

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (QT Reviewed)

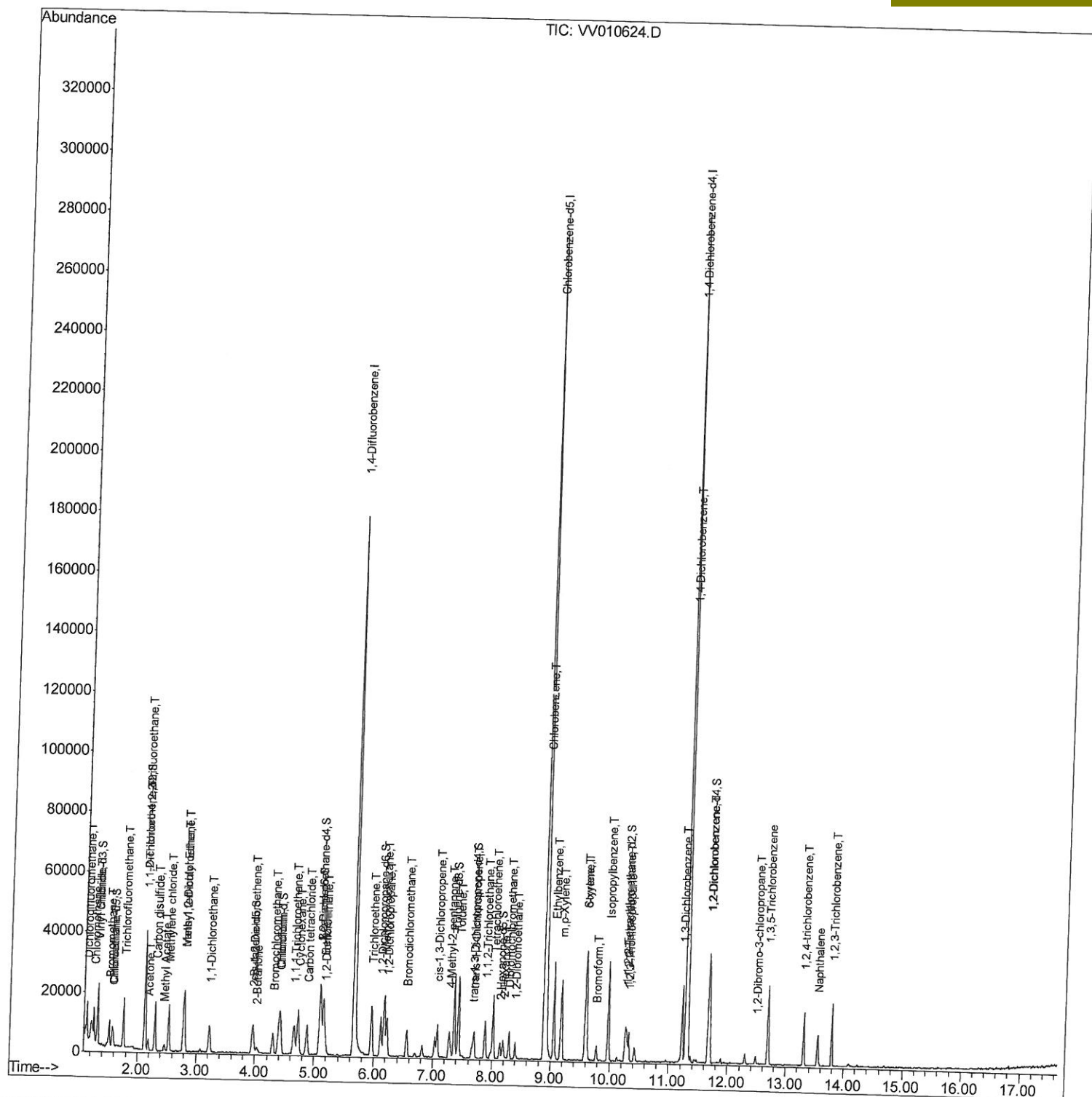
Data File : VV010624.D
Acq On : 02 May 2019 11:28
Operator : SY/MD
Sample : VSTD2.560
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sample ID :
VSTD2.560

Quant Time: May 02 13:11:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 12:45:39 2019
Response via : Initial Calibration

Manual Integrations
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5/6/2019 11:53:42 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

