

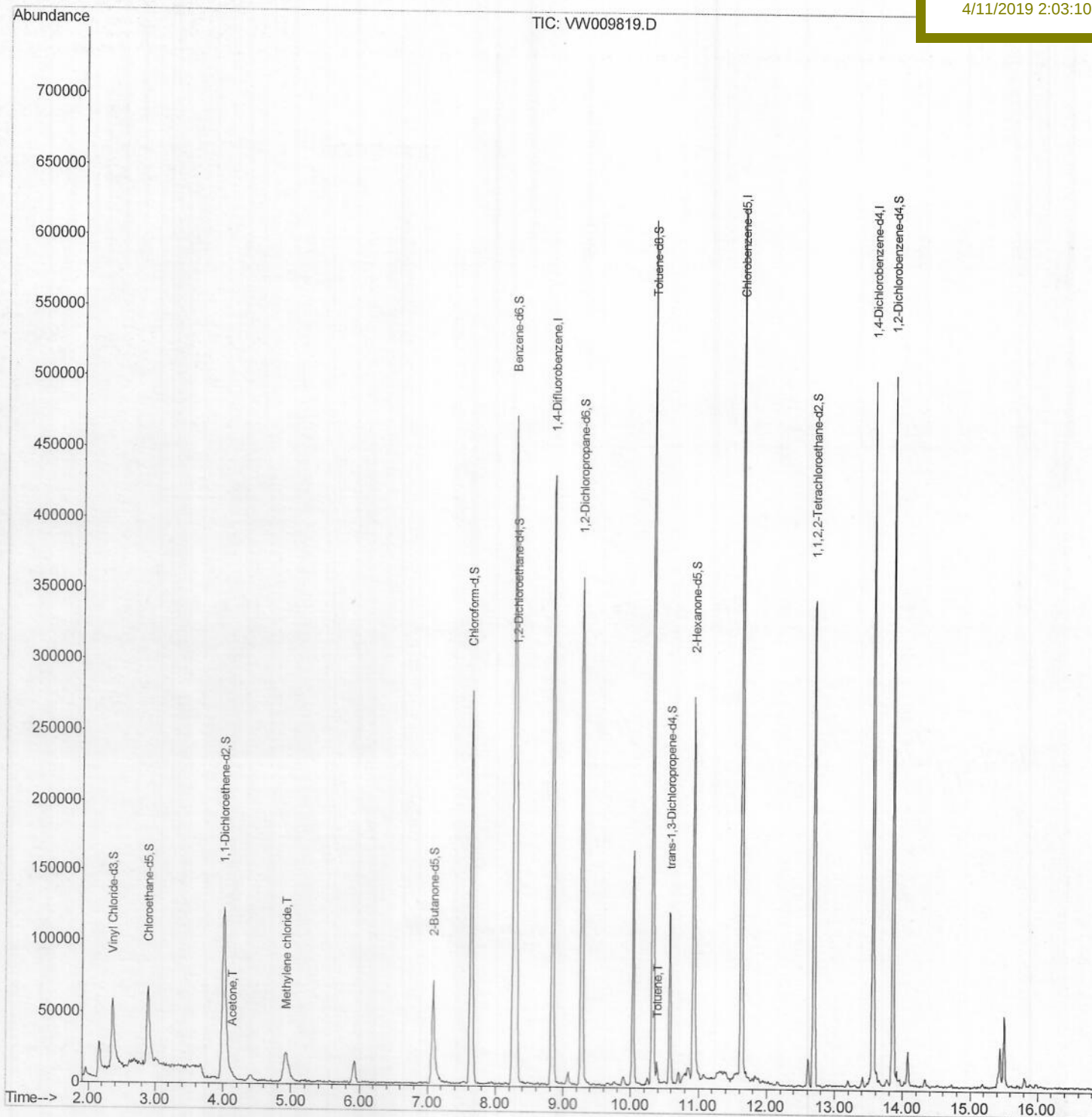
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009819.D
Acq On : 09 Apr 2019 00:02
Operator : SY/VA
Sample : K2217-13RE
Misc : 5.90G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 05:57:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:37:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
BF603RE

