

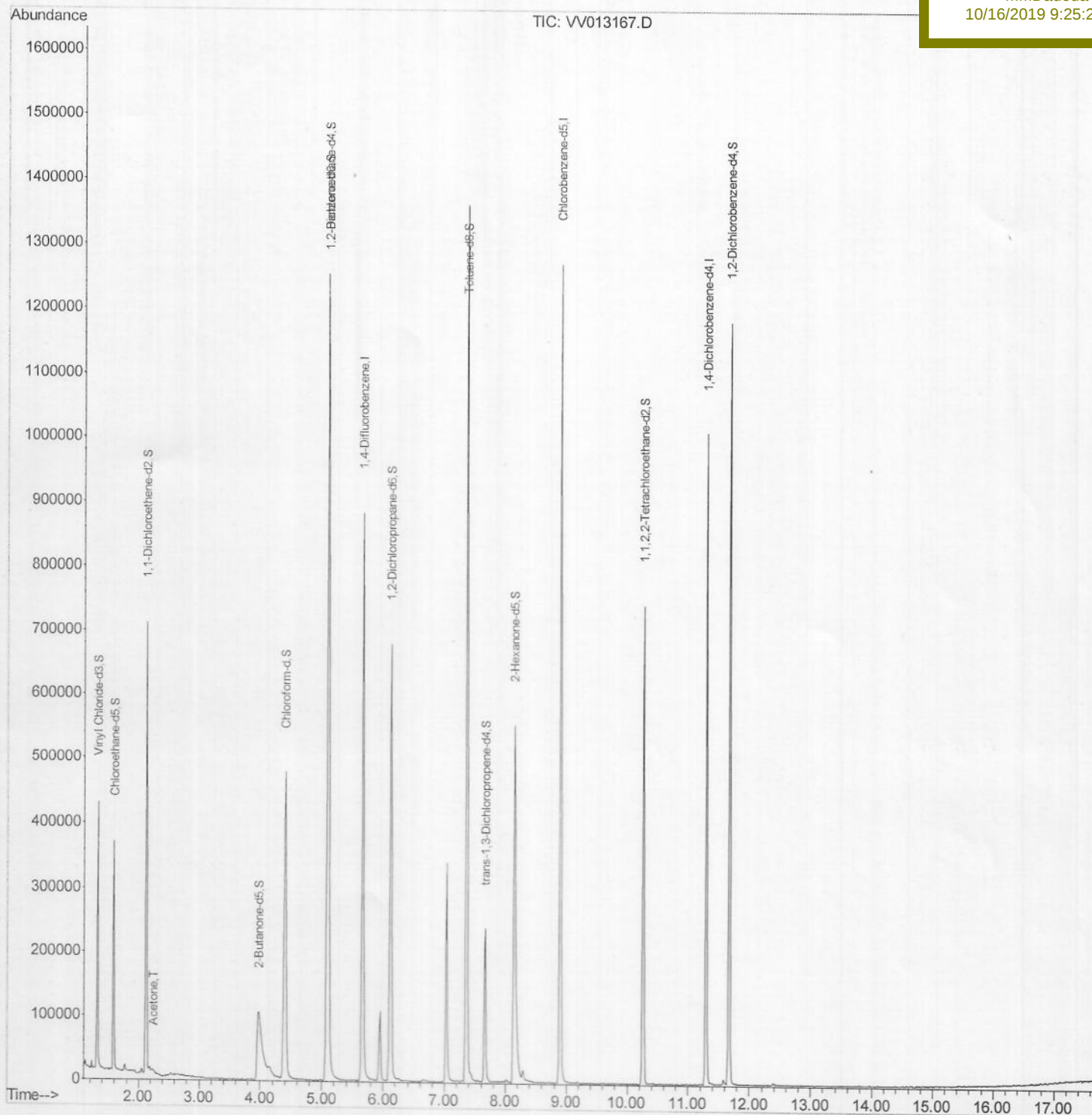
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV101519\Reviewed Data\
Data File : VV013167.D
Acq On : 15 Oct 2019 15:31
Operator : SY/MD
Sample : K5354-15
Misc : 5.00ML/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 15 18:50:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 15 18:13:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFBB8