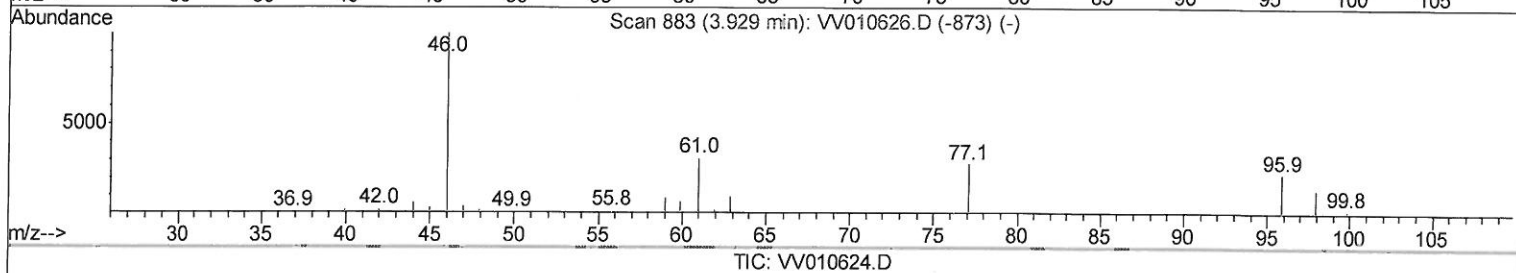
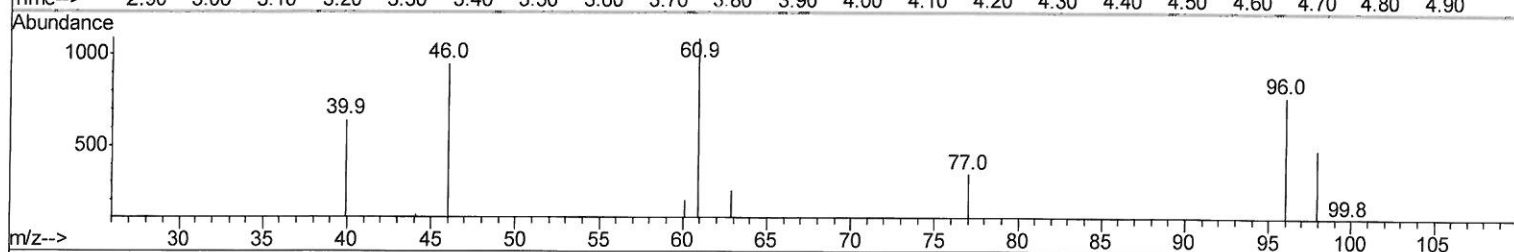
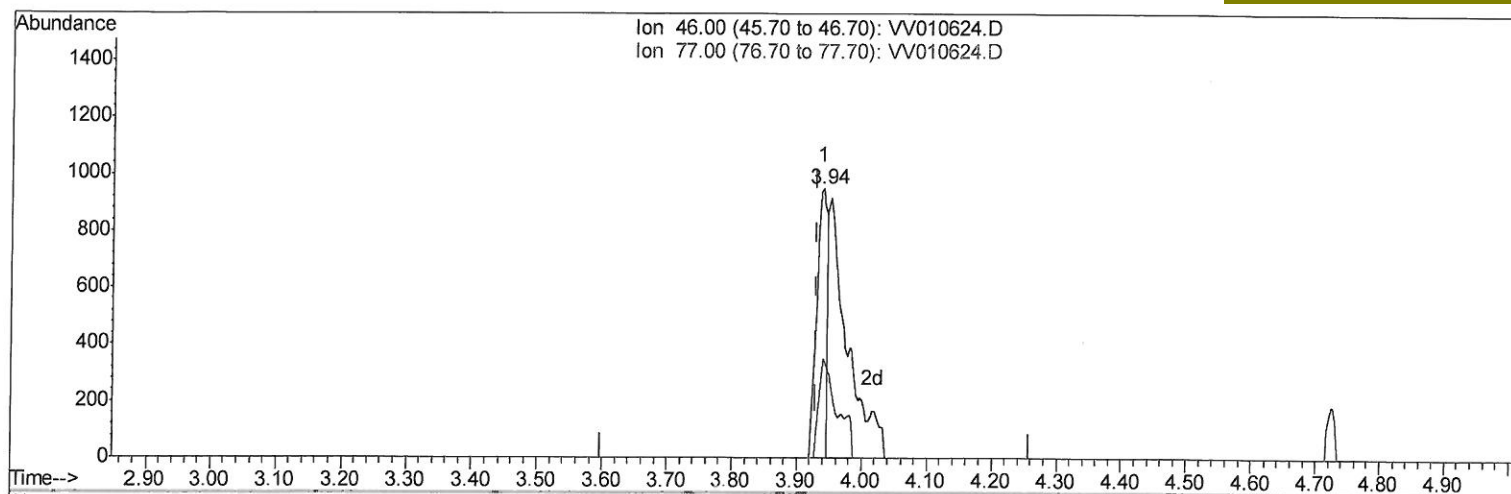
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(20) 2-Butanone-d5 (S)

