

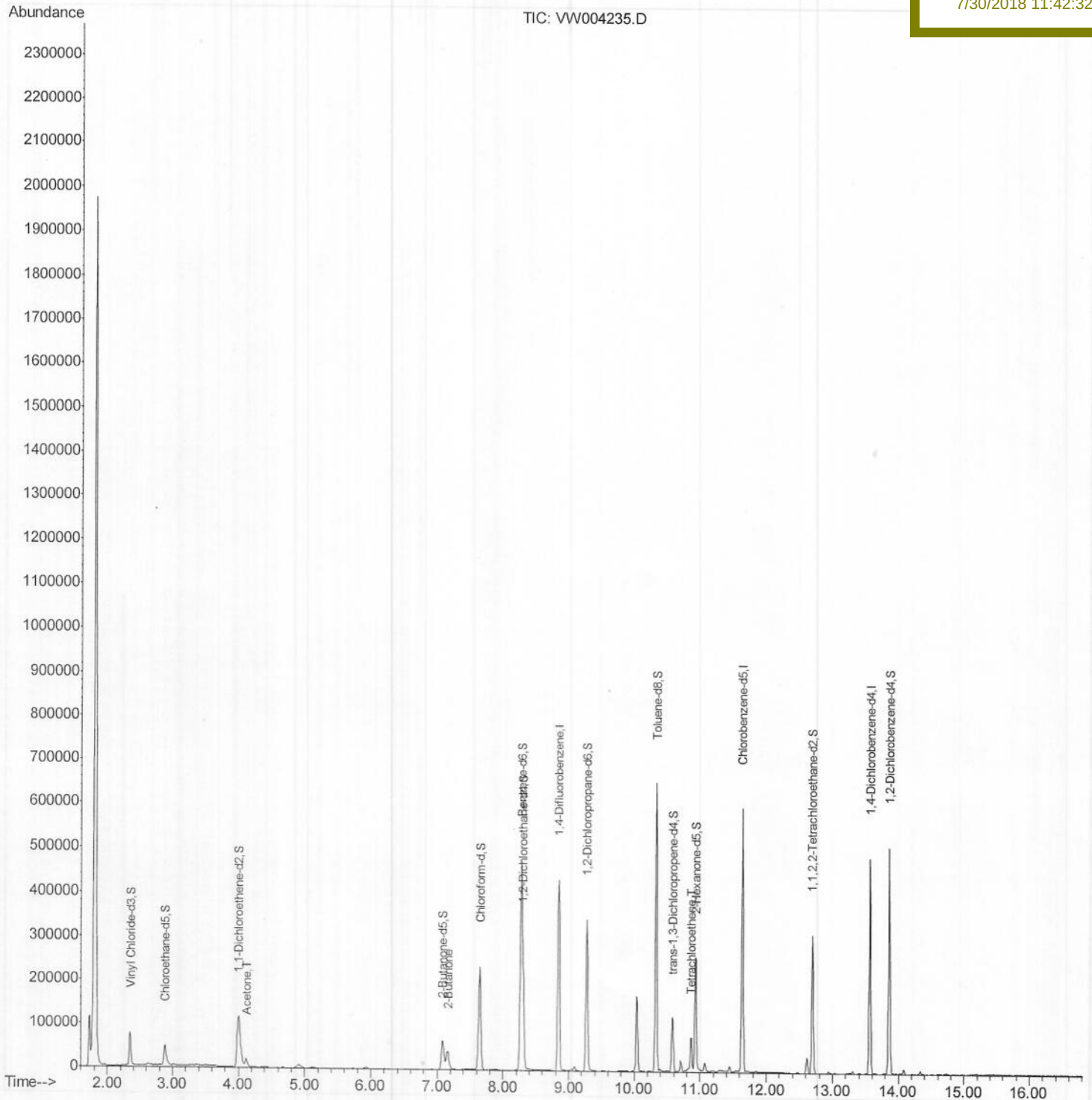
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
Data File : VW004235.D
Acq On : 26 Jul 2018 18:33
Operator : SY/AP
Sample : J4169-03
Misc : 5.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 27 03:49:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 27 02:54:01 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
BEY58

Manual Integrations
APPROVED

MMDadoda
7/30/2018 11:42:32 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\

Data File : VW004235.D

Acq On : 26 Jul 2018 18:33

Operator : SY/AP

Sample : J4169-03

Misc : 5.34G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 27 02:56:04 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M

