

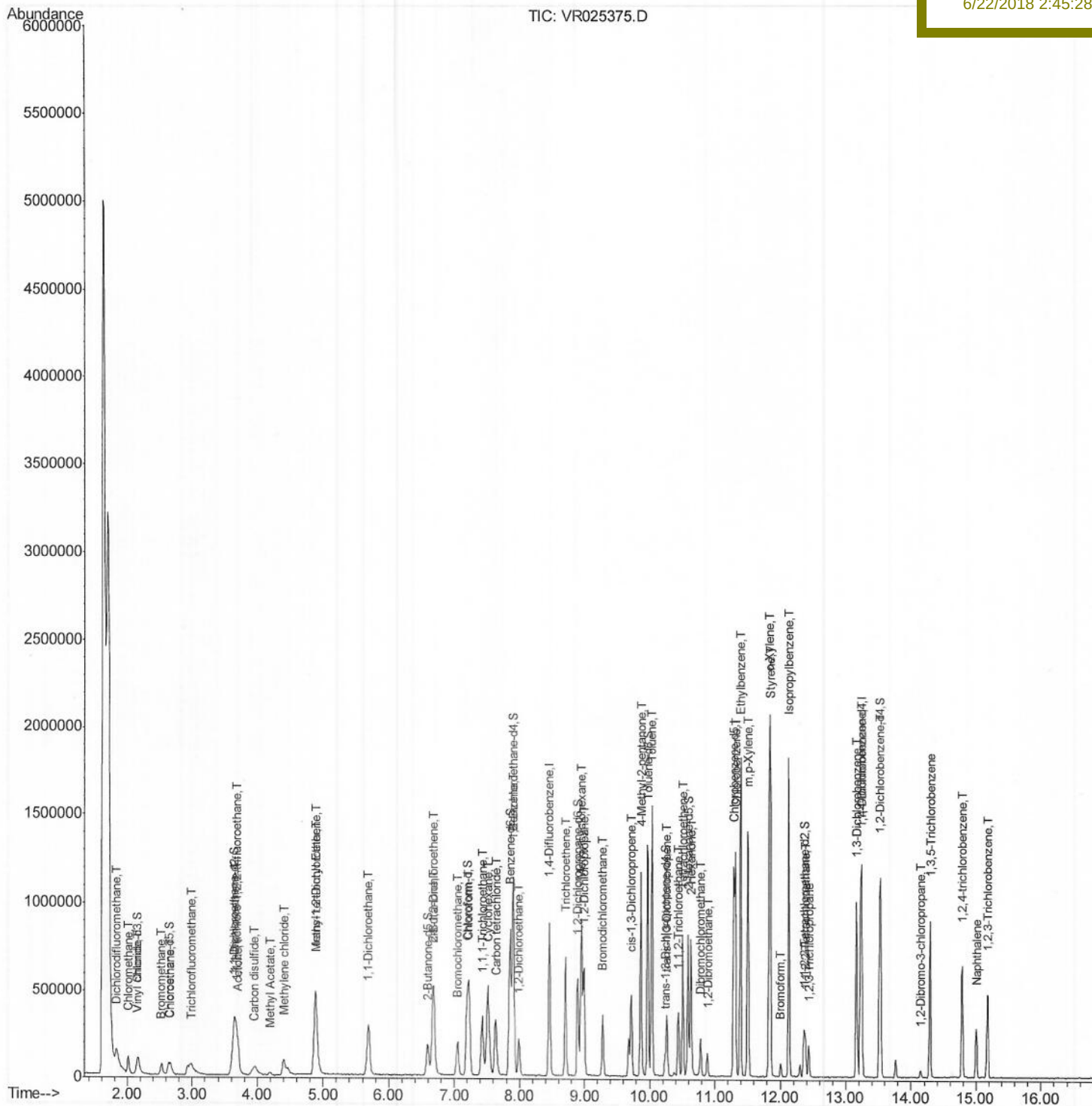
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
Data File : VR025375.D
Acq On : 20 Jun 2018 10:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 21 01:36:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 20 01:37:06 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
Lab Sample ID :
VSTD00591