Manual Integrations
APPROVED

MMDadoda
4/11/2019 2:03:10 PM



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Operator : SY/VA

Sample : K2217-13RE

Misc : 5.90G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 05:22:12 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 02:37:30 2019

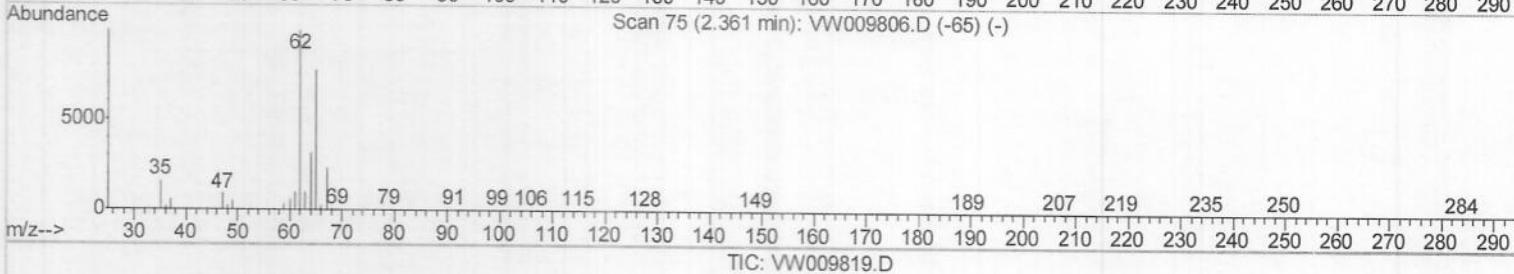
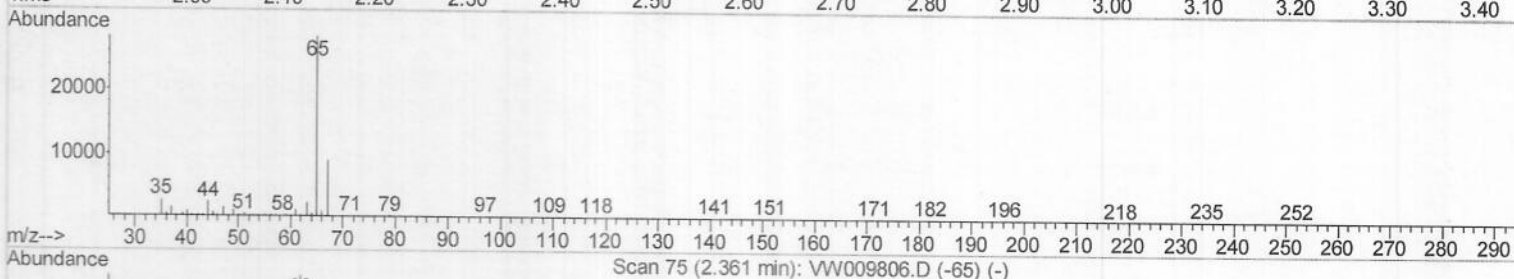
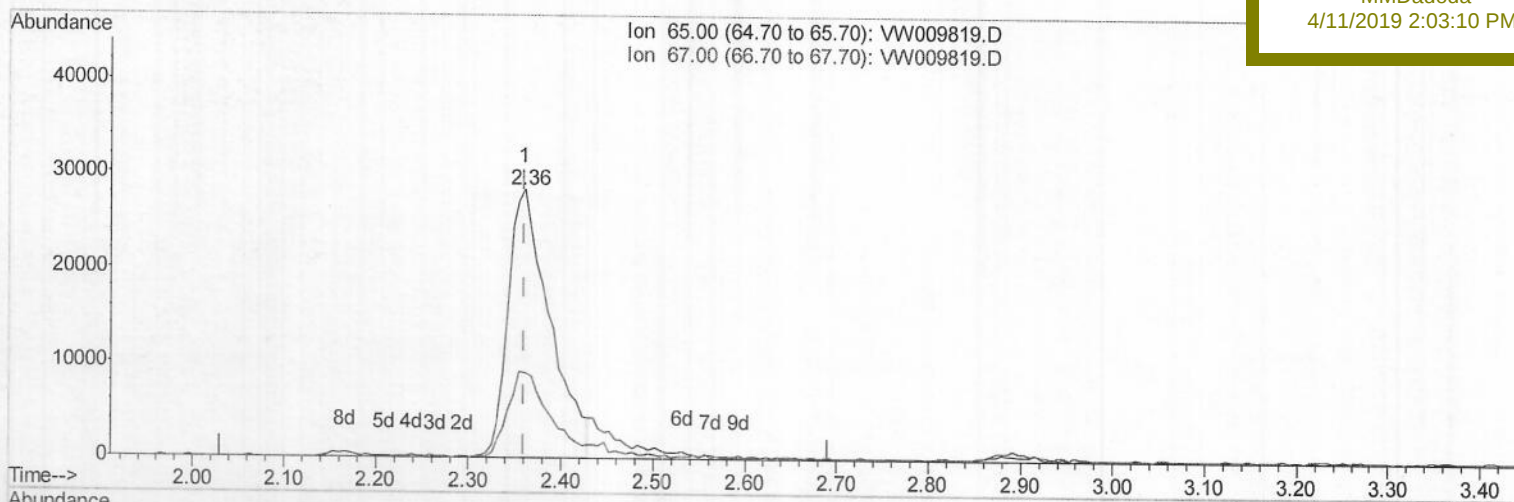
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APPROVEDMMDadoda
4/11/2019 2:03:10 PM

