

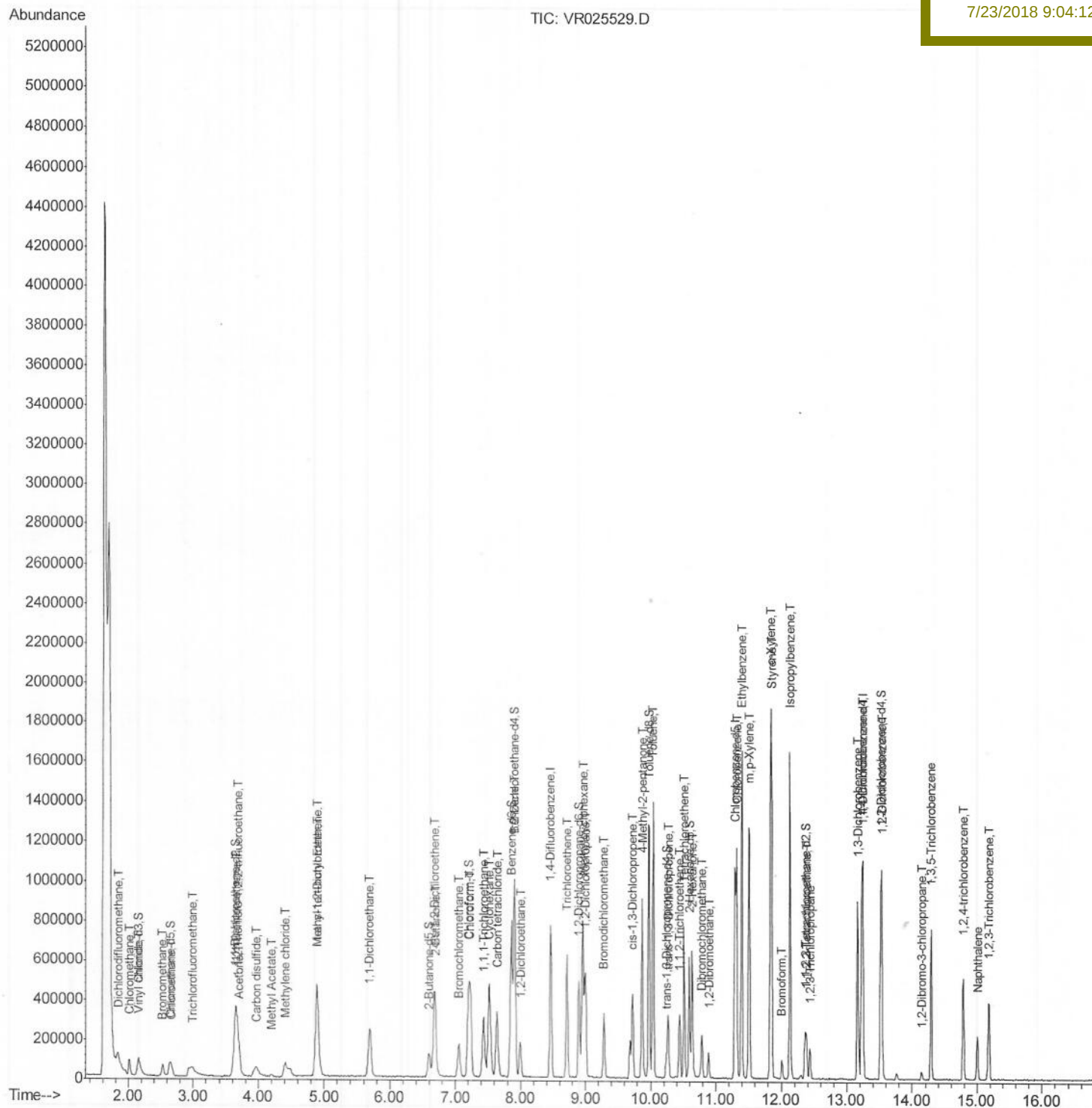
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR072018\
Data File : VR025529.D
Acq On : 20 Jul 2018 12:15
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 23:34:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 01:22:24 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
LabSampleId :
VSTD00581

