

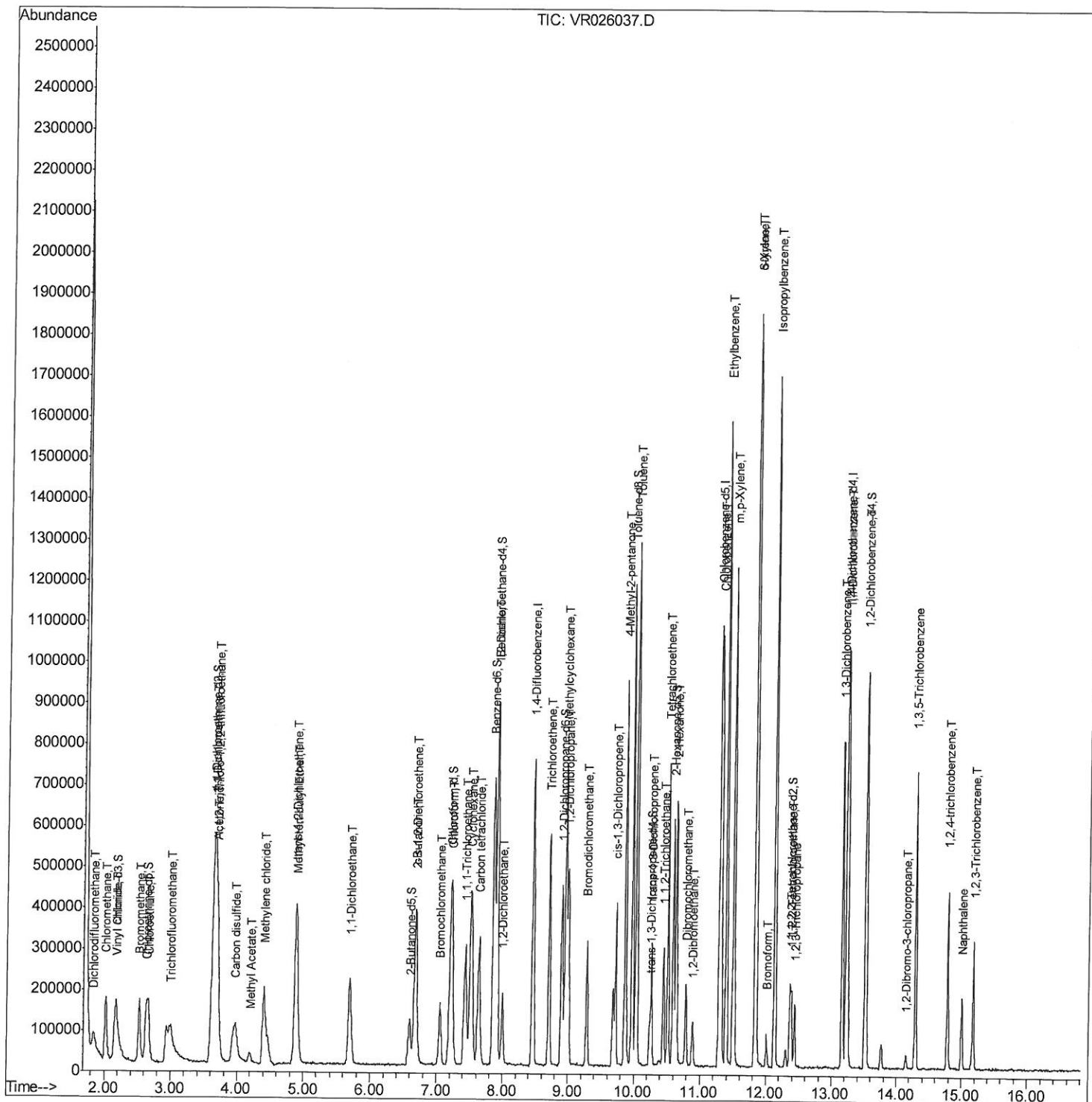
Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
Data File : VR026037.D
Acq On : 11 Oct 2018 9:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
LabSampleId :
VSTD00596

