

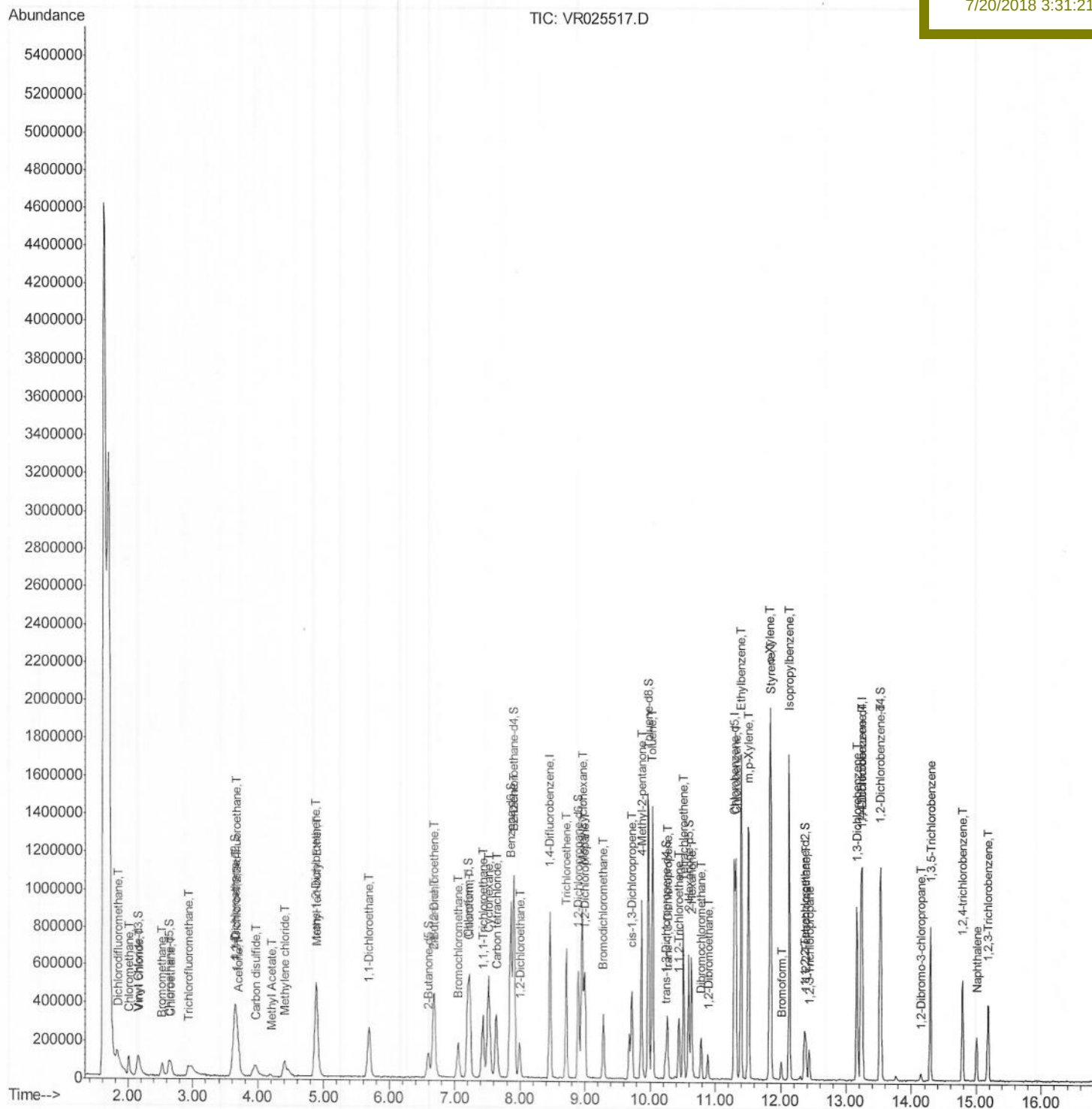
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071918\
Data File : VR025517.D
Acq On : 19 Jul 2018 10:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 01:19:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 05:17:34 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
LabSampleId :
VSTD00598

