

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\

Data File : VW009314.D

Acq On : 21 Mar 2019 04:33

Operator : SY/VA

Sample : K1988-15

Misc : 5.86G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 05 07:34:28 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

QLast Update : Thu Mar 21 12:20:05 2019

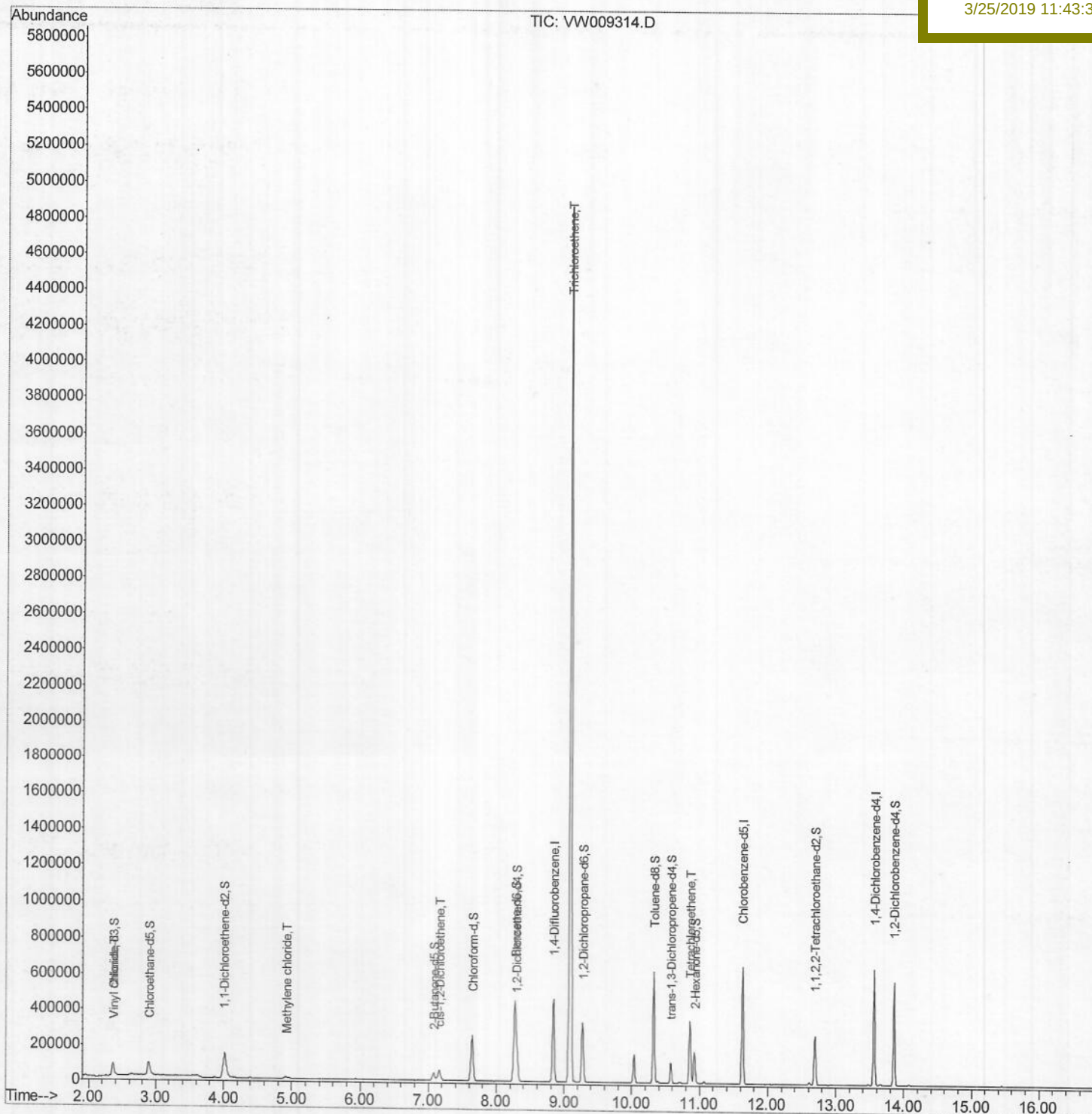
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BF0C6

Manual Integrations
APPROVEDMMDadoda
3/25/2019 11:43:37 AM

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032019\
Quantitation Report (Qedit)