Manual Integrations
APPROVED

MMDadoda
10/16/2019 9:25:22 AM



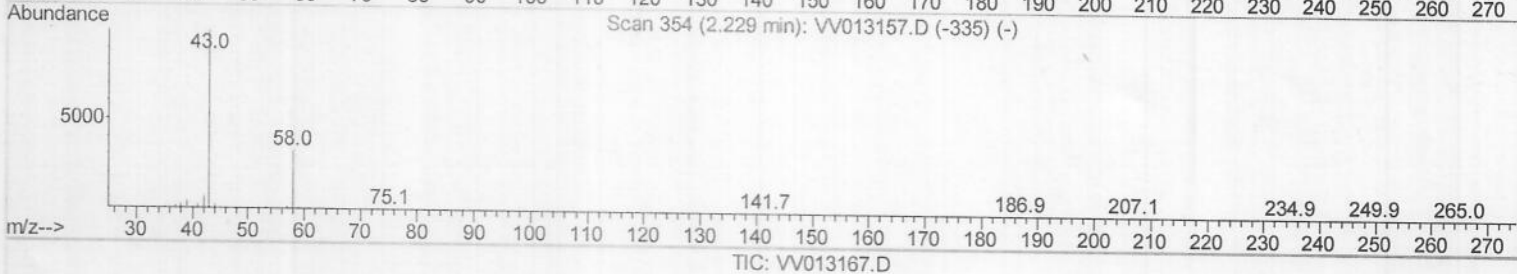
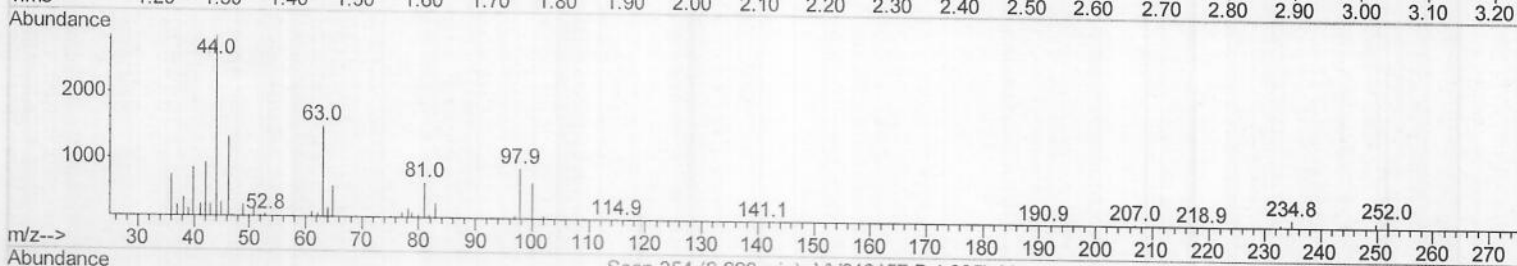
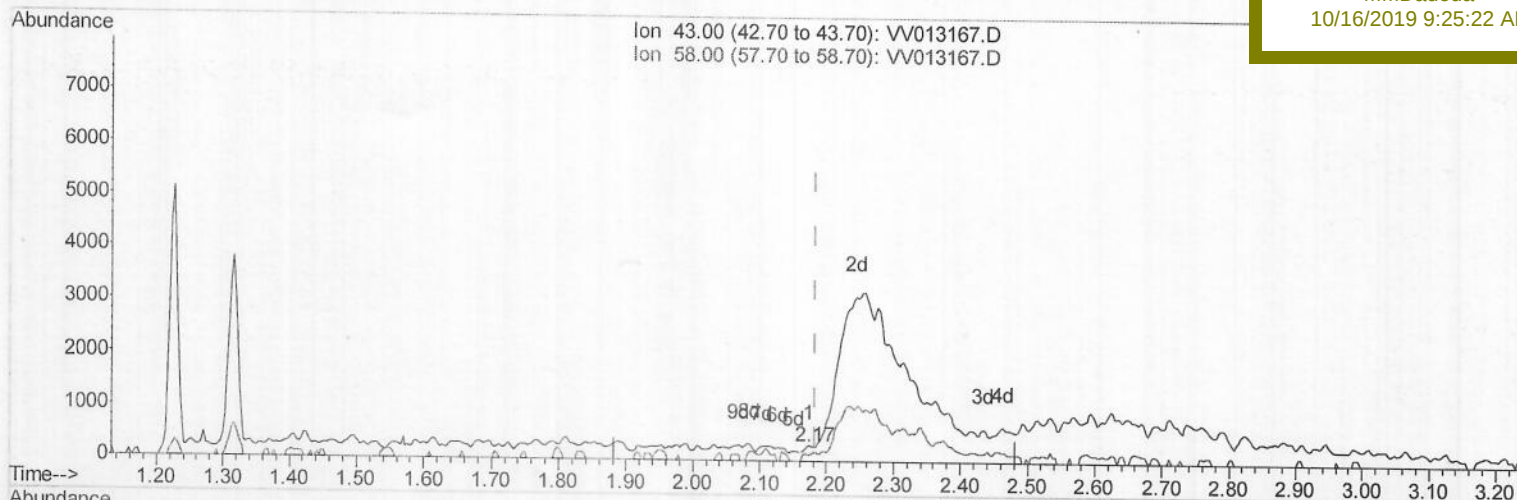
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV101519\Reviewed Data\
Data File : VV013167.D
Acq On : 15 Oct 2019 15:31
Operator : SY/MD
Sample : K5354-15
Misc : 5.00ML/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 16 12:02:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 16 10:30:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFBB8