Manual Integrations
APPROVED

MMDadoda
10/12/2018 12:20:31 PM

Quant Time: Oct 12 08:06:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

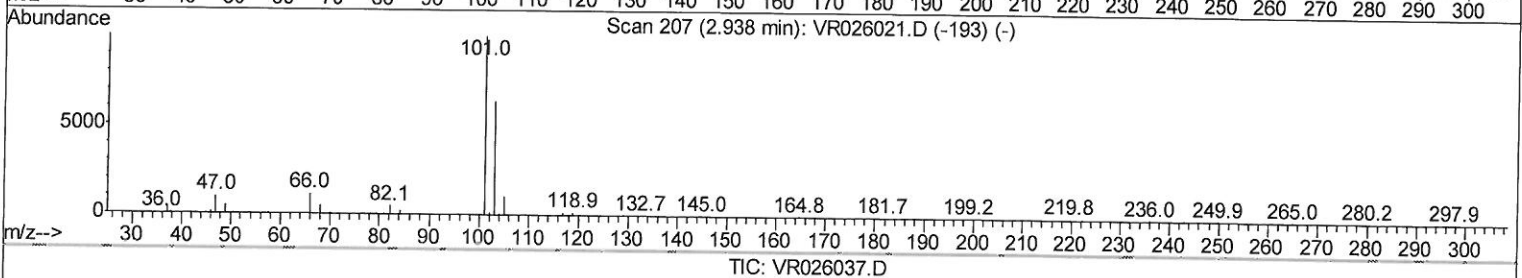
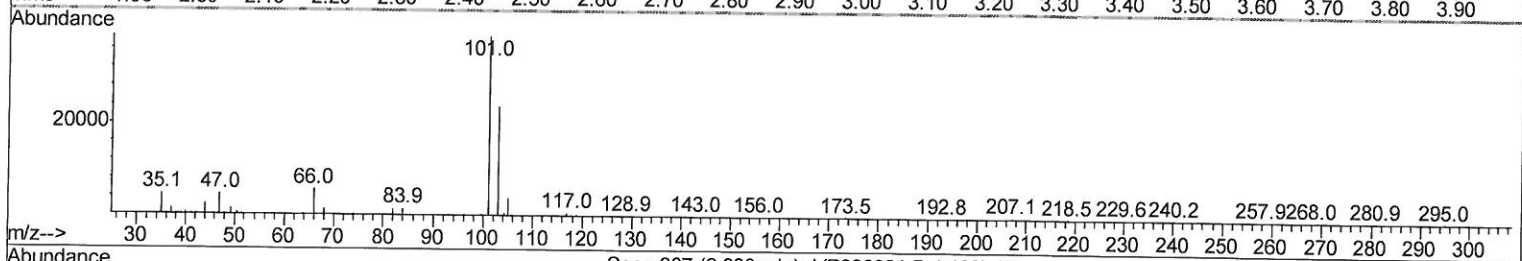
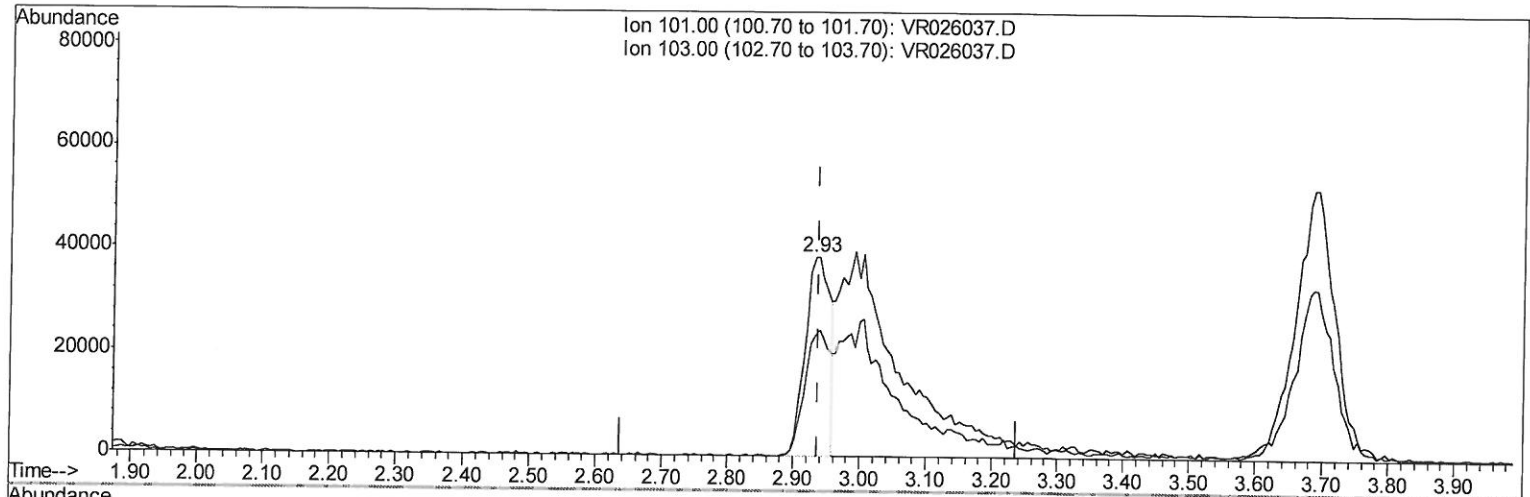
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TIC: VR026037.D