3.939min (+0.010) 2.11ug/L

response 1072

Ion	Exp%	Act%
46.00	100	100
77.00	26.10	47.39#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

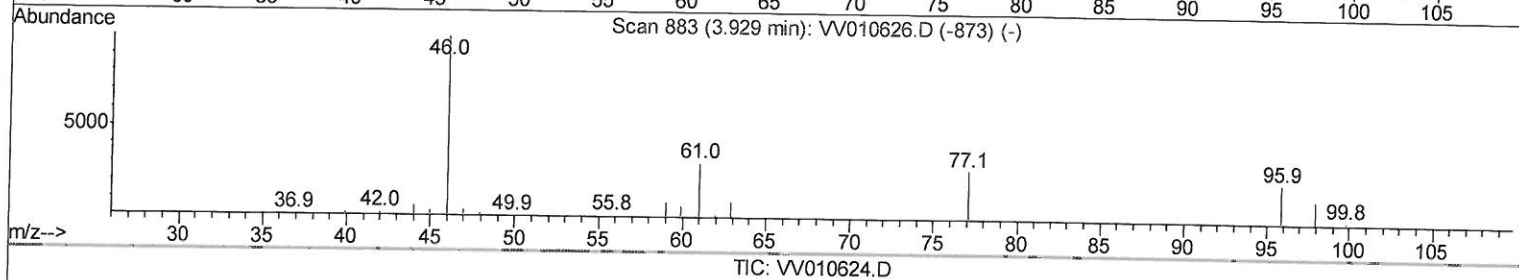
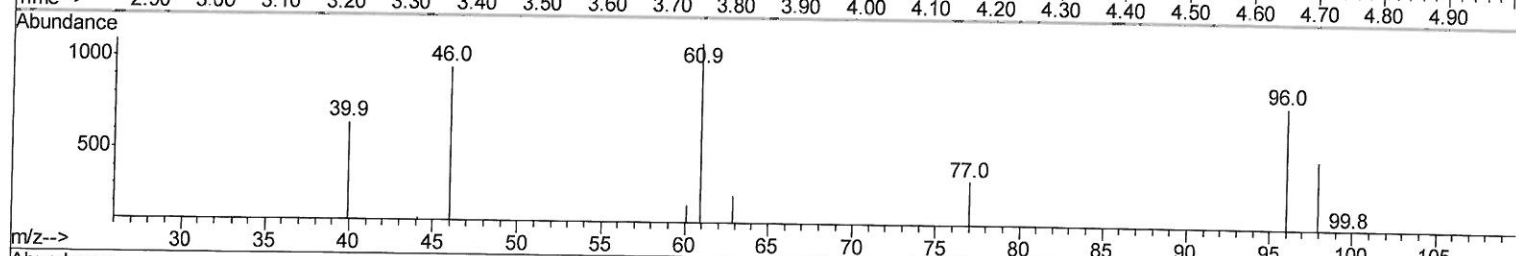
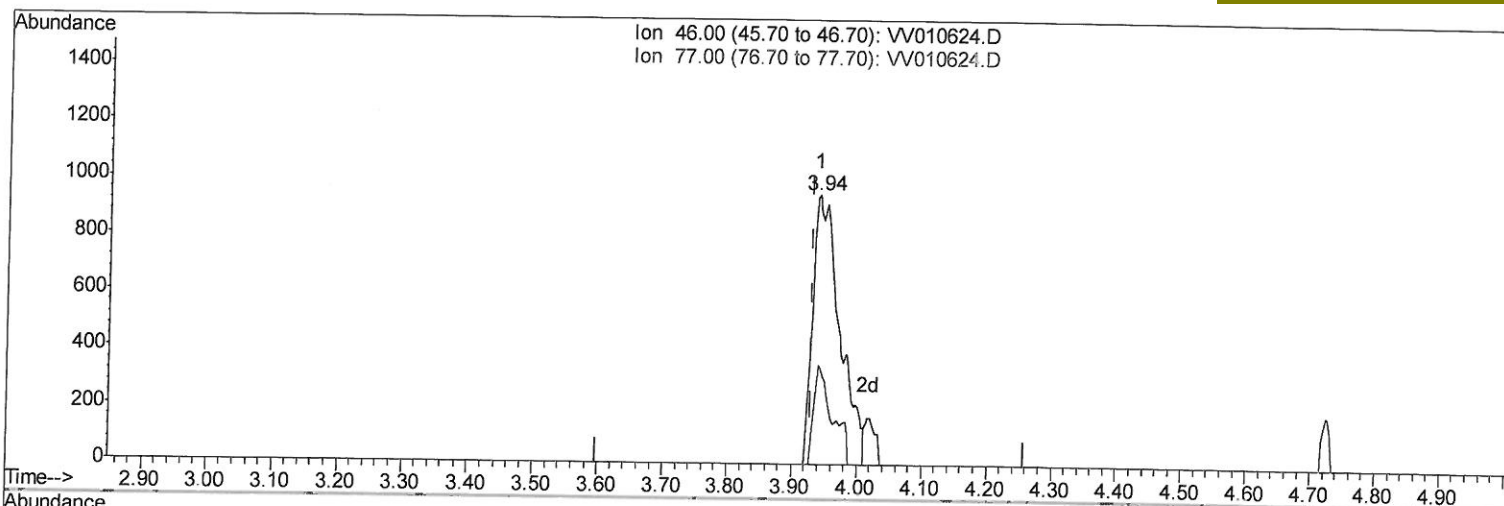
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Instrument :
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Client Sampled :
VSTD2.560