Manual Integrations
APPROVED

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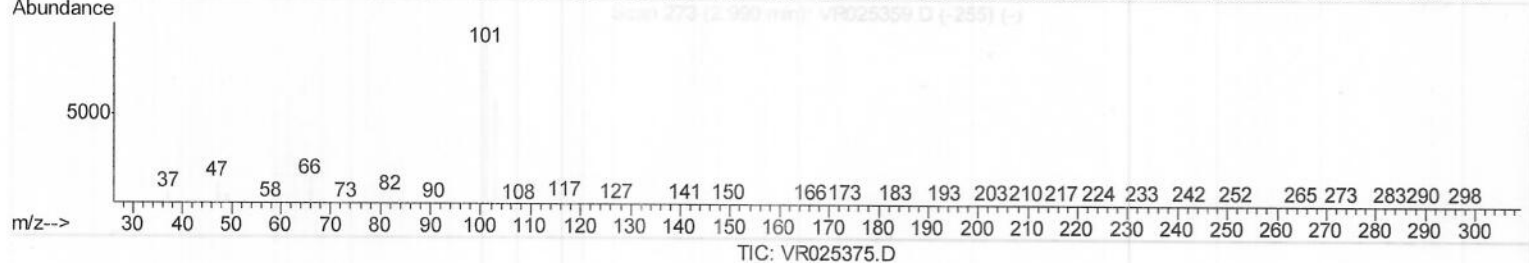
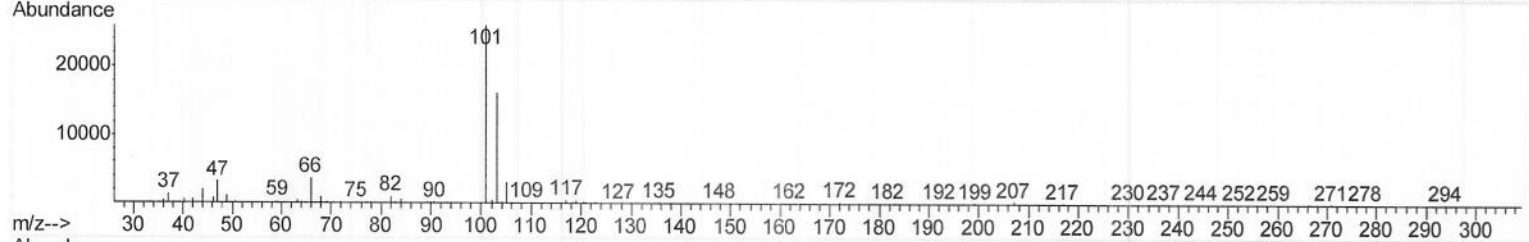
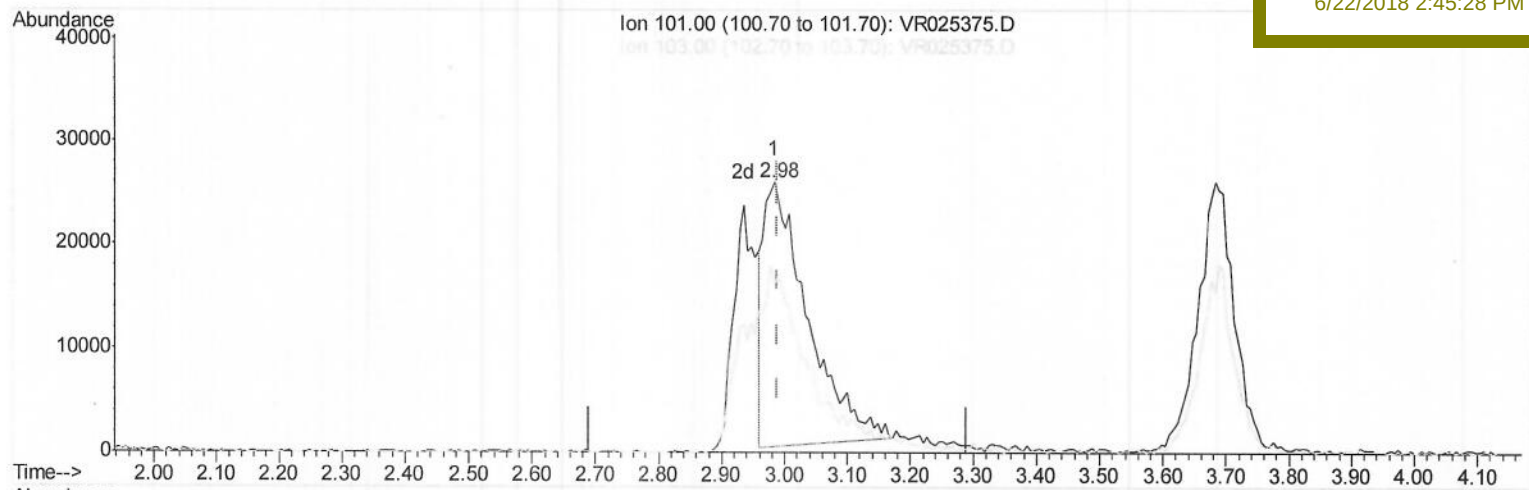
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(9) Trichlorofluoromethane (T)

2.984min (-0.006) 3.06ug/L

response 124107

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	56.74#
0.00	0.00	0.00
0.00	0.00	0.00