(4) Vinyl Chloride-d3 (S)

2.361min (+0.000) 20.17ug/L

response 87908

Ion	Exp%	Act%
65.00	100	100
67.00	32.00	32.07
0.00	0.00	0.00
0.00	0.00	0.00

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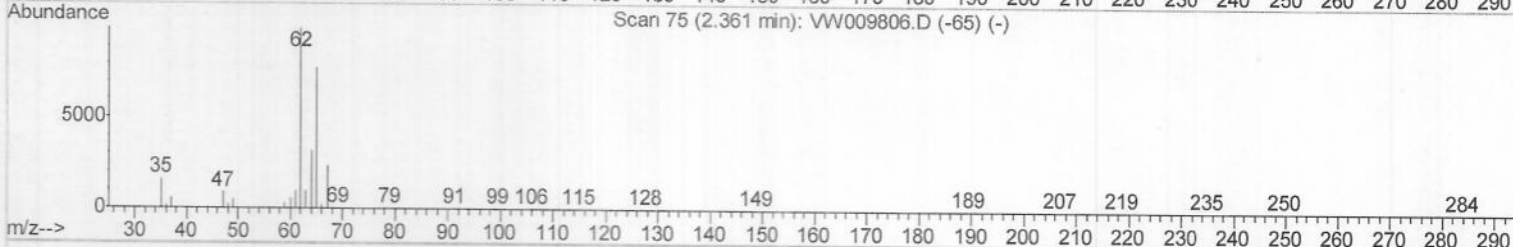
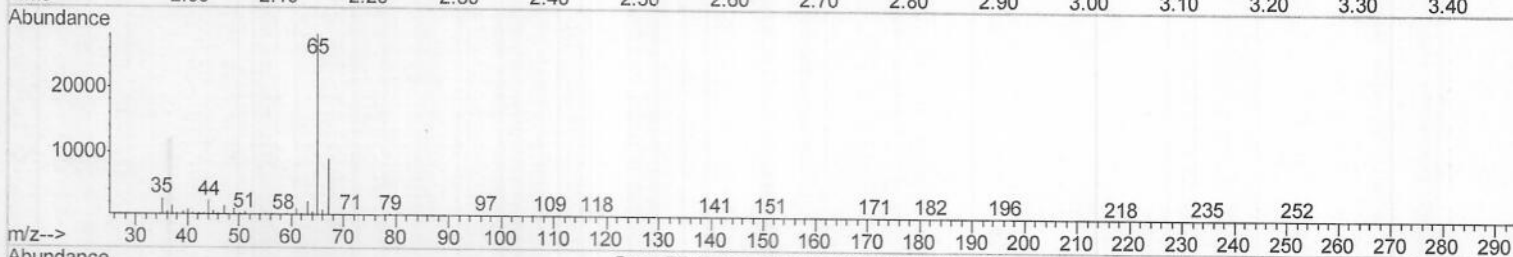
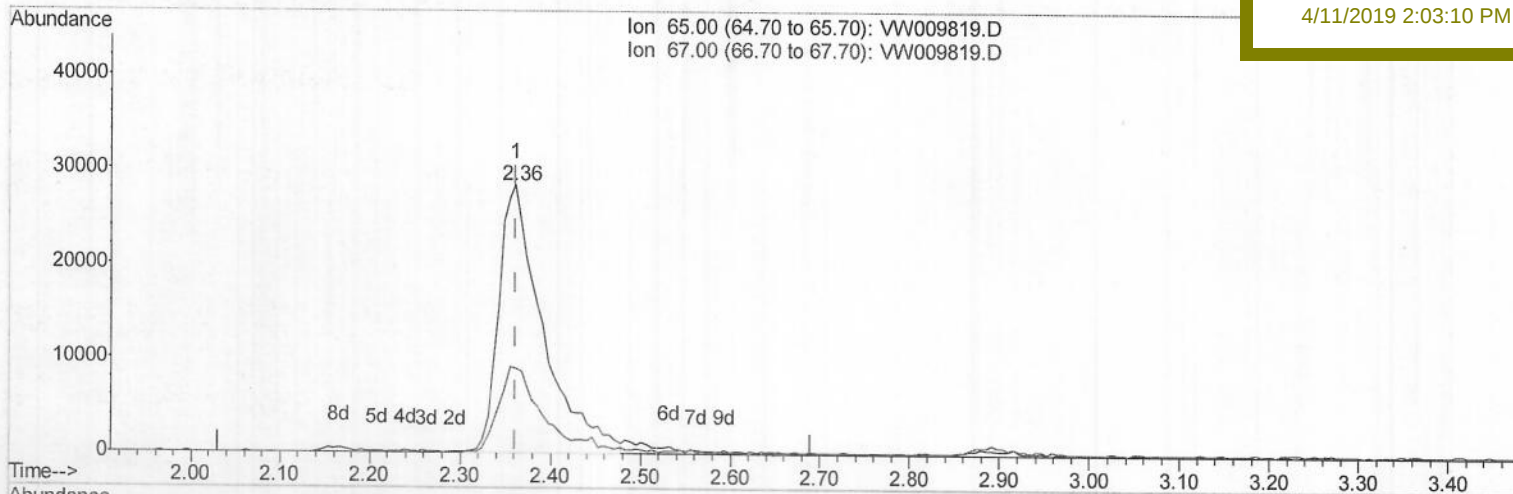
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BF603RE

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:03:10 PM

TIC: VW009819.D

(4) Vinyl Chloride-d3 (S)

2.361min (+0.000) 21.93ug/L m

response 95578

Ion	Exp%	Act%
65.00	100	100
67.00	32.00	29.50
0.00	0.00	0.00
0.00	0.00	0.00

M.D
4/12/19

Quantitation Report (Qedit)

