

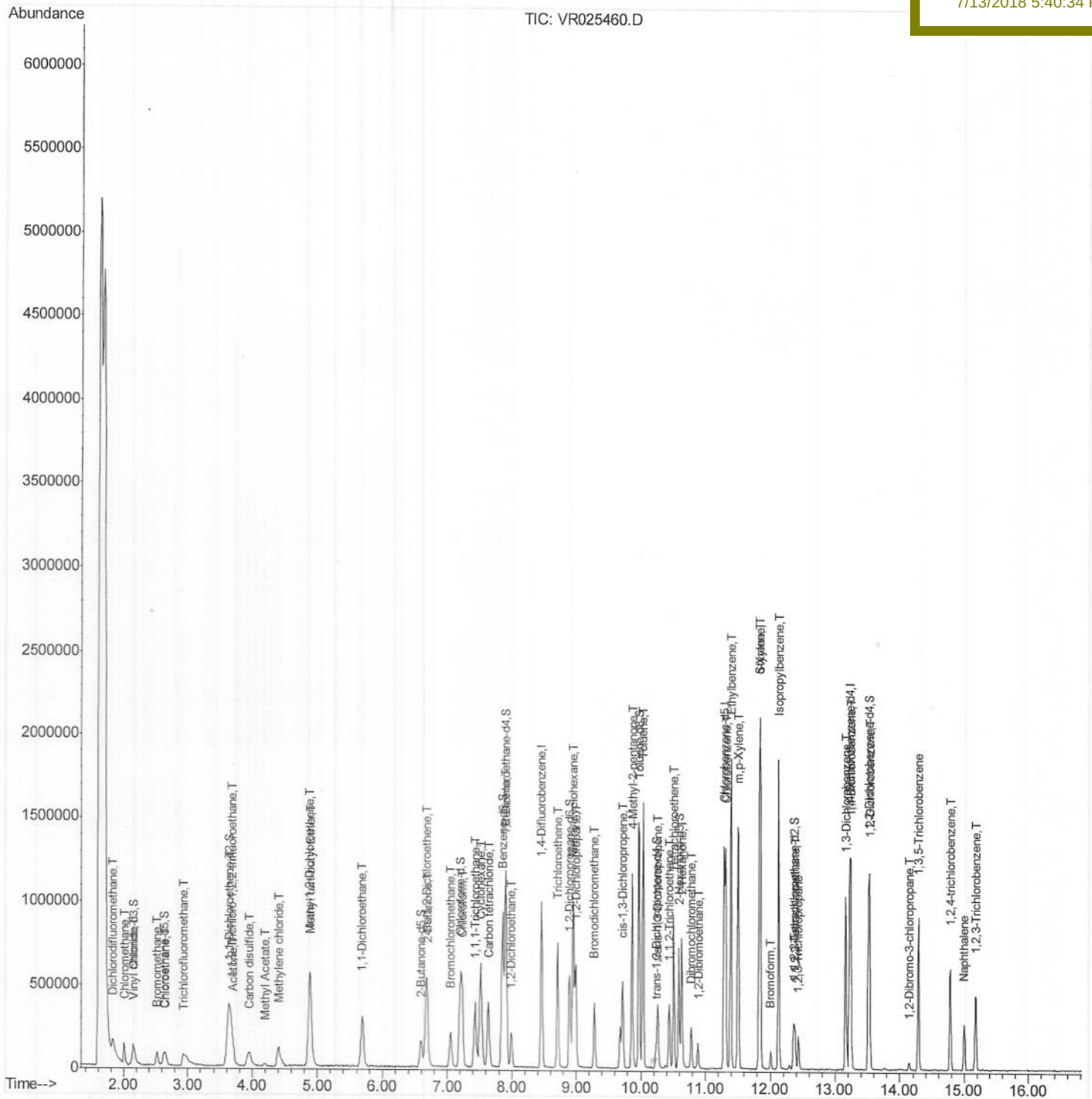
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071218\
 Data File : VR025460.D
 Acq On : 12 Jul 2018 19:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTD00589

Quant Time: Jul 13 01:29:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 00:37:37 2018
 Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

