

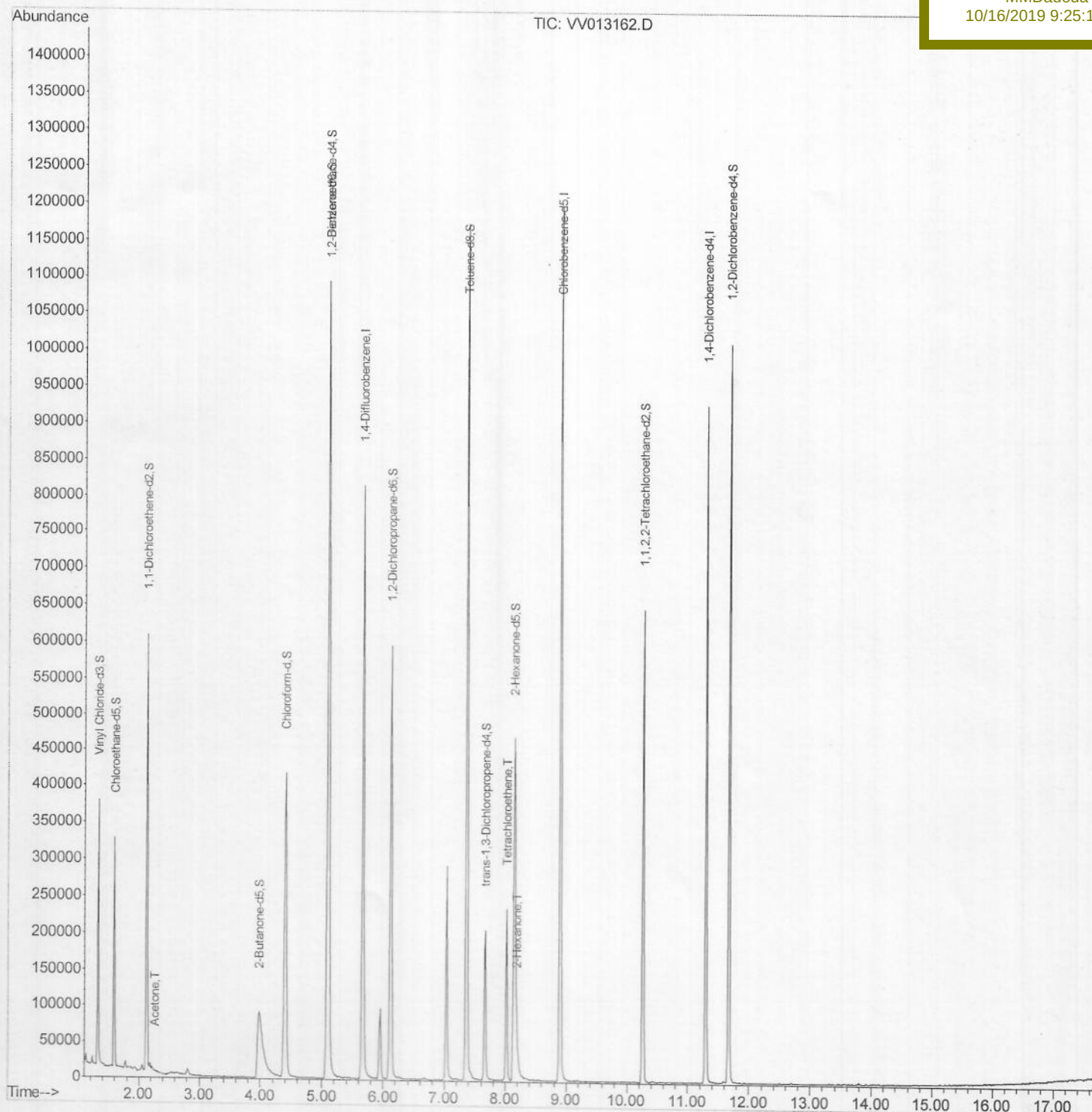
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV101519\Reviewed Data\
Data File : VV013162.D
Acq On : 15 Oct 2019 13:23
Operator : SY/MD
Sample : K5347-14
Misc : 5.00ML/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 15 18:52:15 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 :
C0AG3