Manual Integrations
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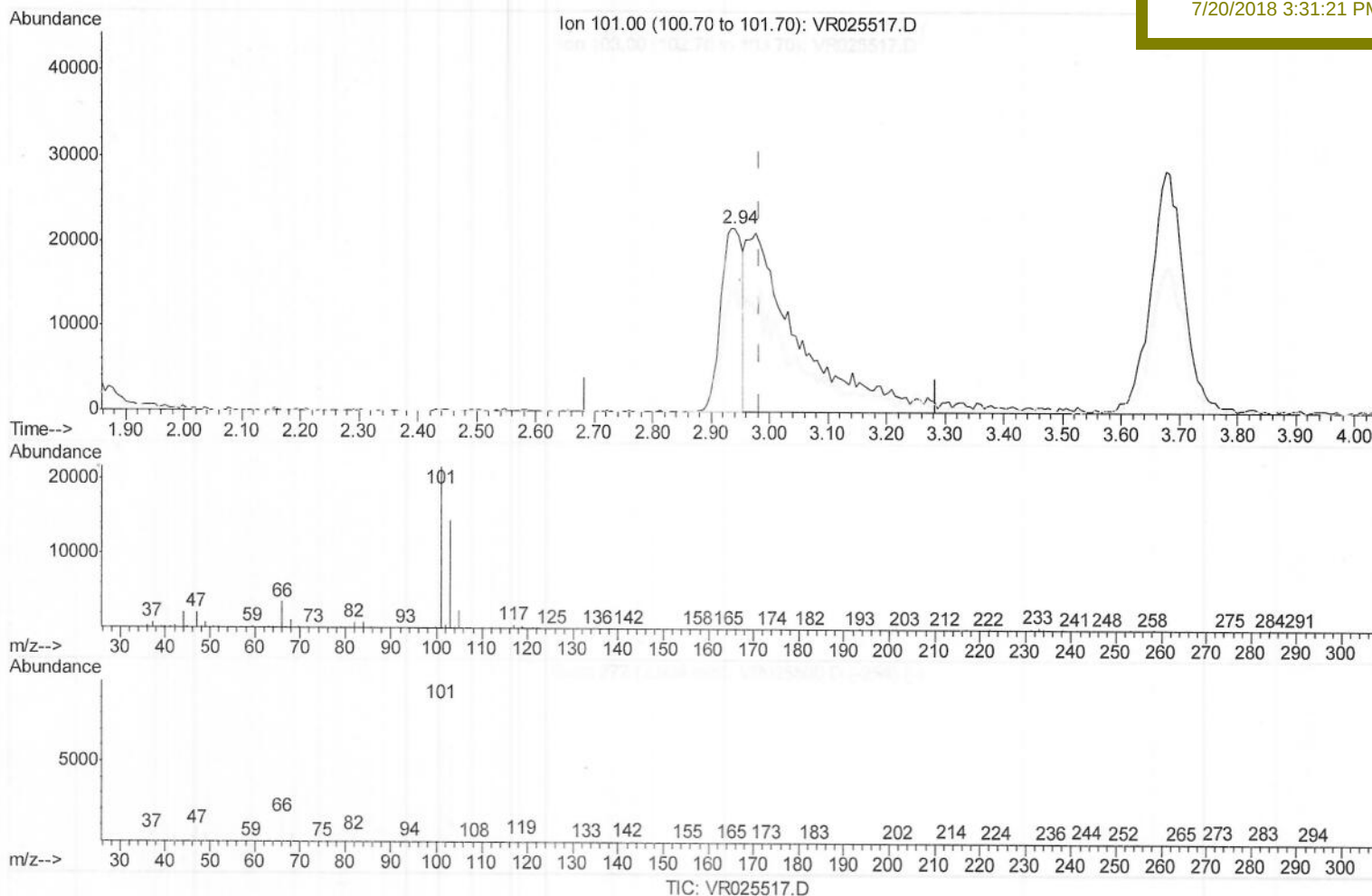
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Acq On : 19 Jul 2018 10:22
Operator : SY/MD
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Quant Time: Jul 20 01:06:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
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(9) Trichlorofluoromethane (T)

