

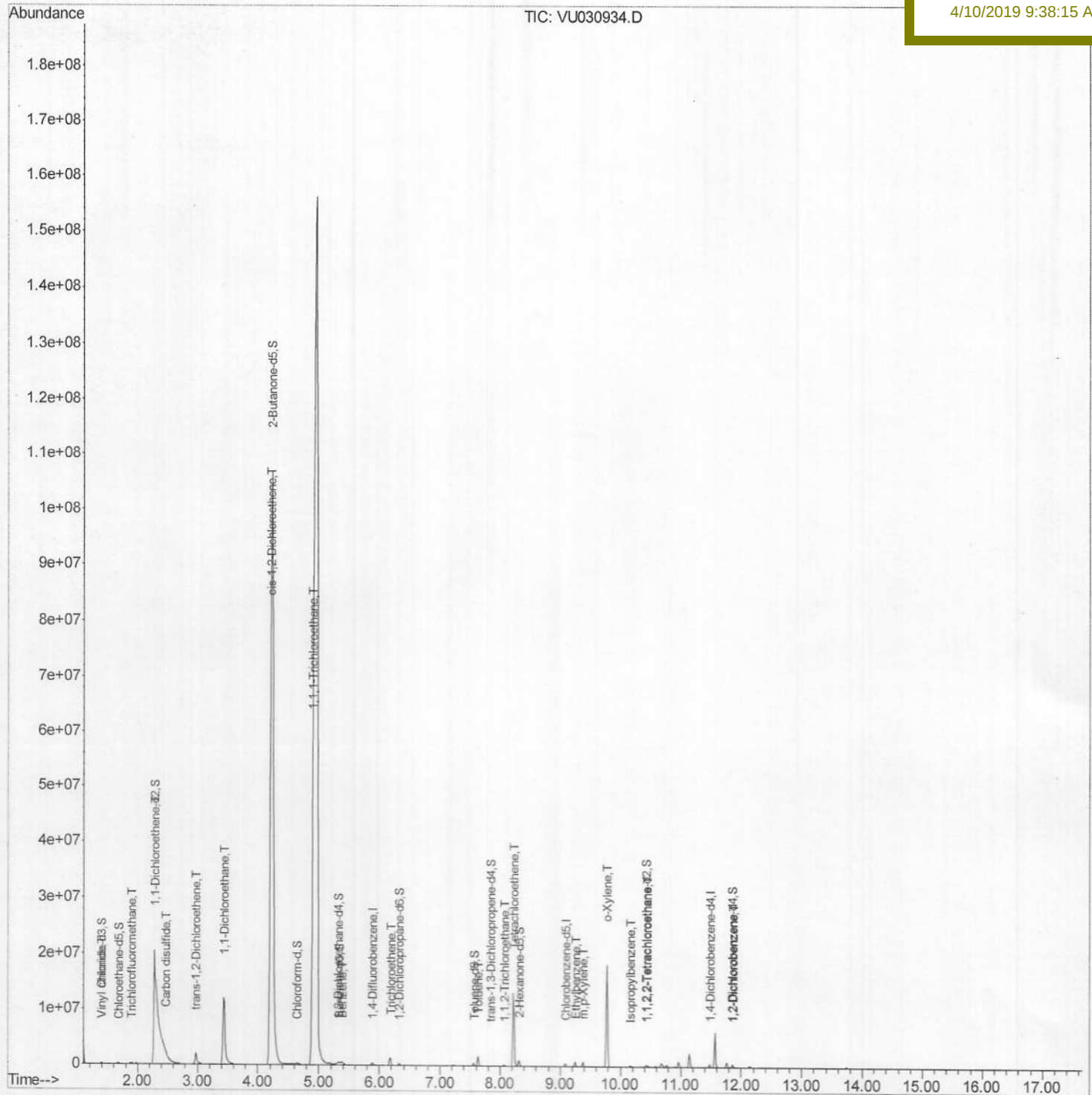
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
Data File : VU030934.D
Acq On : 09 Apr 2019 03:02
Operator : JC/SP
Sample : K2248-21
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 09 15:11:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 03:34:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E3YD4