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Manual Integrations
APPROVED

MMDadoda
5/6/2019 11:53:42 AM



(20) 2-Butanone-d5 (S)

3.939min (+0.010) 5.36ug/L m 205/06/19 sy

response 2725

Ion	Exp%	Act%
46.00	100	100
77.00	26.10	18.64
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

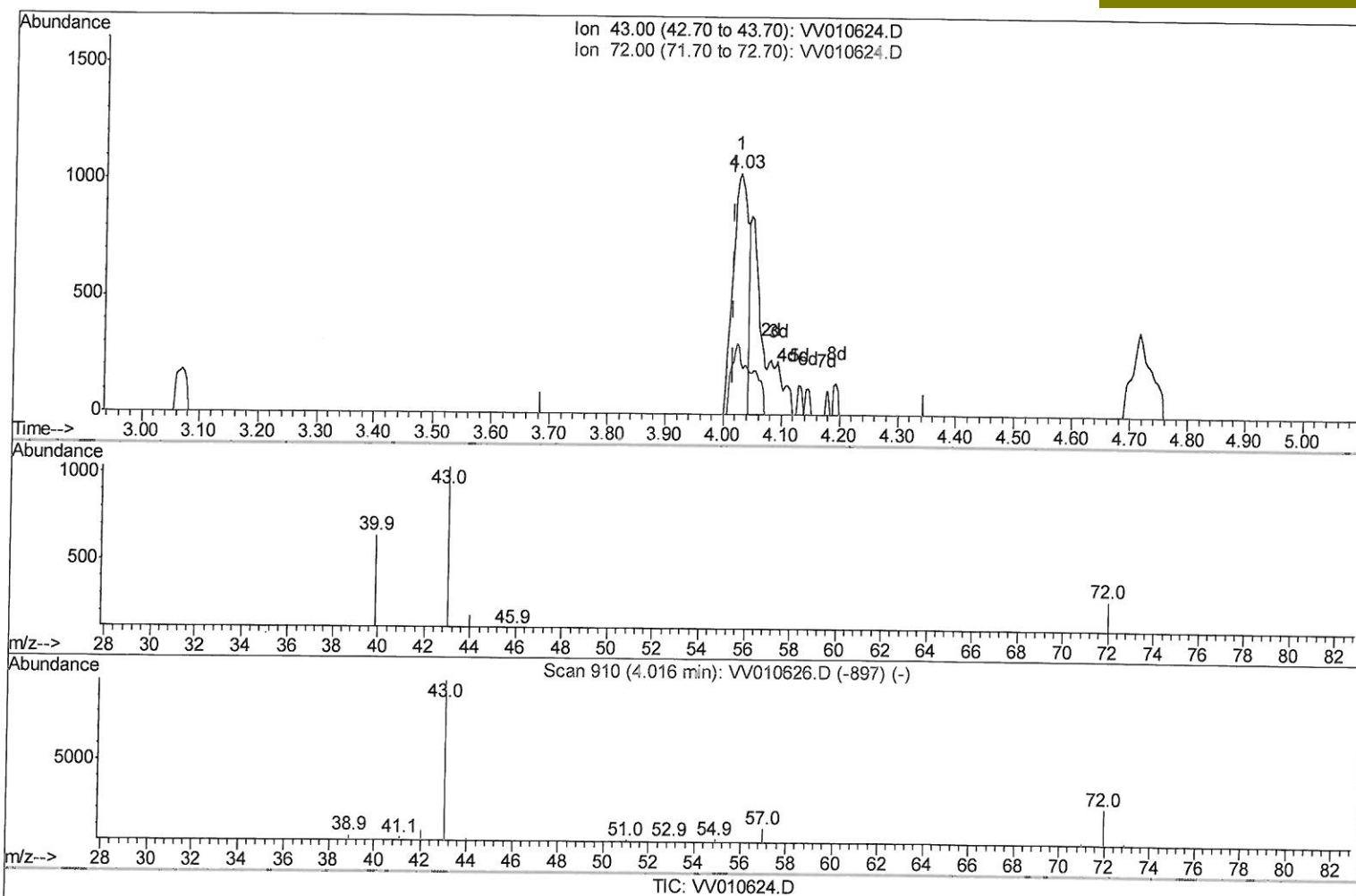
Data File : VV010624.D
Acq On : 02 May 2019 11:28
Operator : SY/MD
Sample : VSTD2.560
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sample Id :
VSTD2.560