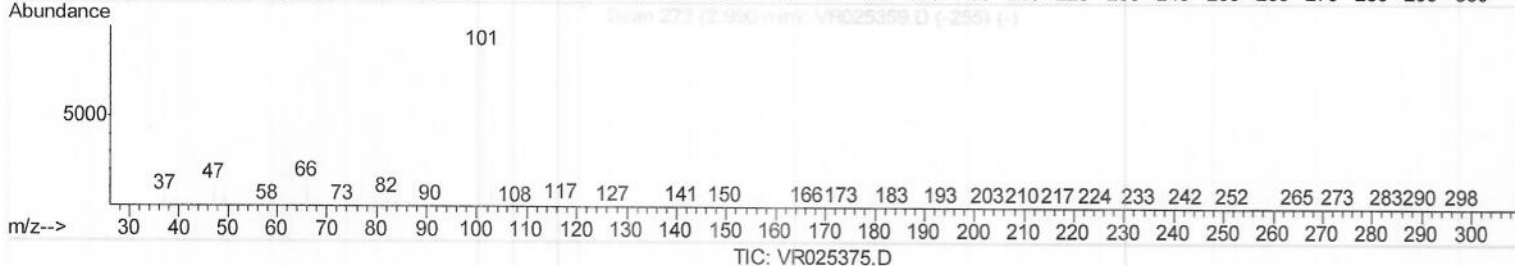
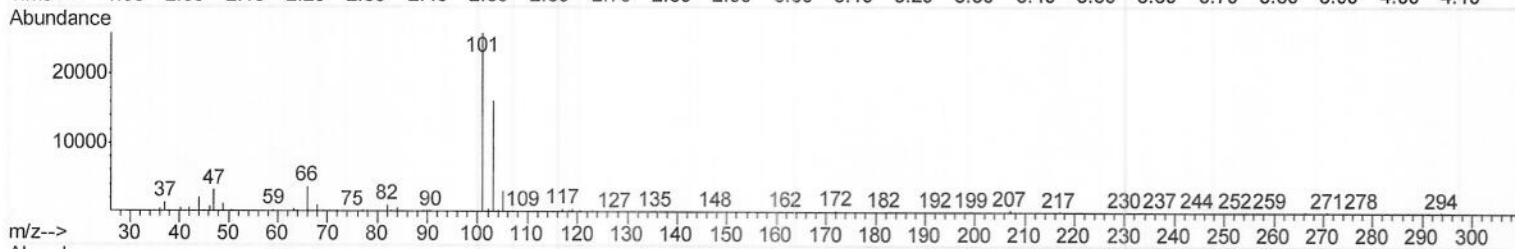
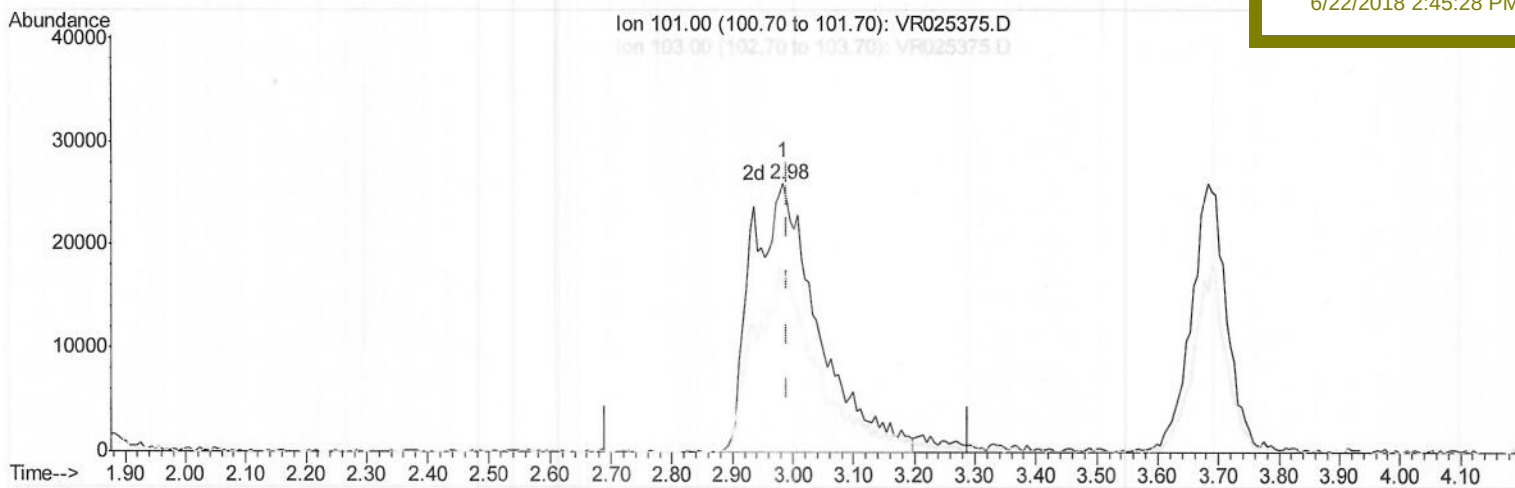
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(9) Trichlorofluoromethane (T)

