

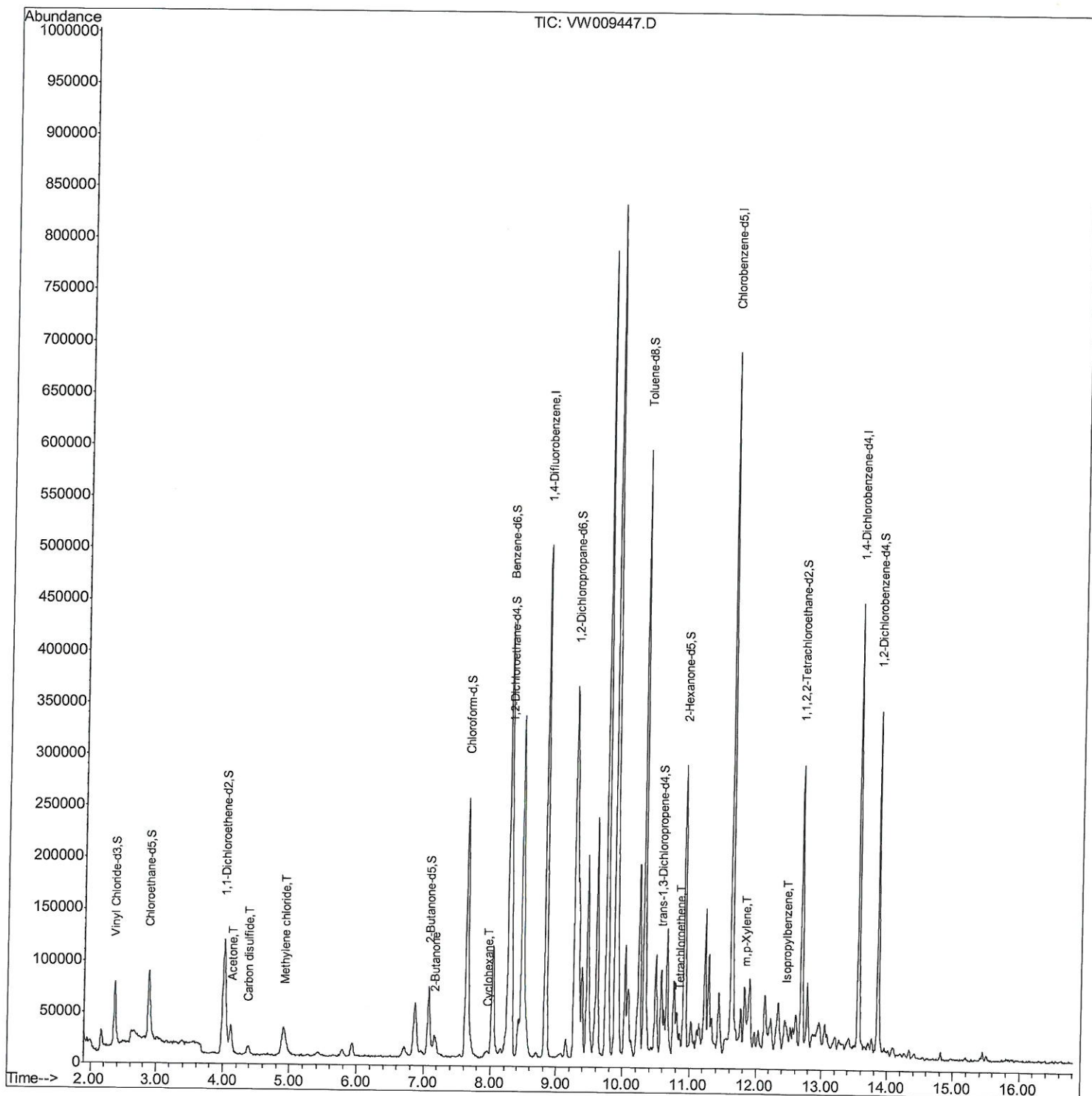
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
Data File : VW009447.D
Acq On : 26 Mar 2019 00:24
Operator : SY/VA
Sample : K2044-15
Misc : 4.98G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W4