Manual Integrations
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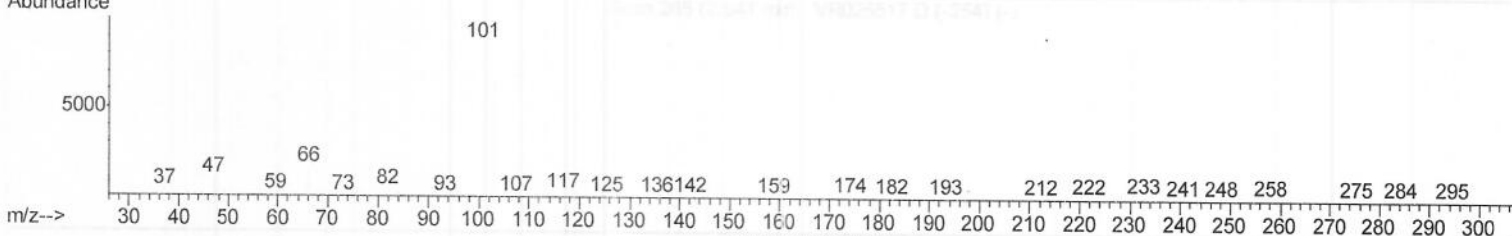
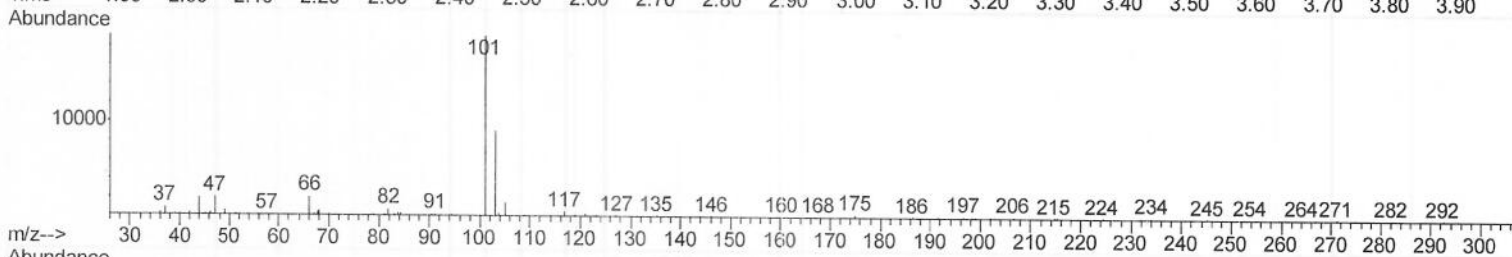
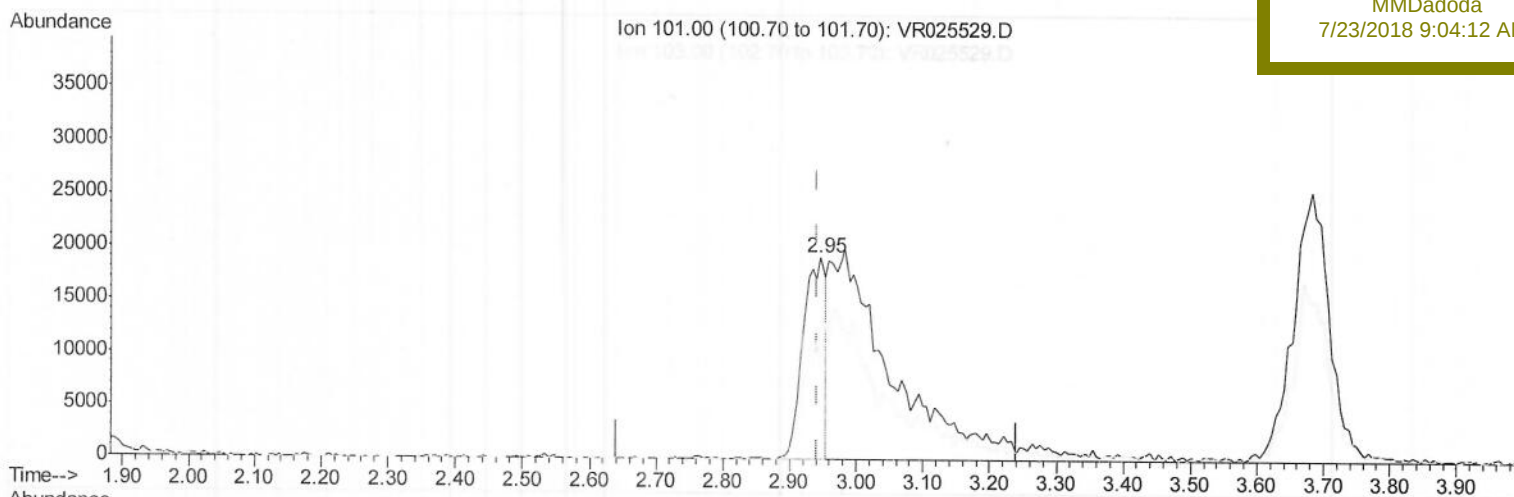
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(9) Trichlorofluoromethane (T)

2.947min (+0.006) 1.49ug/L

response 44313

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	173.49#
0.00	0.00	0.00
0.00	0.00	0.00

