

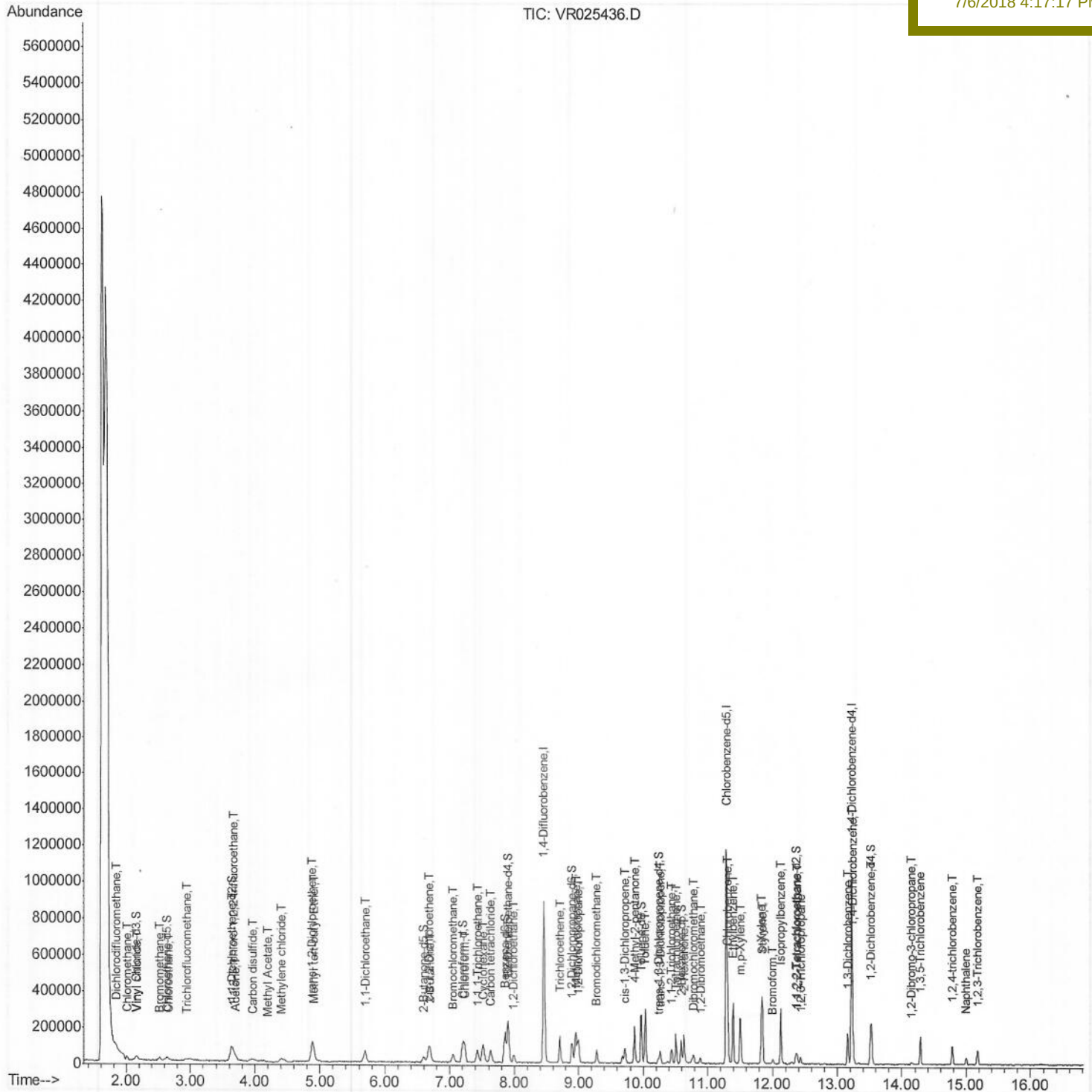
Data File : VR025436.D
Acq On : 5 Jul 2018 12:54
Operator : SY/MD
Sample : VSTD00182
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 05 15:03:52 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 :
VSTD00182