Quant Time: May 02 12:48:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
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Manual Integrations
APPROVED

MMDadoda
5/6/2019 11:53:42 AM



(21) 2-Butanone

4.026min (+0.010) 3.21ug/L

response 1864

Ion	Exp%	Act%
43.00	100	100
72.00	28.40	19.37
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

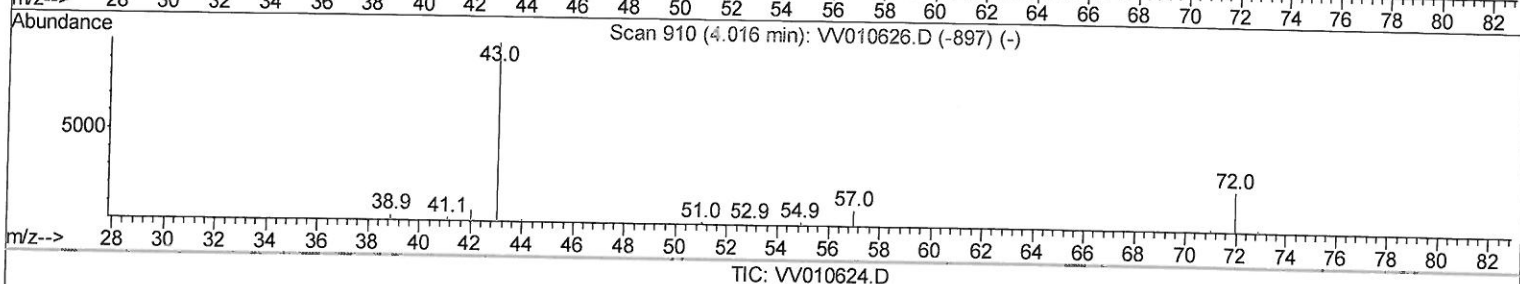
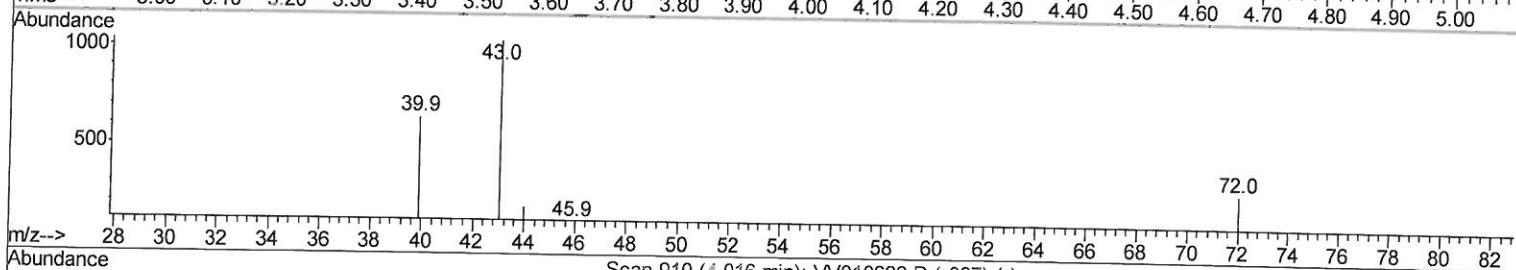
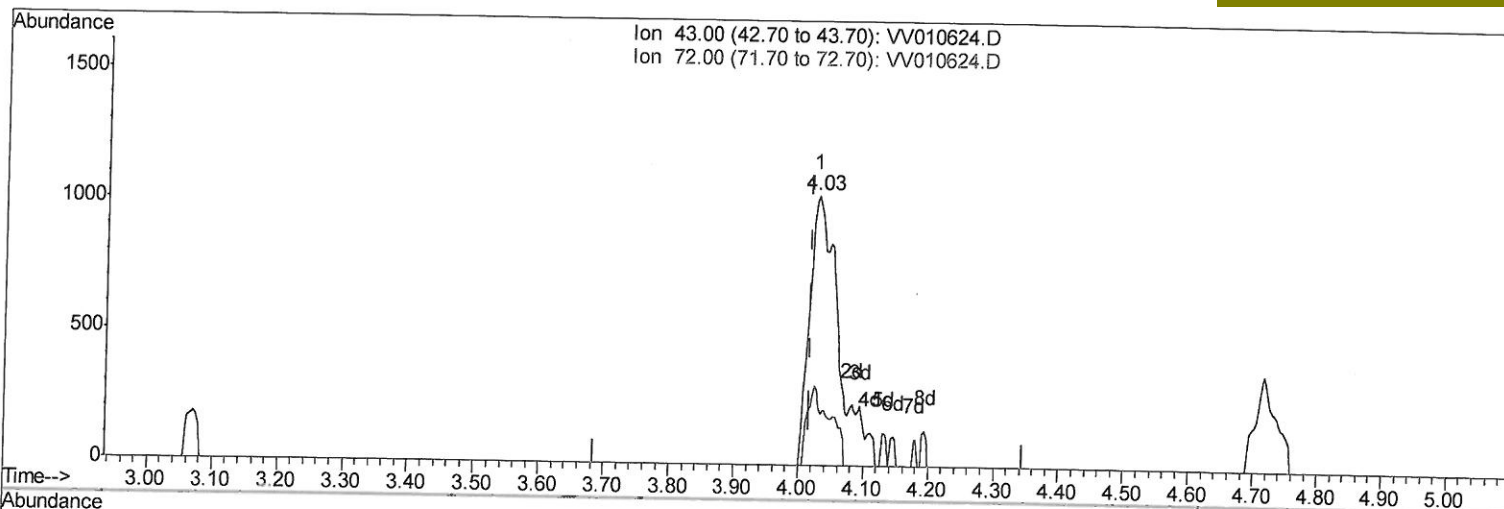
Data File : VV010624.D
Acq On : 02 May 2019 11:28
Operator : SY/MD
Sample : VSTD2.560
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sample ID :
VSTD2.560

Quant Time: May 02 12:48:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
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Manual Integrations
APPROVED

MMDadoda
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(21) 2-Butanone

4.026min (+0.010) 5.56ug/L m

05/06/19 sy

response 3233

Ion	Exp%	Act%
43.00	100	100
72.00	28.40	11.17#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