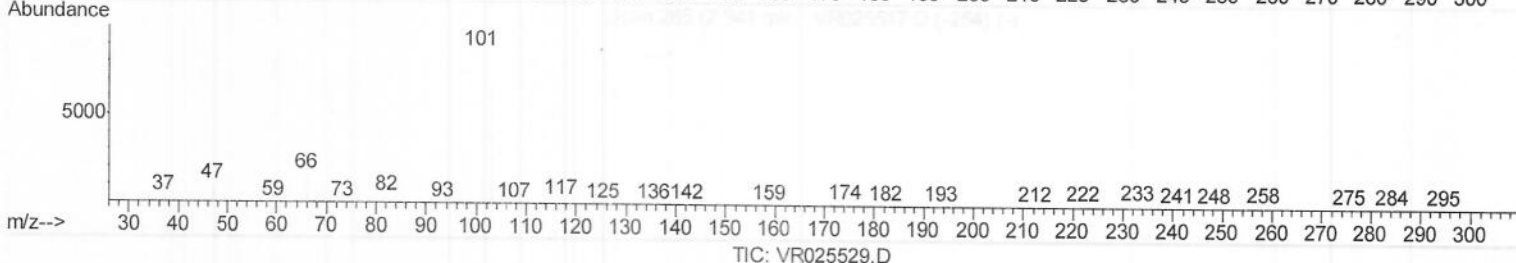
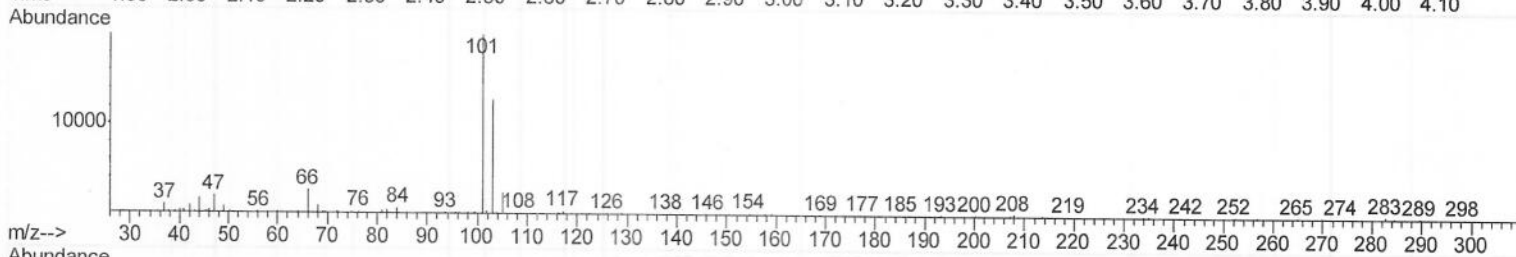
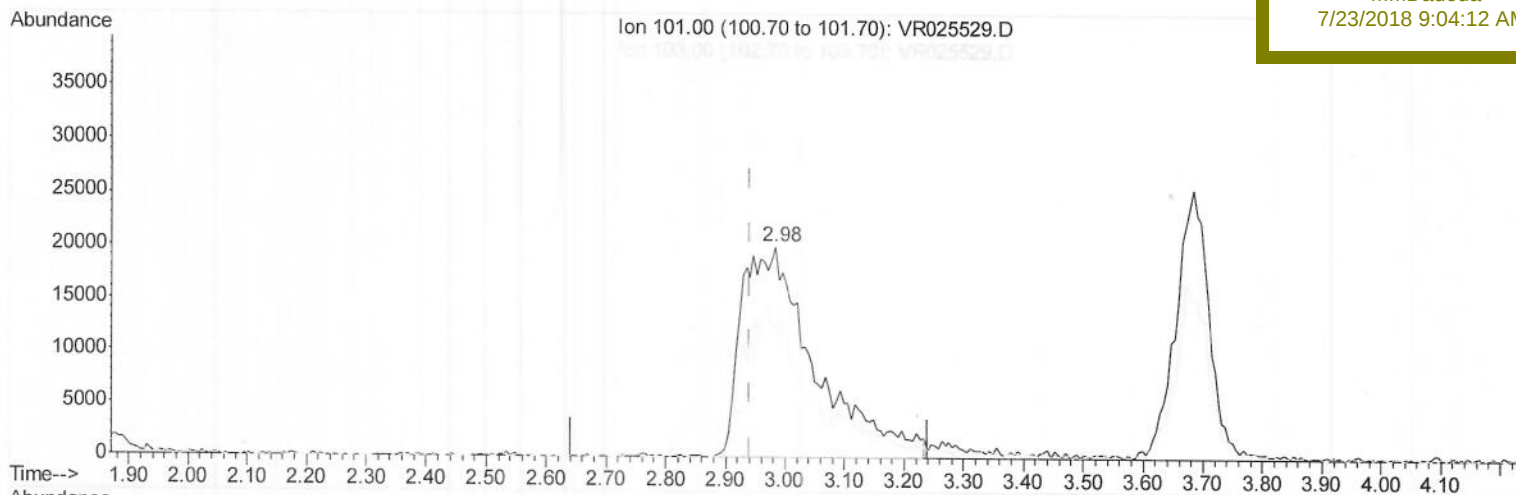
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(9) Trichlorofluoromethane (T)

