

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Quantitation Report (Qedit)

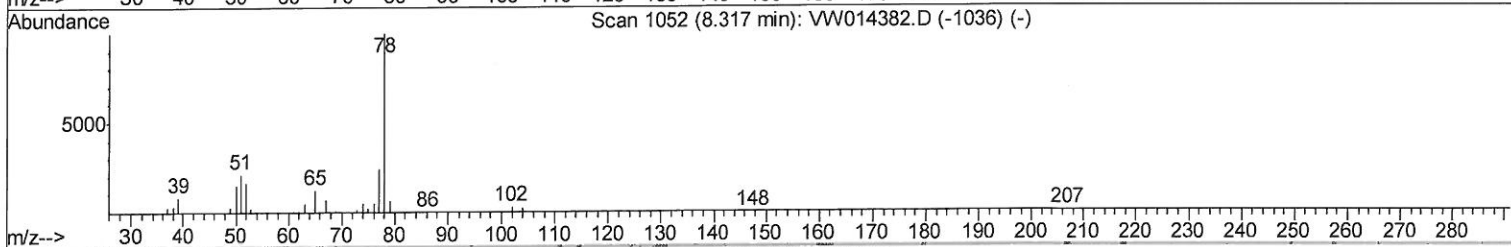
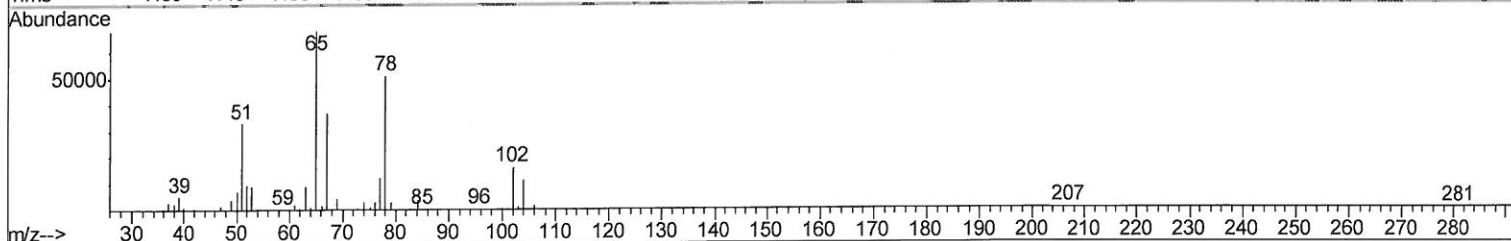
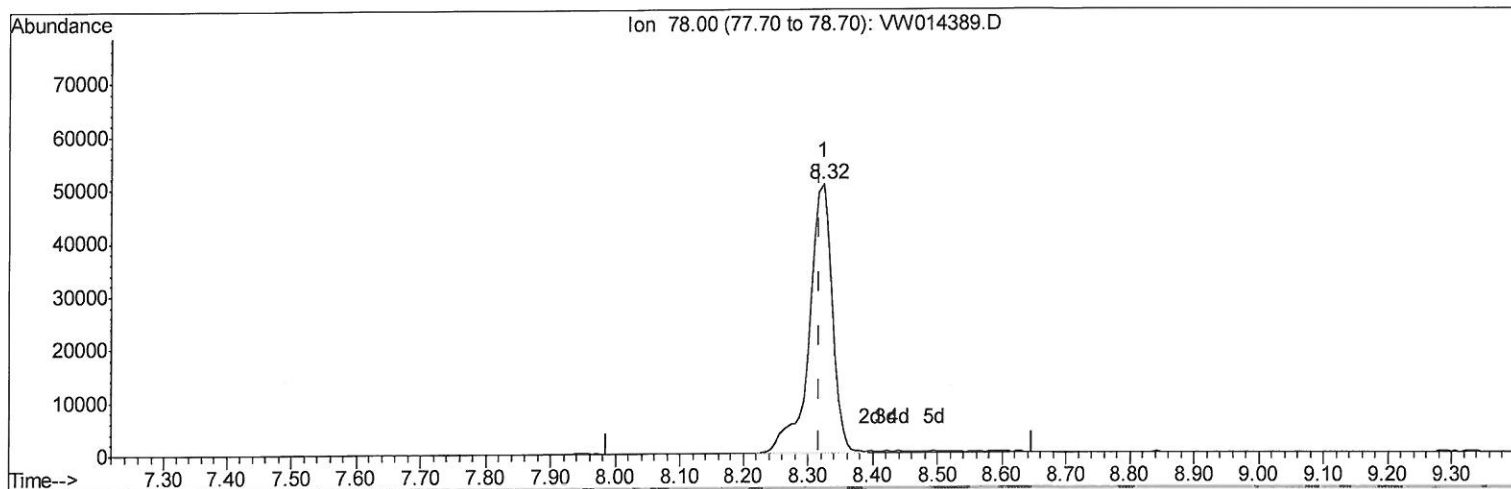
Data File : VW014389.D
Acq On : 17 Dec 2019 13:44
Operator : SY/VA
Sample : K6270-09
Misc : 4.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK85

Manual Integrations
APPROVED

MMDadoda
12/18/2019 3:30:40 PM

Quant Time: Dec 18 01:40:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
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TIC: VW014389.D

(34) Benzene (T)