2.984min (-0.006) 4.87ug/L m)

response 197587

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	35.64#
0.00	0.00	0.00
0.00	0.00	0.00

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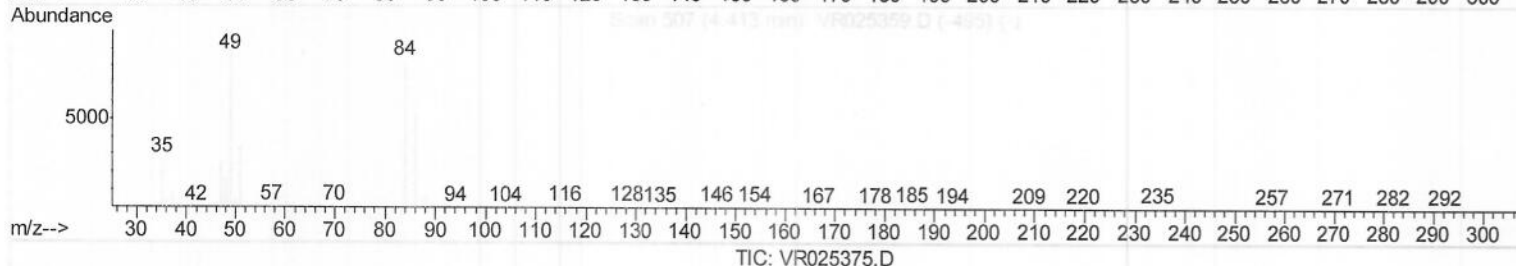
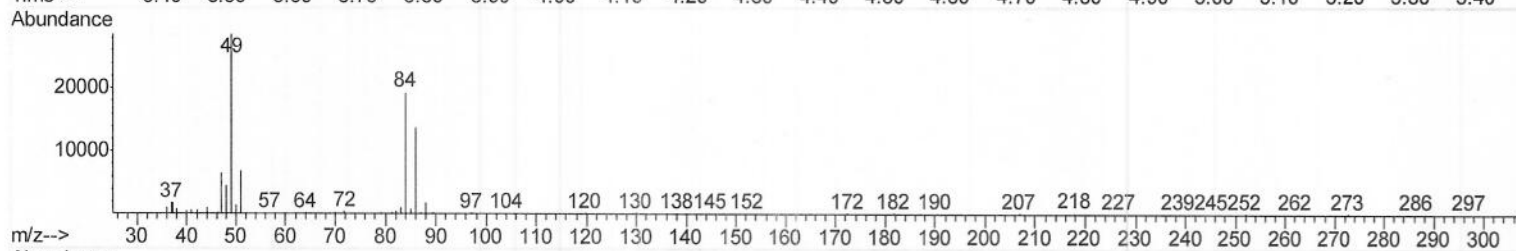
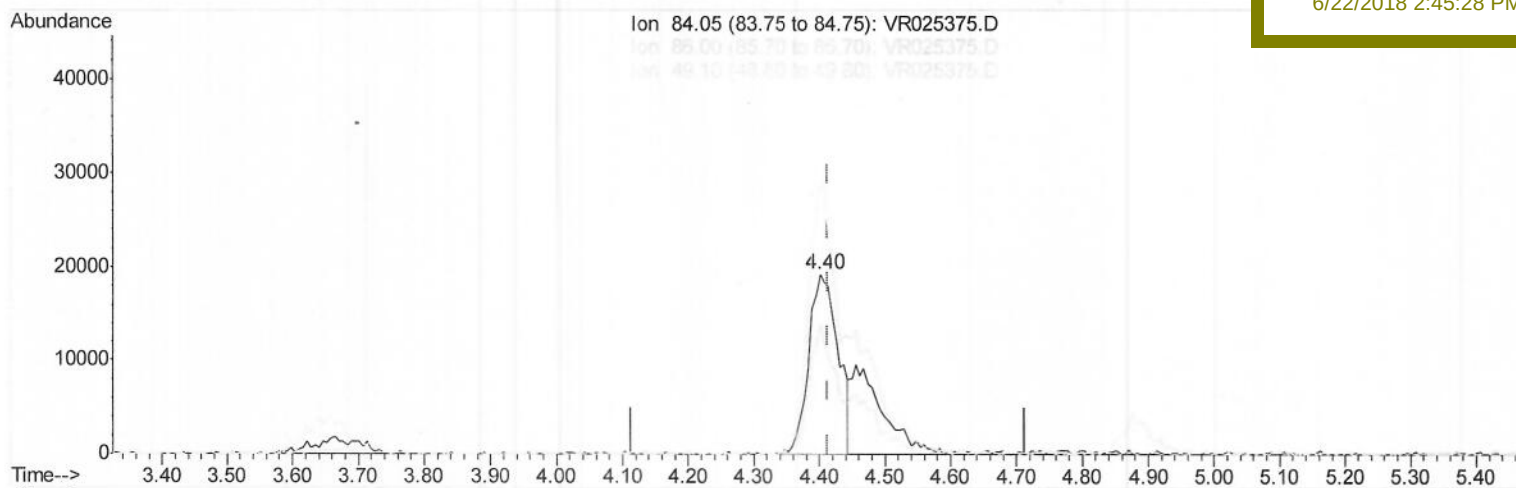
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(16) Methylene chloride (T)