2.984min (+0.043) 5.74ug/L m

response 170889

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	44.99#
0.00	0.00	0.00
0.00	0.00	0.00

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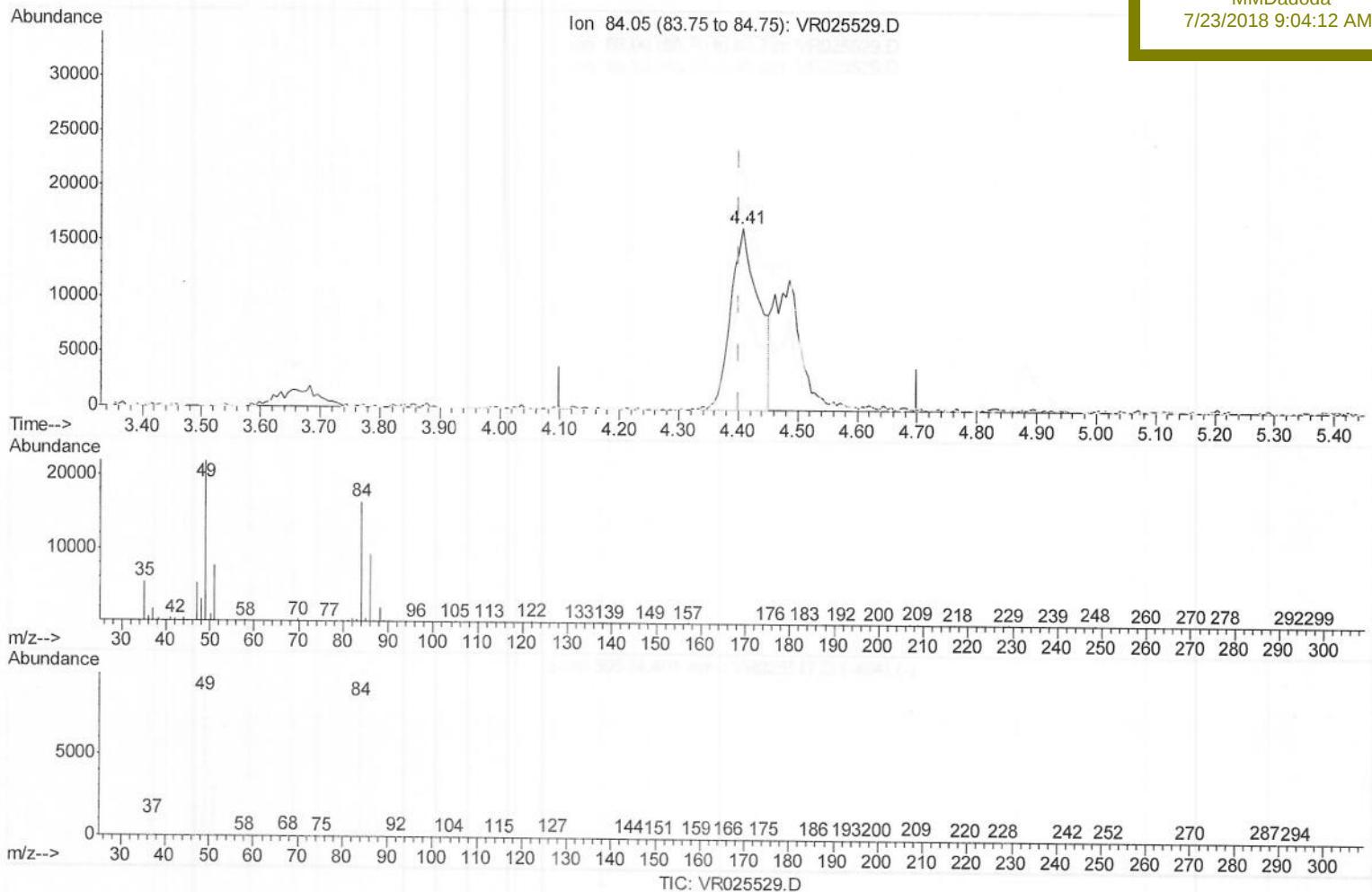
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(16) Methylene chloride (T)

4.407min (+0.006) 3.02ug/L

response 53525

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	56.61
49.10	124.60	133.35
0.00	0.00	0.00