2.941min (-0.043) 1.66ug/L

response 54429

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	62.23#
0.00	0.00	0.00
0.00	0.00	0.00

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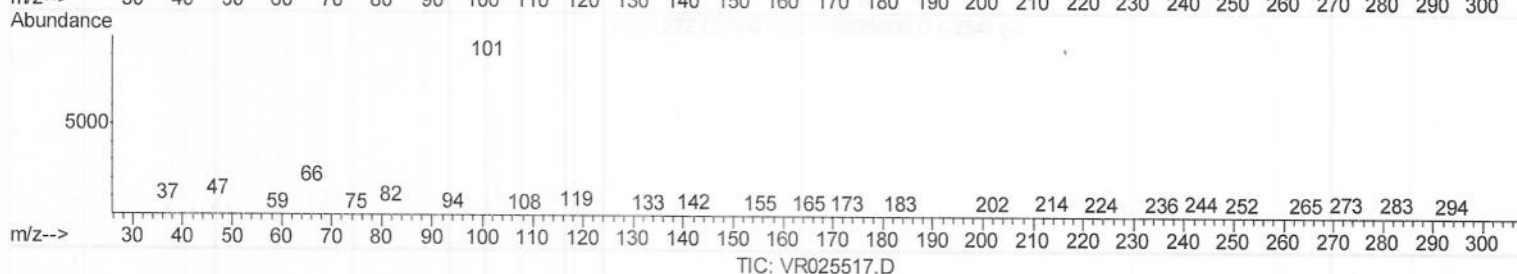
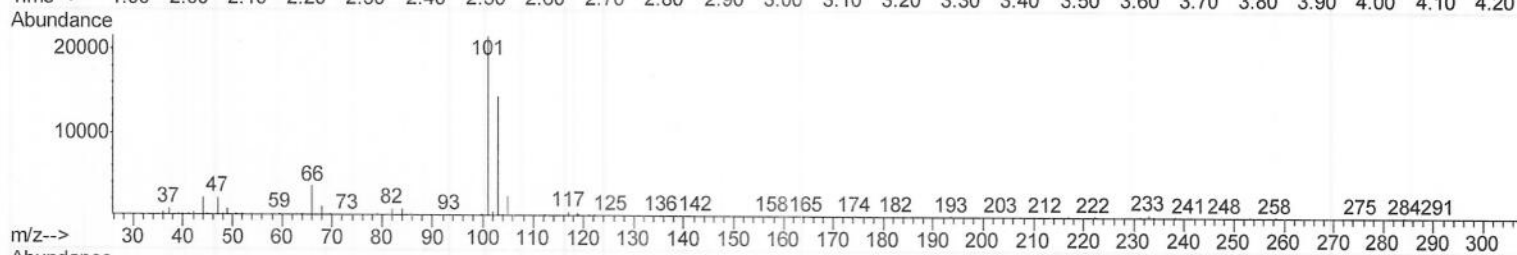
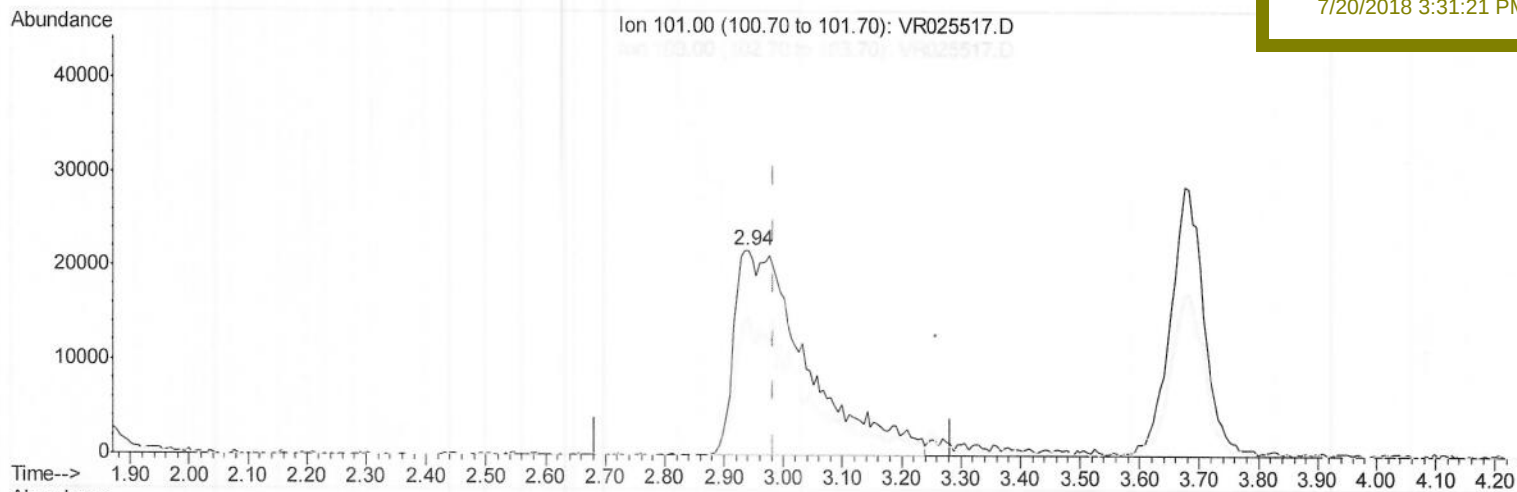
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Manual Integrations
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(9) Trichlorofluoromethane (T)

