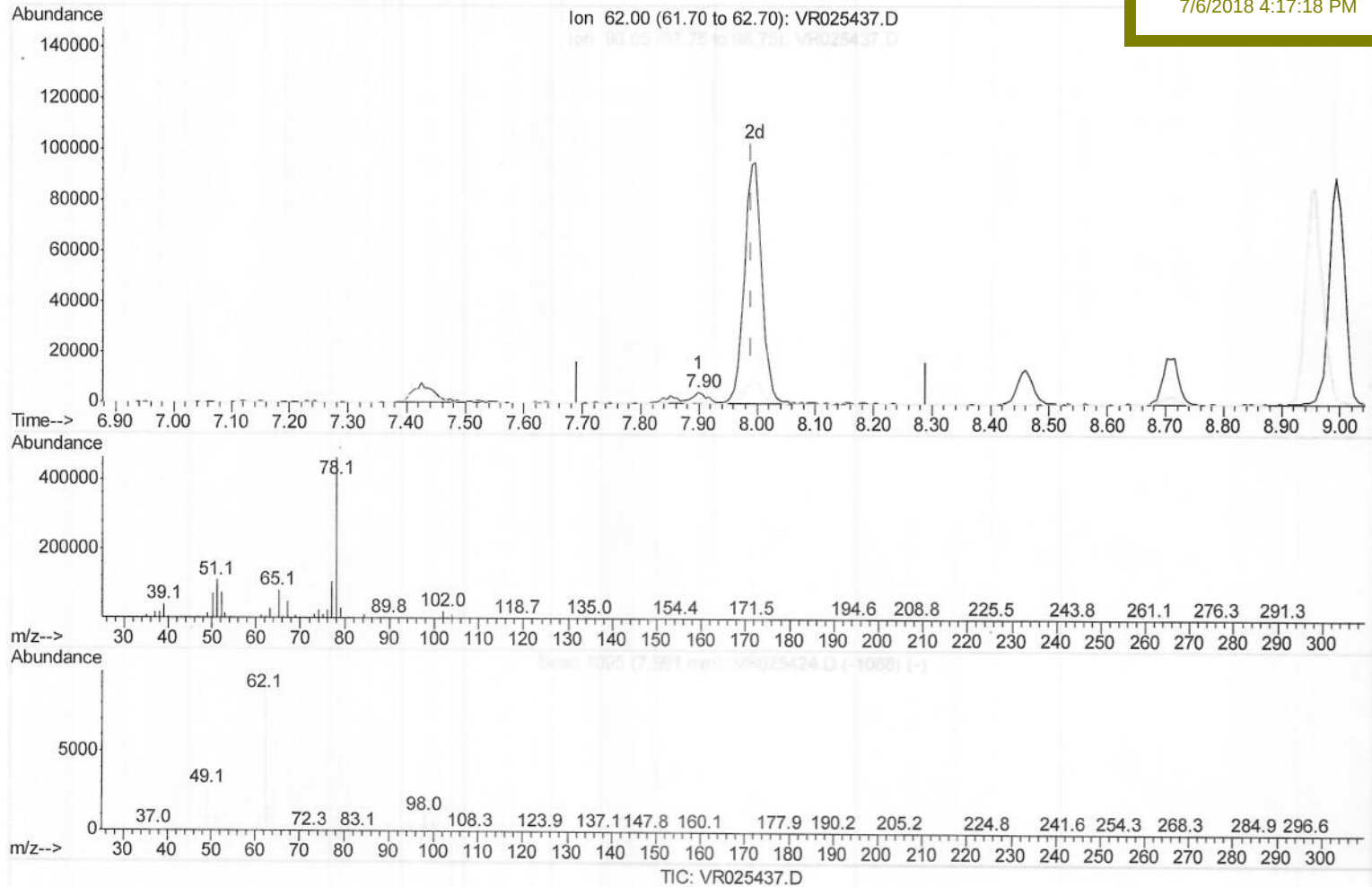
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Operator : SY/MD
Sample : VSTD00583
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

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Instrument :
MSVOA_R
Client Sampled :
VSTD00583

Manual Integrations
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(27) 1,2-Dichloroethane (T)