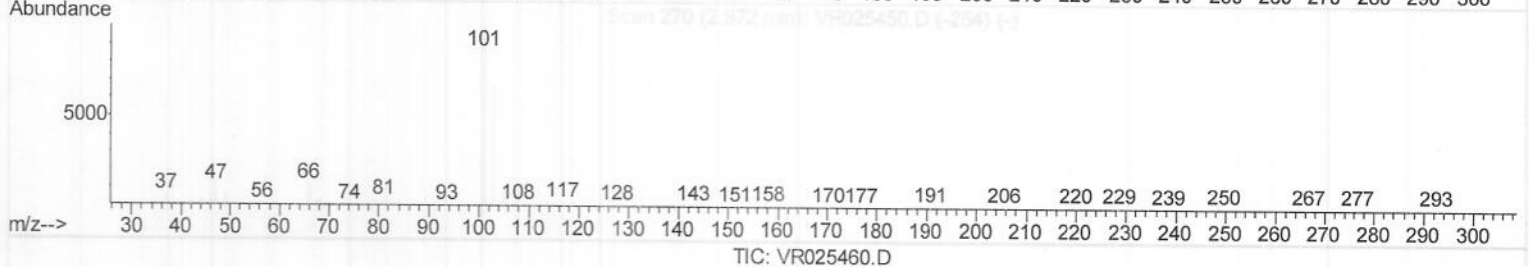
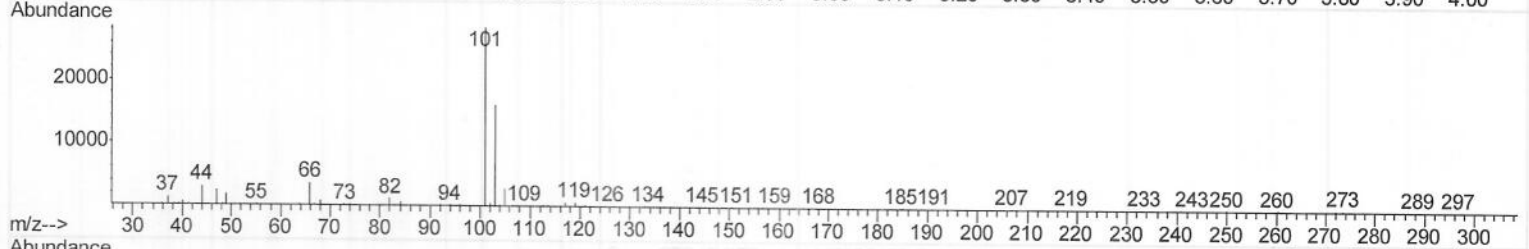
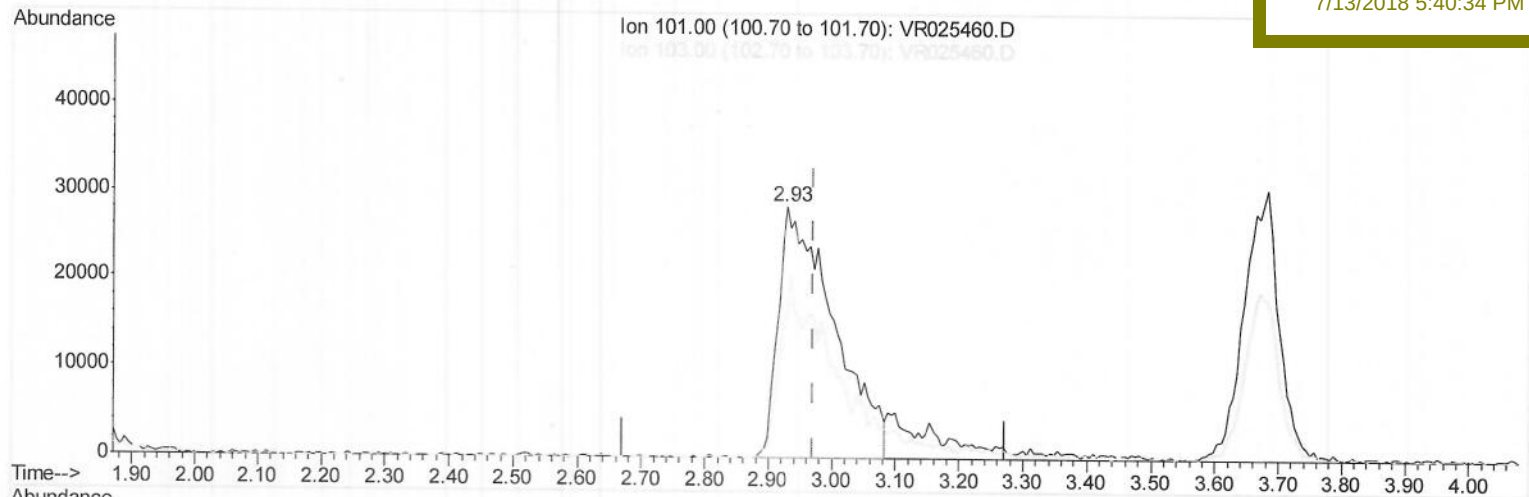
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(9) Trichlorofluoromethane (T)