Quant Title : VOC Analysis

QLast Update : Fri Jul 27 02:54:01 2018

Response via : Initial Calibration

Instrument :

MSVOA_W

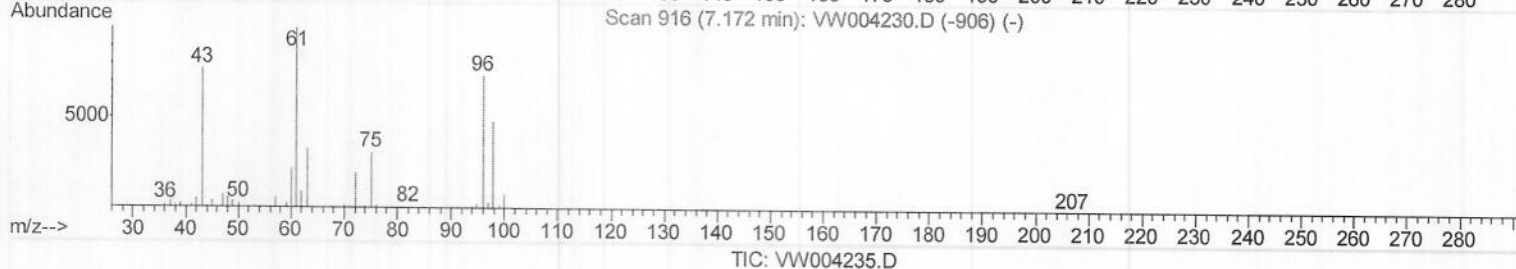
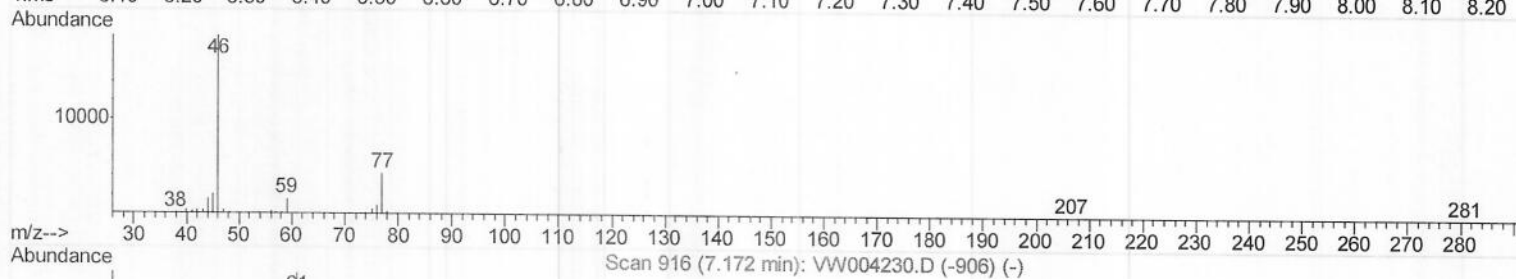
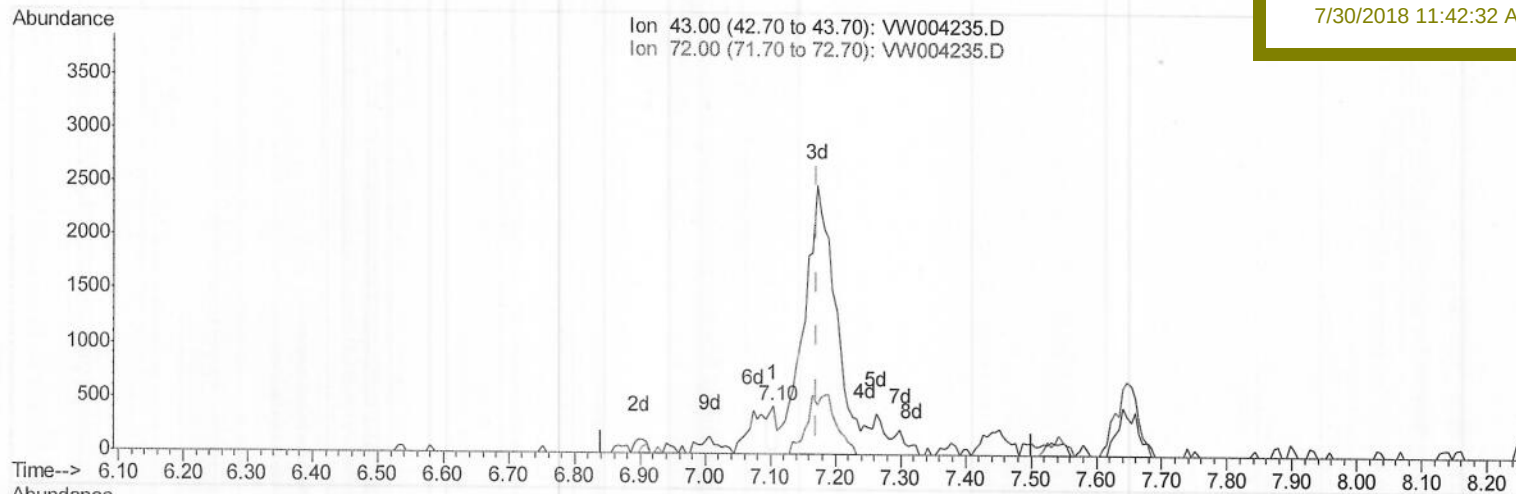
ClientSampleId :