8.323min (+0.006) 1.85ug/L

response 125639

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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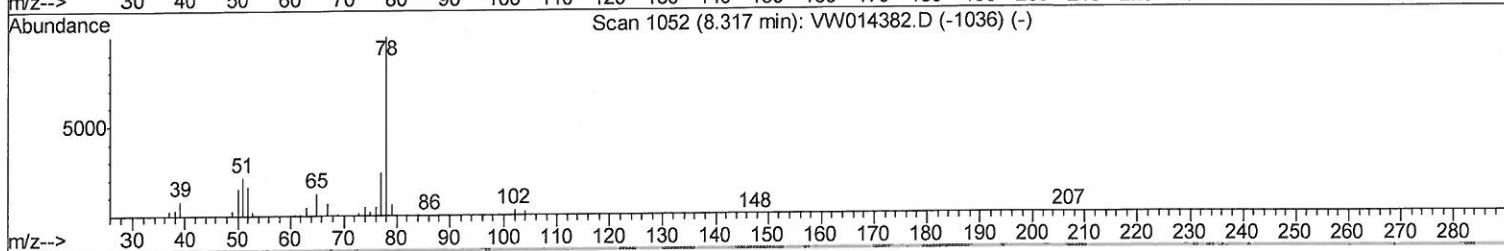
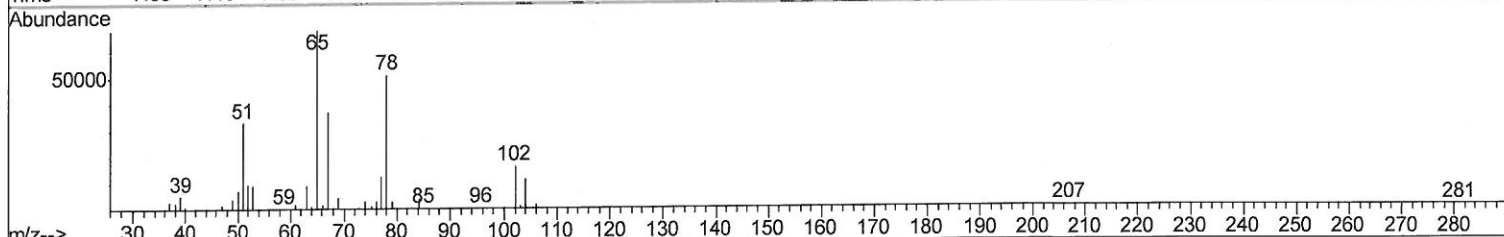
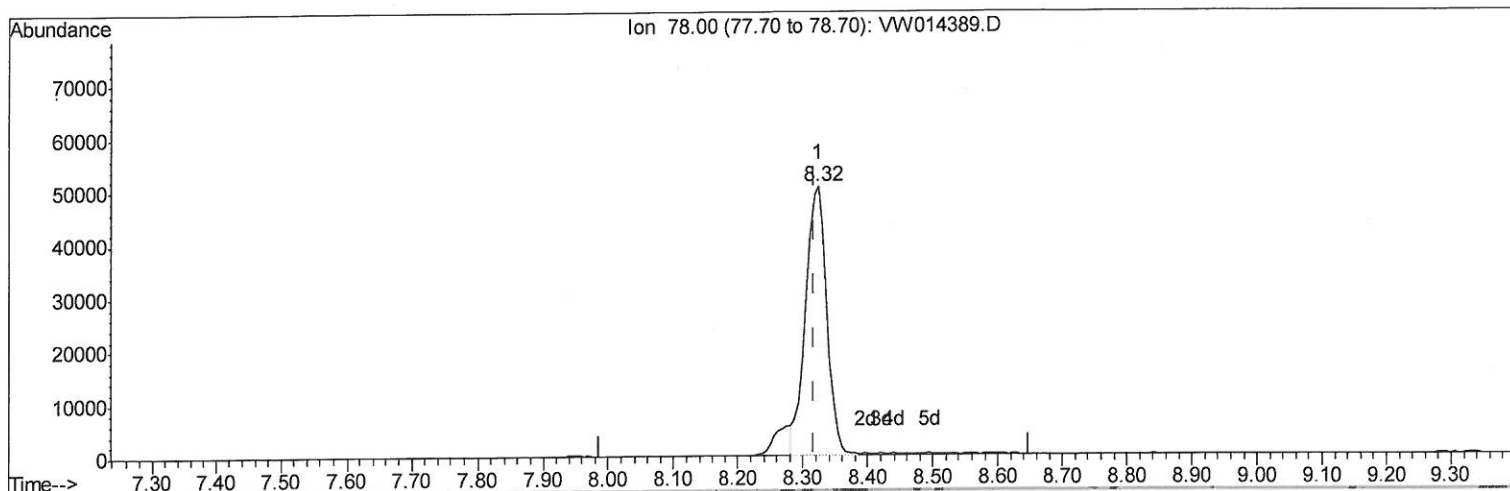
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(34) Benzene (T)