Manual Integrations
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4/10/2019 9:38:15 AM



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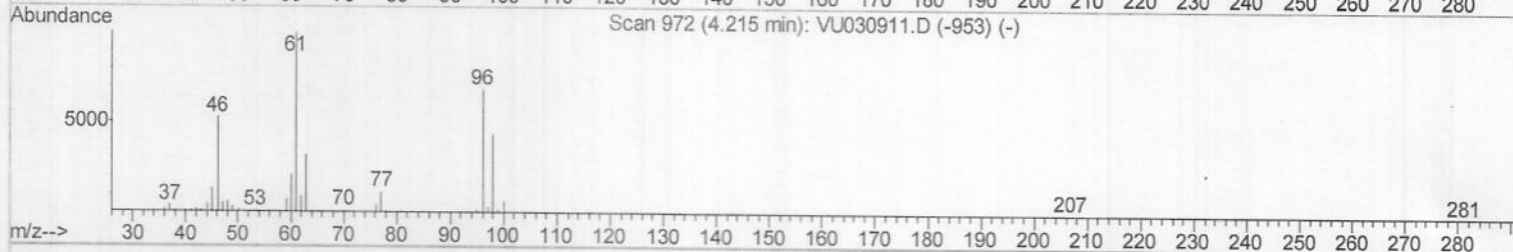
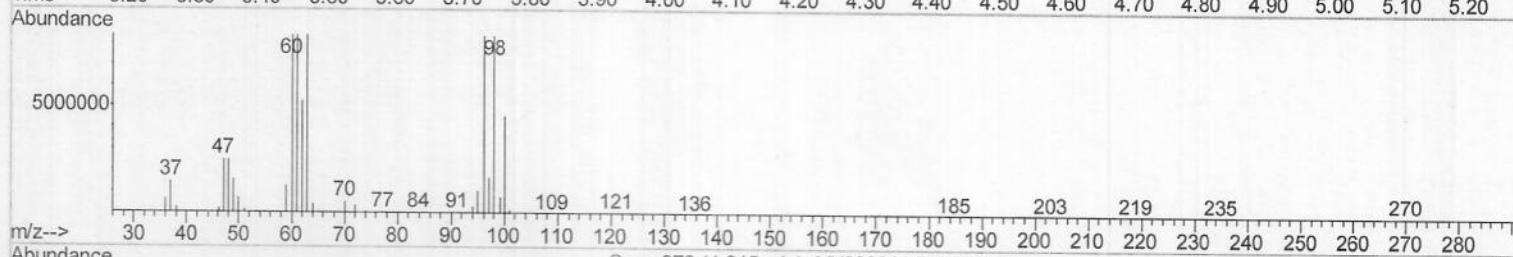
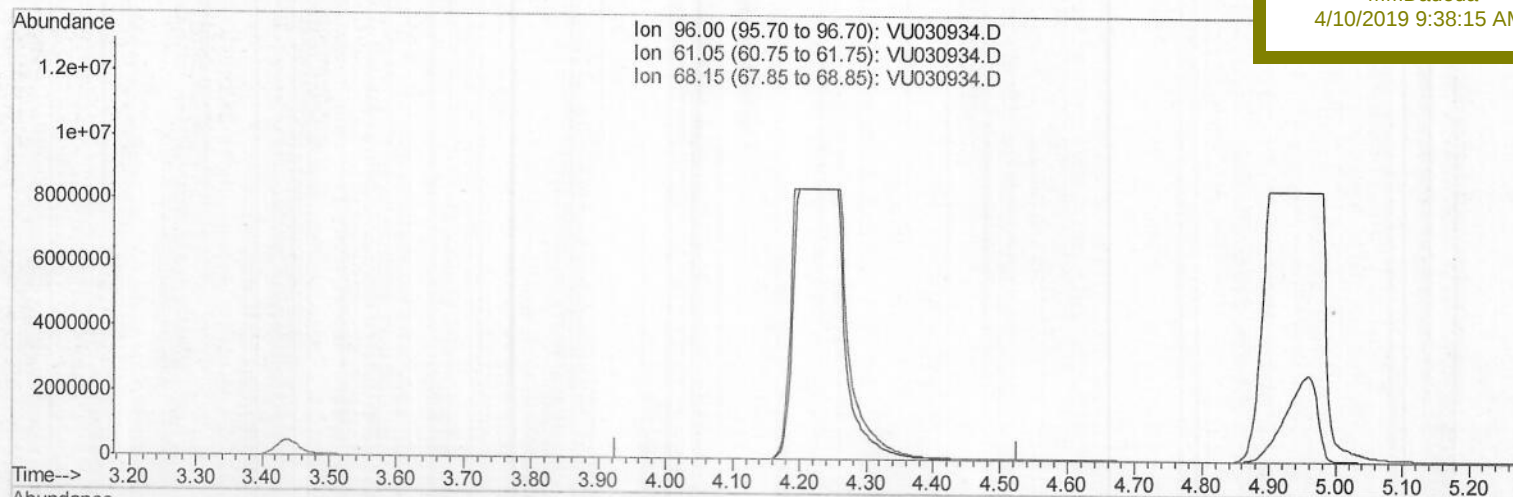
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TIC: VU030934.D