BEY58

Manual Integrations
APPROVED

MMDadoda

7/30/2018 11:42:32 AM



TIC: VW004235.D

(21) 2-Butanone

7.104min (-0.067) 0.13ug/L

response 334

Ion	Exp%	Act%
43.00	100	100
72.00	24.60	23.35
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : VOC Analysis

QLast Update : Fri Jul 27 02:54:01 2018

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

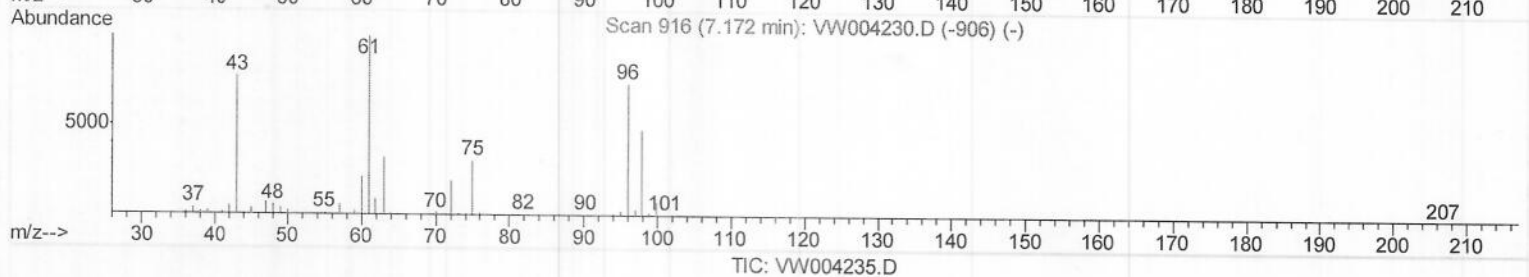
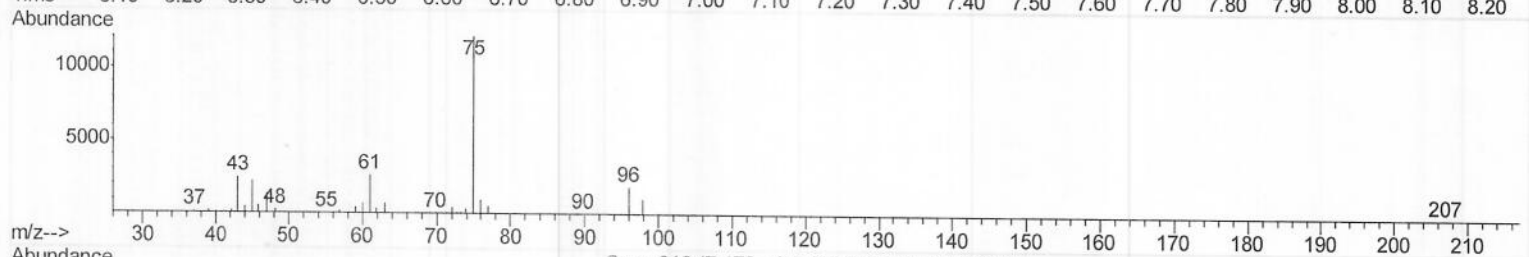
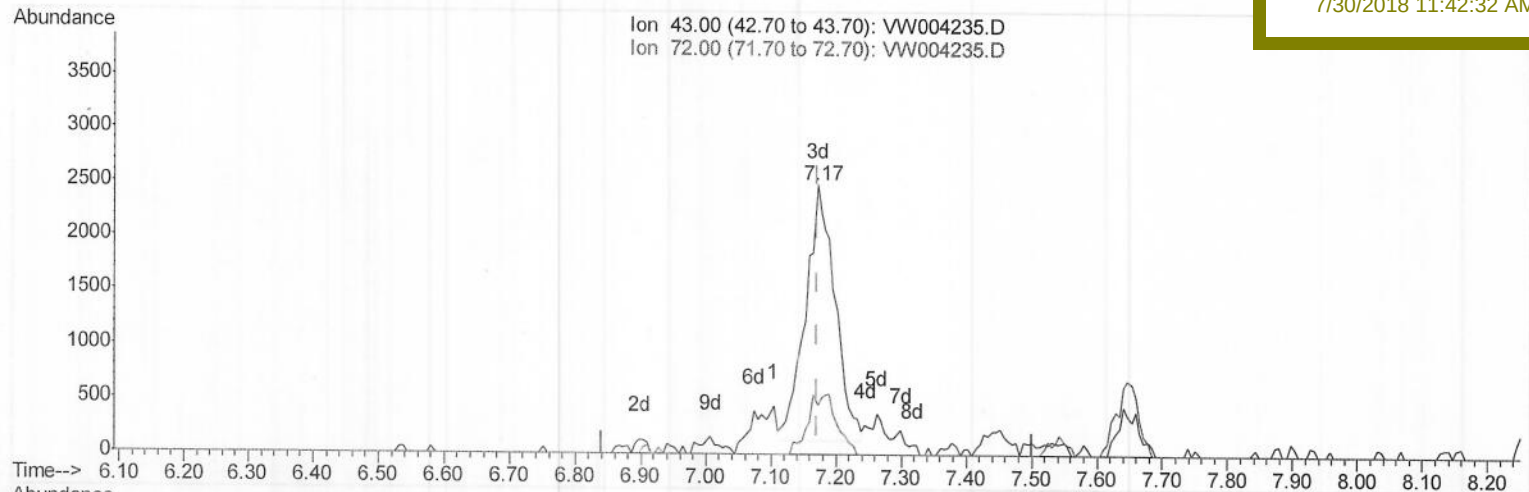
BEY58