Manual Integrations
APPROVED

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



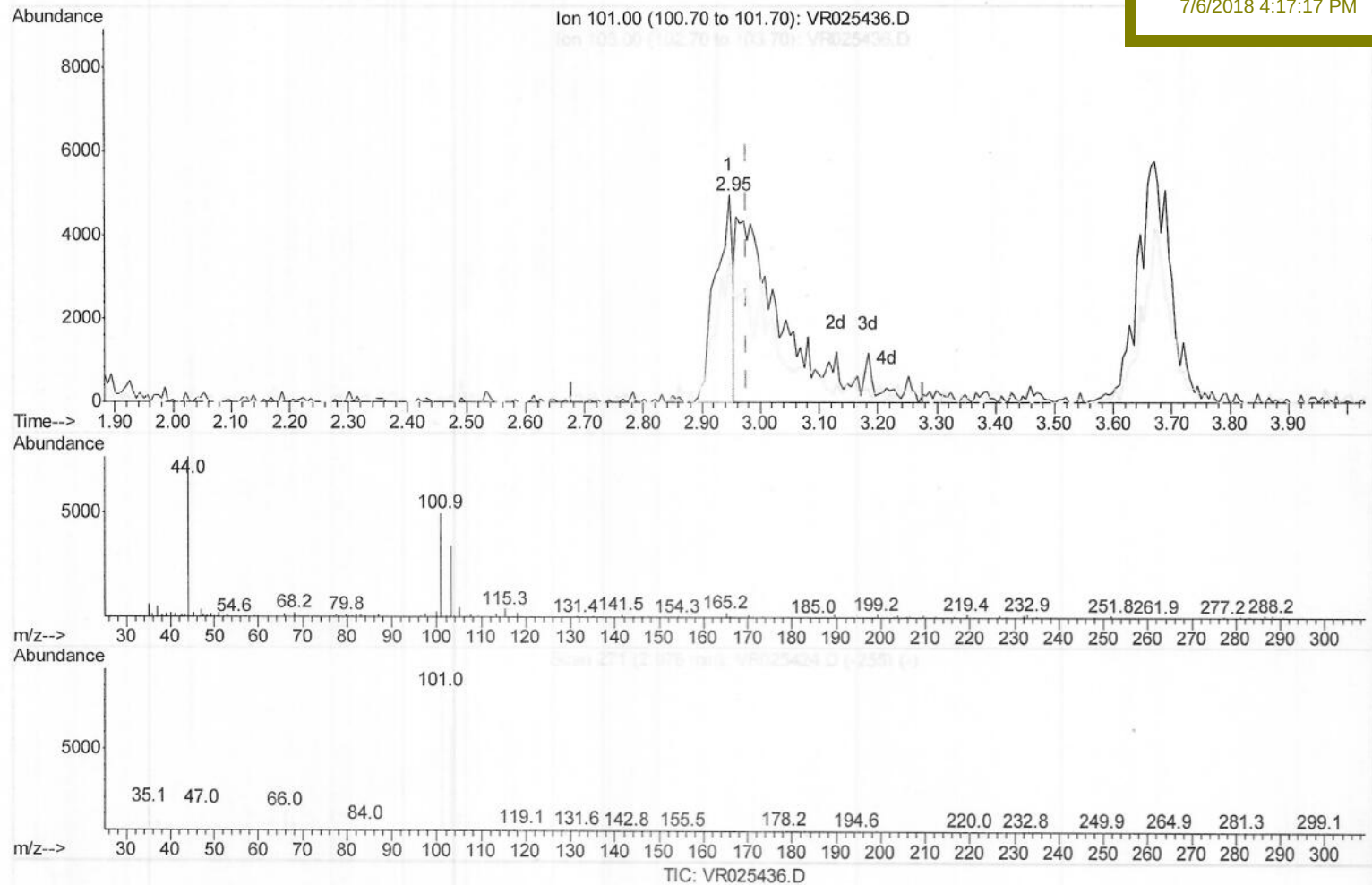
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(9) Trichlorofluoromethane (T)

2.947min (-0.031) 0.24ug/L

response 9834

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	78.86#
0.00	0.00	0.00
0.00	0.00	0.00