(22) cis-1,2-Dichloroethene (T)

4.225min (-4.225) 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.05	141.30	0.00#
68.15	0.00	0.00
0.00	0.00	0.00

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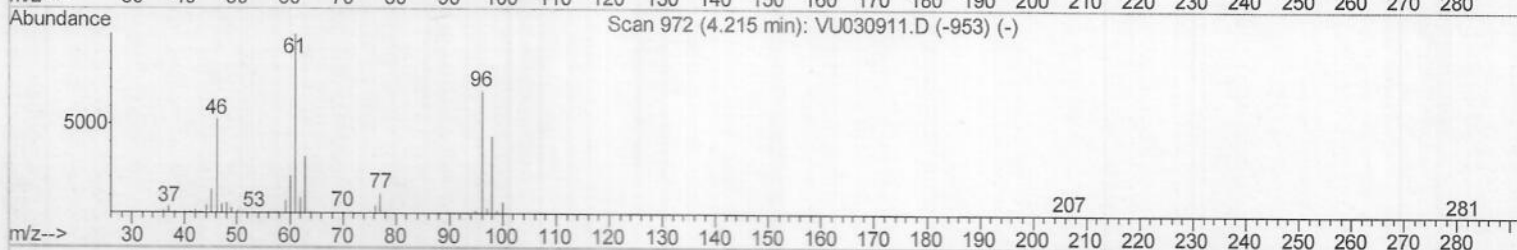
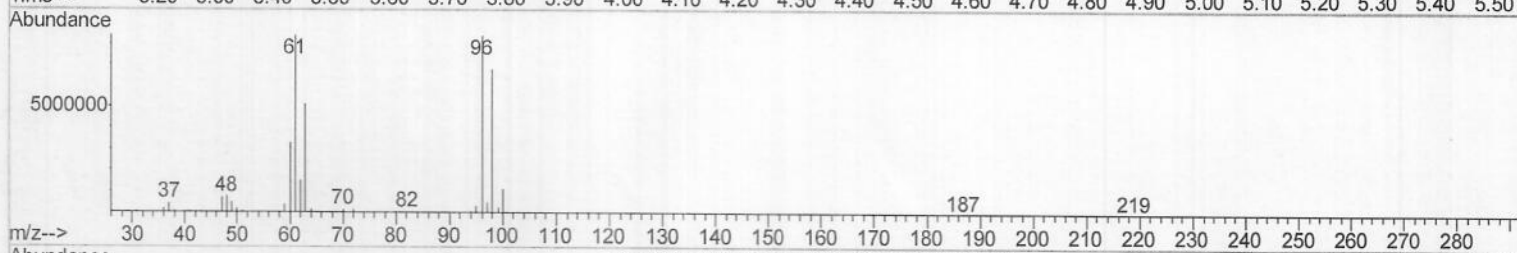
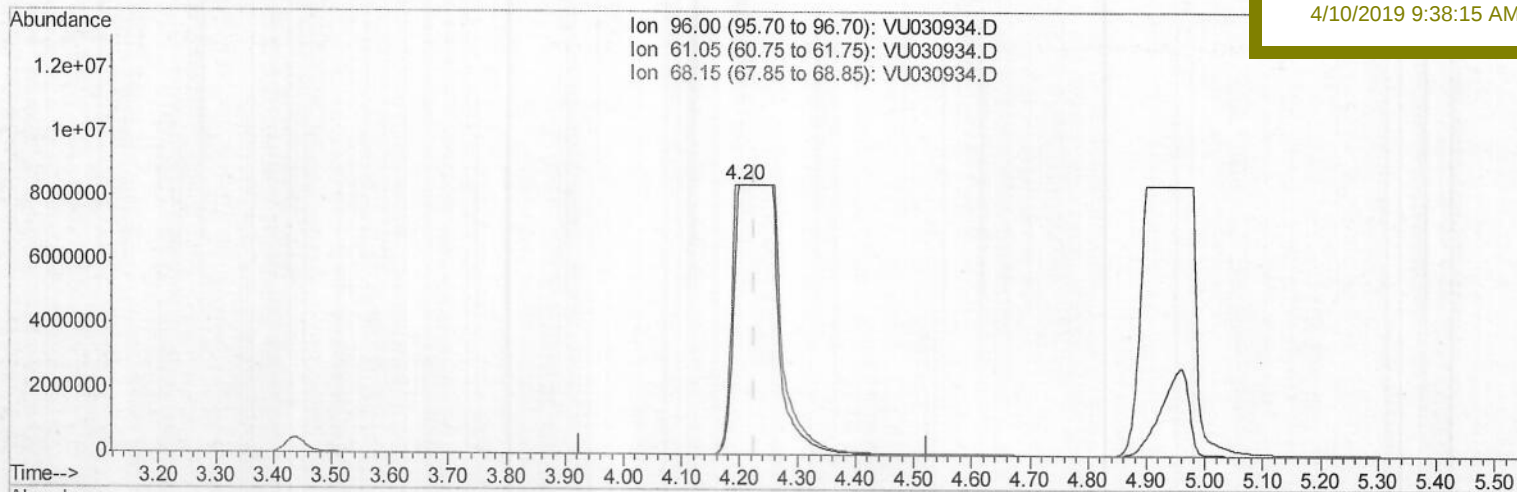
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TIC: VU030934.D

(22) cis-1,2-Dichloroethene (T)