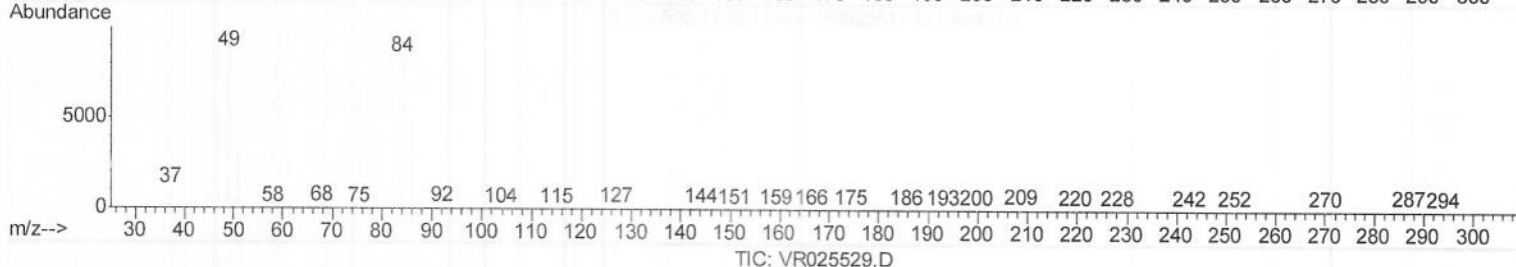
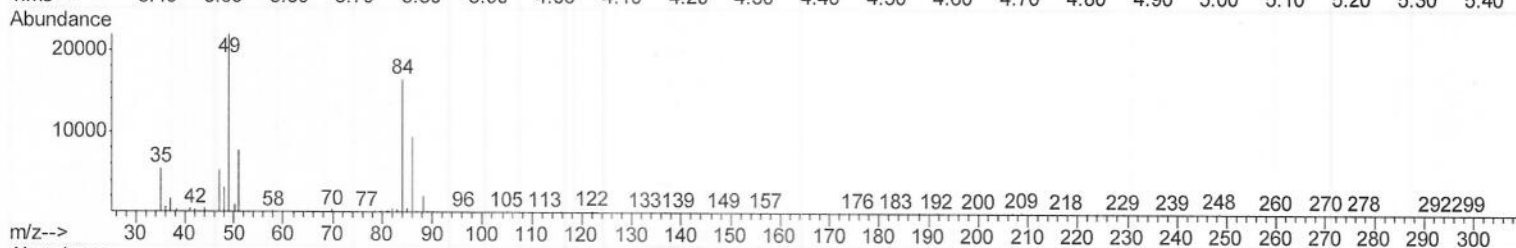
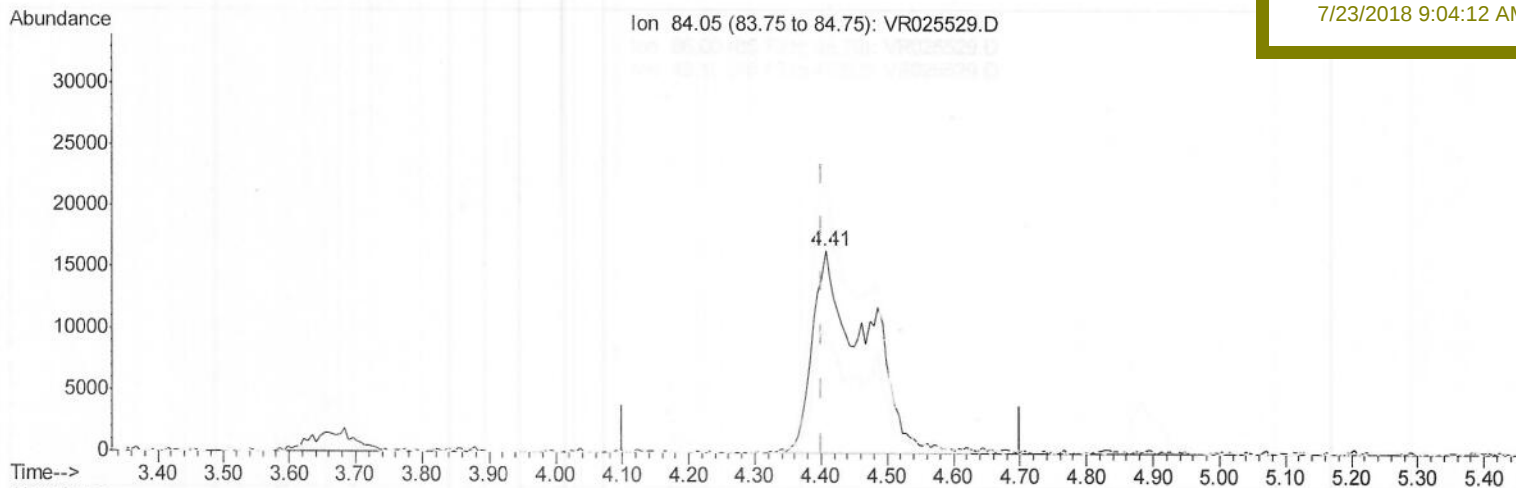
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(16) Methylene chloride (T)

4.407min (+0.006) 5.16ug/L m

response 91473

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	56.61
49.10	124.60	133.35
0.00	0.00	0.00