Manual Integrations
APPROVED

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10/16/2019 9:25:22 AM



(13) Acetone (T)

2.174min (-0.010) 0.04ug/L

response 124

Ion	Exp%	Act%
43.00	100	100
58.00	33.10	19.35
0.00	0.00	0.00
0.00	0.00	0.00

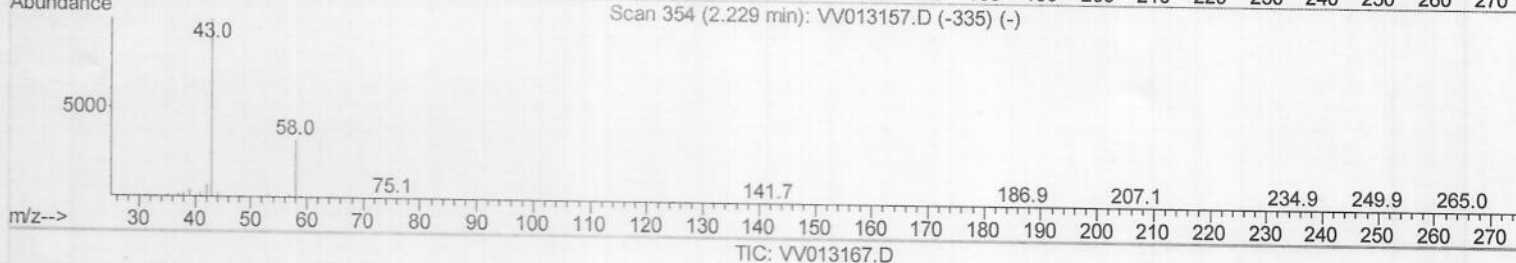
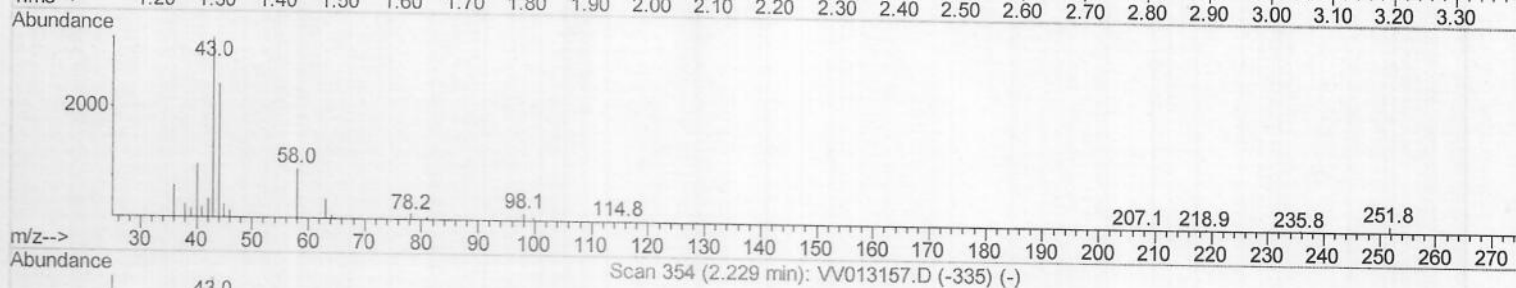
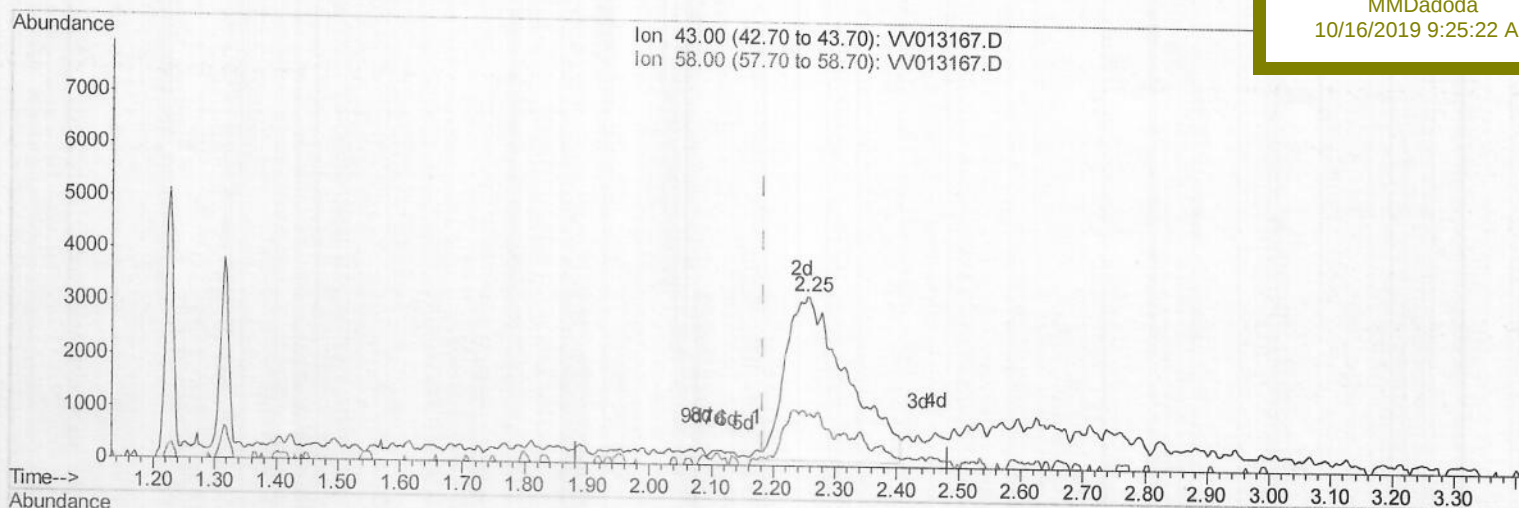
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV101519\Reviewed Data\
 Data File : VV013167.D
 Acq On : 15 Oct 2019 15:31
 Operator : SY/MD
 Sample : K5354-15
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 15 18:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 18:13:27 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_V
 ClientSampleId :
 BFBB8