4.199min (-0.026) 1895.75ug/L m

response 43585516

Ion	Exp%	Act%
96.00	100	100
61.05	141.30	100.00
68.15	0.00	0.00#
0.00	0.00	0.00

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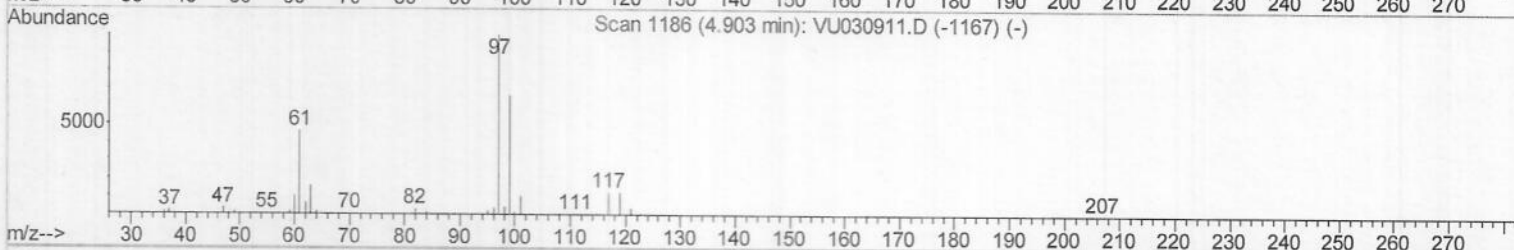
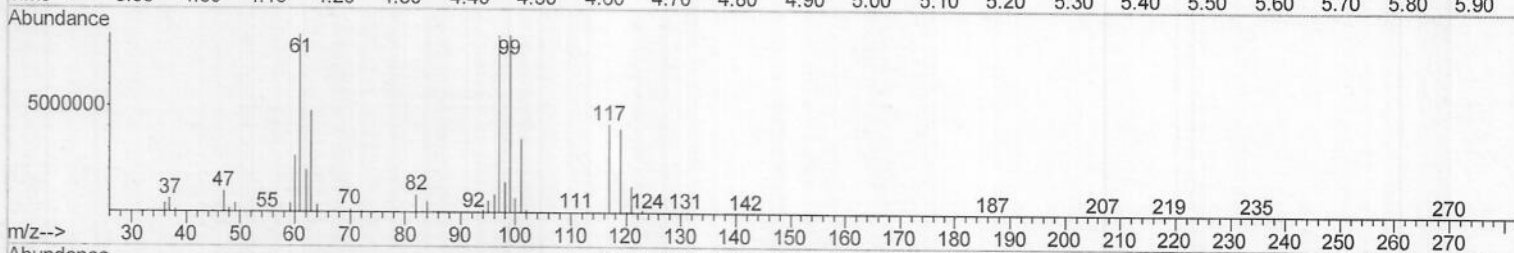
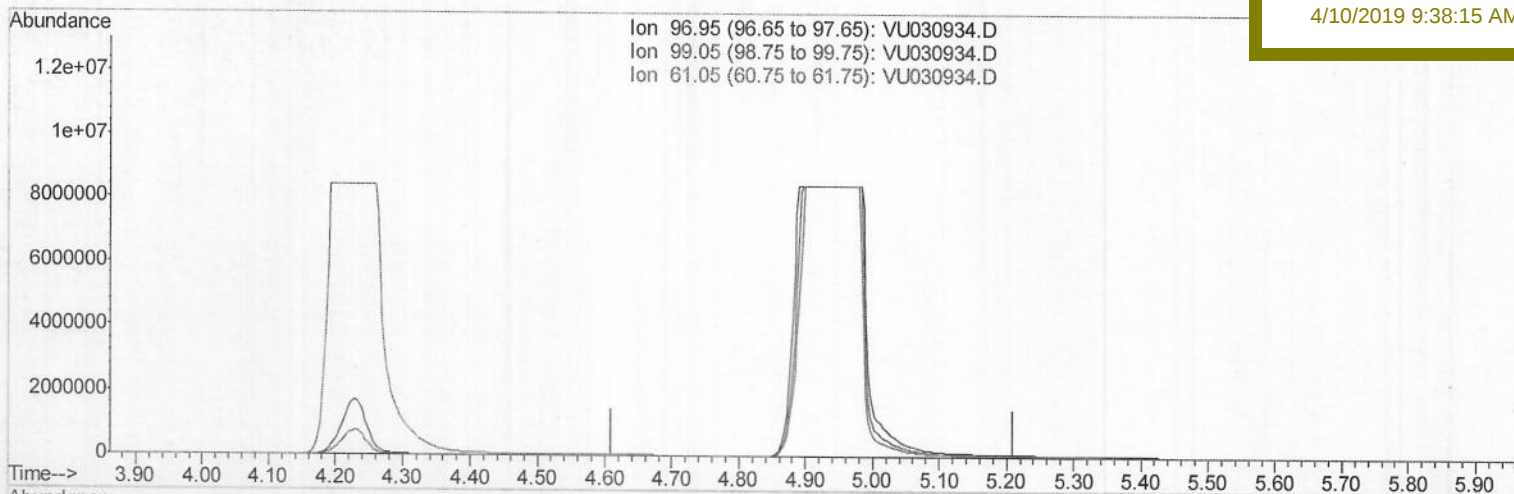
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(29) 1,1,1-Trichloroethane (T)