2.929min (-0.043) 4.49ug/L

response 171024

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	26.63#
0.00	0.00	0.00
0.00	0.00	0.00

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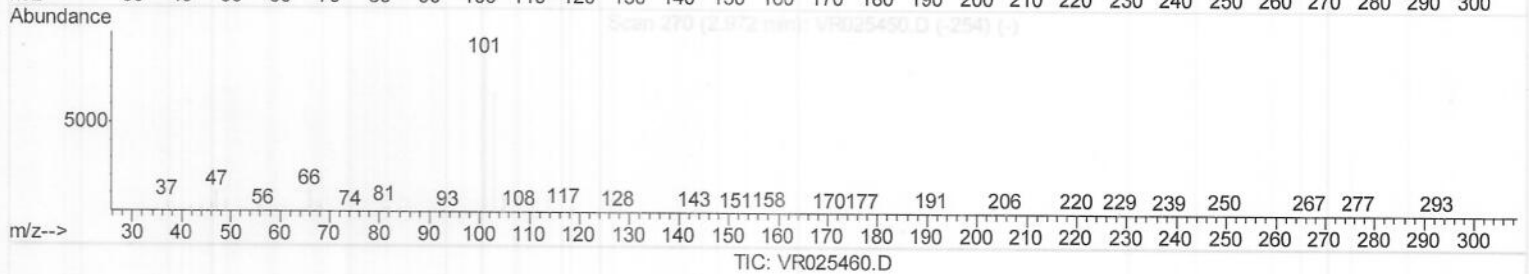
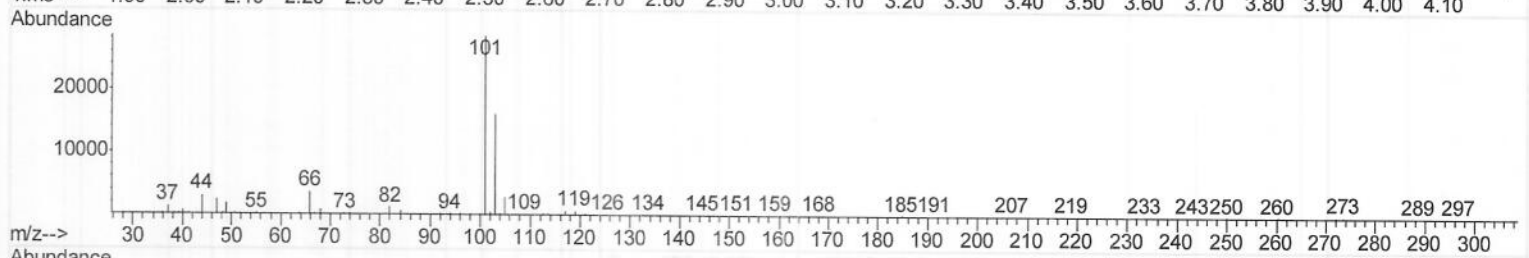
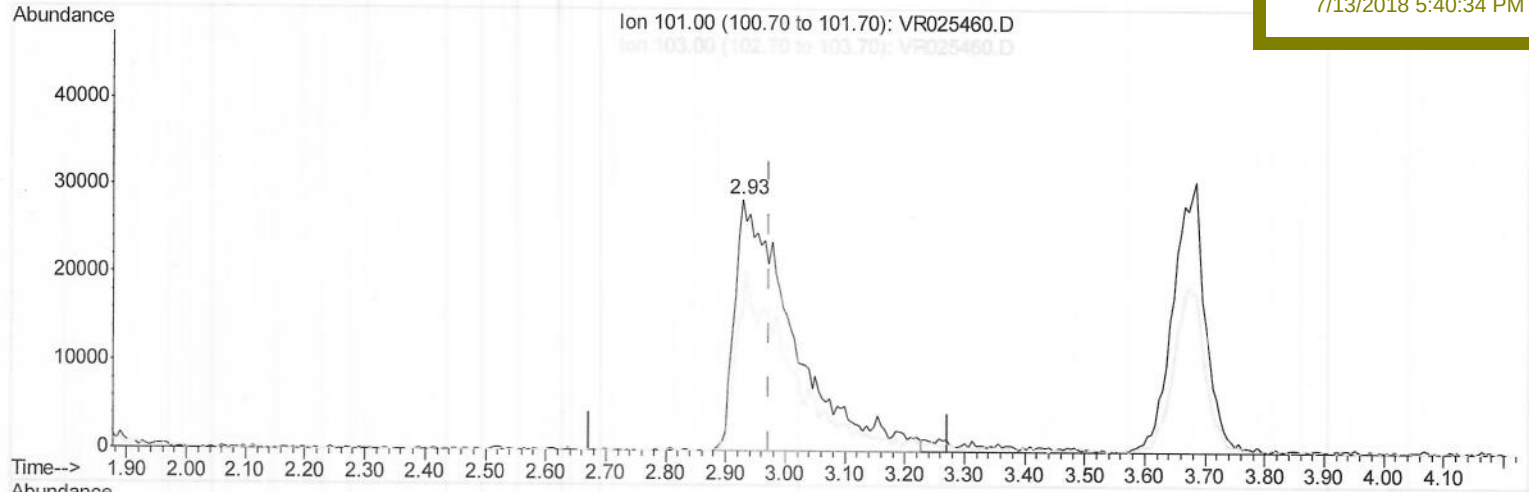
VSTD00589