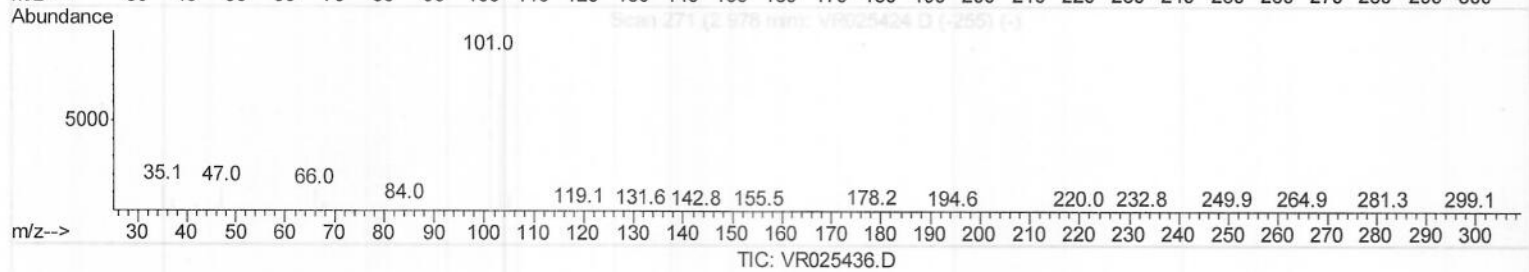
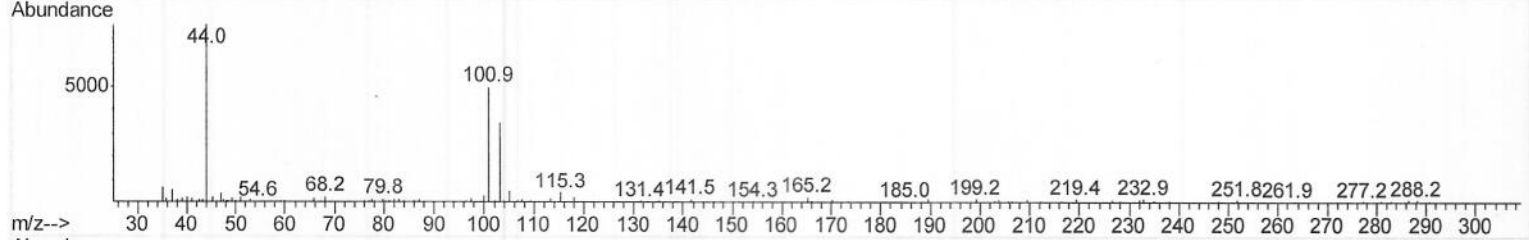
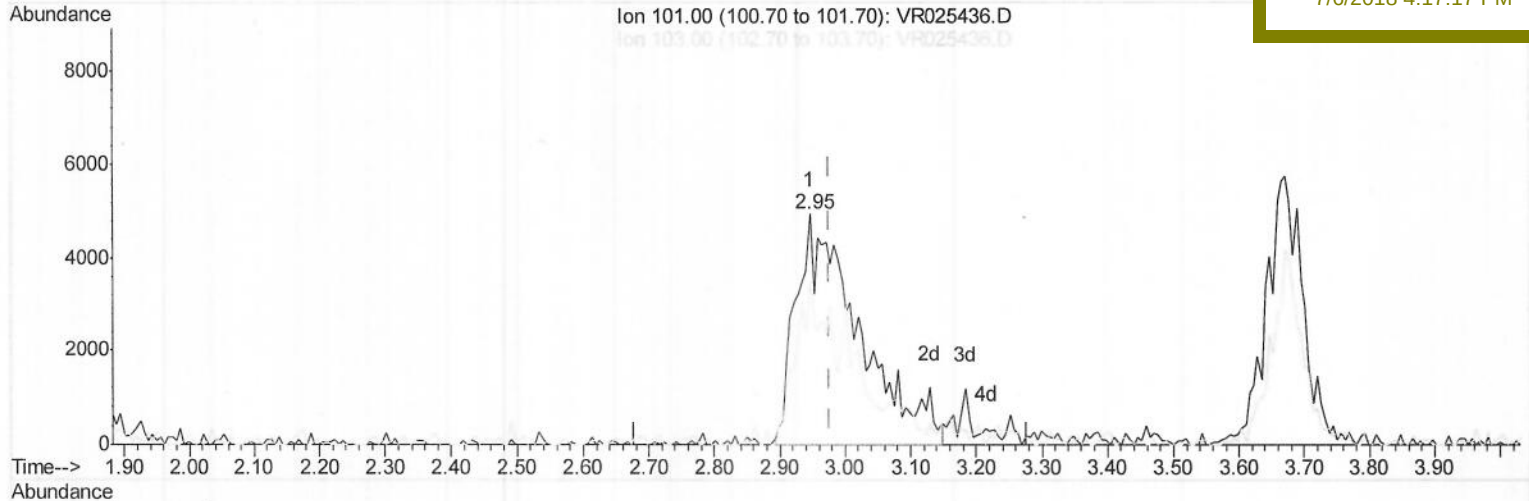
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7/6/2018 4:17:17 PM