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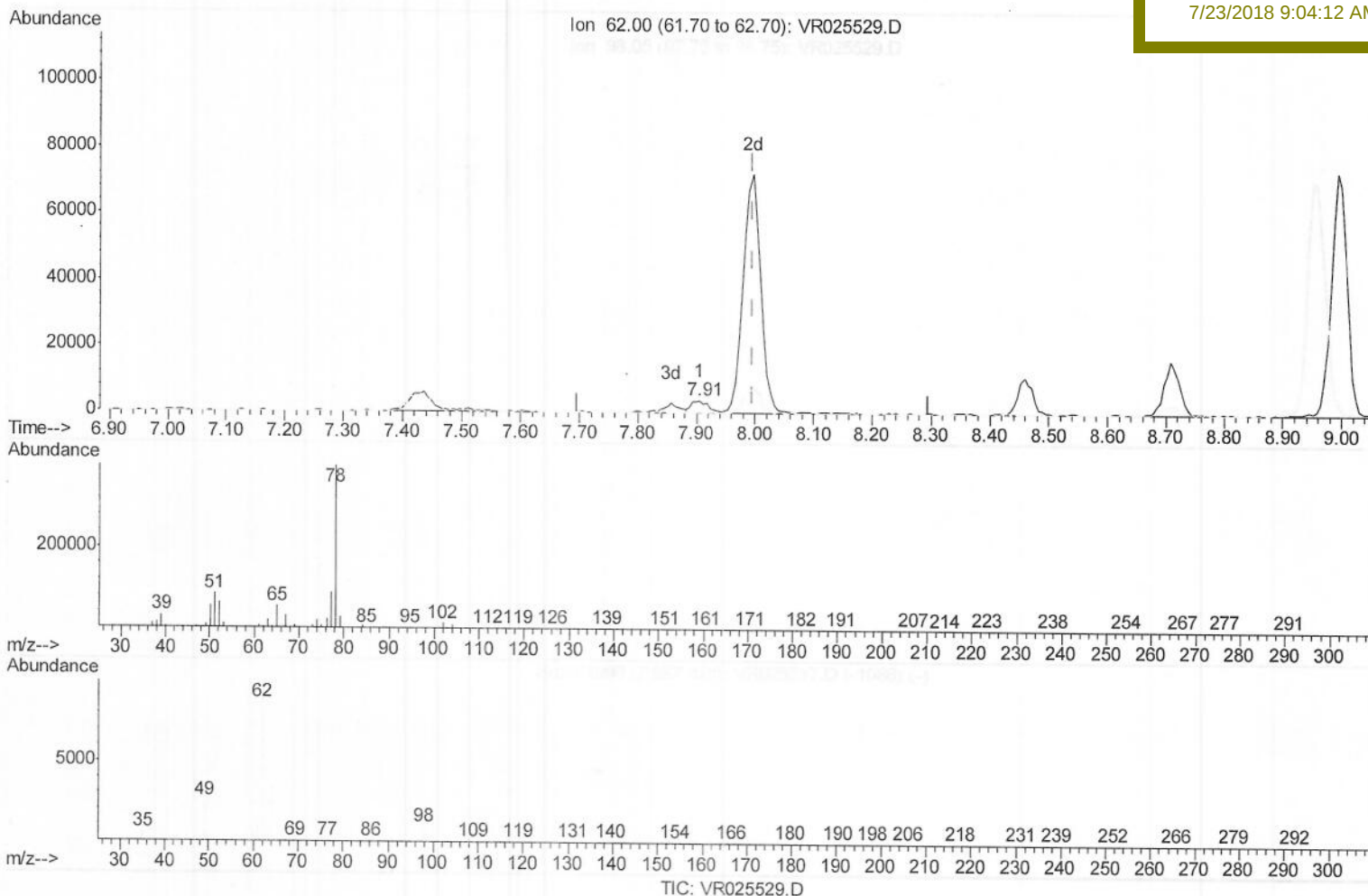
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(27) 1,2-Dichloroethane (T)