Manual Integrations

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(9) Trichlorofluoromethane (T)

2.929min (-0.043) 5.12ug/L m

response 194935

Ion Exp% Act%

101.00 100 100

103.00 13.70 23.36#

0.00 0.00 0.00

0.00 0.00 0.00

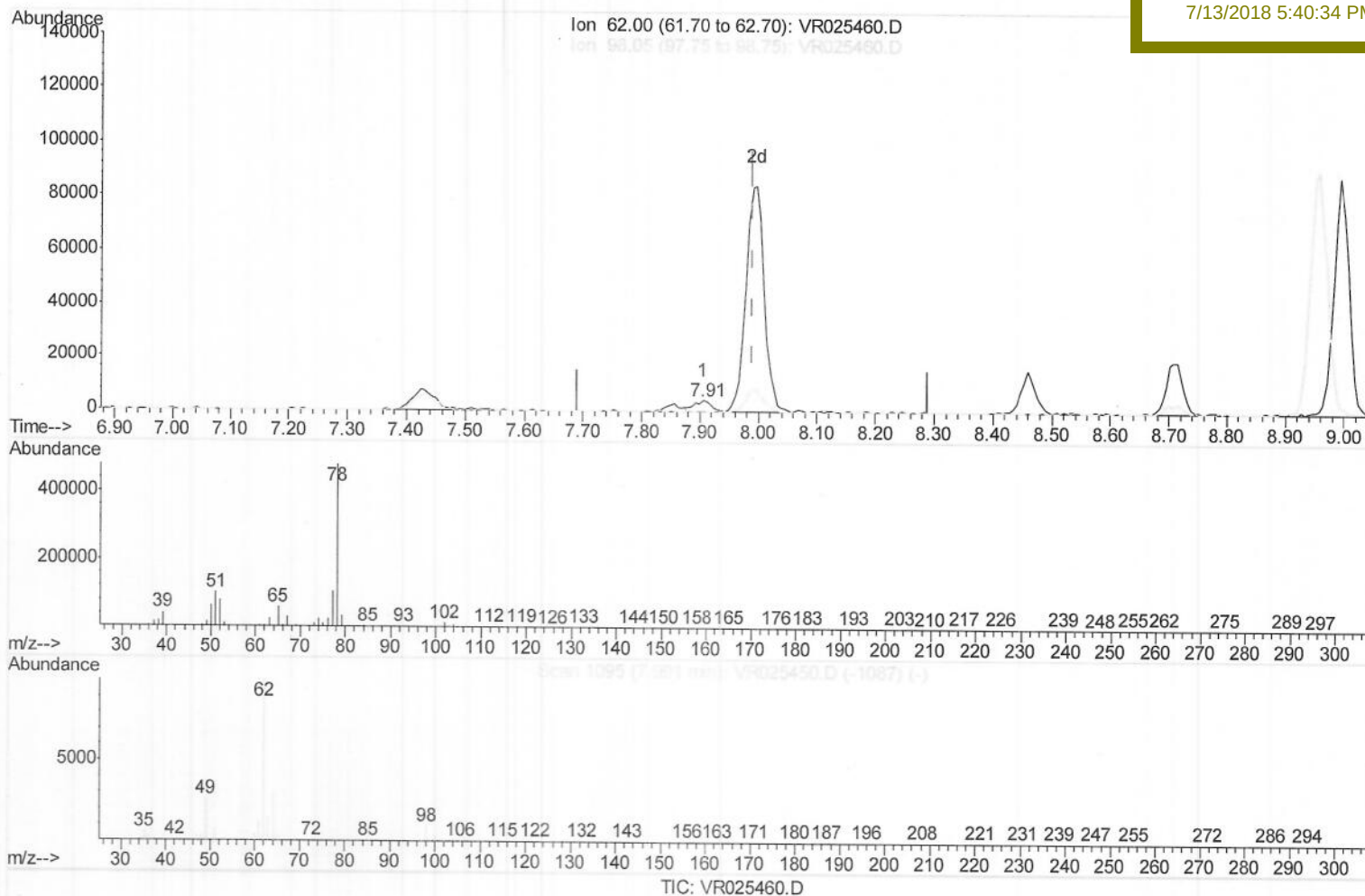
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(27) 1,2-Dichloroethane (T)