(9) Trichlorofluoromethane (T)

2.947min (-0.031) 0.81ug/L m > MD
response 32595 07/07/18

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	23.79#
0.00	0.00	0.00
0.00	0.00	0.00

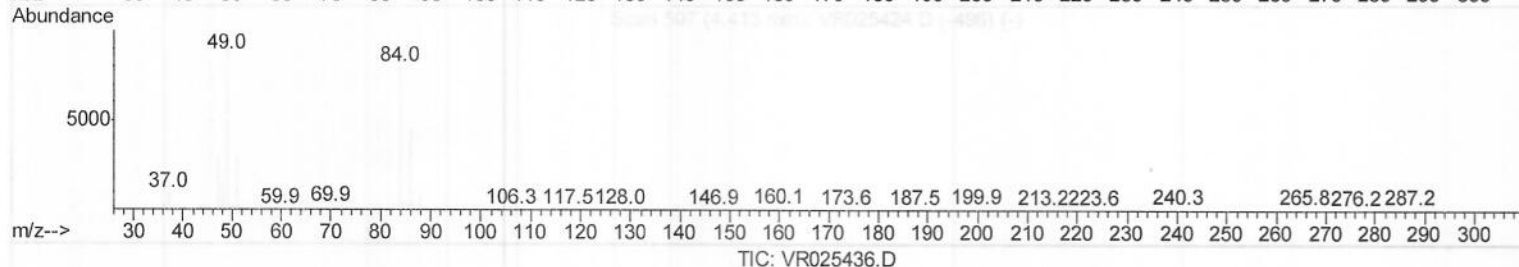
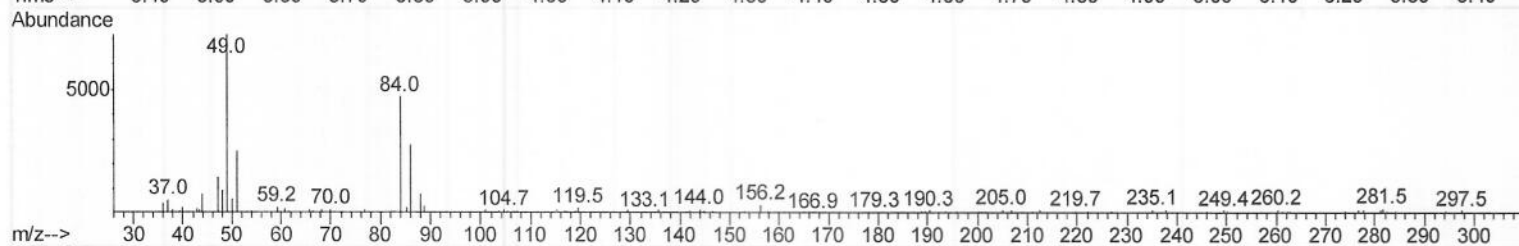
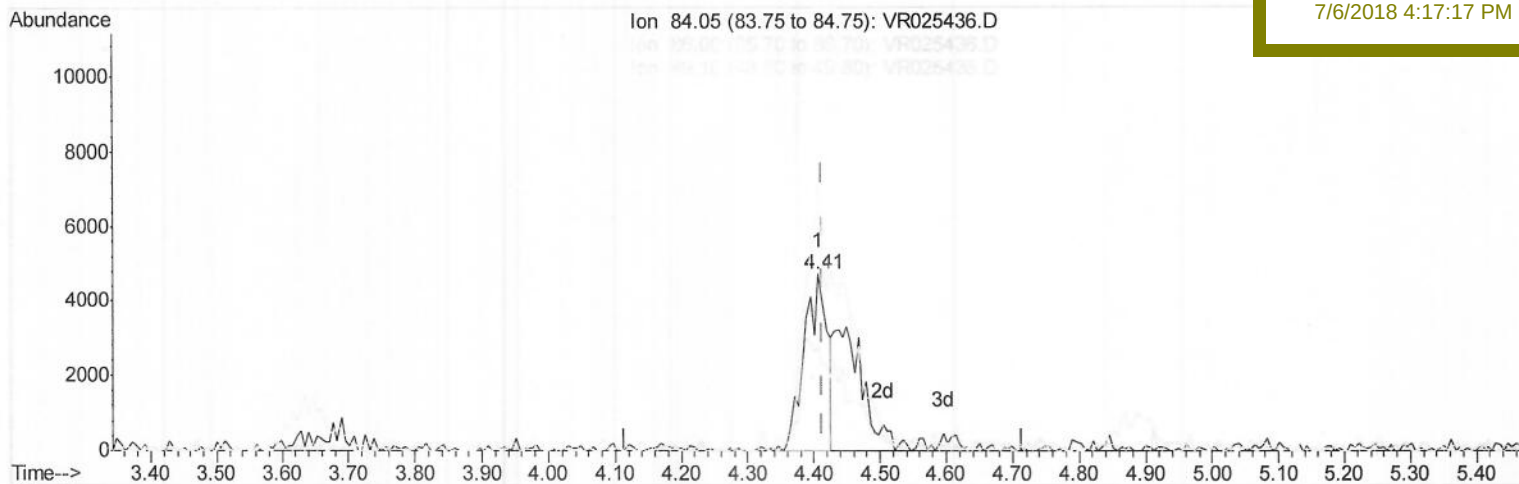
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Instrument :
MSVOA_R
ClientSampled :
VSTD00182