8.323min (+0.006) 1.70ug/L m

response 115128

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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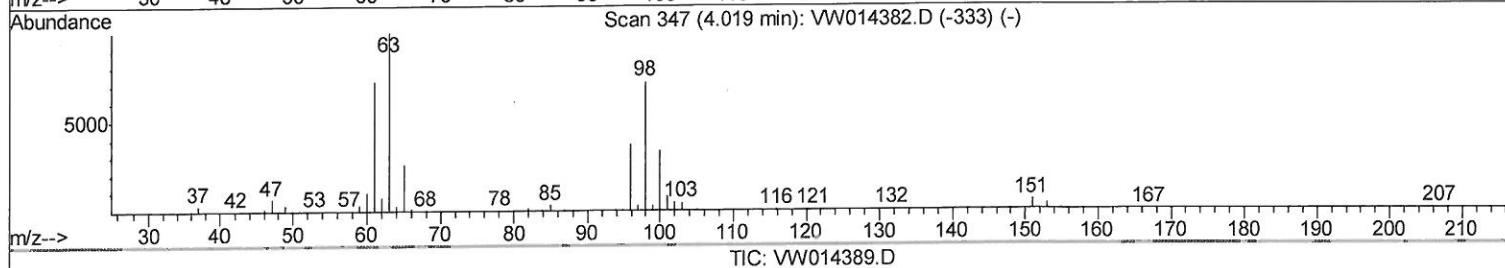
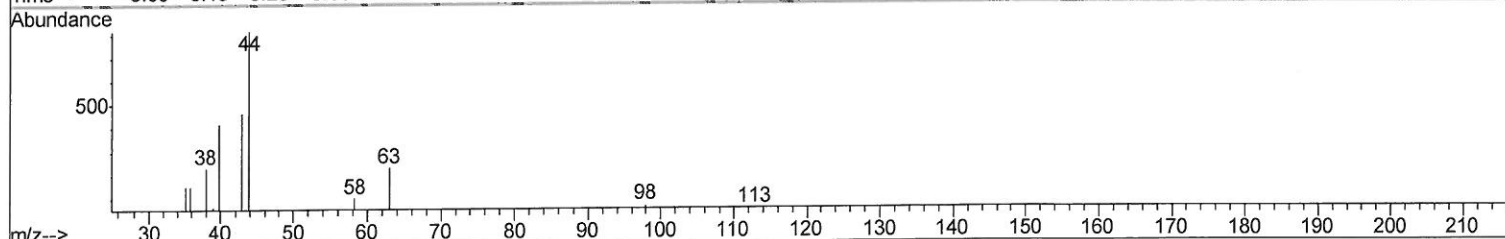
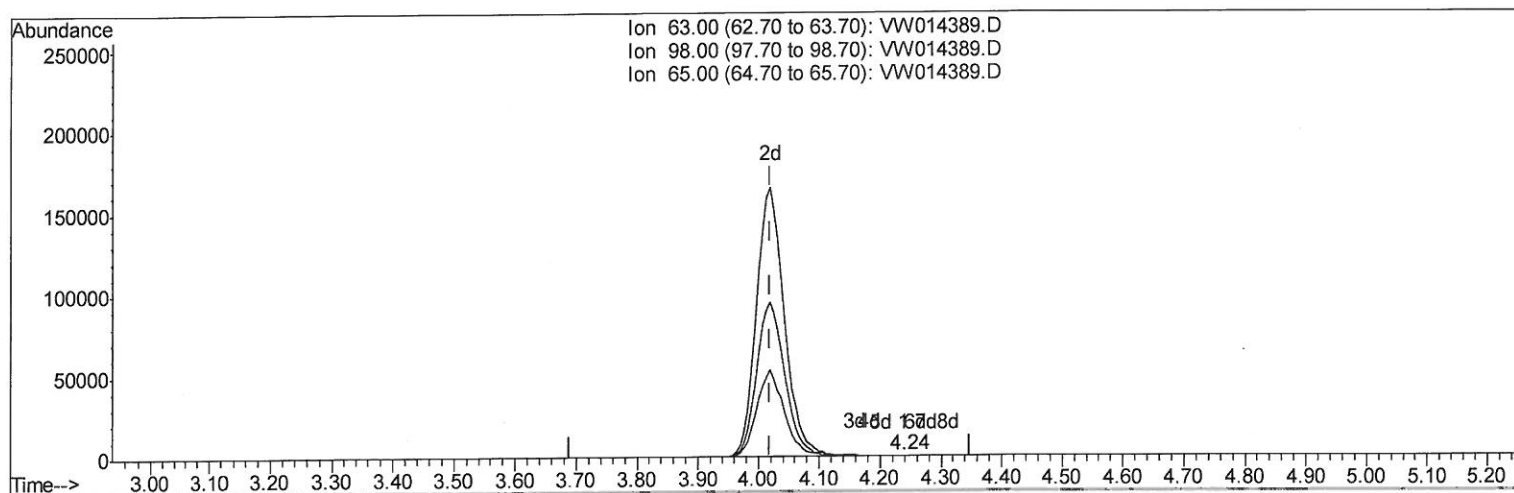
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Instrument :
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(10) 1,1-Dichloroethene-d2 (S)