2.941min (-0.043) 5.63ug/L m

response 184349

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Ion	Exp%	Act%
101.00	100	100
103.00	13.70	18.37#
0.00	0.00	0.00
0.00	0.00	0.00

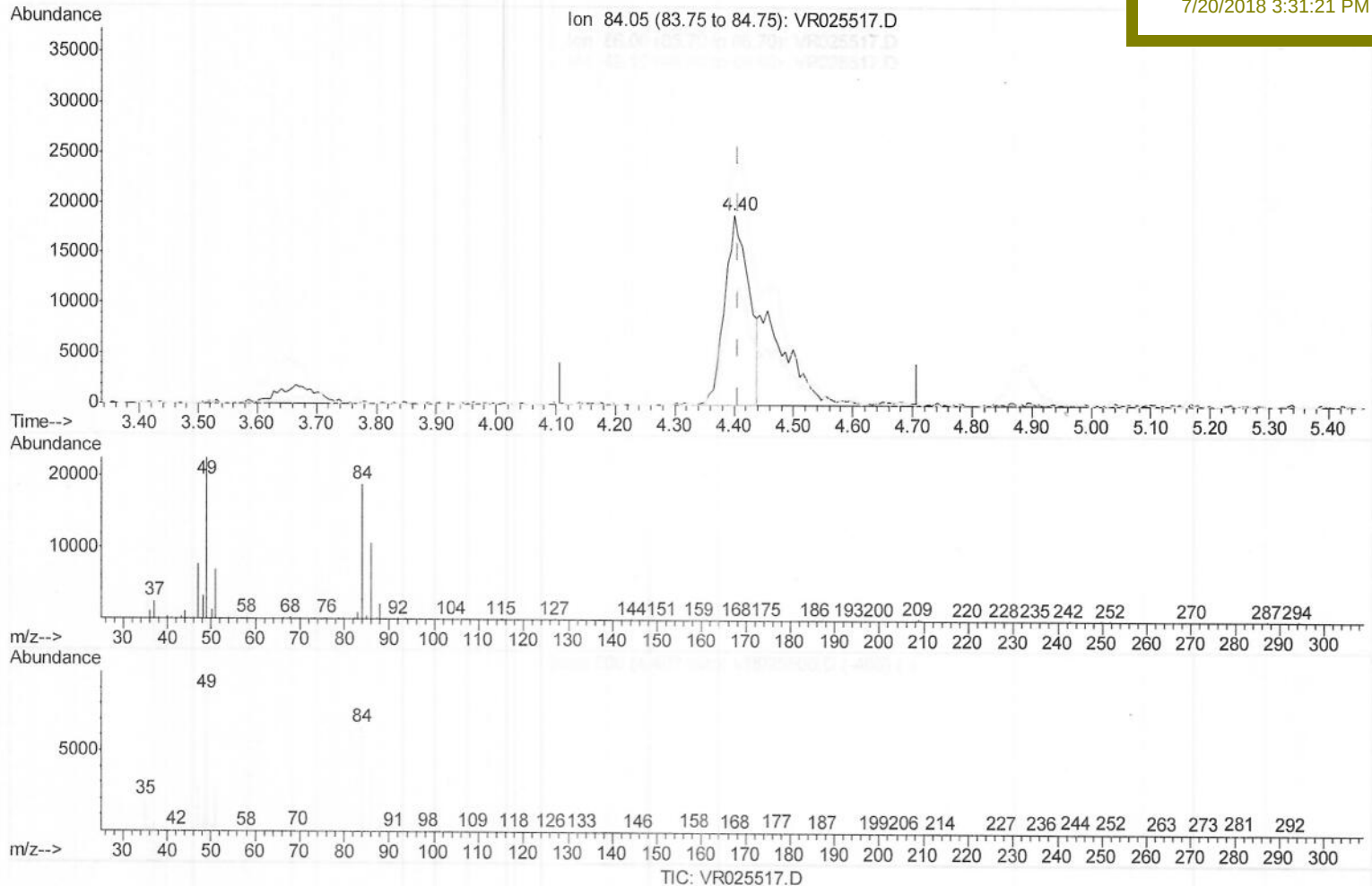
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Manual Integrations
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(16) Methylene chloride (T)