(9) Trichlorofluoromethane (T)

2.932min (-0.006) 1.61ug/L

response 98595

Ion	Exp%	Act%
101.00	100	100
103.00	27.60	72.01#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

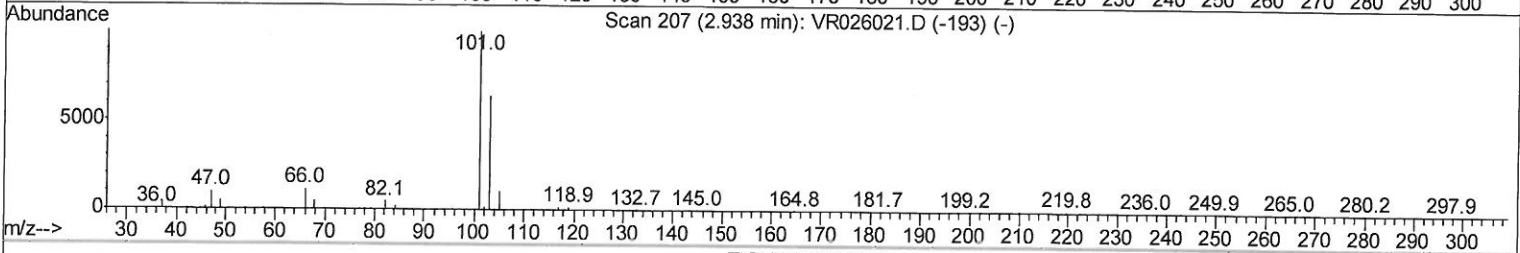
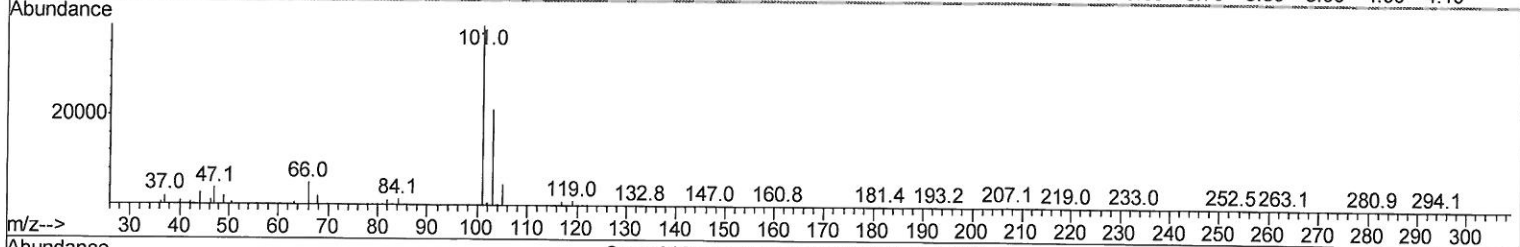
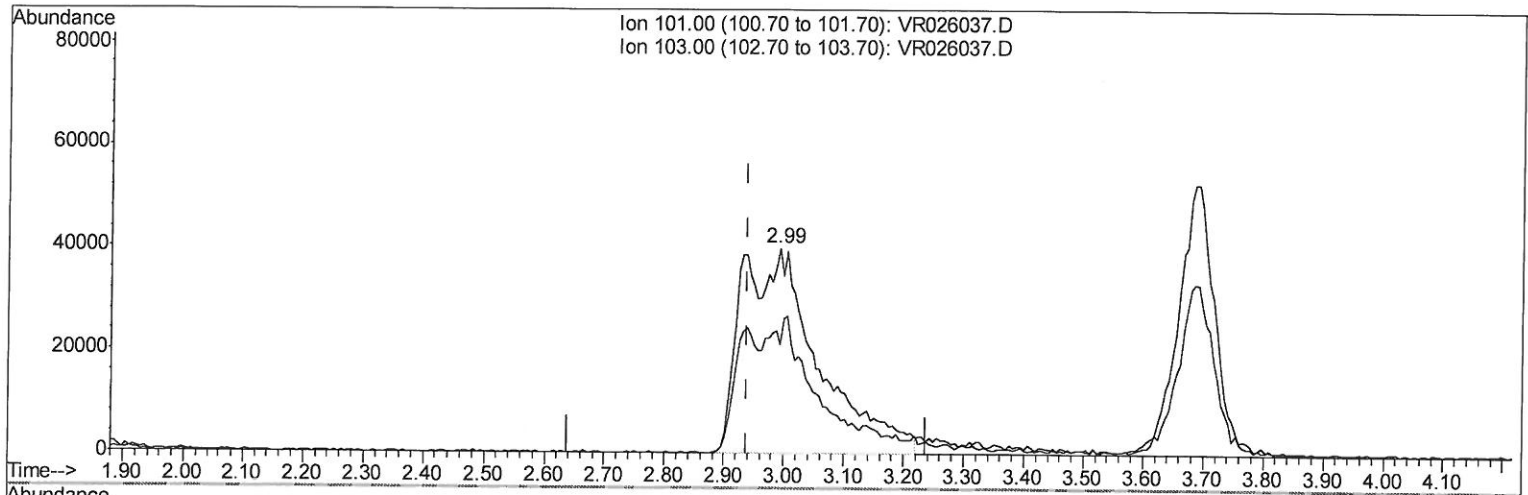
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TIC: VR026037.D