7.905min (-0.091) 0.23ug/L

response 7526

Ion	Exp%	Act%
62.00	100	100
98.05	6.80	5.59
0.00	0.00	0.00
0.00	0.00	0.00

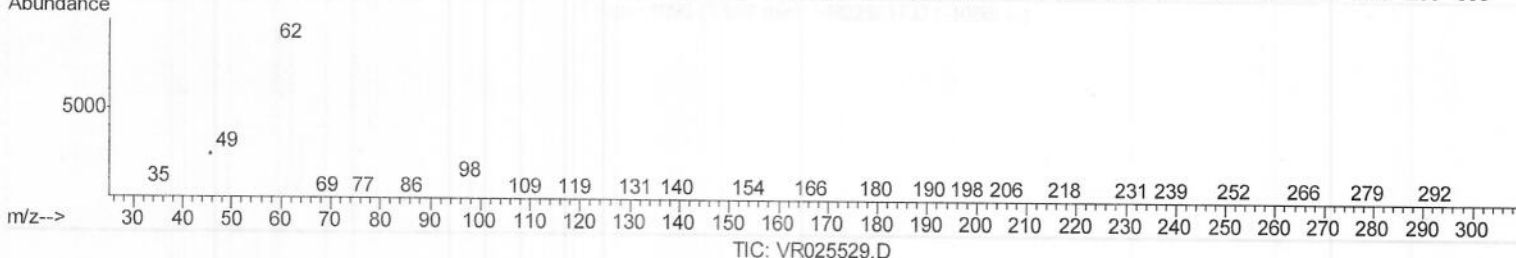
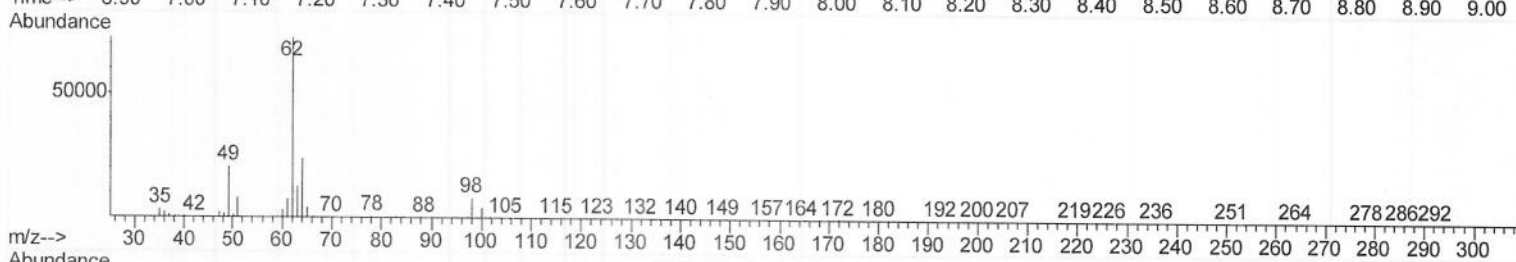
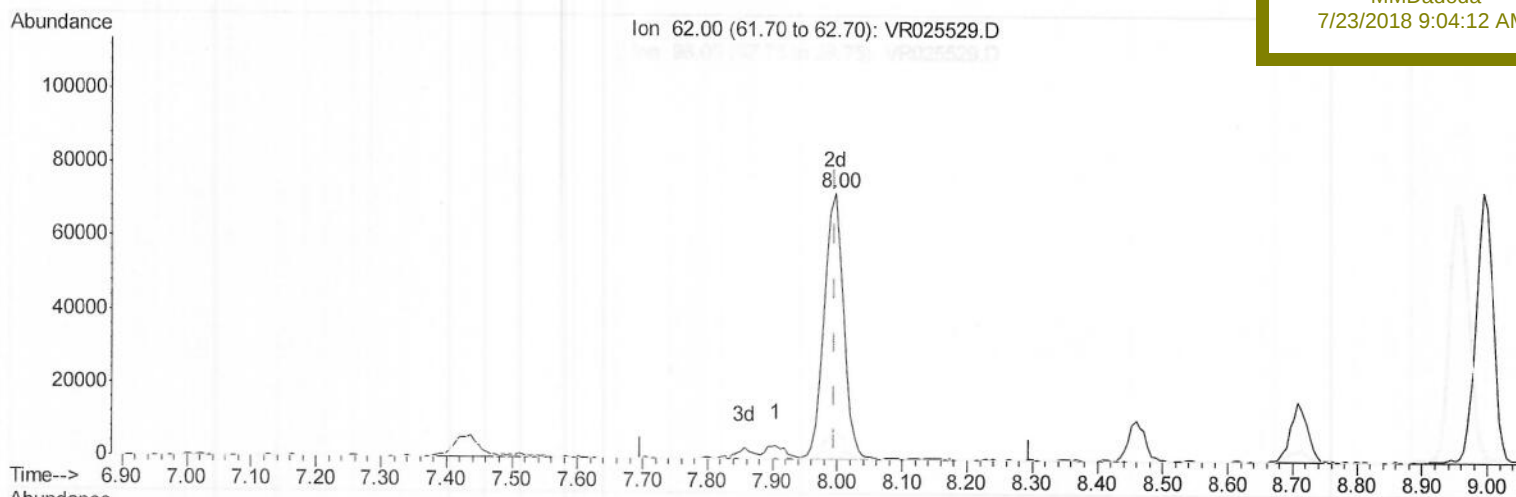
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(27) 1,2-Dichloroethane (T)