Manual Integrations
APPROVED

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7/6/2018 4:17:17 PM



(16) Methylene chloride (T)

4.407min (-0.006) 0.53ug/L

response 11360

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	59.31
49.10	124.60	151.98
0.00	0.00	0.00

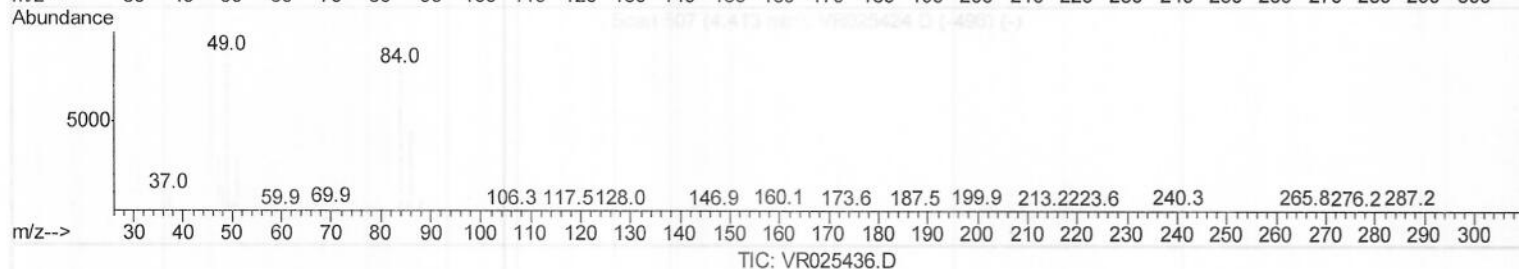