4.401min (-0.012) 2.80ug/L

response 59981

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	71.58
49.10	124.60	148.48
0.00	0.00	0.00

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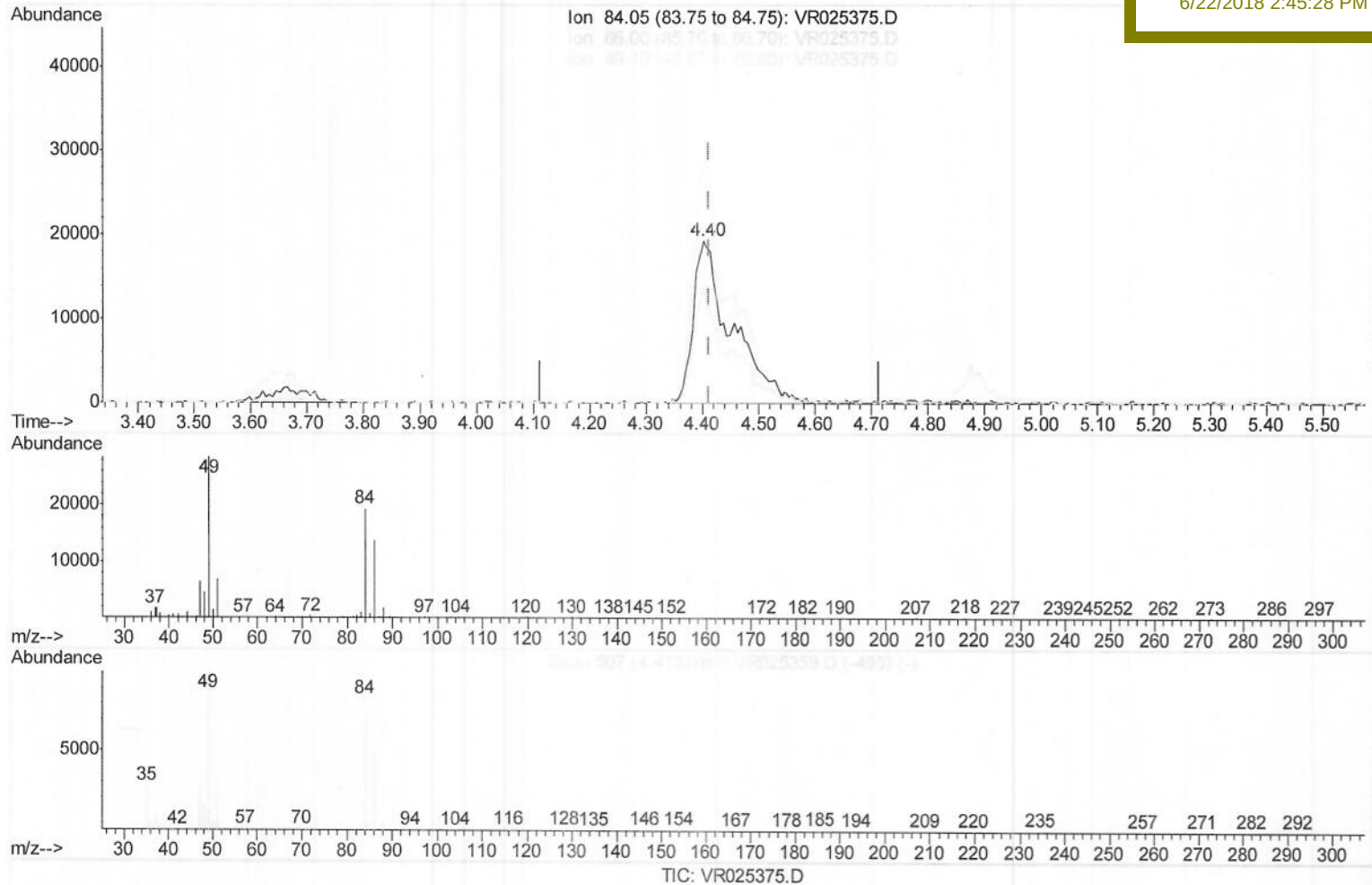
VSTD00591