4.239min (+0.219) 0.00ug/L

response 119

Ion	Exp%	Act%
63.00	100	100
98.00	79.10	66.39
65.00	23.50	21.01
0.00	0.00	0.00

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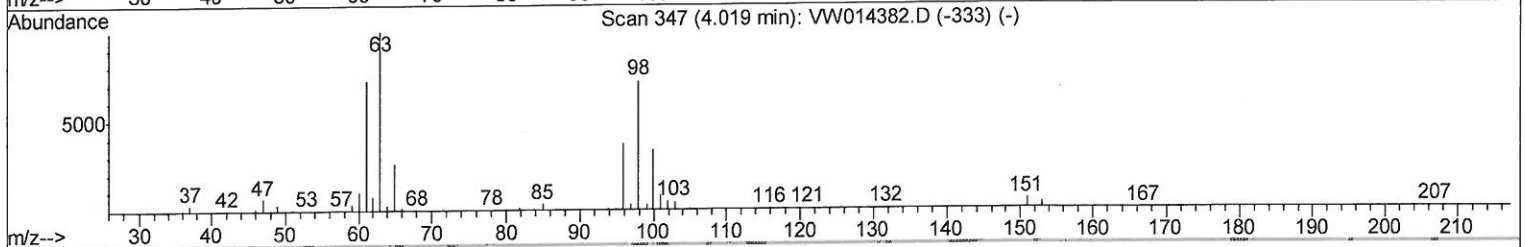
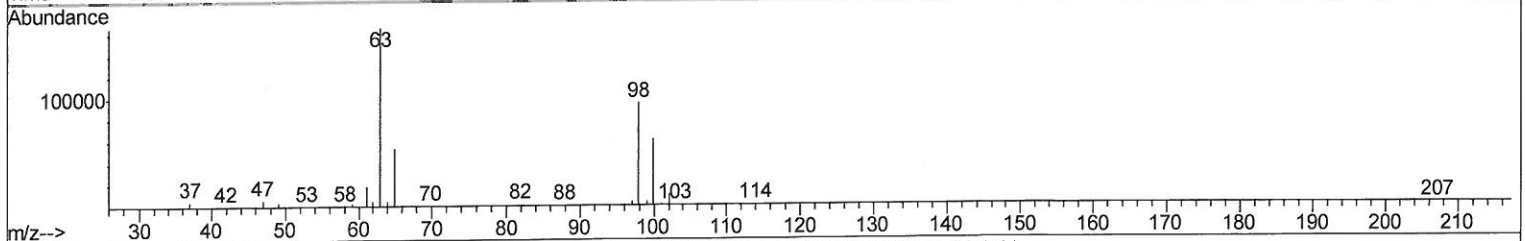
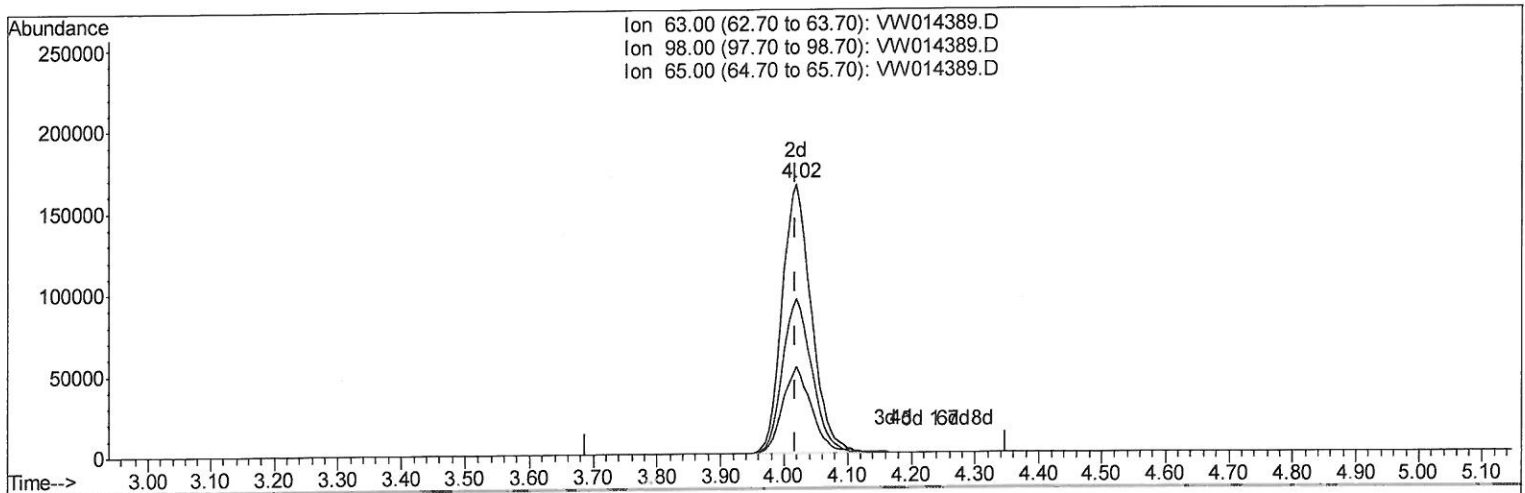
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TIC: VW014389.D

(10) 1,1-Dichloroethene-d2 (S)

4.019min (-0.000) 16.60ug/L m

12/18/19 SY

response 525903

Ion	Exp%	Act%
63.00	100	100
98.00	79.10	0.02#
65.00	23.50	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