7.899min (-0.091) 0.19ug/L

response 7861

Ion	Exp%	Act%
62.00	100	100
98.05	6.80	5.68
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR070518\
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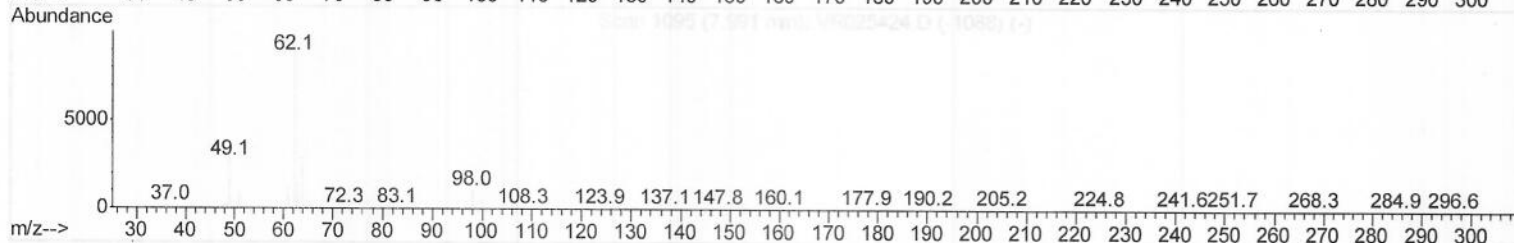
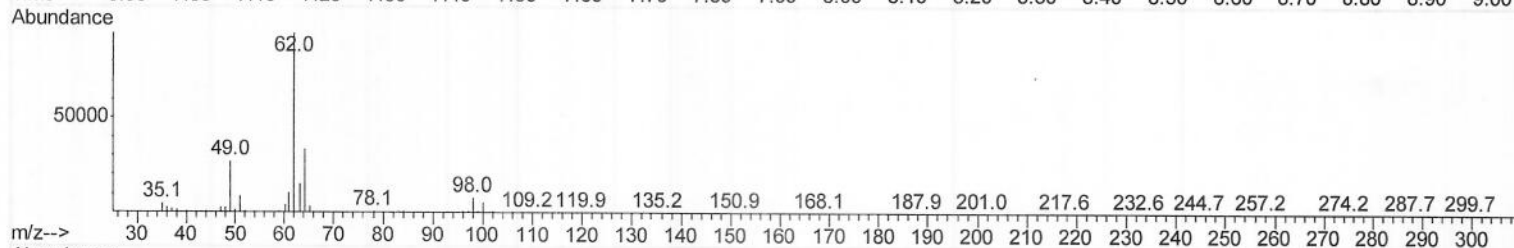
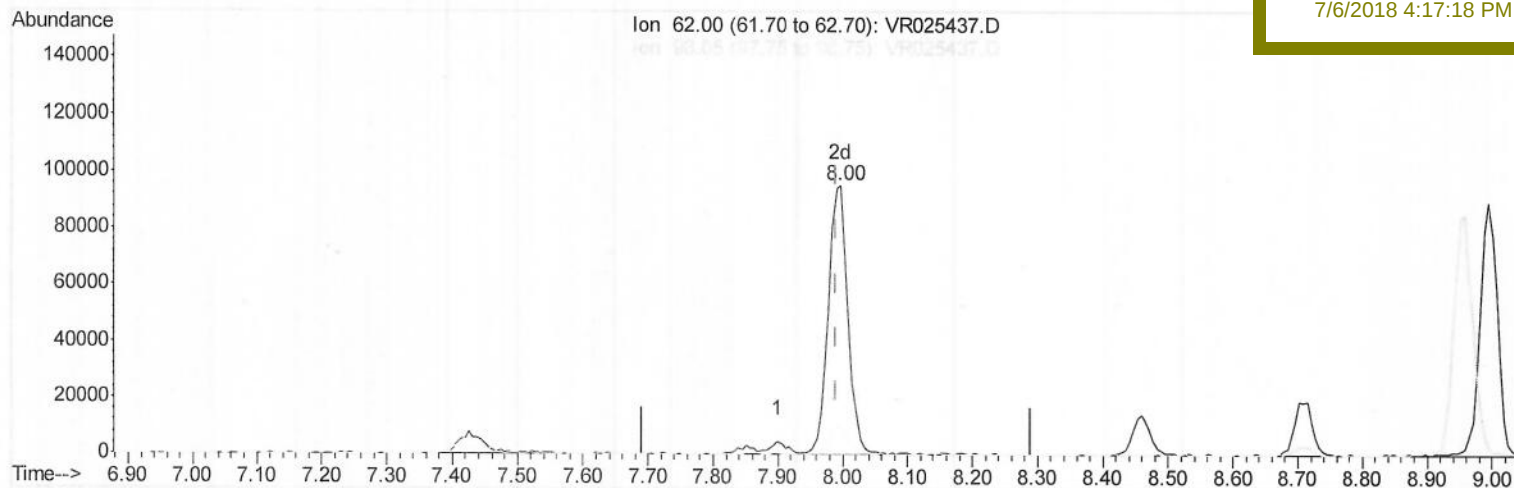
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Instrument :
MSVOA_R
ClientSampleId :
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Manual Integrations
APPROVED

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7/6/2018 4:17:18 PM



TIC: VR025437.D

(27) 1,2-Dichloroethane (T)