7.905min (-0.085) 0.20ug/L

response 8348

Ion	Exp%	Act%
62.00	100	100
98.05	6.80	6.79
0.00	0.00	0.00
0.00	0.00	0.00

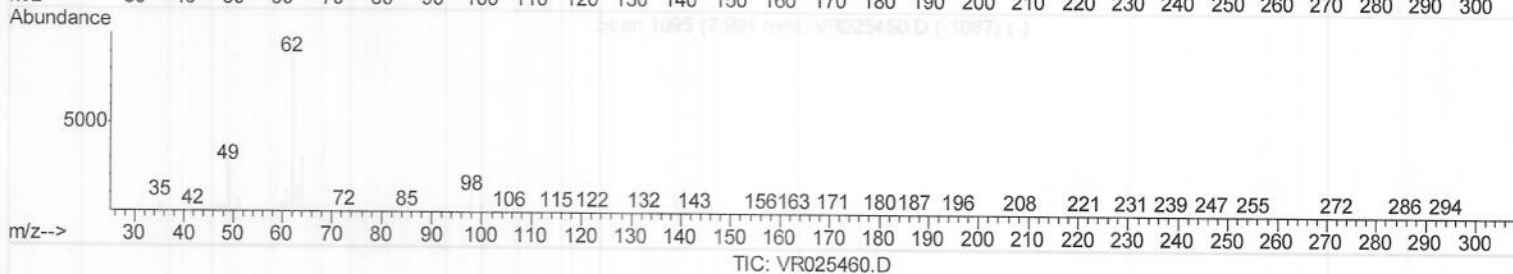