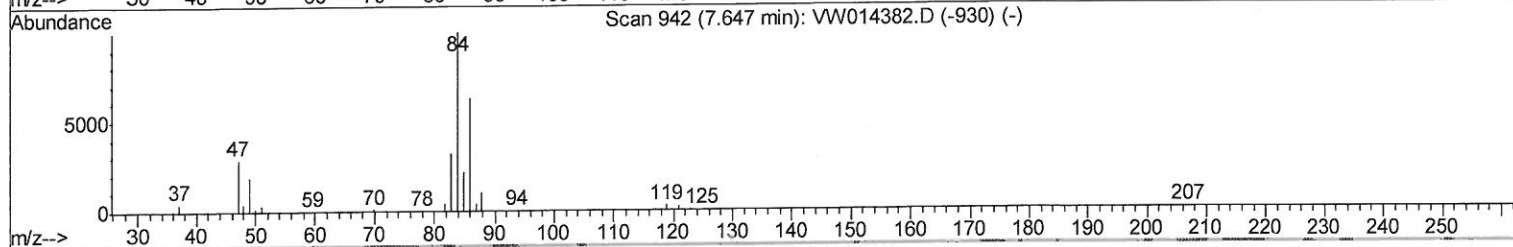
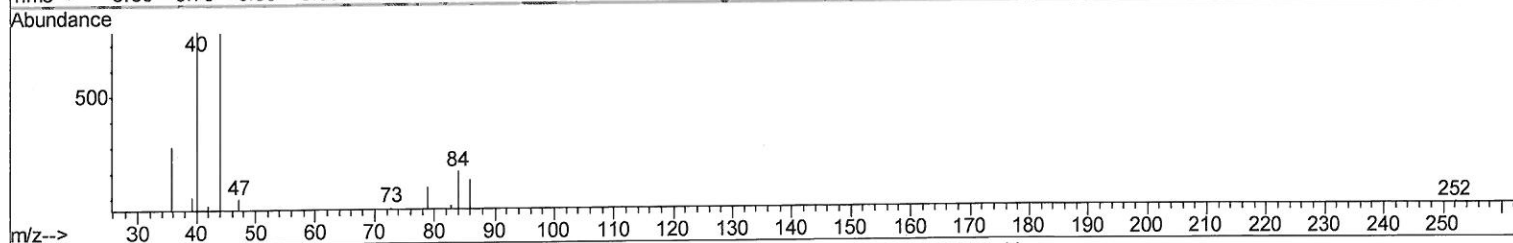
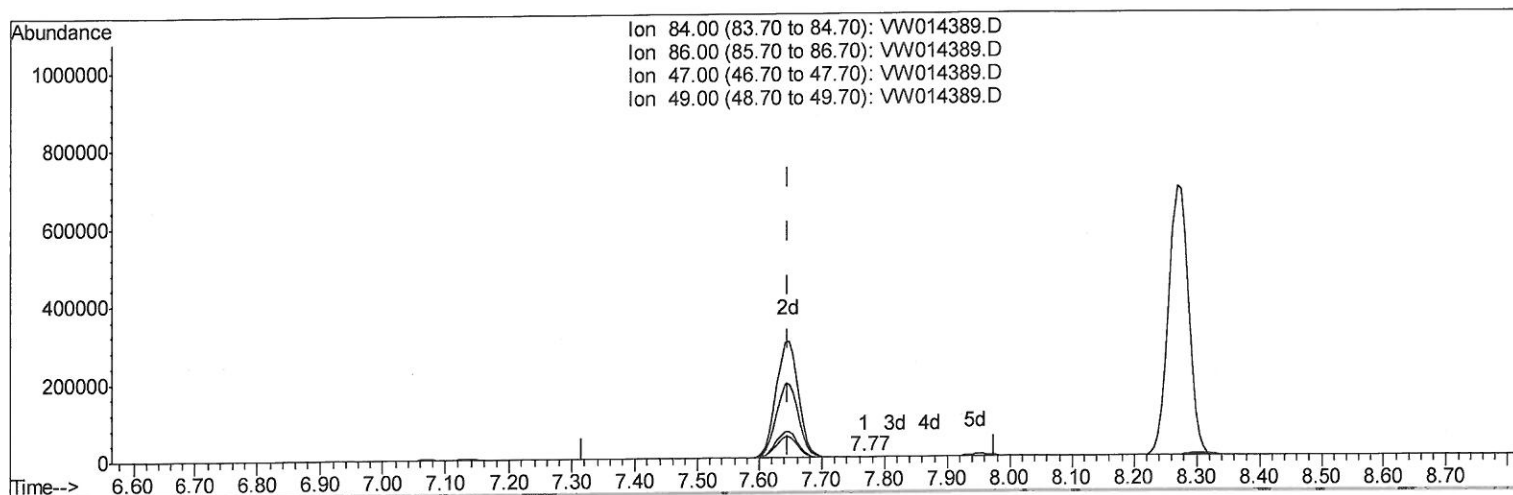
Data File : VW014389.D
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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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TIC: VW014389.D

(24) Chloroform-d (S)

7.769min (+0.122) 0.01ug/L

response 209

Ion	Exp%	Act%
84.00	100	100
86.00	62.00	59.81
47.00	40.50	44.98
49.00	22.80	24.88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Quantitation Report (Qedit)