4.401min (-0.006) 2.76ug/L

response 53806

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	56.21
49.10	124.60	119.16
0.00	0.00	0.00

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Operator : SY/MD

Sample : VSTDCCC005

Misc : 25mL/MSVOA_R/WATER

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 01:06:11 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M

Quant Title : TRACE VOA SOM01.0

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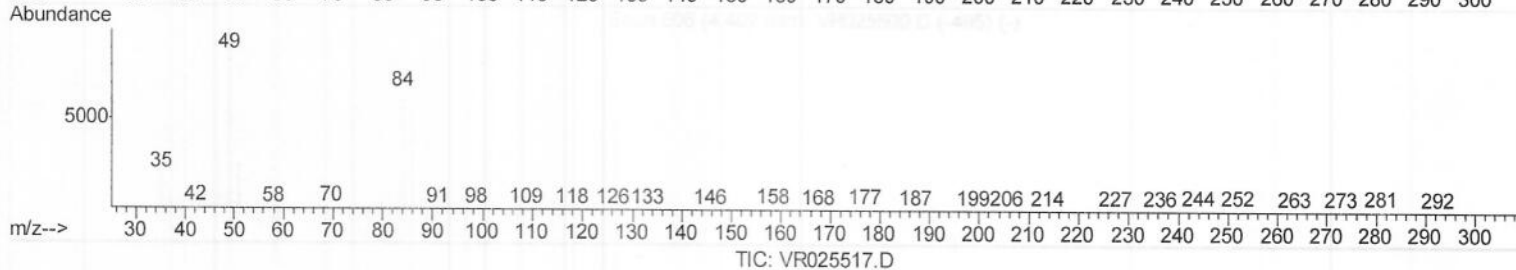