Manual Integrations

APPROVED

MMDadoda

7/30/2018 11:42:32 AM



(21) 2-Butanone

7.171min (-0.000) 2.89ug/L m > MD 07/31/18

response 7443

Ion	Exp%	Act%
43.00	100	100
72.00	24.60	1.05#
0.00	0.00	0.00
0.00	0.00	0.00

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 Misc : 5.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BEY58

Quant Time: Jul 27 03:49:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:54:01 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 11:42:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	355514	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	121115	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	89491	25.00	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	100.00%	
7) Chloroethane-d5	2.89	69	65631	25.21	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	100.84%	
10) 1,1-Dichloroethene-d2	4.00	63	159262	18.64	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	74.56%	
20) 2-Butanone-d5	7.08	46	110069	54.32	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	108.64%	
24) Chloroform-d	7.65	84	239078	26.26	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	105.04%	
26) 1,2-Dichloroethane-d4	8.31	65	154200	28.16	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	112.64%	
29) Benzene-d6	8.27	84	473823	27.72	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	110.88%	
33) 1,2-Dichloropropane-d6	9.27	67	161593	28.43	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	113.72%	
37) Toluene-d8	10.33	98	430859	26.67	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	106.68%	
38) trans-1,3-Dichloropropene-	10.58	79	66592	25.81	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	103.24%	
39) 2-Hexanone-d5	10.93	63	81269	54.40	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	108.80%	
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158665	27.33	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	109.32%	
61) 1,2-Dichlorobenzene-d4	13.86	152	137032	30.27	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	121.08%#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	28845	14.099	ug/L	99
21) 2-Butanone	7.17	43	7443m)	2.886	ug/L	
47) Tetrachloroethene	10.87	164	16352	4.191	ug/L	96

MP 04/31/18

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