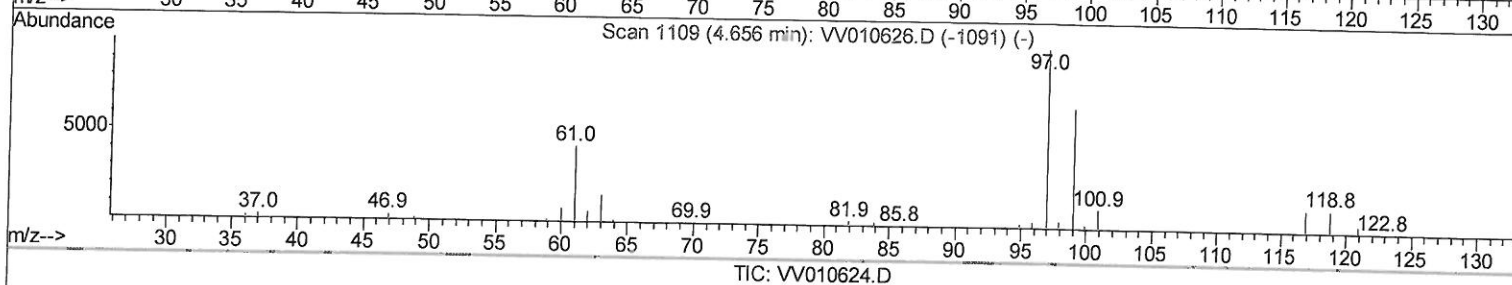
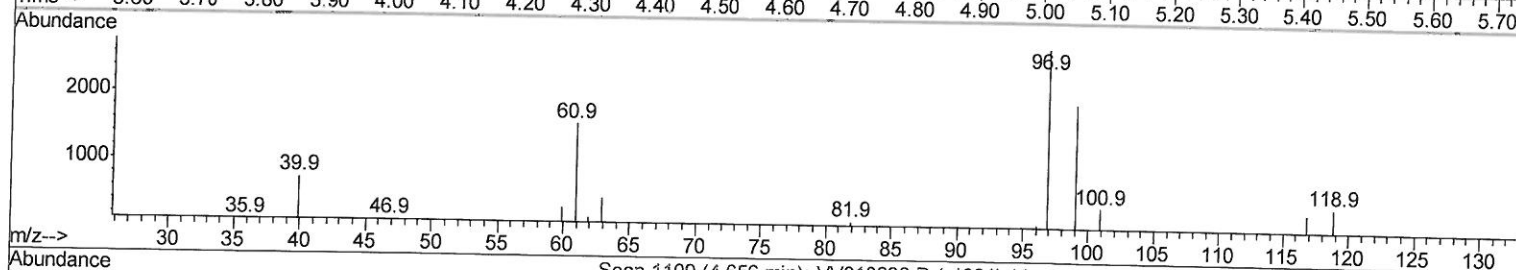
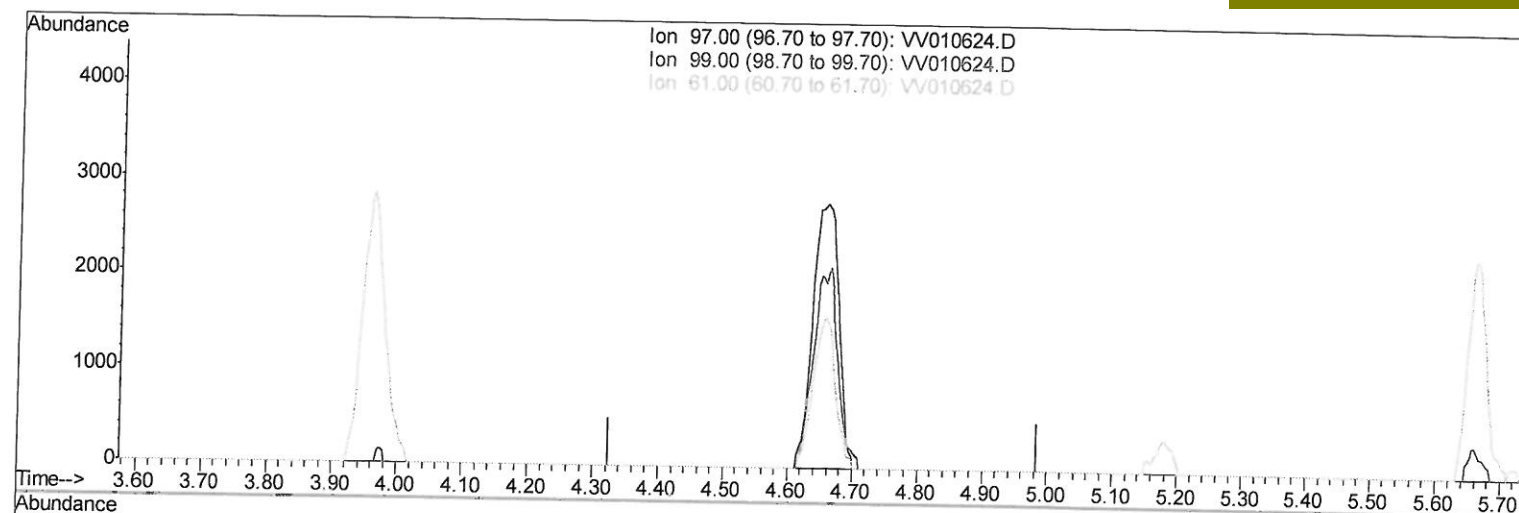
Data File : VV010624.D
Acq On : 02 May 2019 11:28
Operator : SY/MD
Sample : VSTD2.560
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sampled :
VSTD2.560