(9) Trichlorofluoromethane (T)

2.993min (+0.055) 5.81ug/L m

>10/12/18 sy

response 354973

Ion	Exp%	Act%
101.00	100	100
103.00	27.60	20.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

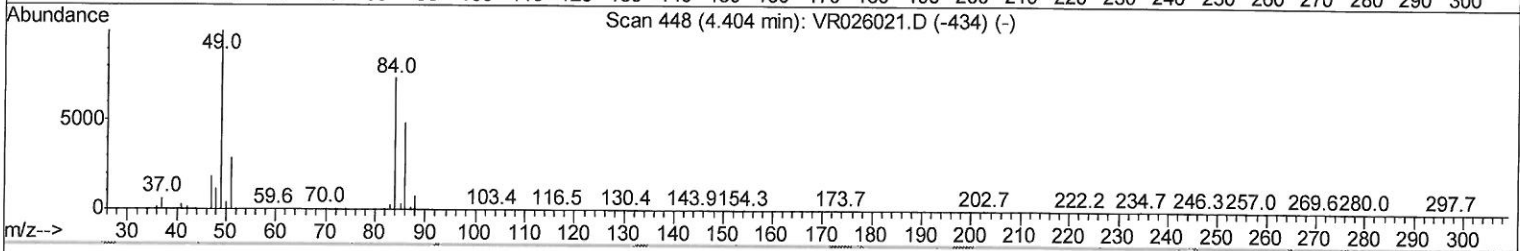
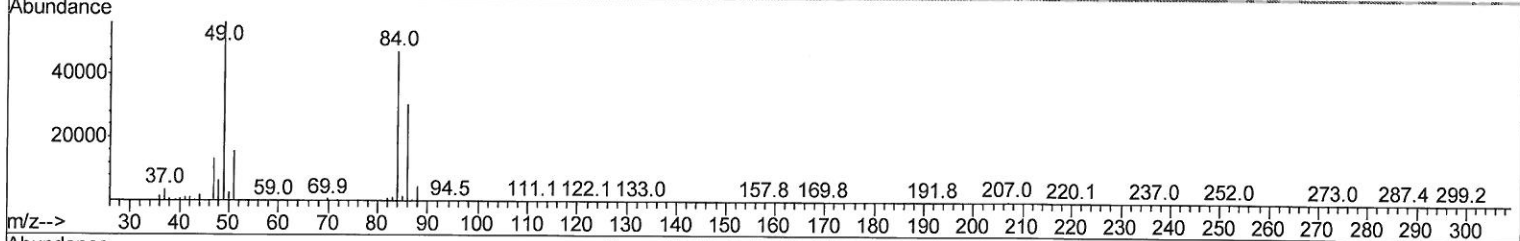