Manual Integrations
APPROVED

MMDadoda
10/16/2019 9:25:17 AM



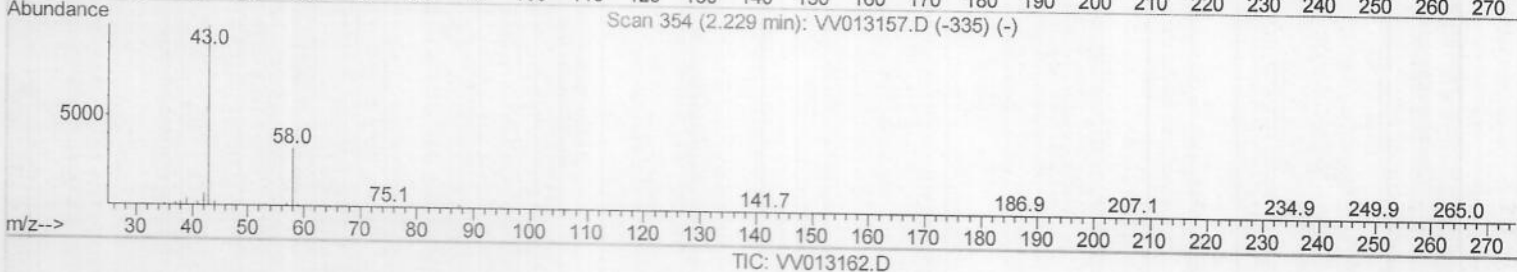
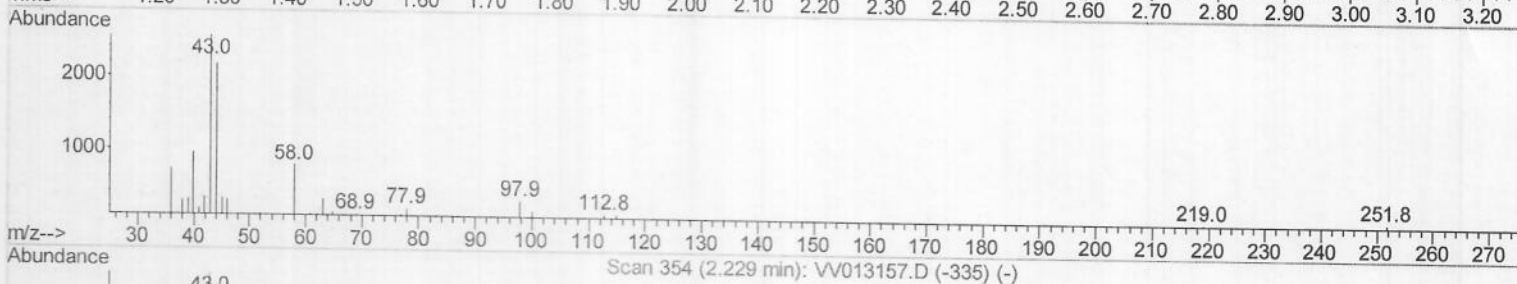
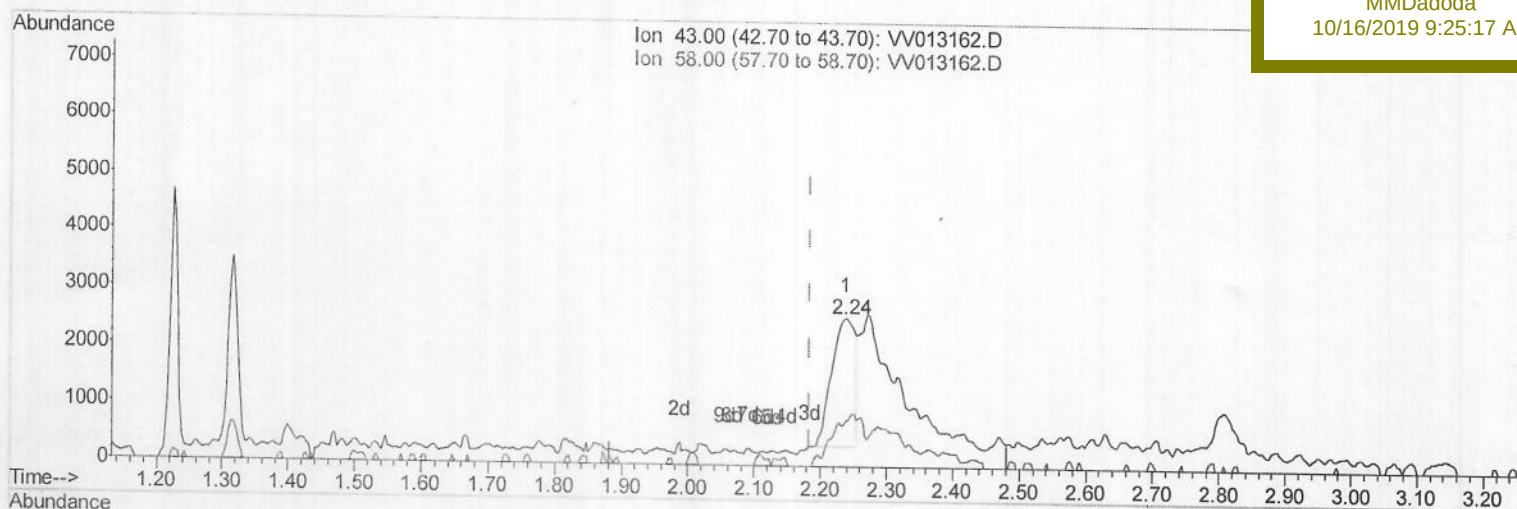
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV101519\Reviewed Data\
Data File : VV013162.D
Acq On : 15 Oct 2019 13:23
Operator : SY/MD
Sample : K5347-14
Misc : 5.00ML/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 16 12:01:09 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
ClientSampled :
C0AG3