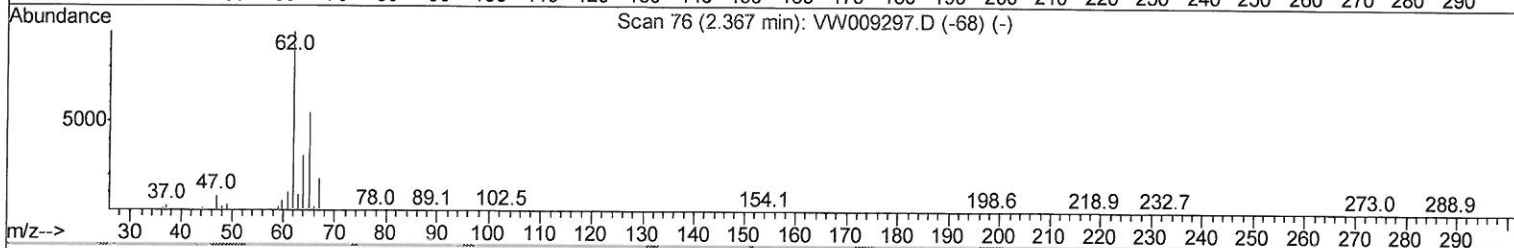
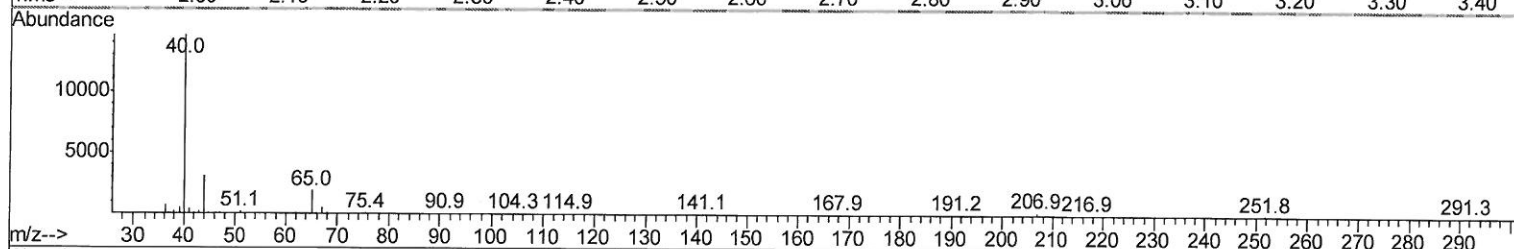
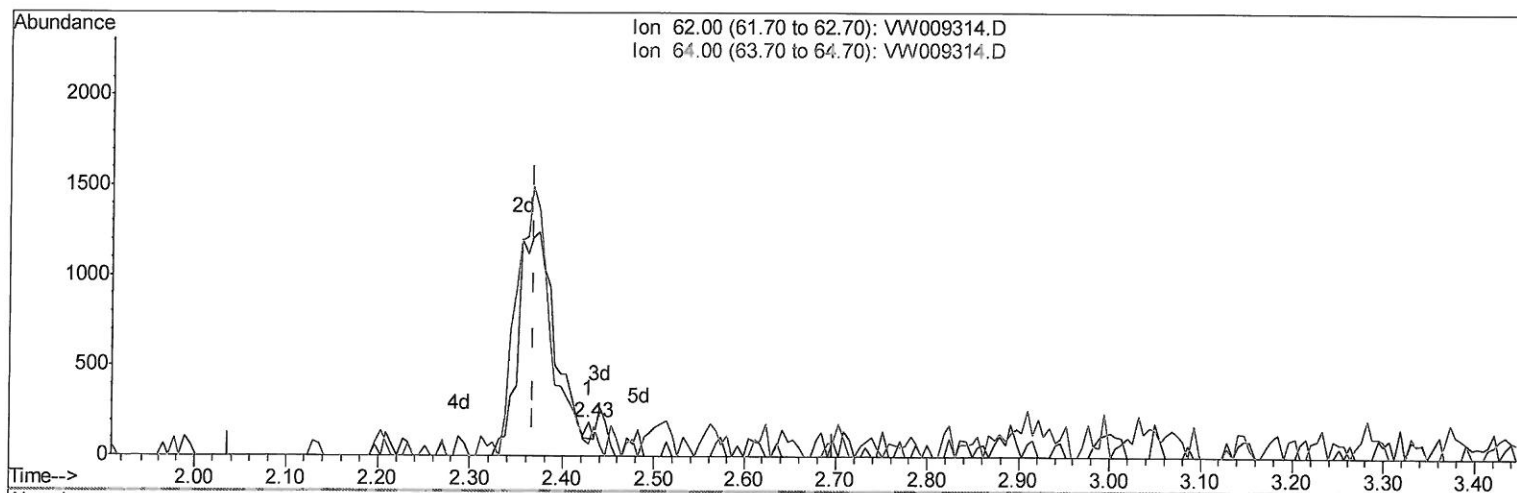
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Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Mar 21 12:25:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration



TIC: VW009314.D

(5) Vinyl chloride (T)

2.428min (+0.061) 0.01ug/L

response 36

Ion	Exp%	Act%
62.00	100	100
64.00	32.80	34.21
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032019\
Quantitation Report (Qedit)

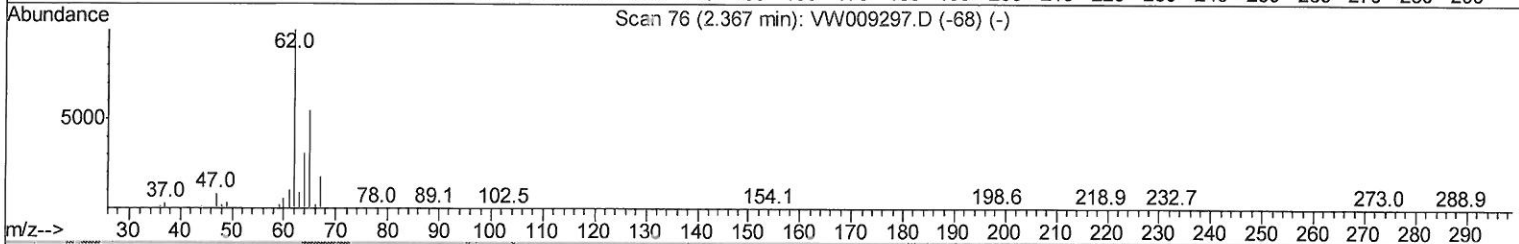
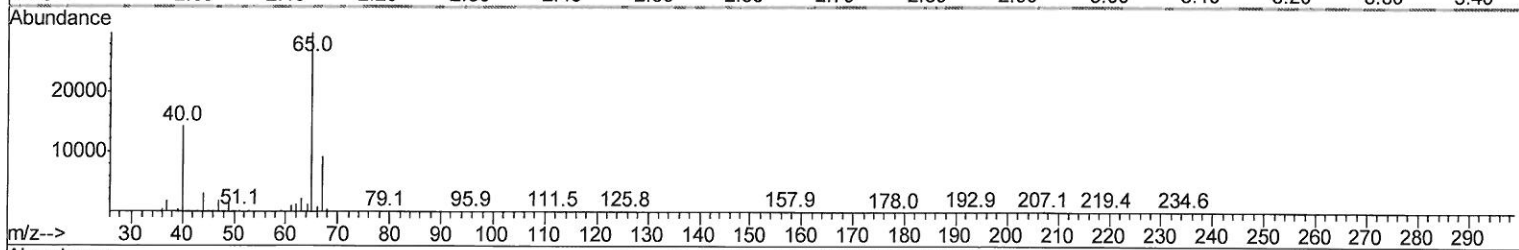
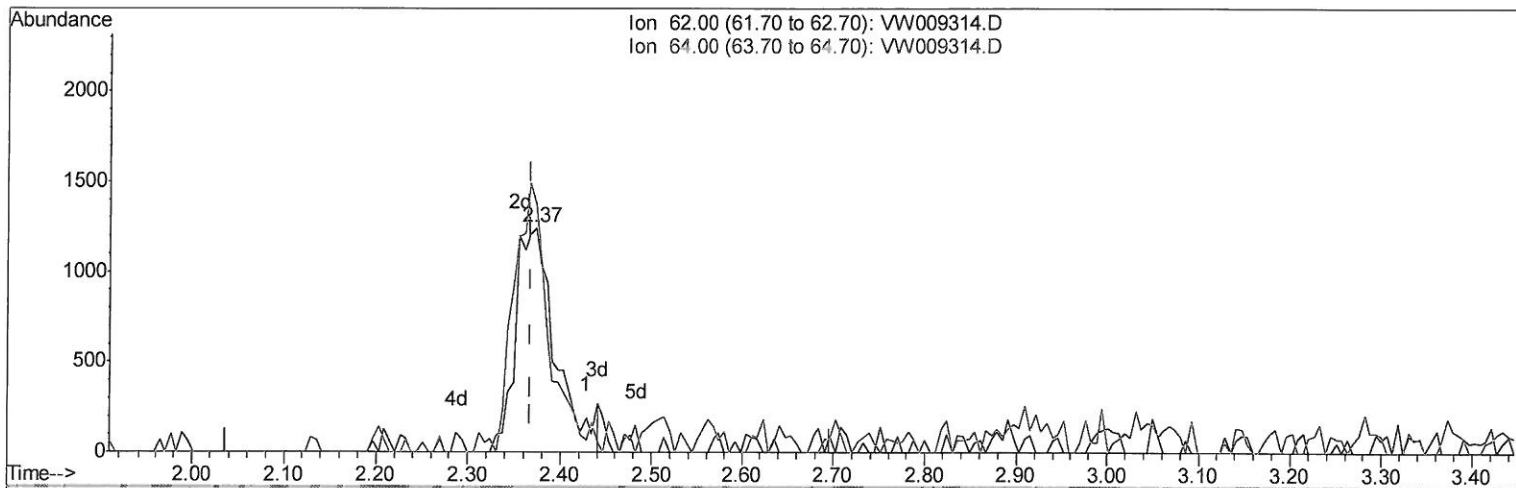
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Instrument :
MSVOA_W
Client Sampled :
BF0C6