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:15:12 PM

Quant Time: Mar 26 10:18:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

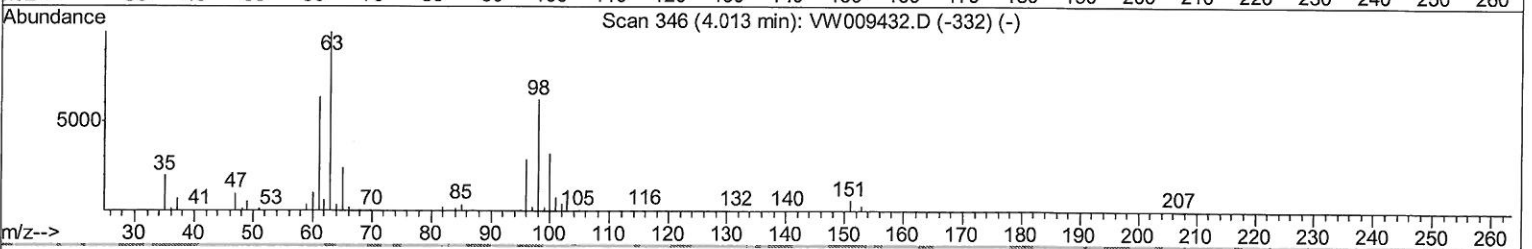
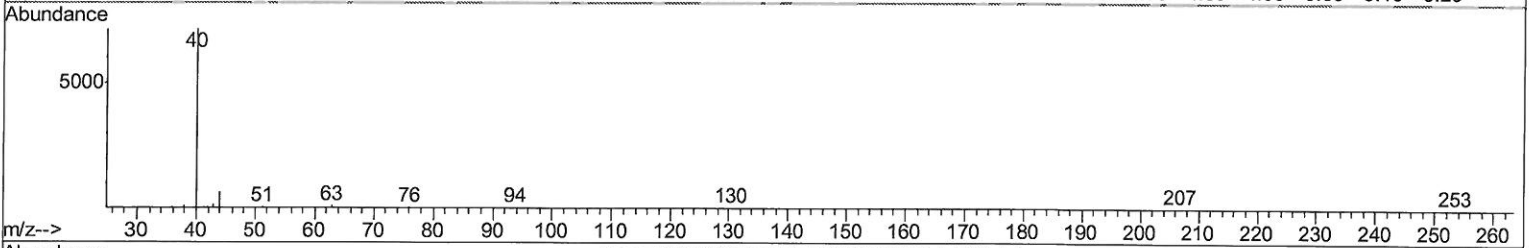
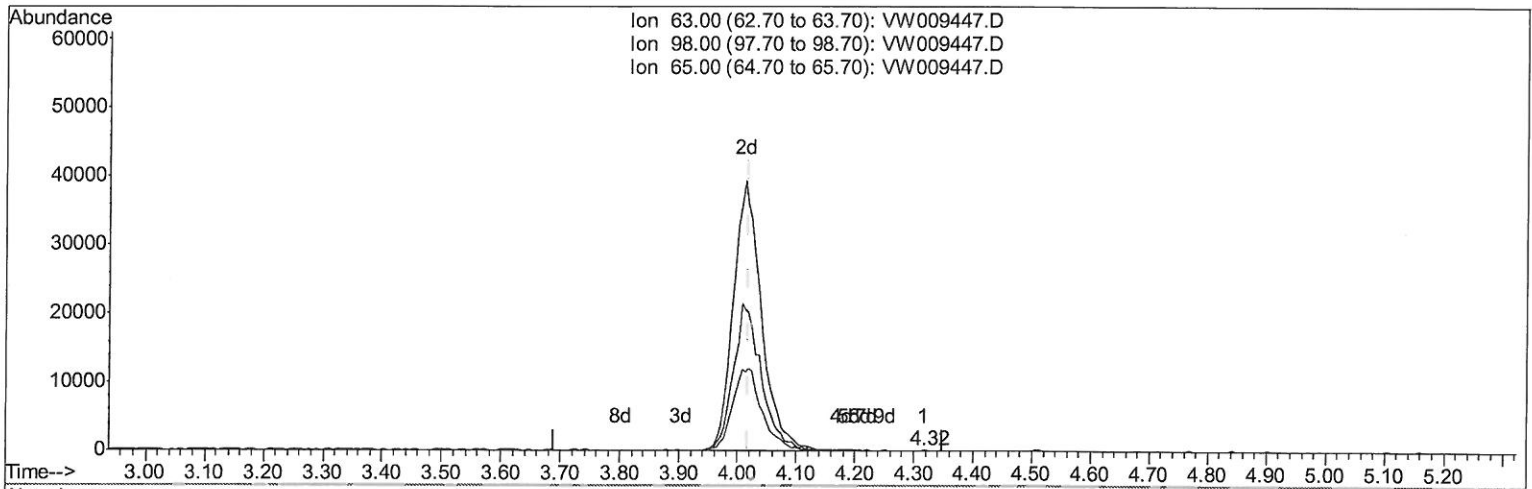
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009447.D
 Acq On : 26 Mar 2019 00:24
 Operator : SY/VA
 Sample : K2044-15
 Misc : 4.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W4