4.910min (-4.910) 0.00ug/L

response 0

Ion	Exp%	Act%
96.95	100	0.00
99.05	64.70	0.00#
61.05	47.60	0.00#
0.00	0.00	0.00

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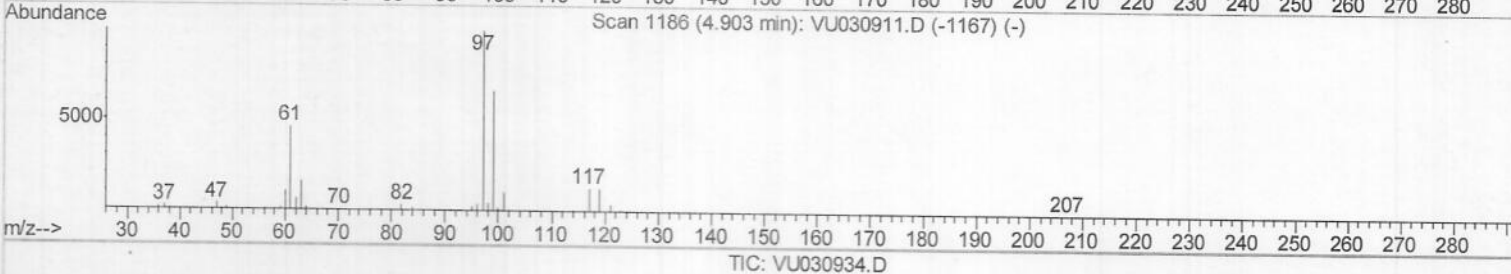
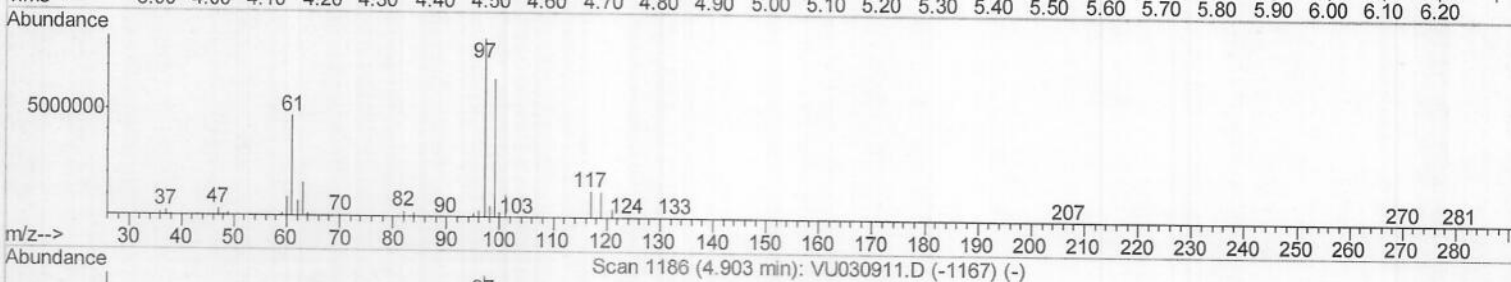
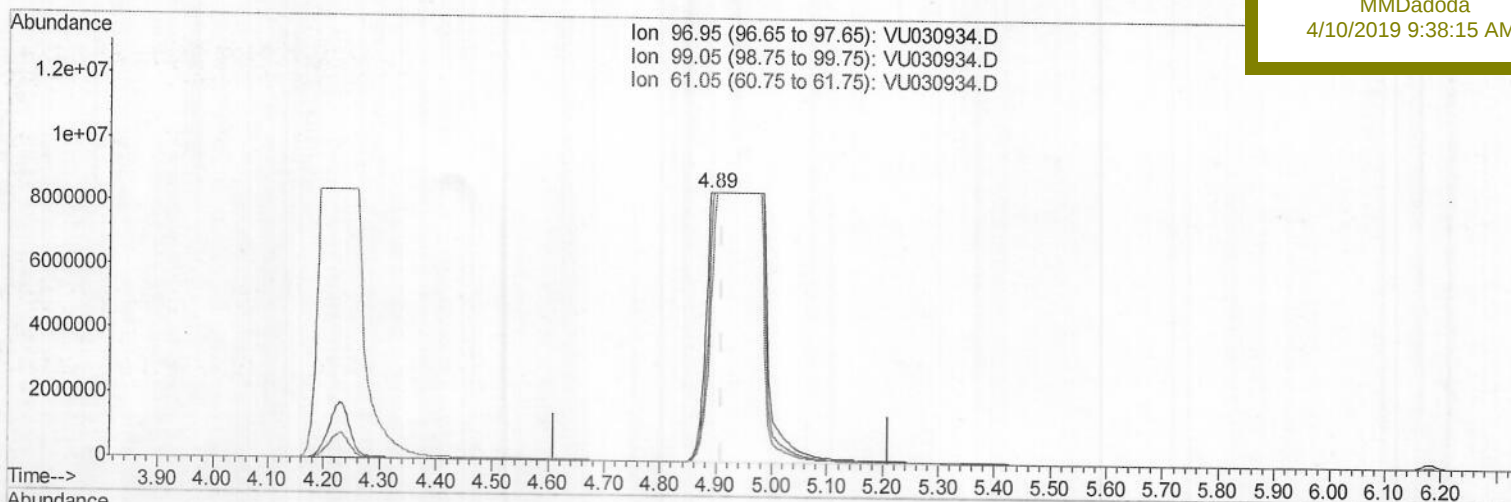
Response via : Initial Calibration