7.997min (+0.006) 4.72ug/L m

response 199308

Ion	Exp%	Act%
62.00	100	100
98.05	6.80	8.53#
0.00	0.00	0.00
0.00	0.00	0.00

MD
07/07/18

Data File : VR025437.D

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Operator : SY/MD

Sample : VSTD00583

Misc : 25mL/MSVOA_R/WATER

ALS Vial : 5 Sample Multiplier: 1

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Instrument :

MSVOA_R

Client Sampled :

VSTD00583

Manual Integrations

APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	744902	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	609282	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	247962	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	100204	3.95	ug/L	0.00
7) Chloroethane-d5	2.63	69	88243	4.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	297023	4.55	ug/L	-0.01
20) 2-Butanone-d5	6.59	46	328593	48.32	ug/L	0.00
24) Chloroform-d	7.20	84	501681	5.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	192168	5.30	ug/L	0.00
32) Benzene-d6	7.85	84	1085620	5.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	301283	5.13	ug/L	0.00
41) Toluene-d8	9.97	98	978656	5.36	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	81073	5.19	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	293612	54.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	137012	6.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	211115	5.02	ug/L	0.00

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	193757	4.024	ug/L	98
3) Chloromethane	2.01	50	116113	3.332	ug/L	98
5) Vinyl chloride	2.16	62	106734	3.460	ug/L	93
6) Bromomethane	2.52	94	63620	4.231	ug/L	97
8) Chloroethane	2.66	64	67149	4.170	ug/L	95
9) Trichlorofluoromethane	2.97	101	174647m	3.876	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	102005	3.860	ug/L	97
12) 1,1-Dichloroethene	3.65	96	106374	4.062	ug/L	96
13) Acetone	3.71	43	129471	42.152	ug/L	98
14) Carbon disulfide	3.98	76	246449	4.474	ug/L	99
15) Methyl Acetate	4.20	43	29164	3.776	ug/L	97
16) Methylene chloride	4.40	84	94841m	3.981	ug/L	
17) Methyl tert-butyl Ether	4.89	73	359005	4.599	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	275121	5.111	ug/L	93
19) 1,1-Dichloroethane	5.69	63	457566	4.525	ug/L	98
21) 2-Butanone	6.69	43	339756	46.799	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	267253	4.758	ug/L #	97
23) Bromochloromethane	7.05	128	79212	4.815	ug/L	93
25) Chloroform	7.23	83	441879	4.780	ug/L	99
27) 1,2-Dichloroethane	8.00	62	199308m	4.724	ug/L	
29) 1,1,1-Trichloroethane	7.43	97	301778	4.170	ug/L	97
30) Cyclohexane	7.52	56	366118	3.963	ug/L	96
31) Carbon tetrachloride	7.63	117	260136	4.094	ug/L	97
33) Benzene	7.91	78	1099627	4.597	ug/L	100
34) Trichloroethene	8.71	95	262127	4.529	ug/L	97
35) Methylcyclohexane	8.95	83	393281	4.306	ug/L	97
37) 1,2-Dichloropropane	8.99	63	249449	4.691	ug/L	100
38) Bromodichloromethane	9.28	83	251627	4.879	ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	299320	4.779	ug/L	100
40) 4-Methyl-2-pentanone	9.86	43	795306	46.216	ug/L	97

MD
07/07/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	1090704	4.255	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	213364	4.953	ug/L	96
45) 1,1,2-Trichloroethane	10.44	97	119524	4.842	ug/L	97
47) Tetrachloroethene	10.52	164	175363	4.539	ug/L	97
48) 2-Hexanone	10.63	43	528382	48.167	ug/L	97
49) Dibromochloromethane	10.78	129	123090	5.179	ug/L	98
50) 1,2-Dibromoethane	10.89	107	95134	4.807	ug/L #	96
51) Chlorobenzene	11.31	112	625928	4.559	ug/L	97
52) Ethylbenzene	11.39	91	1187149	4.668	ug/L	98
53) m,p-Xylene	11.50	106	450325	4.638	ug/L	91
54) o-Xylene	11.83	106	399360	4.602	ug/L	95
55) Styrene	11.84	104	658113	4.935	ug/L	95
56) Isopropylbenzene	12.13	105	1074678	4.606	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	116275	5.086	ug/L	91
59) 1,2,3-Trichloropropane	12.44	75	83955	5.088	ug/L	97
61) Bromoform	12.01	173	46510	5.259	ug/L #	95
62) 1,3-Dichlorobenzene	13.16	146	368023	4.229	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	389547	4.477	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	316289	4.535	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	11720	4.253	ug/L #	72
67) 1,3,5-Trichlorobenzene	14.29	180	238714	4.142	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	170400	4.247	ug/L	98
69) Naphthalene	15.00	128	229919	4.403	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	131396	4.232	ug/L	99

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