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:12 PM

Quant Time: Mar 26 09:06:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration



TIC: VW009447.D

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

4.318min (+0.299) 0.01ug/L

response 75

Ion	Exp%	Act%
63.00	100	100
98.00	70.80	54.67
65.00	23.00	28.00
0.00	0.00	0.00

Quantitation Report (Qedit)

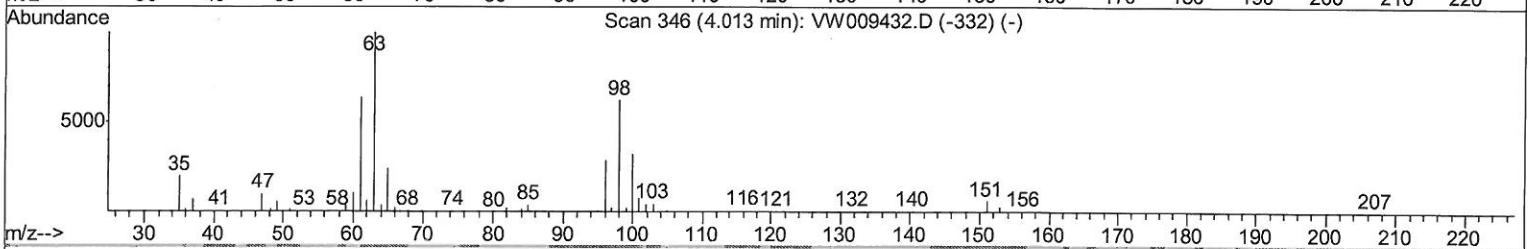
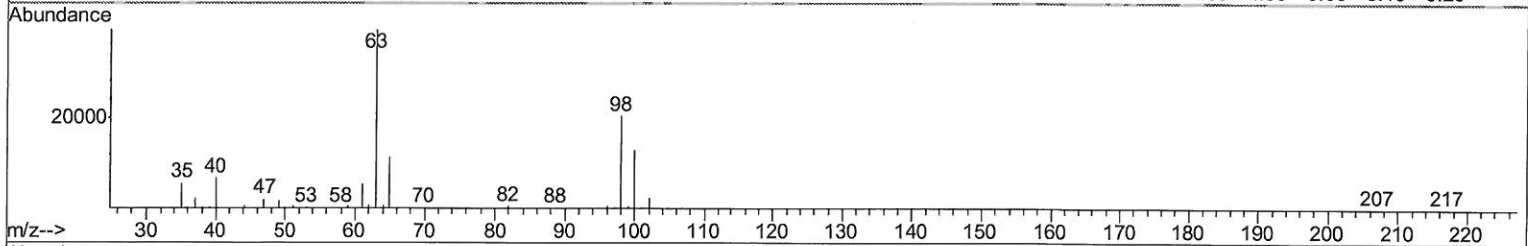
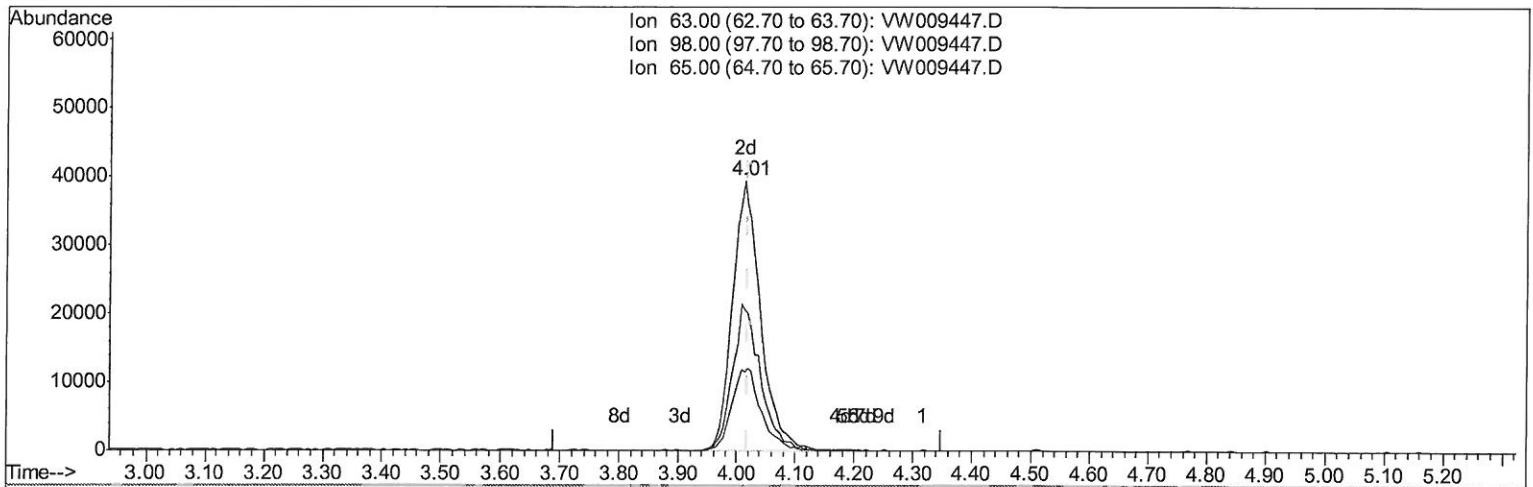
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
Data File : VW009447.D
Acq On : 26 Mar 2019 00:24
Operator : SY/VA
Sample : K2044-15
Misc : 4.98G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W4