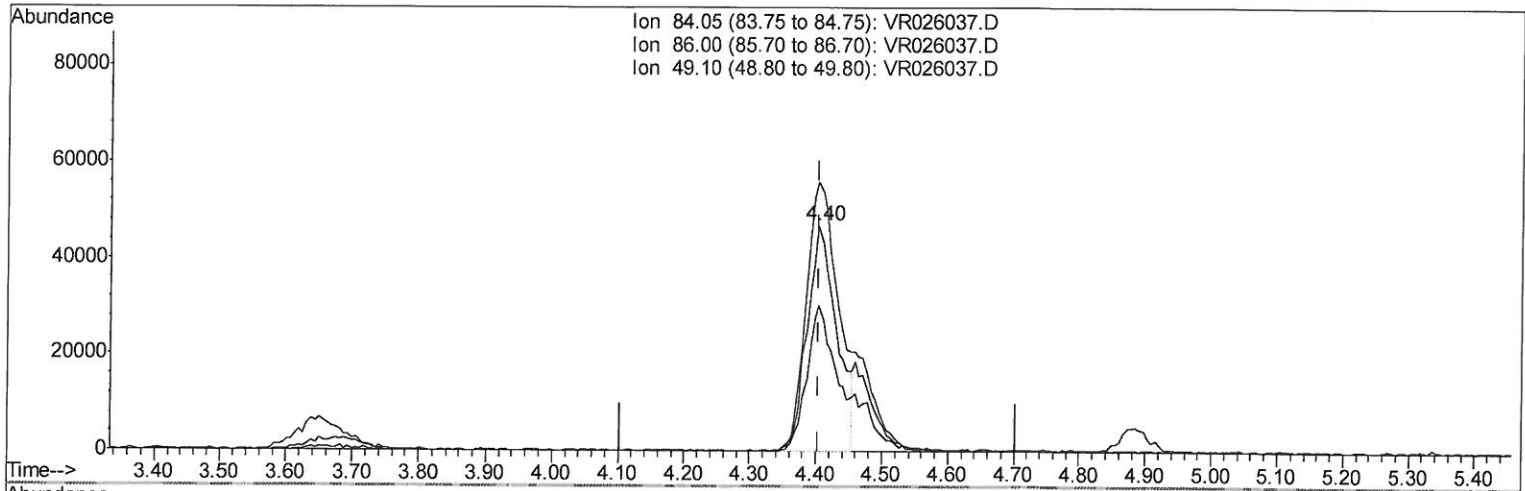
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TIC: VR026037.D

(16) Methylene chloride (T)

4.404min (-0.000) 4.05ug/L

response 143986

Ion	Exp%	Act%
84.05	100	100
86.00	61.60	64.41
49.10	136.40	119.52
0.00	0.00	0.00

Quantitation Report (Qedit)