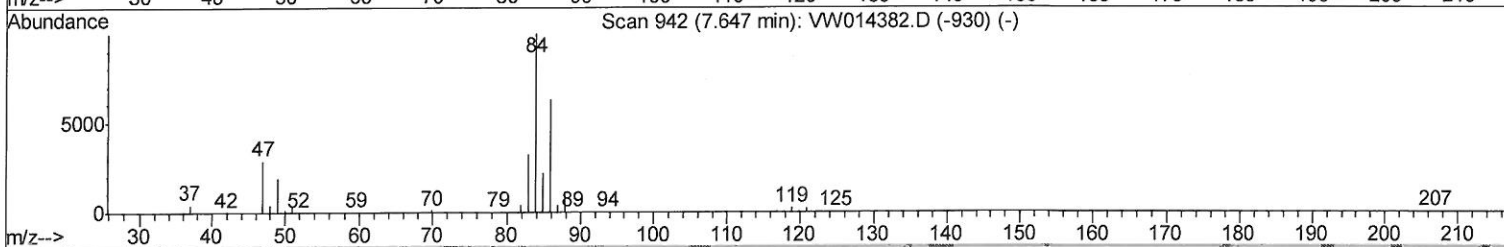
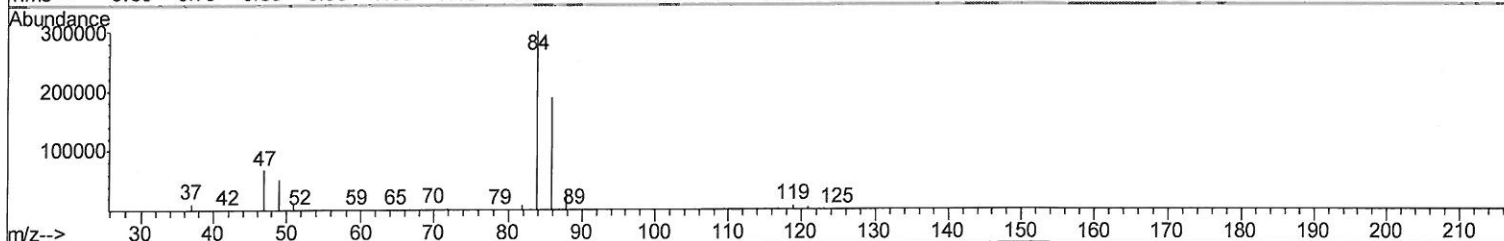
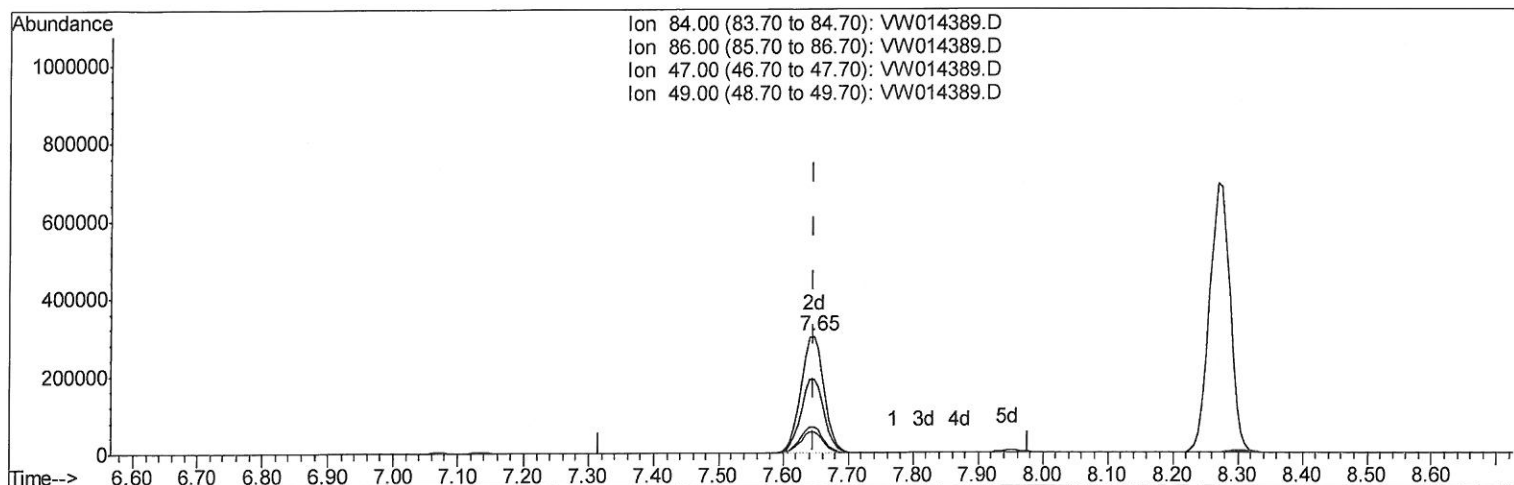
Data File : VW014389.D
Acq On : 17 Dec 2019 13:44
Operator : SY/VA
Sample : K6270-09
Misc : 4.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK85

Manual Integrations
APPROVED

MMDadoda
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TIC: VW014389.D

(24) Chloroform-d (S)

7.647min (-0.000) 24.52ug/L m

response 739548

Ion	Exp%	Act%
84.00	100	100
86.00	62.00	0.02#
47.00	40.50	0.01#
49.00	22.80	0.01#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Quantitation Report (Qedit)