Manual Integrations

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(16) Methylene chloride (T)

4.401min (-0.012) 4.27ug/L m

response 91630

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	71.58
49.10	124.60	148.48
0.00	0.00	0.00

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Quantitation Report (Qedit)

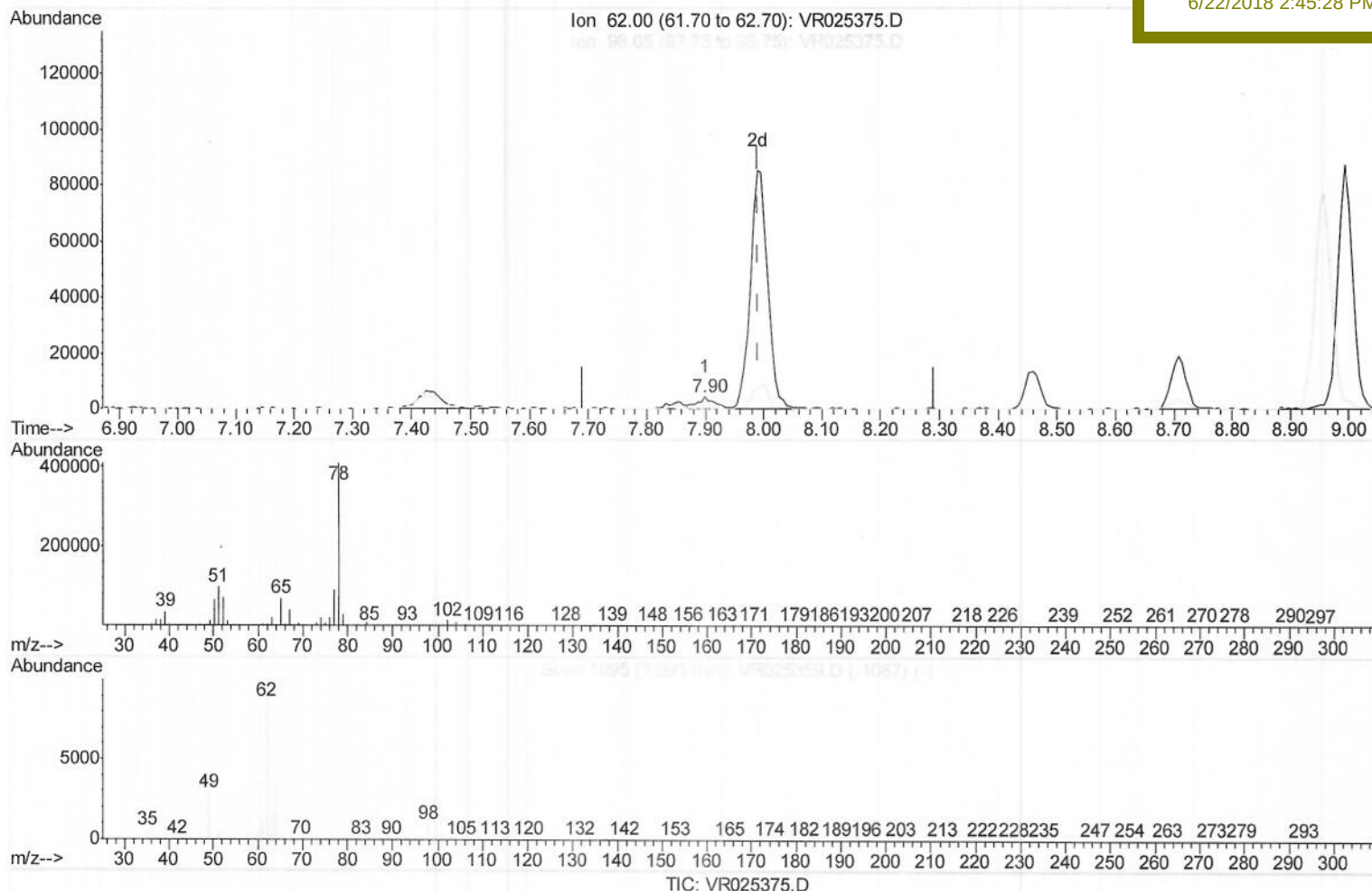
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Instrument :
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(27) 1,2-Dichloroethane (T)