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:15:12 PM

Quant Time: Mar 26 09:06:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration



TIC: VW009447.D

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

4.013min (-0.006) 13.16ug/L m

response 134117

Ion	Exp%	Act%
63.00	100	100
98.00	70.80	0.03#
65.00	23.00	0.02#
0.00	0.00	0.00

MD
4/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009447.D
 Acq On : 26 Mar 2019 00:24
 Operator : SY/VA
 Sample : K2044-15
 Misc : 4.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W4

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:12 PM

Quant Time: Mar 26 10:18:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394458	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335427	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	106014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82538	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.04%
7) Chloroethane-d5	2.89	69	94889	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.80%
10) 1,1-Dichloroethene-d2	4.01	63	134117m	13.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.64%
20) 2-Butanone-d5	7.07	46	113188	58.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.12%
24) Chloroform-d	7.65	84	227665	21.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	8.30	65	148348	22.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.52%
29) Benzene-d6	8.27	84	407179	22.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.04%
33) 1,2-Dichloropropane-d6	9.27	67	139745	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.32	98	353253	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.60%
38) trans-1,3-Dichloropropene-	10.57	79	39655	14.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.84%
39) 2-Hexanone-d5	10.93	63	79519	59.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114827	20.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	78755	19.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.48%

MD
 4/6/19

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	47472	29.695	ug/L	97
14) Carbon disulfide	4.38	76	16428	1.257	ug/L	98
16) Methylene chloride	4.92	84	20031	3.482	ug/L	92
21) 2-Butanone	7.17	43	22656	10.264	ug/L	89
30) Cyclohexane	7.95	56	3451	0.453	ug/L #	73
47) Tetrachloroethene	10.86	164	1170	0.283	ug/L #	72
54) m,p-Xylene	11.84	106	2910	0.339	ug/L	88
57) Isopropylbenzene	12.46	105	7882	0.352	ug/L	98

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