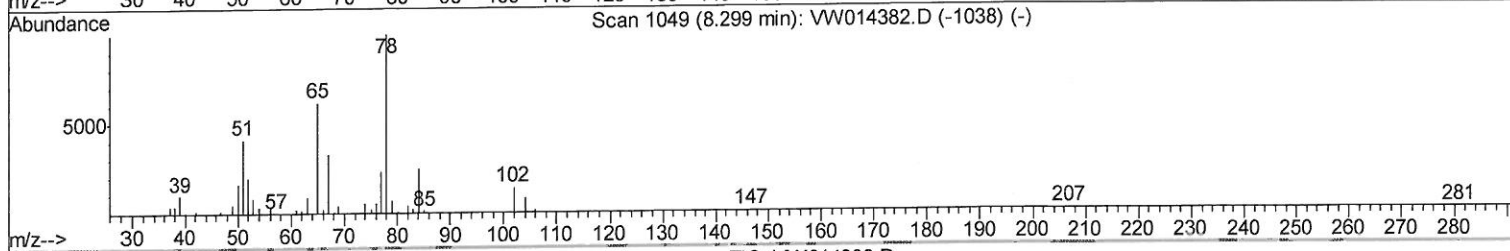
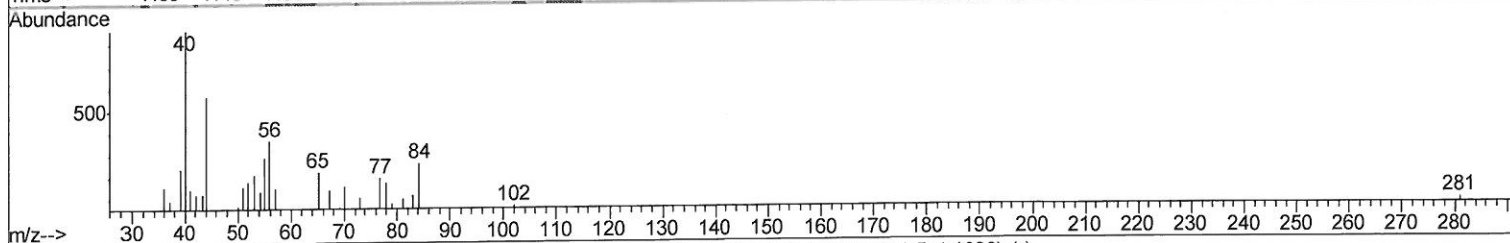
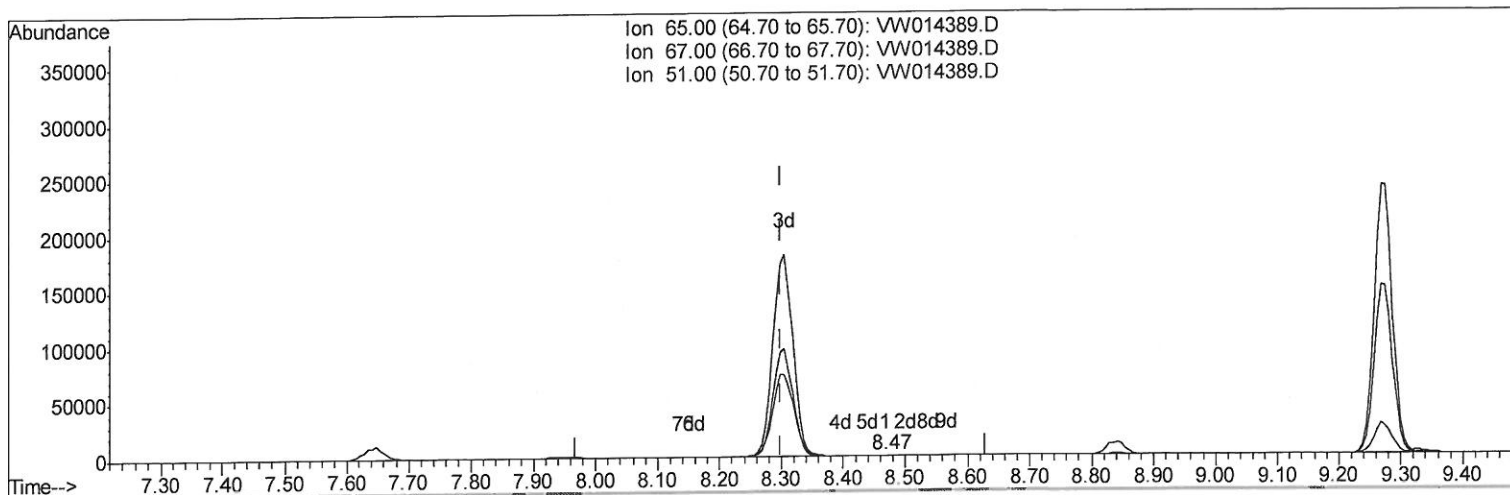
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Sample : K6270-09
Misc : 4.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ETK85

Manual Integrations
APPROVED

MMDadoda
12/18/2019 3:30:40 PM

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TIC: VW014389.D

(26) 1,2-Dichloroethane-d4 (S)

8.470min (+0.171) 0.01ug/L

response 176

Ion	Exp%	Act%
65.00	100	100
67.00	54.40	51.70
51.00	107.20	76.14
0.00	0.00	0.00

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Quantitation Report (Qedit)