Manual Integrations
APPROVED

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(13) Acetone (T)

2.238min (+0.055) 1.76ug/L

response 5463

Ion	Exp%	Act%
43.00	100	100
58.00	33.10	12.80
0.00	0.00	0.00
0.00	0.00	0.00

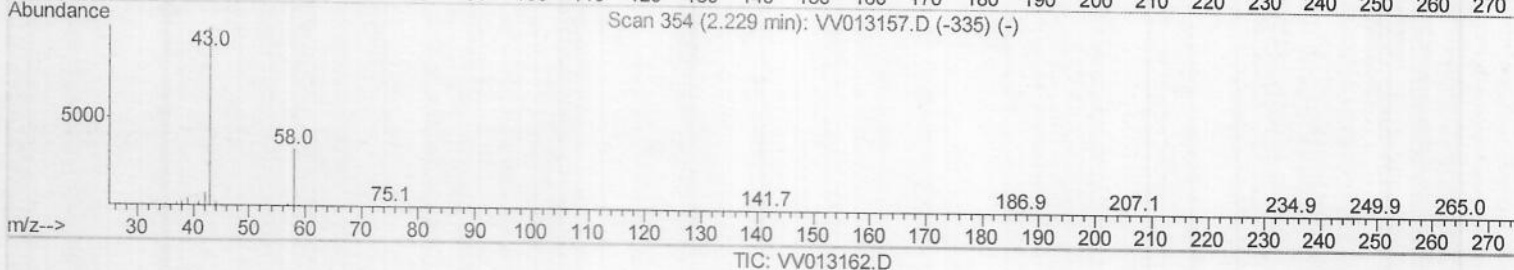
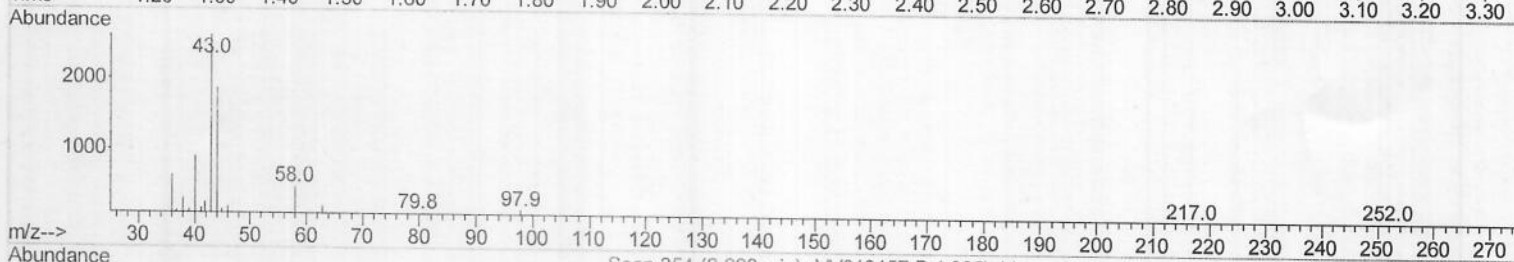
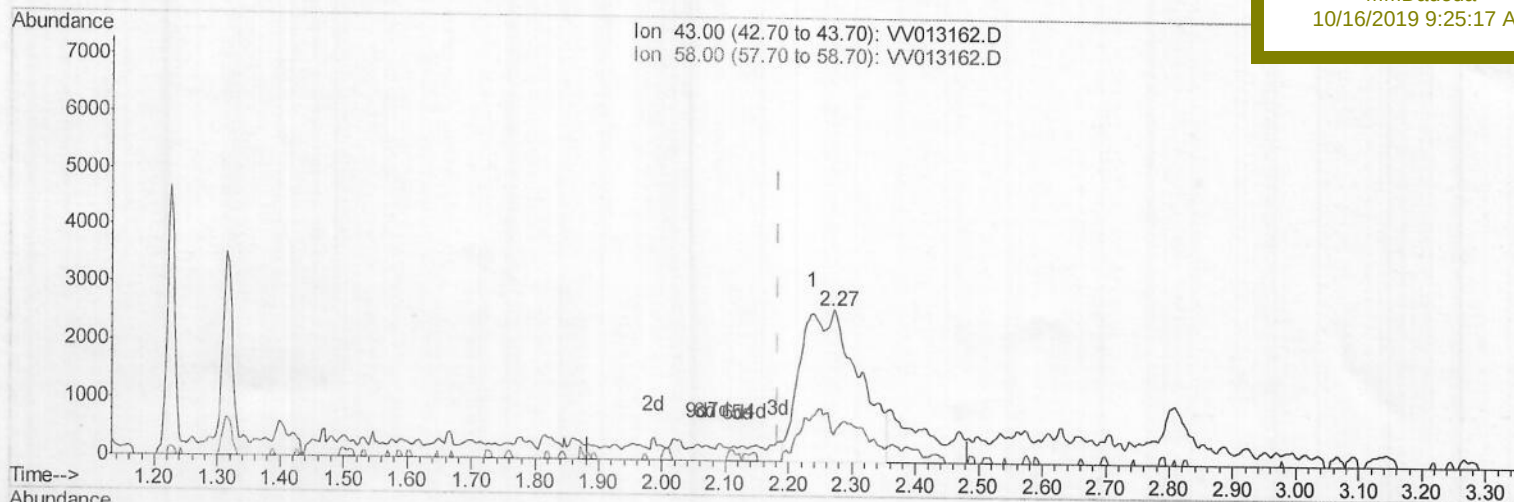
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV101519\Reviewed Data\
Data File : VV013162.D
Acq On : 15 Oct 2019 13:23
Operator : SY/MD
Sample : K5347-14
Misc : 5.00ML/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 15 18:52:15 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 :
C0AG3