7.996min (-0.000) 4.58ug/L m

response 152187

Ion	Exp%	Act%
62.00	100	100
98.05	6.80	11.02#
0.00	0.00	0.00
0.00	0.00	0.00

MD
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	605081	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	513427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	202363	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	89831	5.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	107.80%		
7) Chloroethane-d5	2.64	69	66895	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	94.20%		
11) 1,1-Dichloroethene-d2	3.64	63	258476	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	102.20%		
20) 2-Butanone-d5	6.59	46	216606	41.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	83.62%		
24) Chloroform-d	7.20	84	411065	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.60%		
26) 1,2-Dichloroethane-d4	7.90	65	151088	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.60%		
32) Benzene-d6	7.86	84	867965	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.00%		
36) 1,2-Dichloropropane-d6	8.90	67	235238	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.40%		
41) Toluene-d8	9.97	98	806861	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	107.00%		
43) trans-1,3-Dichloropropene-	10.24	79	58819	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.00%		
46) 2-Hexanone-d5	10.59	63	202631	47.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	94.96%		
57) 1,1,2,2-Tetrachloroethane-	12.36	84	100848	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.60%		
64) 1,2-Dichlorobenzene-d4	13.51	152	164685	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.60%		

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	161569	4.726	ug/L	99
3) Chloromethane	2.01	50	89170	4.400	ug/L	96
5) Vinyl chloride	2.16	62	92767	5.095	ug/L	97
6) Bromomethane	2.53	94	48613	4.537	ug/L	94
8) Chloroethane	2.67	64	51170	4.514	ug/L	99
9) Trichlorofluoromethane	2.98	101	170889m)	5.744	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	99372	5.487	ug/L	95
12) 1,1-Dichloroethene	3.65	96	93514	5.170	ug/L	82
13) Acetone	3.71	43	95855	41.063	ug/L	97
14) Carbon disulfide	3.96	76	190751	4.634	ug/L	97
15) Methyl Acetate	4.20	43	21820	4.178	ug/L	95
16) Methylene chloride	4.41	84	91473m)	5.162	ug/L	
17) Methyl tert-butyl Ether	4.90	73	250412	4.247	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	221717	4.927	ug/L	95
19) 1,1-Dichloroethane	5.69	63	372800	4.829	ug/L	96
21) 2-Butanone	6.69	43	231594	42.592	ug/L	95
22) cis-1,2-Dichloroethene	6.68	96	218658	5.295	ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	62601	4.708	ug/L	90
25) Chloroform	7.23	83	362959	4.895	ug/L	96
27) 1,2-Dichloroethane	8.00	62	152187m)	4.578	ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	252549	4.836	ug/L	97
30) Cyclohexane	7.52	56	299599	5.348	ug/L	97
31) Carbon tetrachloride	7.64	117	253263	5.482	ug/L	97
33) Benzene	7.91	78	907540	5.128	ug/L	100
34) Trichloroethene	8.71	95	219812	4.879	ug/L	95
35) Methylcyclohexane	8.96	83	331422	5.502	ug/L	96
37) 1,2-Dichloropropane	8.99	63	204130	4.962	ug/L	99
38) Bromodichloromethane	9.28	83	203611	4.856	ug/L	92
39) cis-1,3-Dichloropropene	9.72	75	231438	5.003	ug/L	96
40) 4-Methyl-2-pentanone	9.86	43	554182	46.487	ug/L	96
42) Toluene	10.03	91	930830	5.409	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	163176	4.804	ug/L	98
45) 1,1,2-Trichloroethane	10.44	97	92256	4.577	ug/L	95
47) Tetrachloroethene	10.51	164	155781	5.295	ug/L	94
48) 2-Hexanone	10.64	43	369791	45.093	ug/L #	95
49) Dibromochloromethane	10.78	129	100412	4.778	ug/L	100
50) 1,2-Dibromoethane	10.89	107	75195	4.605	ug/L	98
51) Chlorobenzene	11.31	112	536887	5.124	ug/L	95
52) Ethylbenzene	11.39	91	1040617	5.639	ug/L	97
53) m,p-Xylene	11.50	106	391450	5.653	ug/L	88
54) o-Xylene	11.83	106	349226	5.855	ug/L	97
55) Styrene	11.85	104	560403	5.710	ug/L	89
56) Isopropylbenzene	12.13	105	950084	6.015	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	93546	4.712	ug/L #	96
59) 1,2,3-Trichloropropane	12.43	75	63292	4.429	ug/L	99
61) Bromoform	12.01	173	37400	4.538	ug/L #	97
62) 1,3-Dichlorobenzene	13.16	146	308587	5.204	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	334194	5.077	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	267796	5.197	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.15	75	8778	3.851	ug/L #	87
67) 1,3,5-Trichlorobenzene	14.29	180	206874	5.342	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	130612	4.907	ug/L	99
69) Naphthalene	15.00	128	160194	4.699	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	109412	5.329	ug/L	96

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