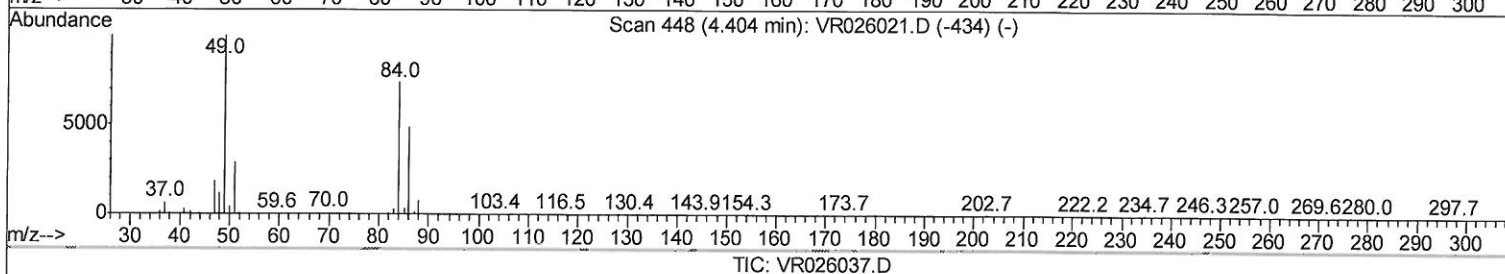
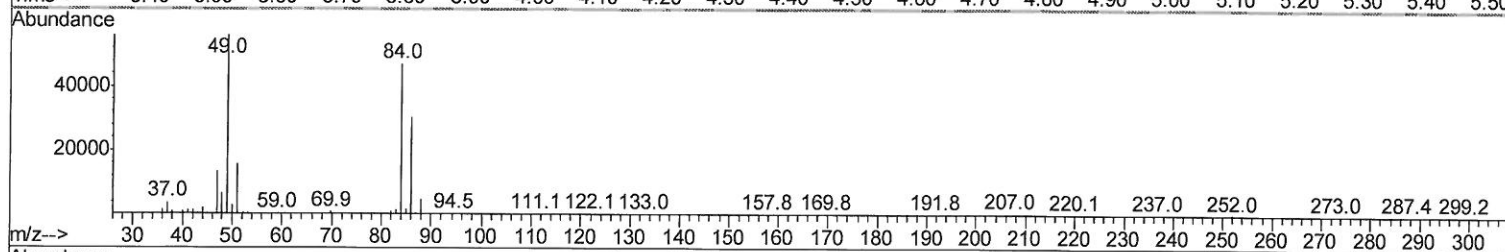
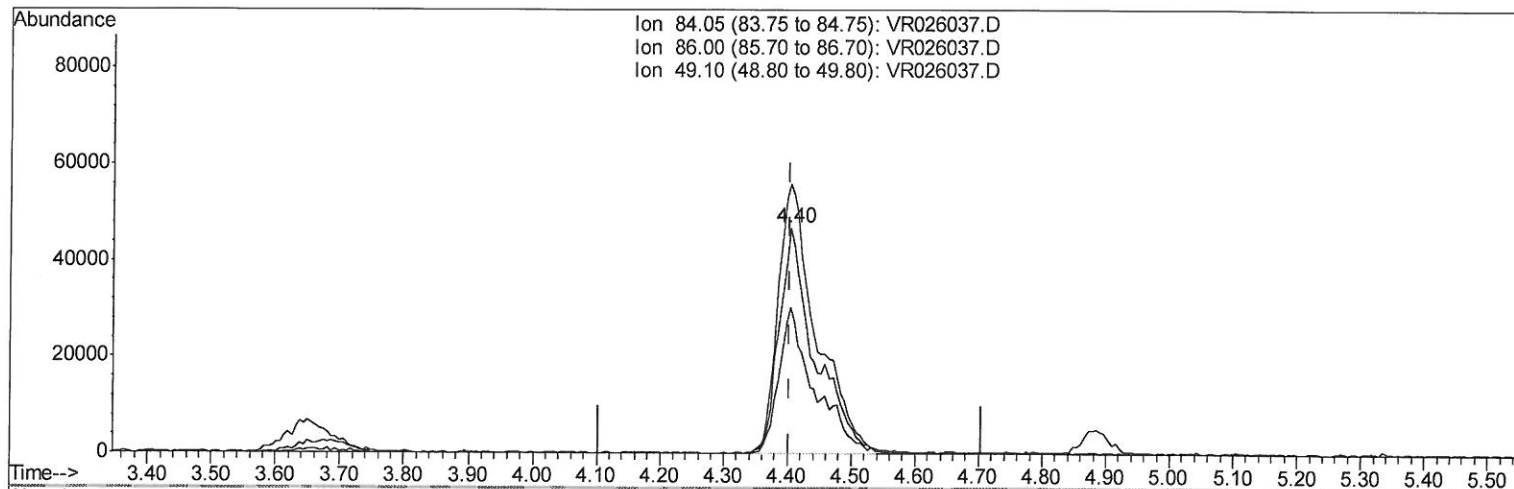
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TIC: VR026037.D

(16) Methylene chloride (T)