Manual Integrations
APPROVED

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10/16/2019 9:25:17 AM



(13) Acetone (T)

2.270min (+0.087) 5.36ug/L m

response 16583

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV101519\Reviewed Data\
 Data File : VV013162.D
 Acq On : 15 Oct 2019 13:23
 Operator : SY/MD
 Sample : K5347-14
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG3

Quant Time: Oct 15 18:52:15 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

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 10/16/2019 9:25:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	709538	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	681392	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	246701	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	237542	52.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	105.92%		
7) Chloroethane-d5	1.58	69	198132	53.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.78%		
11) 1,1-Dichloroethene-d2	2.13	63	307397	36.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.68%		
21) 2-Butanone-d5	3.97	46	306787	90.97	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.97%		
24) Chloroform-d	4.40	84	436174	50.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.04%		
26) 1,2-Dichloroethane-d4	5.08	65	281020	52.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.60%		
32) Benzene-d6	5.10	84	931722	51.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.50%		
36) 1,2-Dichloropropane-d6	6.12	67	290688	51.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.08%		
41) Toluene-d8	7.36	98	779358	47.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.80%		
43) trans-1,3-Dichloropropene-	7.66	79	116223	45.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.08%		
47) 2-Hexanone-d5	8.14	63	166935	73.66	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.66%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	304057	41.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.74%		
64) 1,2-Dichlorobenzene-d4	11.67	152	277816	57.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.96%		

Target Compounds

13) Acetone	2.27	43	16583m	5.356	ug/L	Ovalue
46) Tetrachloroethene	8.02	164	54846	12.537	ug/L	98
48) 2-Hexanone	8.19	43	31236	5.742	ug/L	# 79

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