7.899min (-0.091) 0.21ug/L

response 8120

Ion	Exp%	Act%
62.00	100	100
98.05	6.80	7.53
0.00	0.00	0.00
0.00	0.00	0.00

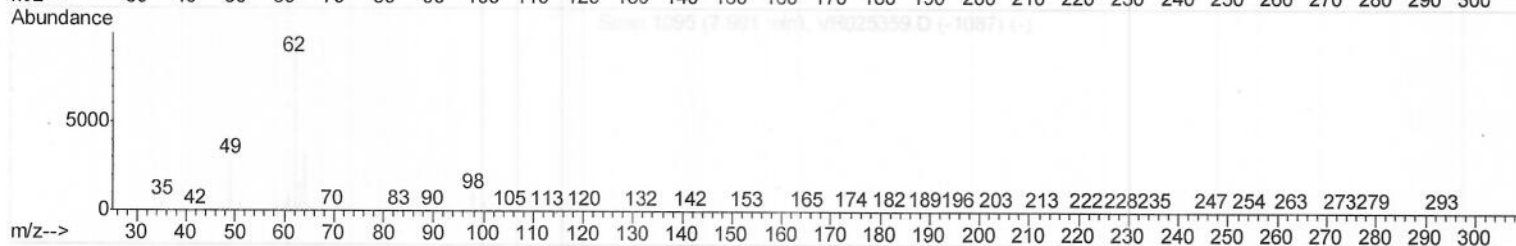
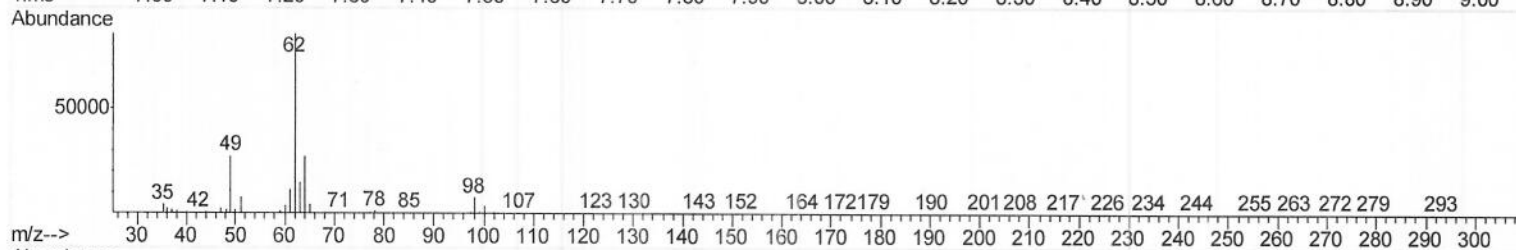
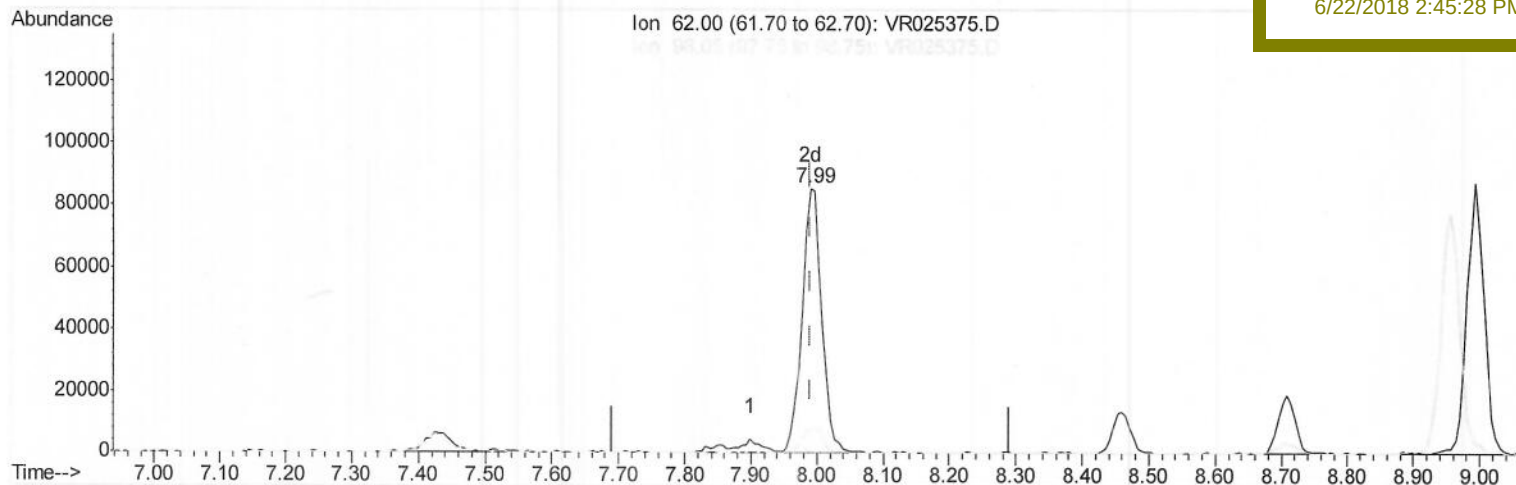
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TIC: VR025375.D