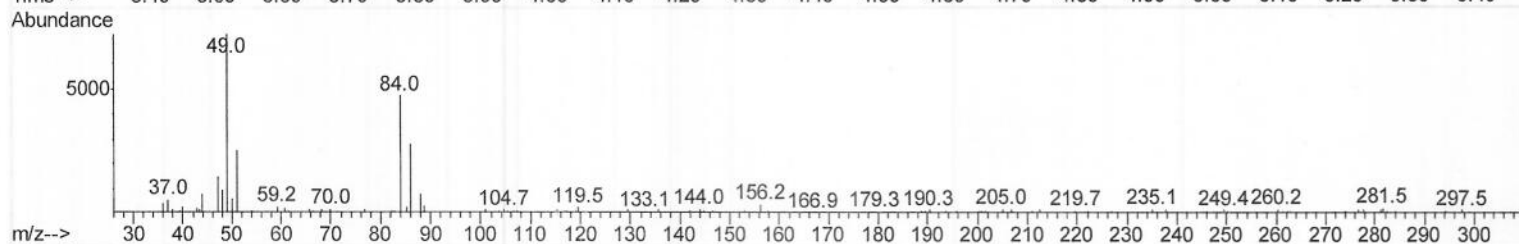
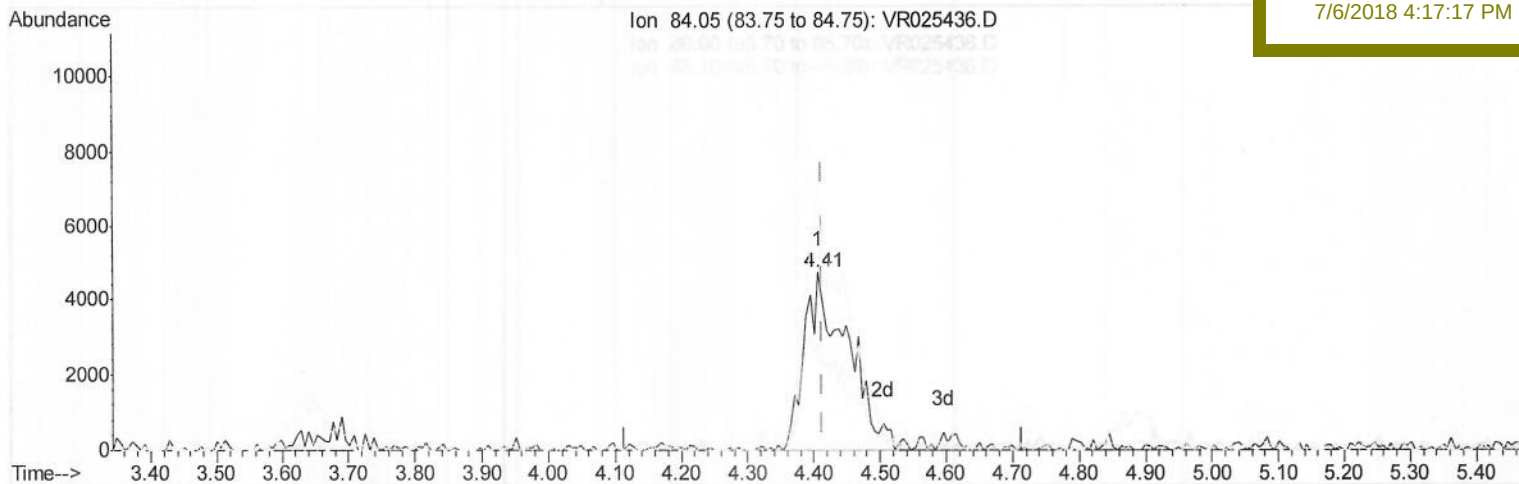
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Instrument :
MSVOA_R
ClientSampleId :
VSTD00182

Manual Integrations
APPROVED

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



(16) Methylene chloride (T)