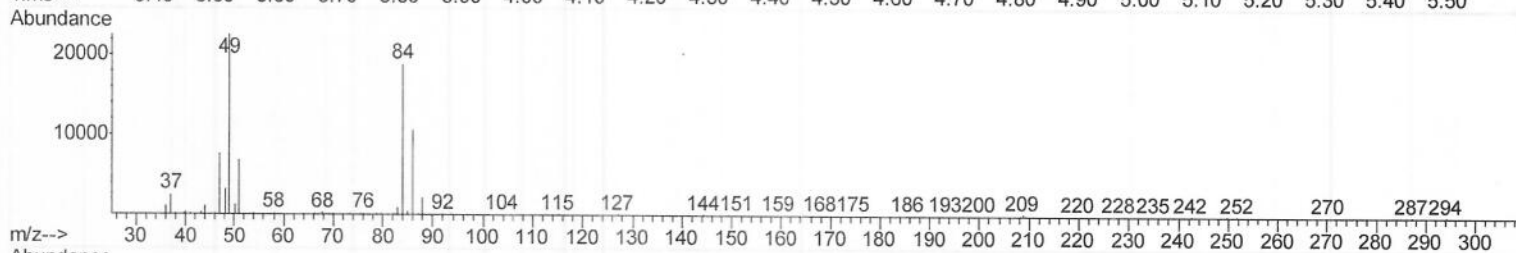
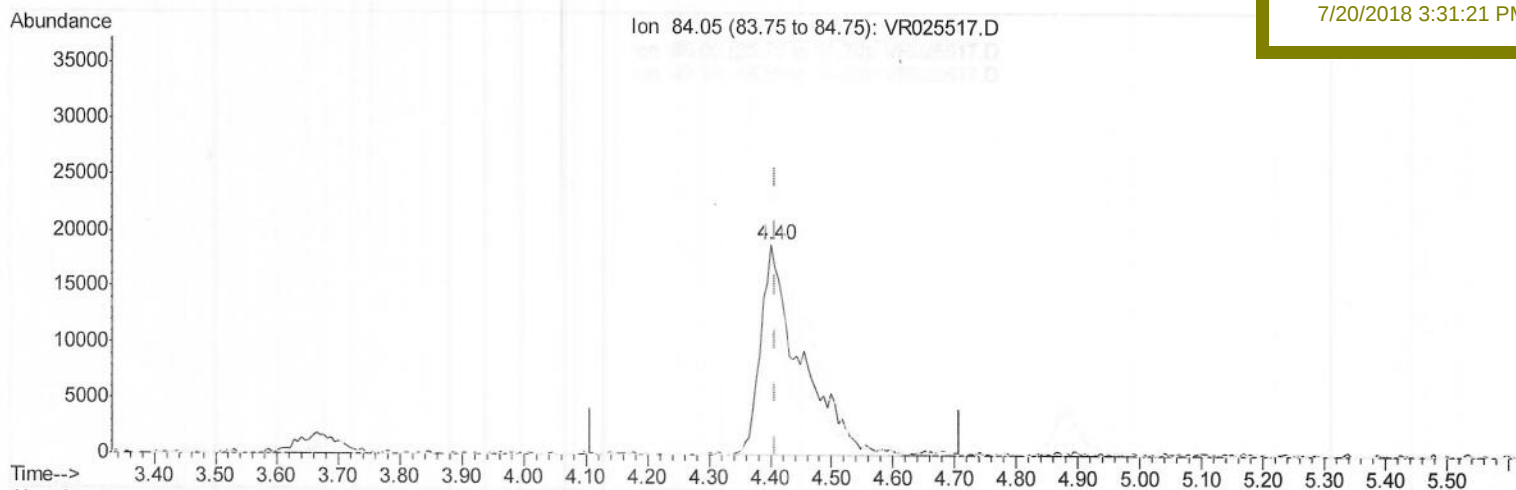
Response via : Initial Calibration

Instrument :

MSVOA_R

LabSampleId :

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Manual Integrations
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(16) Methylene chloride (T)

4.401min (-0.006) 4.47ug/L m

response 87098

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	56.21
49.10	124.60	119.16
0.00	0.00	0.00