(27) 1,2-Dichloroethane (T)

7.990min (-0.000) 4.62ug/L m

response 175501

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Ion	Exp%	Act%
62.00	100	100
98.05	6.80	8.72#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	670378	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	549571	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	216162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	91972	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	80.60%		
7) Chloroethane-d5	2.64	69	71136	4.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.80%		
11) 1,1-Dichloroethene-d2	3.64	63	253623	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	86.40%		
20) 2-Butanone-d5	6.59	46	310692	50.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	101.52%		
24) Chloroform-d	7.20	84	426139	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	100.00%		
26) 1,2-Dichloroethane-d4	7.89	65	162017	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.20%		
32) Benzene-d6	7.86	84	904314	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.00%		
36) 1,2-Dichloropropane-d6	8.90	67	266031	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	100.60%		
41) Toluene-d8	9.97	98	804597	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.60%		
43) trans-1,3-Dichloropropene-	10.24	79	62315	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	88.40%		
46) 2-Hexanone-d5	10.59	63	264576	54.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	108.22%		
57) 1,1,2,2-Tetrachloroethane-	12.36	84	114824	5.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	111.40%		
64) 1,2-Dichlorobenzene-d4	13.51	152	172349	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	94.00%		

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	189259	4.368	ug/L	99
3) Chloromethane	2.01	50	114678	3.656	ug/L	98
5) Vinyl chloride	2.16	62	111185	4.005	ug/L	97
6) Bromomethane	2.53	94	52857	3.906	ug/L	97
8) Chloroethane	2.67	64	62206	4.293	ug/L	87
9) Trichlorofluoromethane	2.98	101	197587m	4.873	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	103632	4.357	ug/L #	74
12) 1,1-Dichloroethene	3.66	96	102525	4.351	ug/L	98
13) Acetone	3.70	43	124219	44.938	ug/L	97
14) Carbon disulfide	3.96	76	190205	3.836	ug/L	100
15) Methyl Acetate	4.19	43	28054	4.037	ug/L #	91
16) Methylene chloride	4.40	84	91630m	4.274	ug/L	
17) Methyl tert-butyl Ether	4.90	73	285272	4.061	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	229964	4.747	ug/L	91
19) 1,1-Dichloroethane	5.69	63	427606	4.698	ug/L	96
21) 2-Butanone	6.69	43	311034	47.606	ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	239612	4.740	ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	69082	4.666	ug/L	95
25) Chloroform	7.23	83	398182	4.786	ug/L	99
27) 1,2-Dichloroethane	7.99	62	175501m)	4.622	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	288151	4.414	ug/L	99
30) Cyclohexane	7.52	56	341064	4.093	ug/L	99
31) Carbon tetrachloride	7.64	117	259835	4.534	ug/L	99
33) Benzene	7.91	78	993112	4.602	ug/L	100
34) Trichloroethene	8.71	95	236096	4.523	ug/L	97
35) Methylcyclohexane	8.95	83	359886	4.369	ug/L	98
37) 1,2-Dichloropropane	8.99	63	229826	4.791	ug/L	100
38) Bromodichloromethane	9.28	83	211487	4.546	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	246264	4.359	ug/L	95
40) 4-Methyl-2-pentanone	9.86	43	716370	46.151	ug/L	98
42) Toluene	10.03	91	1017758	4.402	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	167374	4.307	ug/L	93
45) 1,1,2-Trichloroethane	10.44	97	105529	4.739	ug/L	97
47) Tetrachloroethene	10.51	164	157645	4.524	ug/L	96
48) 2-Hexanone	10.63	43	466620	47.159	ug/L	97
49) Dibromochloromethane	10.78	129	93118	4.343	ug/L	96
50) 1,2-Dibromoethane	10.89	107	79607	4.459	ug/L #	95
51) Chlorobenzene	11.31	112	567826	4.585	ug/L	99
52) Ethylbenzene	11.39	91	1121437	4.888	ug/L	98
53) m,p-Xylene	11.50	106	412688	4.712	ug/L	93
54) o-Xylene	11.83	106	376479	4.810	ug/L	93
55) Styrene	11.85	104	599038	4.980	ug/L	93
56) Isopropylbenzene	12.13	105	1048398	4.982	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	100839	4.890	ug/L	92
59) 1,2,3-Trichloropropane	12.44	75	68613	4.610	ug/L	97
61) Bromoform	12.01	173	27990	3.631	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	336694	4.438	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	360438	4.752	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	288518	4.746	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	9167	3.816	ug/L #	74
67) 1,3,5-Trichlorobenzene	14.29	180	237006	4.717	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	156645	4.479	ug/L	98
69) Naphthalene	15.00	128	196343	4.313	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	131160	4.846	ug/L	99

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

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