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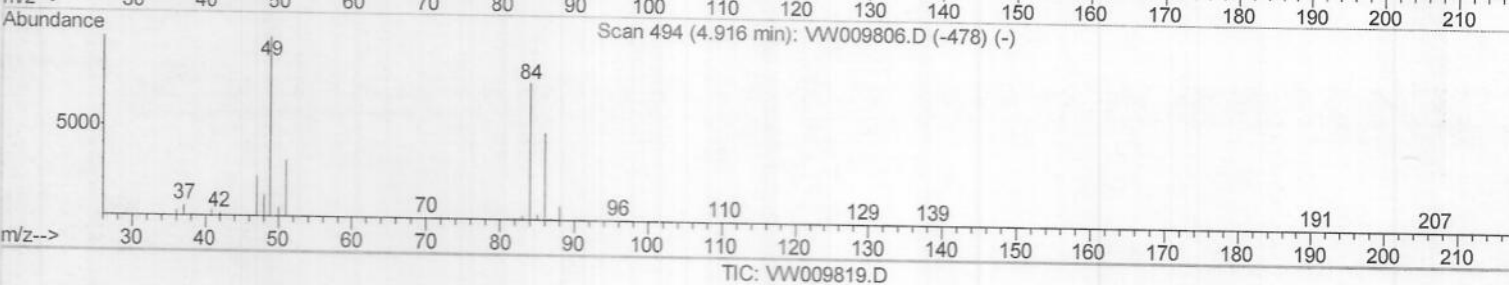
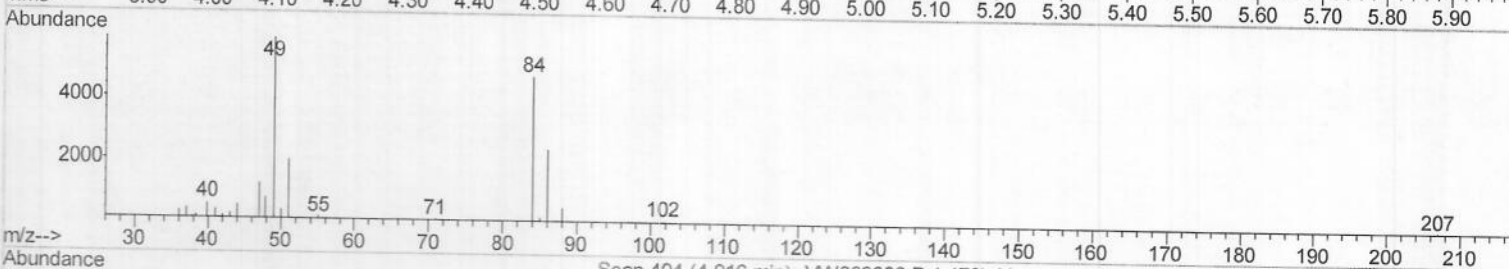
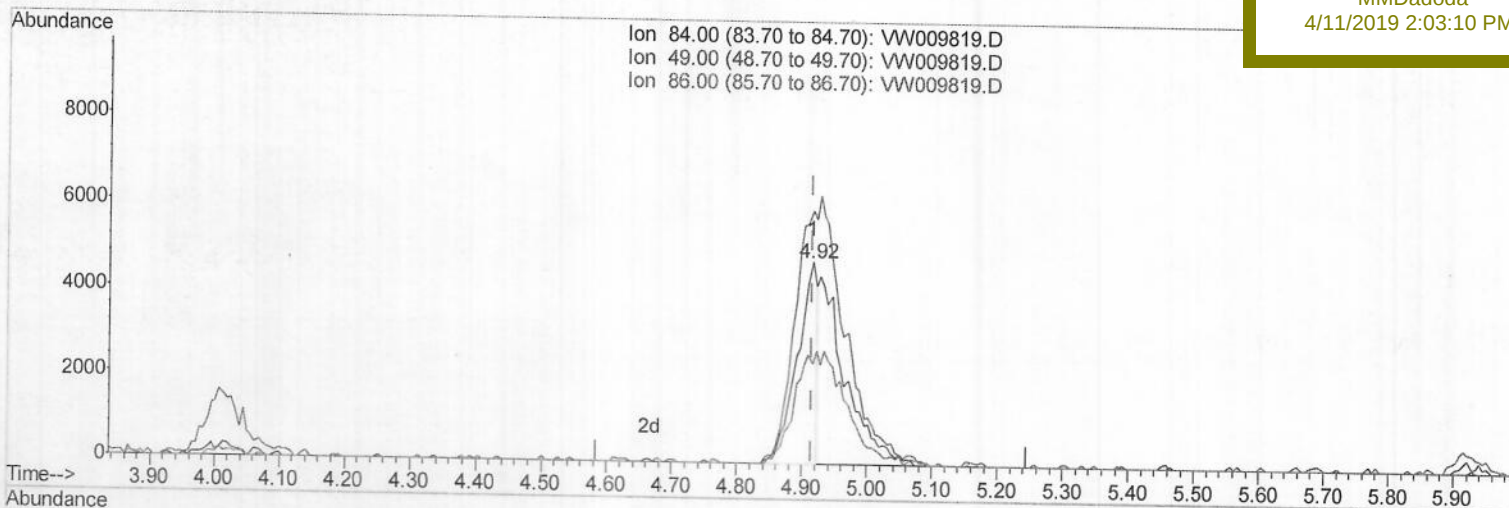
BF603RE