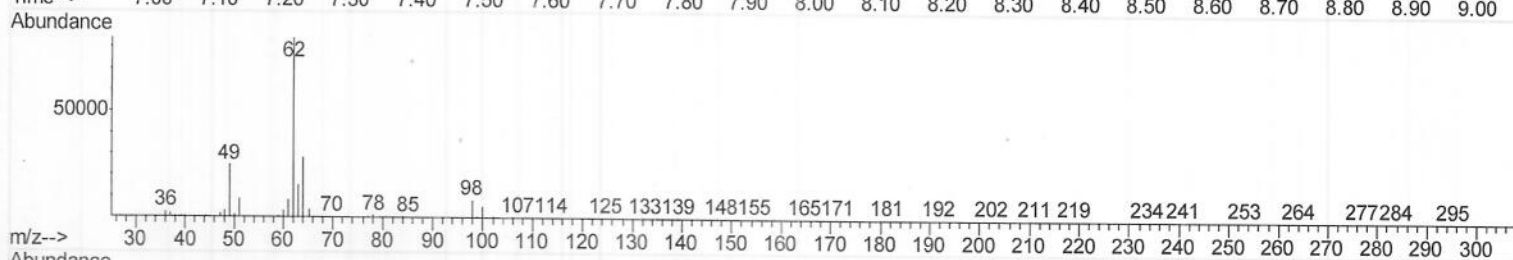
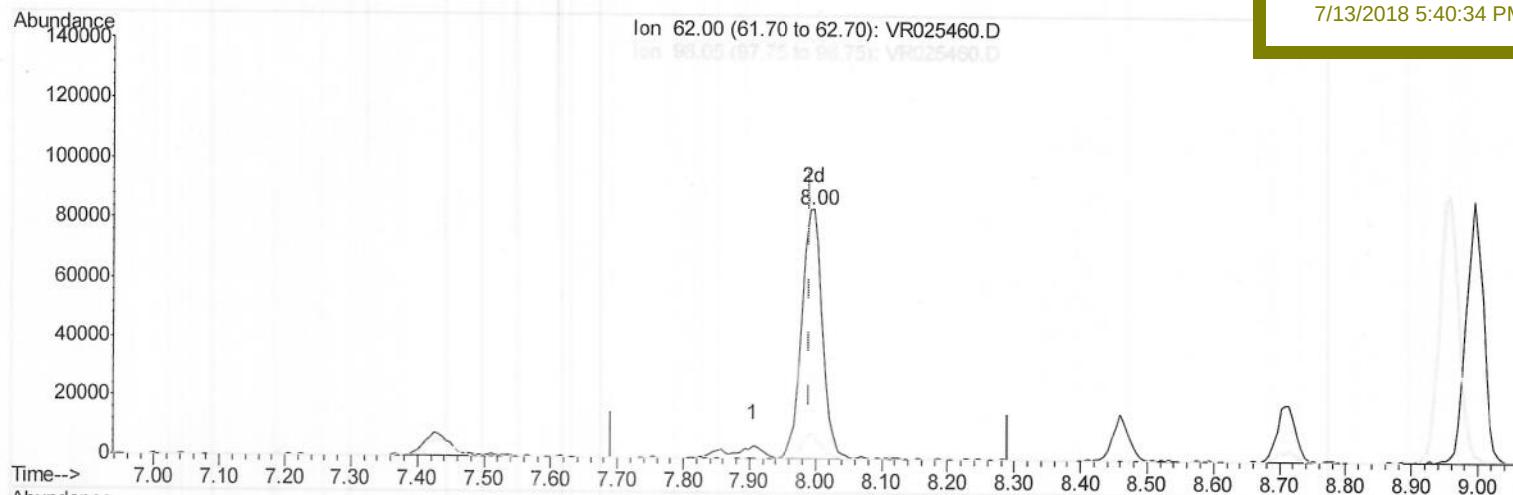
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(27) 1,2-Dichloroethane (T)