4.407min (-0.006) 1.00ug/L m > MD
response 21323 07/07/18

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	59.31
49.10	124.60	151.98
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	665132	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	559783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	208852	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	19673	0.87	ug/L	0.00
7) Chloroethane-d5	2.63	69	16983	1.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	57391	0.98	ug/L	-0.01
20) 2-Butanone-d5	6.60	46	48819	8.04	ug/L	0.00
24) Chloroform-d	7.20	84	95081	1.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	35804	1.11	ug/L	0.00
32) Benzene-d6	7.85	84	181521	0.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	55199	1.02	ug/L	0.00
41) Toluene-d8	9.97	98	167389	1.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	12129	0.85	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	38786	7.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	24647	1.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	34551	0.98	ug/L	0.00

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	41226	0.959	ug/L	97
3) Chloromethane	2.00	50	24001	0.771	ug/L	94
5) Vinyl chloride	2.16	62	21777	0.791	ug/L #	82
6) Bromomethane	2.52	94	13209	0.984	ug/L	81
8) Chloroethane	2.66	64	13044	0.907	ug/L	89
9) Trichlorofluoromethane	2.95	101	32595m	0.810	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	22644	0.960	ug/L	99
12) 1,1-Dichloroethene	3.65	96	21378	0.914	ug/L	88
13) Acetone	3.71	43	26166	9.541	ug/L	72
14) Carbon disulfide	3.96	76	45671	0.928	ug/L	98
15) Methyl Acetate	4.19	43	5883	0.853	ug/L #	78
16) Methylene chloride	4.41	84	21323m	1.002	ug/L	
17) Methyl tert-butyl Ether	4.91	73	65708	0.943	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	51435	1.070	ug/L	87
19) 1,1-Dichloroethane	5.70	63	87229	0.966	ug/L	91
21) 2-Butanone	6.70	43	56832	8.767	ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	41843	0.834	ug/L	96
23) Bromochloromethane	7.05	128	15202	1.035	ug/L #	88
25) Chloroform	7.24	83	85402	1.035	ug/L	95
27) 1,2-Dichloroethane	7.99	62	37286	0.990	ug/L #	90
29) 1,1,1-Trichloroethane	7.42	97	58360	0.878	ug/L	99
30) Cyclohexane	7.52	56	51582	0.608	ug/L	97
31) Carbon tetrachloride	7.63	117	50018	0.857	ug/L	97
33) Benzene	7.91	78	200577	0.913	ug/L	100
34) Trichloroethene	8.71	95	50496	0.950	ug/L	97
35) Methylcyclohexane	8.96	83	57246	0.682	ug/L	95
37) 1,2-Dichloropropane	8.99	63	47278	0.968	ug/L #	94
38) Bromodichloromethane	9.28	83	42962	0.907	ug/L #	98
39) cis-1,3-Dichloropropene	9.72	75	41341	0.718	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	125646	7.947	ug/L	98

MD
07/07/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	191346	0.812	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	32927	0.832	ug/L	94
45) 1,1,2-Trichloroethane	10.44	97	21619	0.953	ug/L	94
47) Tetrachloroethene	10.51	164	32219	0.908	ug/L	91
48) 2-Hexanone	10.64	43	90759	9.005	ug/L	97
49) Dibromochloromethane	10.78	129	21714	0.994	ug/L	86
50) 1,2-Dibromoethane	10.89	107	17680	0.972	ug/L	87
51) Chlorobenzene	11.31	112	120261	0.953	ug/L	99
52) Ethylbenzene	11.39	91	201018	0.860	ug/L	100
53) m,p-Xylene	11.51	106	73650	0.826	ug/L	89
54) o-Xylene	11.83	106	64835	0.813	ug/L	100
55) Styrene	11.85	104	111836	0.913	ug/L	97
56) Isopropylbenzene	12.13	105	164194	0.766	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	22449	1.069	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	16006	1.056	ug/L	97
61) Bromoform	12.01	173	8002	1.074	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	59051	0.806	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	71574	0.977	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	56828	0.967	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	2409	1.038	ug/L #	63
67) 1,3,5-Trichlorobenzene	14.29	180	40137	0.827	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	25106	0.743	ug/L	94
69) Naphthalene	15.00	128	24374	0.554	ug/L #	96
70) 1,2,3-Trichlorobenzene	15.18	180	19969	0.764	ug/L	93

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