Manual Integrations

APPROVED

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4/11/2019 2:03:10 PM



(16) Methylene chloride (T)

4.915min (+0.000) 1.70ug/L

response 9995

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	125.28
86.00	66.30	50.34
0.00	0.00	0.00

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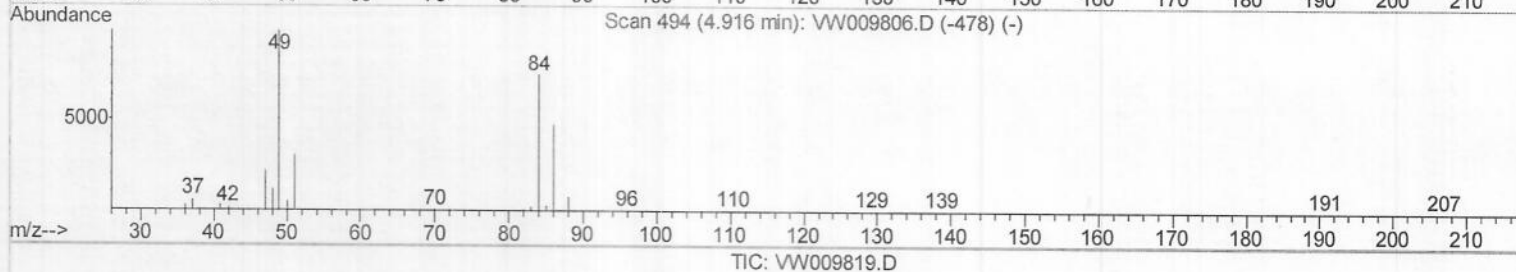
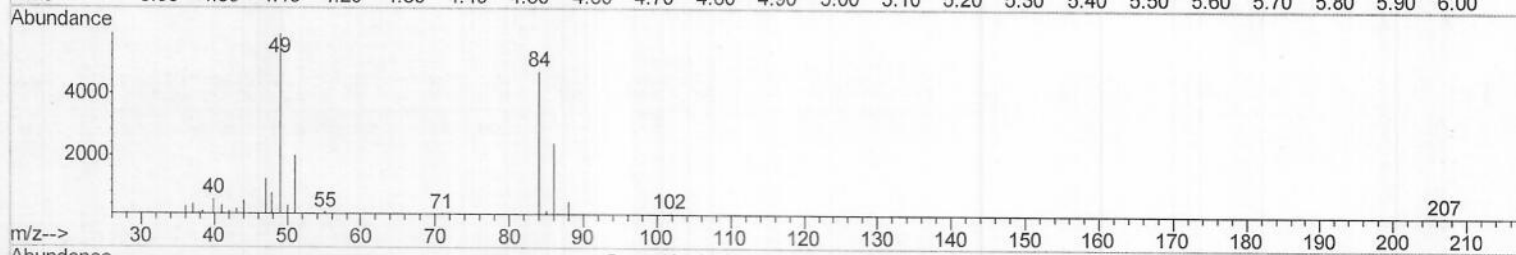
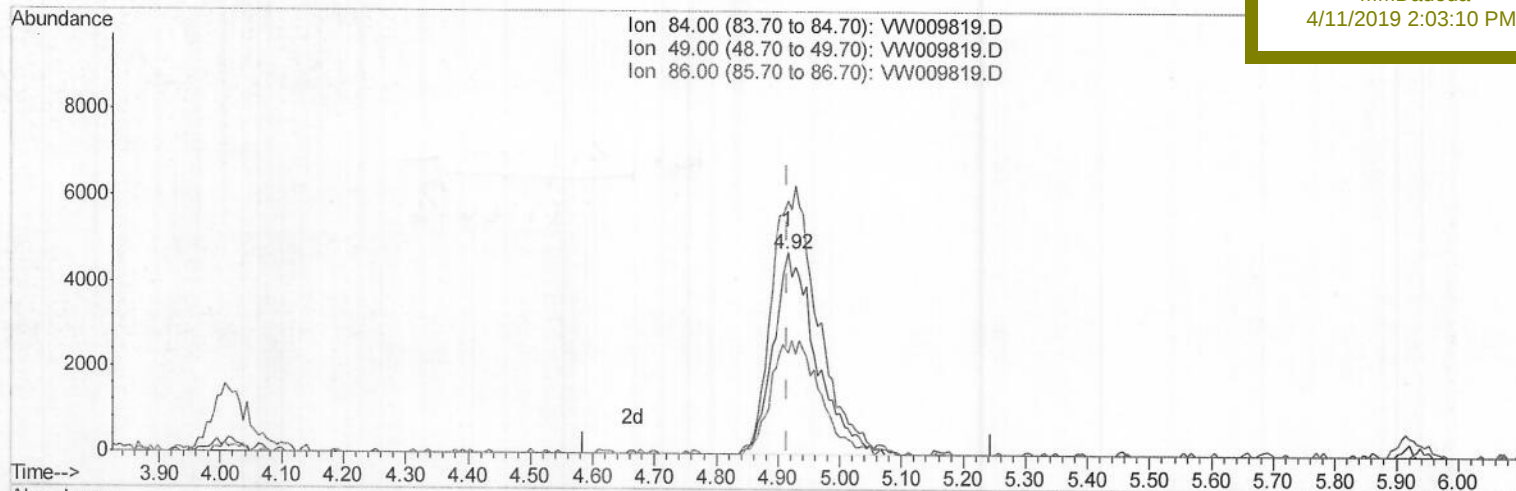
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Instrument :

MSVOA_W

ClientSampleId :

BF603RE

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:03:10 PM

(16) Methylene chloride (T)

4.915min (+0.000) 3.85ug/L m

response 22609

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	125.28
86.00	66.30	50.34
0.00	0.00	0.00

M. P
4/12/19

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APPROVEDMMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	333047	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115319	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95578m	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
7) Chloroethane-d5	2.89	69	89615	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	4.01	63	167010	17.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.28%
20) 2-Butanone-d5	7.07	46	118883	84.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.02%#
24) Chloroform-d	7.64	84	252065	27.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.96%
26) 1,2-Dichloroethane-d4	8.31	65	180190	32.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.20%
29) Benzene-d6	8.27	84	445022	26.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.24%
33) 1,2-Dichloropropane-d6	9.27	67	149934	29.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.96%
37) Toluene-d8	10.32	98	375978	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.96%
38) trans-1,3-Dichloropropene-	10.57	79	61584	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.72%
39) 2-Hexanone-d5	10.93	63	67255	69.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.18%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161443	33.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	119946	29.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.56%

Target Compounds

					Qvalue
13) Acetone	4.13	43	6983	4.606	ug/L 91
16) Methylene chloride	4.92	84	22609m	3.849	ug/L
44) Toluene	10.39	91	9750	0.484	ug/L 91

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