7.997min (+0.006) 4.34ug/L m)

response 184617

MD
 07/23/18

Ion	Exp%	Act%
62.00	100	100
98.05	6.80	9.93#
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	774862	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	623555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	248946	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	112918	5.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	105.80%		
7) Chloroethane-d5	2.62	69	83805	4.60	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.00%		
11) 1,1-Dichloroethene-d2	3.63	63	310389	4.80	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery =	96.00%		
20) 2-Butanone-d5	6.59	46	280815	42.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	84.64%		
24) Chloroform-d	7.20	84	460474	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.20%		
26) 1,2-Dichloroethane-d4	7.89	65	170839	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	84.40%		
32) Benzene-d6	7.86	84	1014721	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.20%		
36) 1,2-Dichloropropane-d6	8.90	67	267093	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	88.20%		
41) Toluene-d8	9.97	98	903517	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	98.60%		
43) trans-1,3-Dichloropropene-	10.24	79	73234	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	91.20%		
46) 2-Hexanone-d5	10.59	63	231524	44.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	89.32%		
57) 1,1,2,2-Tetrachloroethane-	12.36	84	116276	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	86.00%		
64) 1,2-Dichlorobenzene-d4	13.51	152	184085	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.60%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	212146	4.846 ug/L	99
3) Chloromethane	2.00	50	127649	4.919 ug/L	100
5) Vinyl chloride	2.16	62	117159	5.025 ug/L	95
6) Bromomethane	2.52	94	65452	4.771 ug/L	97
8) Chloroethane	2.66	64	68636	4.728 ug/L	97
9) Trichlorofluoromethane	2.93	101	194935m)	5.117 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	117686	5.075 ug/L	98
12) 1,1-Dichloroethene	3.65	96	113595	4.904 ug/L	94
13) Acetone	3.70	43	131119	43.863 ug/L	99
14) Carbon disulfide	3.96	76	278112	5.276 ug/L	100
15) Methyl Acetate	4.19	43	29201	4.366 ug/L	95
16) Methylene chloride	4.40	84	98329	4.333 ug/L	95
17) Methyl tert-butyl Ether	4.90	73	326788	4.328 ug/L	100
18) trans-1,2-Dichloroethene	4.88	96	273022	4.738 ug/L	92
19) 1,1-Dichloroethane	5.69	63	452543	4.578 ug/L	98
21) 2-Butanone	6.69	43	301105	43.242 ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	260702	4.930 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	76473	4.491	ug/L	97
25) Chloroform	7.24	83	432536	4.555	ug/L	92
27) 1,2-Dichloroethane	8.00	62	184617m	4.337	ug/L	
29) 1,1,1-Trichloroethane	7.43	97	315638	4.977	ug/L	99
30) Cyclohexane	7.52	56	381814	5.611	ug/L	95
31) Carbon tetrachloride	7.64	117	293443	5.230	ug/L	97
33) Benzene	7.91	78	1057419	4.920	ug/L	100
34) Trichloroethene	8.71	95	258206	4.719	ug/L	95
35) Methylcyclohexane	8.96	83	419085	5.729	ug/L	98
37) 1,2-Dichloropropane	8.99	63	227162	4.547	ug/L	99
38) Bromodichloromethane	9.28	83	235691	4.629	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	276048	4.914	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	691920	47.790	ug/L	96
42) Toluene	10.03	91	1070082	5.120	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	193647	4.694	ug/L	95
45) 1,1,2-Trichloroethane	10.44	97	110161	4.500	ug/L	97
47) Tetrachloroethene	10.52	164	177033	4.955	ug/L	98
48) 2-Hexanone	10.64	43	463705	46.559	ug/L	95
49) Dibromochloromethane	10.78	129	115444	4.523	ug/L	100
50) 1,2-Dibromoethane	10.89	107	90757	4.577	ug/L #	97
51) Chlorobenzene	11.31	112	596790	4.689	ug/L	97
52) Ethylbenzene	11.39	91	1164254	5.195	ug/L	97
53) m,p-Xylene	11.50	106	437142	5.198	ug/L	97
54) o-Xylene	11.83	106	391159	5.399	ug/L	99
55) Styrene	11.84	104	634839	5.326	ug/L	99
56) Isopropylbenzene	12.13	105	1078141	5.620	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	106781	4.429	ug/L #	95
59) 1,2,3-Trichloropropane	12.43	75	73781	4.251	ug/L	100
61) Bromoform	12.01	173	42520	4.194	ug/L	92
62) 1,3-Dichlorobenzene	13.16	146	353518	4.847	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	377141	4.657	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	300607	4.742	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	10823	3.860	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.29	180	231352	4.857	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	153136	4.676	ug/L	100
69) Naphthalene	15.00	128	193159	4.606	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	121958	4.829	ug/L	99

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