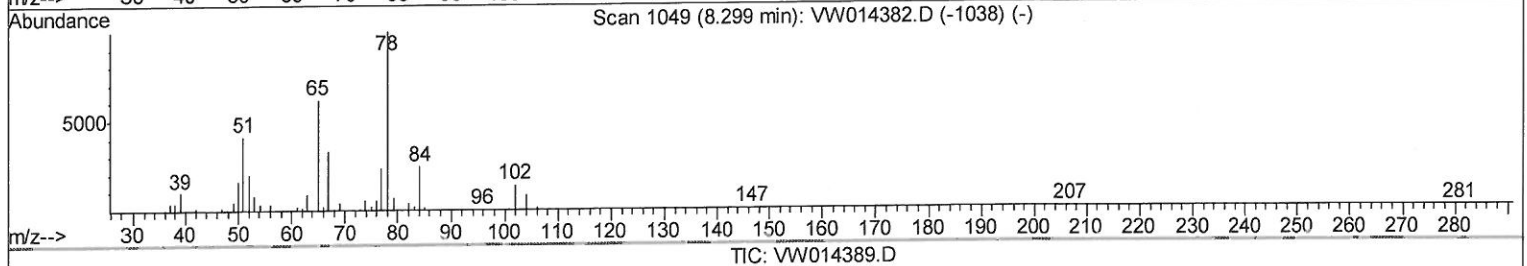
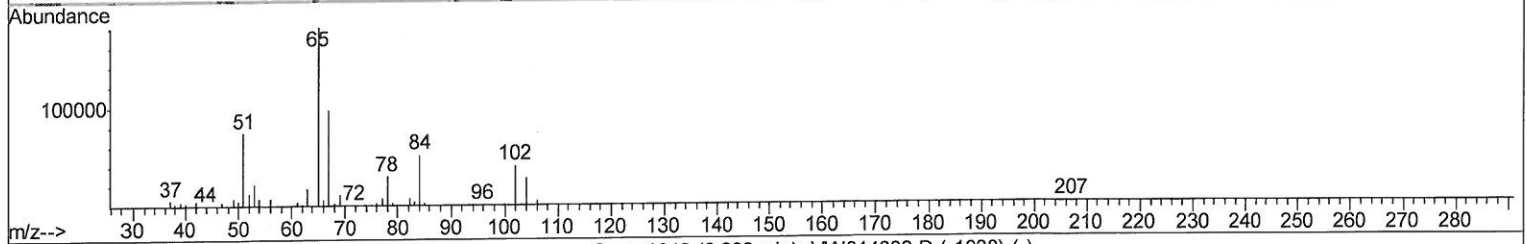
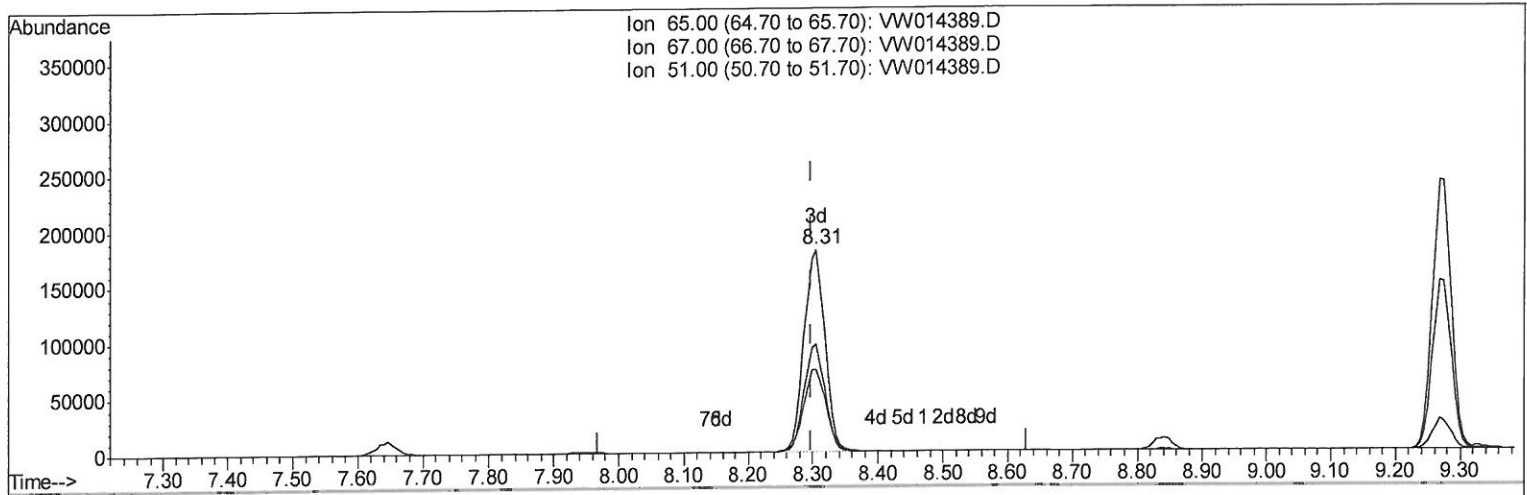
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Sample : K6270-09
Misc : 4.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK85

Manual Integrations
APPROVED

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Response via : Initial Calibration



(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.006) 25.29ug/L m

12/18/19 sy

response 399928

Ion	Exp%	Act%
65.00	100	100
67.00	54.40	0.02#
51.00	107.20	0.03#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Quantitation Report (QT Reviewed)

Data File : VW014389.D
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Sample : K6270-09
Misc : 4.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK85

Manual Integrations
APPROVED

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Quant Time: Dec 18 02:03:38 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1184564	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1070468	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	468000	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	352551	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.60%
7) Chloroethane-d5	2.89	69	295303	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
10) 1,1-Dichloroethene-d2	4.02	63	525903m	16.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.40%
20) 2-Butanone-d5	7.07	46	223940	47.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.82%
24) Chloroform-d	7.65	84	739548m	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.31	65	399928m	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.16%
29) Benzene-d6	8.27	84	1542684	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	9.27	67	487854	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.32	98	1358599	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	10.58	79	185408	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.60%
39) 2-Hexanone-d5	10.92	63	188726	49.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	373684	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	449305	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds					Qvalue	
13) Acetone	4.12	43	27577	6.119	ug/L	96
30) Cyclohexane	7.96	56	22318	0.835	ug/L	86
34) Benzene	8.32	78	115128m	1.699	ug/L	95
36) Methylcyclohexane	9.33	83	37539	1.288	ug/L	98
44) Toluene	10.38	91	288547	4.061	ug/L	94
53) Ethylbenzene	11.73	91	81246	1.054	ug/L	91
54) m,p-Xylene	11.83	106	50412	1.700	ug/L	89
55) o-xylene	12.16	106	19804	0.704	ug/L	

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

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