Manual Integrations
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Quant Time: Mar 21 13:07:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration



TIC: VW009314.D

(5) Vinyl chloride (T)

2.373min (+0.006) 0.72ug/L m

> 03/24/19 SY

response 3757

Ion	Exp%	Act%
62.00	100	100
64.00	32.80	110.04#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

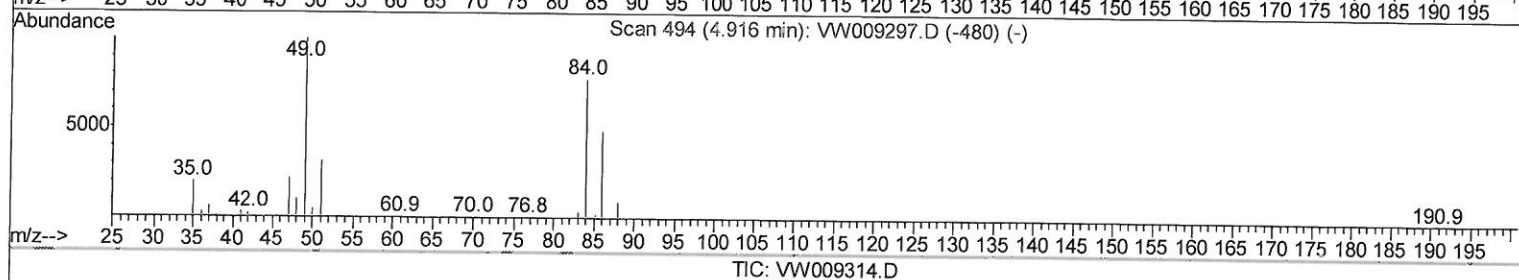
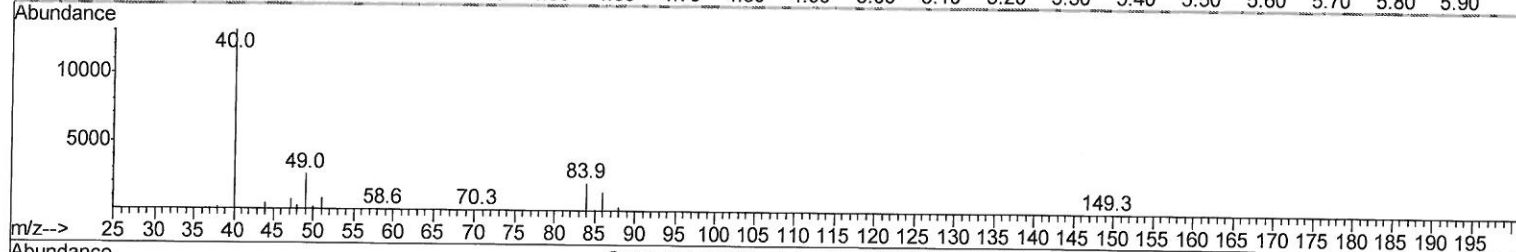
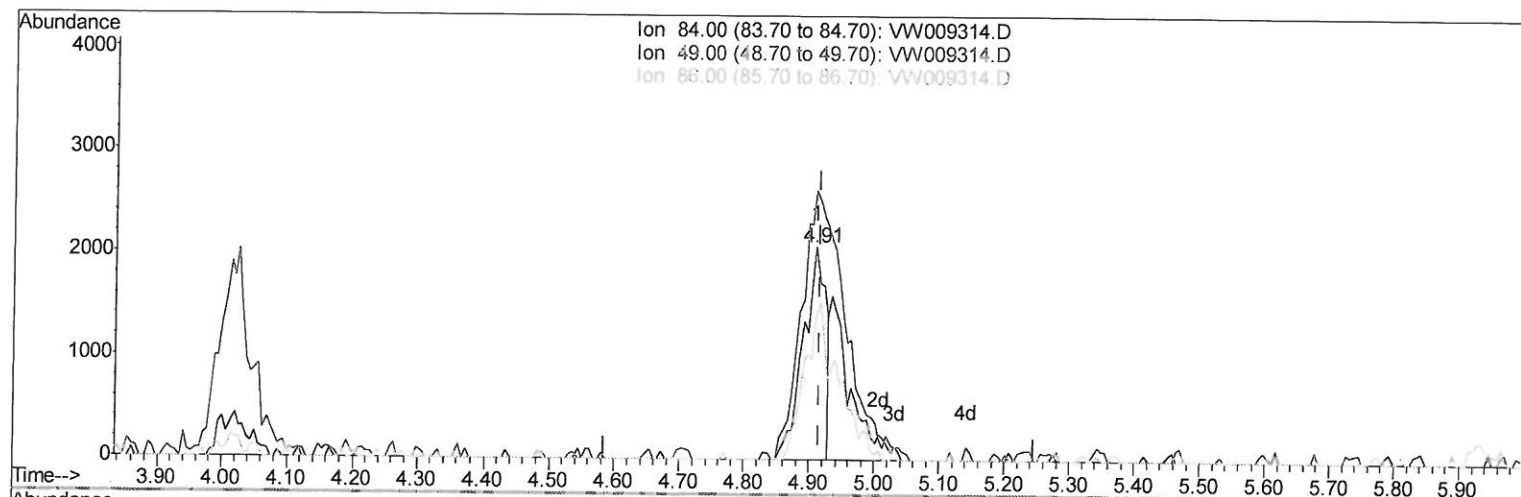
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(16) Methylene chloride (T)