4.404min (-0.000) 5.12ug/L m

response 181894

Ion	Exp%	Act%
84.05	100	100
86.00	61.60	64.41
49.10	136.40	119.52
0.00	0.00	0.00

10/12/18 sy

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	511551	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	447923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	175299	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	203463	5.04	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery	=	100.80%	
7) Chloroethane-d5	2.63	69	176435	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery	=	107.00%	
11) 1,1-Dichloroethene-d2	3.64	63	476963	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery	=	100.60%	
20) 2-Butanone-d5	6.59	46	208095	46.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery	=	92.54%	
24) Chloroform-d	7.20	84	340185	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery	=	96.80%	
26) 1,2-Dichloroethane-d4	7.90	65	148004	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	98.00%	
32) Benzene-d6	7.86	84	677416	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery	=	90.80%	
36) 1,2-Dichloropropane-d6	8.90	67	181743	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery	=	90.40%	
41) Toluene-d8	9.97	98	652875	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	93.20%	
43) trans-1,3-Dichloropropene-	10.24	79	46006	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery	=	101.00%	
46) 2-Hexanone-d5	10.59	63	174302	50.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery	=	100.24%	
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77338	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery	=	94.80%	
64) 1,2-Dichlorobenzene-d4	13.52	152	128442	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery	=	91.60%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	131088	4.216 ug/L	99
3) Chloromethane	2.02	50	221437	5.008 ug/L	96
5) Vinyl chloride	2.17	62	221060	5.023 ug/L	96
6) Bromomethane	2.53	94	134930	4.911 ug/L	94
8) Chloroethane	2.67	64	138228	5.521 ug/L	95
9) Trichlorofluoromethane	2.99	101	354973m	5.809 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	213926	5.728 ug/L	95
12) 1,1-Dichloroethene	3.66	96	206260	5.341 ug/L	81
13) Acetone	3.70	43	191741	58.825 ug/L	96
14) Carbon disulfide	3.97	76	411458	4.401 ug/L	99
15) Methyl Acetate	4.19	43	49704	5.500 ug/L	96
16) Methylene chloride	4.40	84	181894m	5.122 ug/L	
17) Methyl tert-butyl Ether	4.90	73	218893	5.119 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	150501	4.712 ug/L	92
19) 1,1-Dichloroethane	5.69	63	313428	4.957 ug/L	98
21) 2-Butanone	6.69	43	225222	50.236 ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	155989	4.854 ug/L	96

10/12/18 d21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	43540	4.994	ug/L	91
25) Chloroform	7.23	83	315816	5.129	ug/L	93
27) 1,2-Dichloroethane	7.99	62	158158	5.147	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	259739	5.157	ug/L	97
30) Cyclohexane	7.52	56	264426	4.201	ug/L	96
31) Carbon tetrachloride	7.64	117	239942	5.501	ug/L	100
33) Benzene	7.91	78	711761	4.738	ug/L	100
34) Trichloroethene	8.71	95	181400	4.582	ug/L	87
35) Methylcyclohexane	8.95	83	270078	4.537	ug/L	97
37) 1,2-Dichloropropane	8.99	63	155576	4.827	ug/L #	98
38) Bromodichloromethane	9.28	83	180195	5.182	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	193065	5.342	ug/L	95
40) 4-Methyl-2-pentanone	9.87	43	580909	51.258	ug/L	98
42) Toluene	10.04	91	783452	5.018	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	136611	5.790	ug/L	98
45) 1,1,2-Trichloroethane	10.45	97	72414	4.967	ug/L	97
47) Tetrachloroethene	10.51	164	125729	5.154	ug/L	89
48) 2-Hexanone	10.63	43	387645	52.242	ug/L	99
49) Dibromochloromethane	10.79	129	80842	5.464	ug/L	99
50) 1,2-Dibromoethane	10.89	107	58256	5.064	ug/L #	96
51) Chlorobenzene	11.32	112	430031	5.193	ug/L	94
52) Ethylbenzene	11.39	91	916419	5.143	ug/L	99
53) m,p-Xylene	11.50	106	335383	5.287	ug/L	93
54) o-Xylene	11.83	106	310558	5.259	ug/L	93
55) Styrene	11.84	104	495550	5.392	ug/L	91
56) Isopropylbenzene	12.13	105	893567	5.487	ug/L	98
58) 1,1,1,2-Tetrachloroethane	12.39	83	72121	5.134	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	53498	5.117	ug/L	98
61) Bromoform	12.01	173	28431	5.365	ug/L #	95
62) 1,3-Dichlorobenzene	13.16	146	252158	4.922	ug/L	90
63) 1,4-Dichlorobenzene	13.24	146	268321	5.120	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	211518	5.138	ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.14	75	8740	5.049	ug/L	91
67) 1,3,5-Trichlorobenzene	14.29	180	158086	5.180	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	97568	5.015	ug/L	97
69) Naphthalene	15.00	128	112232	4.520	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	70484	5.222	ug/L	98

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