Manual Integrations
 APPROVED

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 10/16/2019 9:25:22 AM



(13) Acetone (T)

2.254min (+0.071) 6.63ug/L m

response 22042

Ion	Exp%	Act%
43.00	100	100
58.00	33.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

M.D 10/21/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV101519\Reviewed Data\
 Data File : VV013167.D
 Acq On : 15 Oct 2019 15:31
 Operator : SY/MD
 Sample : K5354-15
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 Client Sample ID :
 BFBB8

Quant Time: Oct 15 18:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 18:13:27 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 9:25:22 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	762217	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	709825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	268469	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	270275	56.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	112.20%		
7) Chloroethane-d5	1.58	69	226412	57.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	114.66%		
11) 1,1-Dichloroethene-d2	2.13	63	357502	39.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.68%		
21) 2-Butanone-d5	3.97	46	365454	100.88	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.88%		
24) Chloroform-d	4.40	84	494959	53.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.72%		
26) 1,2-Dichloroethane-d4	5.08	65	321509	56.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	112.46%		
32) Benzene-d6	5.10	84	1073035	56.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.32%		
36) 1,2-Dichloropropane-d6	6.12	67	333545	56.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	112.42%		
41) Toluene-d8	7.36	98	902724	53.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.54%		
43) trans-1,3-Dichloropropene-	7.66	79	131388	48.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.76%		
47) 2-Hexanone-d5	8.14	63	200016	84.72	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.72%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	349355	45.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.24%		
64) 1,2-Dichlorobenzene-d4	11.67	152	322920	61.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	122.78%#		

Target Compounds

13) Acetone	2.25	43	22042m	6.627	ug/L	Ovalue
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M.D 10/21/19

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