Instrument :

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Manual Integrations
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4/10/2019 9:38:15 AM

(29) 1,1,1-Trichloroethane (T)

4.890min (-0.020) 1775.29ug/L m

response 60787162

Ion	Exp%	Act%
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96.95	100	100
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99.05	64.70	0.00#
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61.05	47.60	0.00#
-------	-------	-------

0.00	0.00	0.00
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M.D
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 Client Sampled :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	279884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	268780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	130839	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	99061	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.68	69	90711	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.28	63	13073090	298.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	5971.80%#
20) 2-Butanone-d5	4.23	46	396290	71.91	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.82%#
24) Chloroform-d	4.65	84	188656	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.31	65	111339	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.34	84	384405	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.33	67	131433	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.56	98	304523	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.85	79	46749	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	8.31	63	288002	75.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	150.24%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114772	6.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	135.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	121956	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	65658	1.961	ug/L 83
9) Trichlorofluoromethane	1.88	101	181544	4.782	ug/L 99
12) 1,1-Dichloroethene	2.28	96	21651044	1060.178	ug/L # 64
14) Carbon disulfide	2.48	76	31113	0.434	ug/L 97
18) trans-1,2-Dichloroethene	2.97	96	921623	42.746	ug/L 95
19) 1,1-Dichloroethane	3.44	63	15761622	345.604	ug/L 99
22) cis-1,2-Dichloroethene	4.20	96	43585516m	1895.747	ug/L
29) 1,1,1-Trichloroethane	4.89	97	60787162m	1775.286	ug/L
33) Benzene	5.39	78	418763	4.606	ug/L 100
34) Trichloroethene	6.18	95	463297	20.355	ug/L 96
42) Toluene	7.63	91	1167840	12.807	ug/L 99
45) 1,1,2-Trichloroethane	8.07	97	55232	3.702	ug/L 96
47) Tetrachloroethene	8.22	164	2899047	181.590	ug/L 98
52) Ethylbenzene	9.25	91	539678	5.549	ug/L 99
53) m,p-Xylene	9.38	106	192323	5.661	ug/L 99
54) o-Xylene	9.77	106	4556405	136.774	ug/L 97
56) Isopropylbenzene	10.16	105	88533	0.995	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 1,1,2,2-Tetrachloroethane	10.45	83	51223	2.582	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	6532	0.163	ug/L	93

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