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 Sample : VSTDC0005
 Misc : 25mL/MSVOA_R/WATER
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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	665773	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	543509	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	214166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	115044	6.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	125.40%		
7) Chloroethane-d5	2.63	69	86283	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	110.40%		
11) 1,1-Dichloroethene-d2	3.64	63	303762	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	109.20%		
20) 2-Butanone-d5	6.59	46	232878	40.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	81.70%		
24) Chloroform-d	7.20	84	455747	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	100.40%		
26) 1,2-Dichloroethane-d4	7.89	65	163370	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.00%		
32) Benzene-d6	7.86	84	1007814	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	110.80%		
36) 1,2-Dichloropropane-d6	8.90	67	267167	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	101.20%		
41) Toluene-d8	9.97	98	931067	5.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	116.60%		
43) trans-1,3-Dichloropropene	10.24	79	67649	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	96.80%		
46) 2-Hexanone-d5	10.59	63	214625	47.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	95.00%		
57) 1,1,2,2-Tetrachloroethane	12.36	84	111183	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.20%		
64) 1,2-Dichlorobenzene-d4	13.51	152	188235	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	106.40%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	197976	5.264 ug/L	97
3) Chloromethane	2.01	50	106577	4.780 ug/L	96
5) Vinyl chloride	2.16	62	107305	5.356 ug/L	99
6) Bromomethane	2.53	94	53997	4.581 ug/L	95
8) Chloroethane	2.67	64	58025	4.652 ug/L	93
9) Trichlorofluoromethane	2.94	101	184349m	5.632 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	109467	5.494 ug/L	99
12) 1,1-Dichloroethene	3.65	96	105728	5.312 ug/L	85
13) Acetone	3.70	43	88326	34.389 ug/L	96
14) Carbon disulfide	3.97	76	221725	4.895 ug/L	98
15) Methyl Acetate	4.21	43	20796	3.619 ug/L #	89
16) Methylene chloride	4.40	84	87098m	4.467 ug/L	
17) Methyl tert-butyl Ether	4.90	73	264576	4.078 ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	245899	4.966 ug/L	89
19) 1,1-Dichloroethane	5.69	63	399516	4.704 ug/L	99
21) 2-Butanone	6.69	43	232257	38.820 ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	228248	5.023 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	63989	4.374	ug/L	93
25) Chloroform	7.23	83	379300	4.649	ug/L	99
27) 1,2-Dichloroethane	8.00	62	155493	4.251	ug/L #	90
29) 1,1,1-Trichloroethane	7.43	97	280160	5.068	ug/L	100
30) Cyclohexane	7.52	56	344328	5.806	ug/L	94
31) Carbon tetrachloride	7.64	117	270794	5.537	ug/L	97
33) Benzene	7.91	78	955761	5.102	ug/L	100
34) Trichloroethene	8.71	95	234430	4.915	ug/L	97
35) Methylcyclohexane	8.96	83	373002	5.850	ug/L	97
37) 1,2-Dichloropropane	8.99	63	204354	4.693	ug/L	100
38) Bromodichloromethane	9.28	83	203950	4.595	ug/L	96
39) cis-1,3-Dichloropropene	9.72	75	241154	4.925	ug/L	93
40) 4-Methyl-2-pentanone	9.86	43	552486	43.779	ug/L	95
42) Toluene	10.03	91	981009	5.385	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	166878	4.641	ug/L	92
45) 1,1,2-Trichloroethane	10.44	97	92856	4.352	ug/L	93
47) Tetrachloroethene	10.52	164	166930	5.360	ug/L	99
48) 2-Hexanone	10.64	43	368342	42.431	ug/L	94
49) Dibromochloromethane	10.78	129	101277	4.553	ug/L	93
50) 1,2-Dibromoethane	10.89	107	77572	4.488	ug/L #	97
51) Chlorobenzene	11.31	112	549287	4.952	ug/L	97
52) Ethylbenzene	11.39	91	1084428	5.551	ug/L	99
53) m,p-Xylene	11.50	106	405543	5.532	ug/L	90
54) o-Xylene	11.83	106	354334	5.611	ug/L	98
55) Styrene	11.85	104	573629	5.521	ug/L	89
56) Isopropylbenzene	12.13	105	1001048	5.987	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	90815	4.321	ug/L	93
59) 1,2,3-Trichloropropane	12.43	75	62896	4.157	ug/L	98
61) Bromoform	12.01	173	38769	4.445	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	318688	5.079	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	335691	4.819	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	270017	4.952	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	8217	3.406	ug/L	96
67) 1,3,5-Trichlorobenzene	14.29	180	220884	5.390	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	136795	4.856	ug/L	99
69) Naphthalene	15.00	128	160966	4.462	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	106945	4.922	ug/L	95

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