4.909min (-0.006) 0.93ug/L

response 4940

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	126.66
86.00	63.50	66.57
0.00	0.00	0.00

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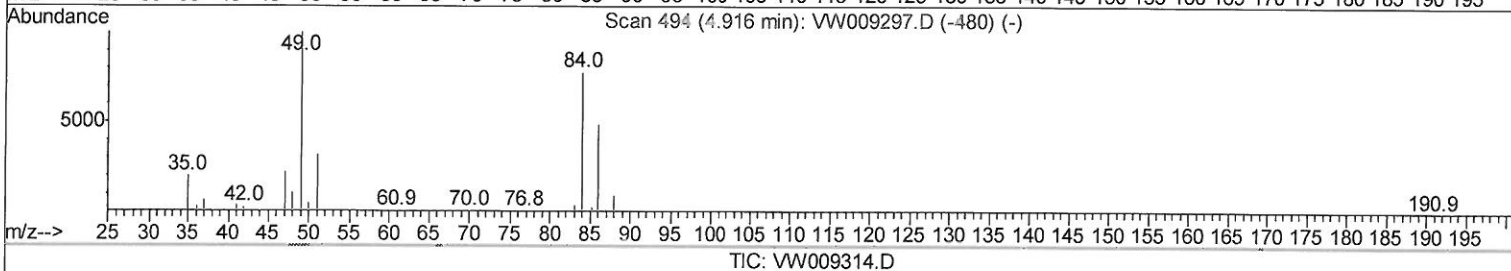
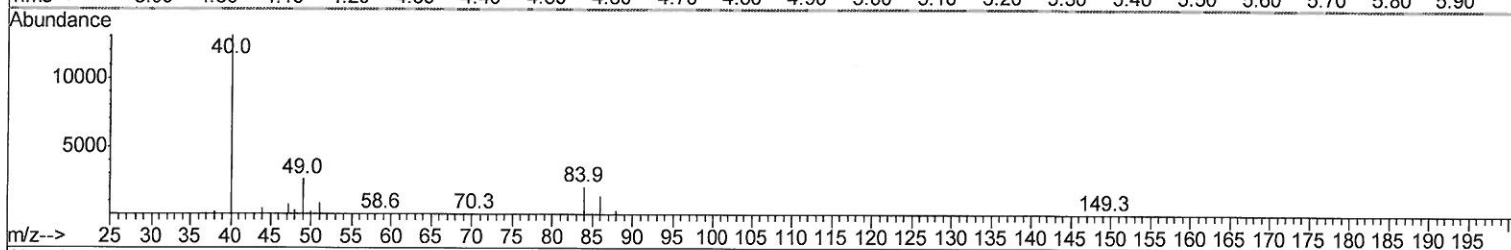
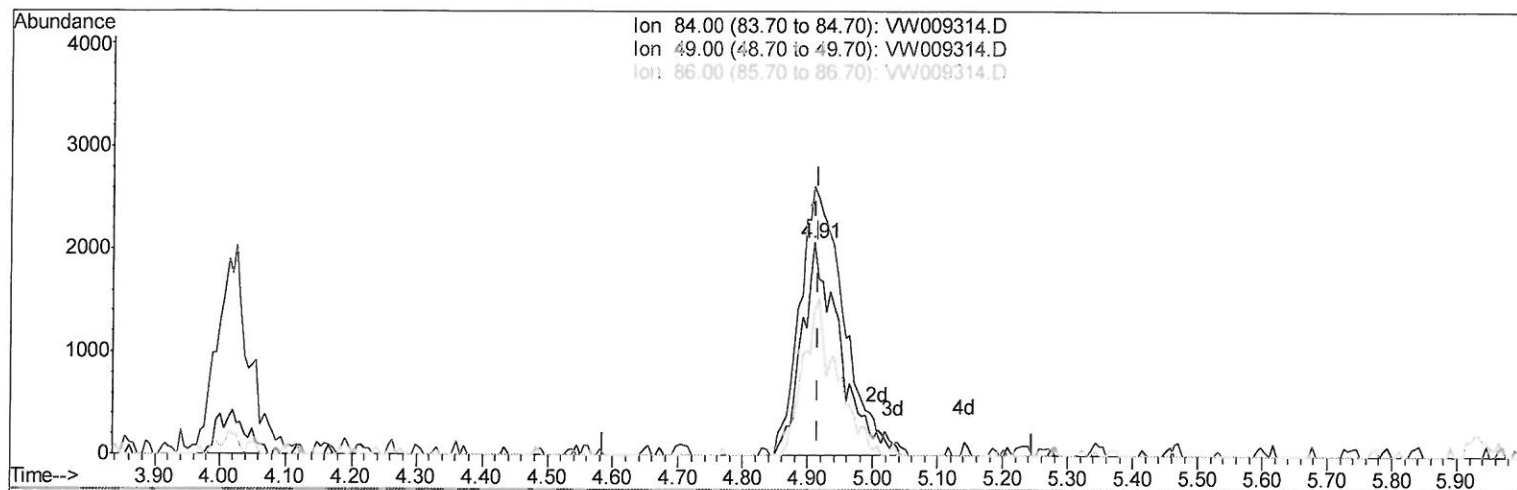
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MSVOA_W
Client Sampled :
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Manual Integrations
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(16) Methylene chloride (T)

4.909min (-0.006) 1.60ug/L m

response 8459

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	126.66
86.00	63.50	66.57
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362339	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110798	25.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.36%		
7) Chloroethane-d5	2.90	69	103602	20.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.80%		
10) 1,1-Dichloroethene-d2	4.01	63	165772	17.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.84%		
20) 2-Butanone-d5	7.08	46	69447	38.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.56%		
24) Chloroform-d	7.64	84	233322	23.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.40%		
26) 1,2-Dichloroethane-d4	8.30	65	138225	23.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.80%		
29) Benzene-d6	8.27	84	438298	22.68	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.72%		
33) 1,2-Dichloropropane-d6	9.27	67	138830	23.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.68%		
37) Toluene-d8	10.32	98	388047	21.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.88%		
38) trans-1,3-Dichloropropene-	10.57	79	56781	19.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.92%		
39) 2-Hexanone-d5	10.93	63	50717	36.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.16%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121685	21.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.16%		
61) 1,2-Dichlorobenzene-d4	13.86	152	148342	24.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.64%		

Target Compounds

5) Vinyl chloride	2.37	62	3757m)	0.721	ug/L	
16) Methylene chloride	4.91	84	8459m)	1.601	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	26215	5.159	ug/L	96
35) Trichloroethene	9.09	95	1558369	304.918	ug/L	99
47) Tetrachloroethene	10.86	164	71058	16.455	ug/L	97

Ovalue 03/24/19 Sy

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