Quant Time: May 02 12:48:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
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Manual Integrations
APPROVED

MMDadoda
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(31) 1,1,1-Trichloroethane (T)

4.656min (-4.656) 0.00ug/L

response 0

Ion	Exp%	Act%
97.00	100	0.00
99.00	62.90	0.00#
61.00	42.60	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

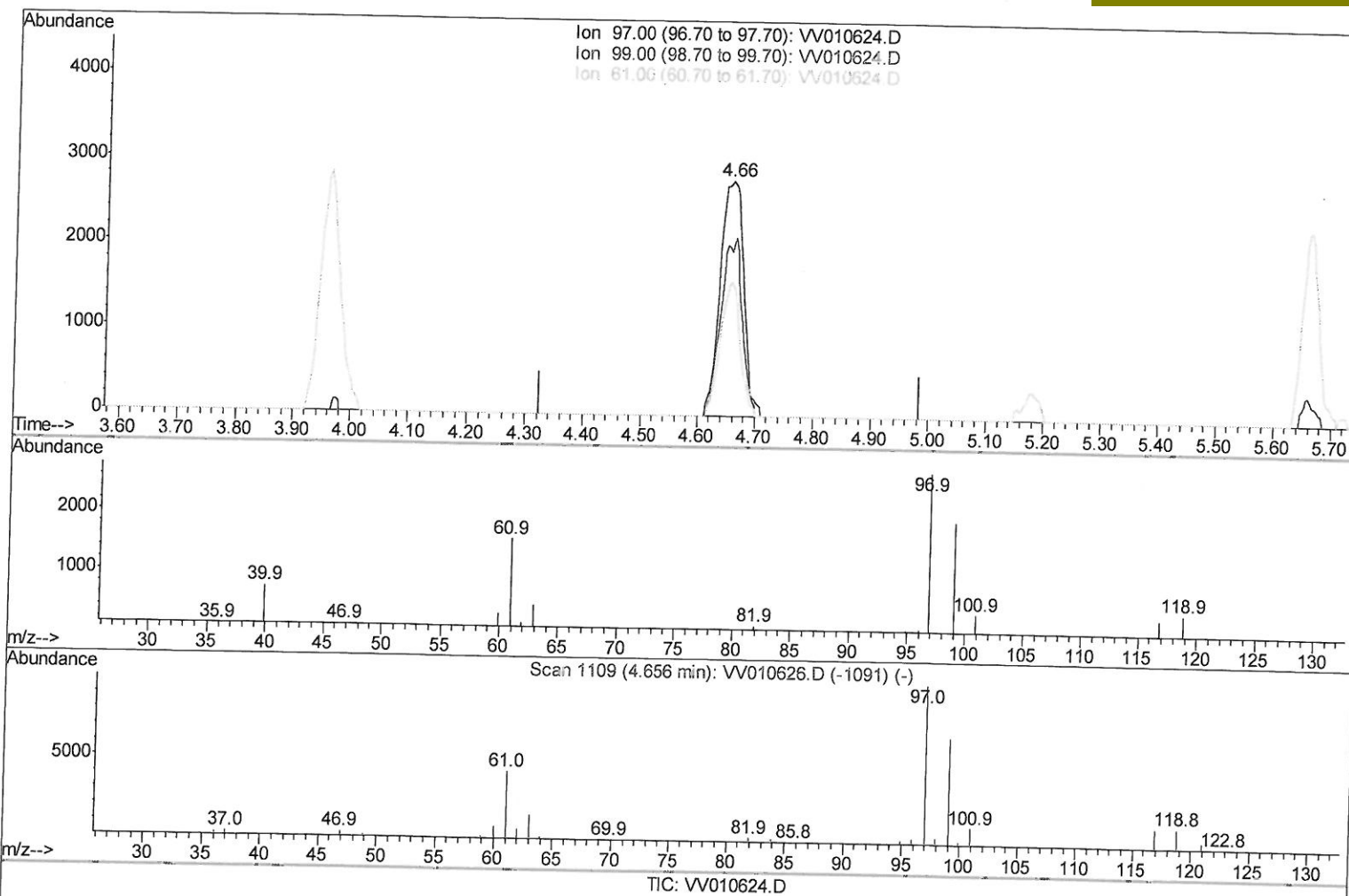
Data File : VV010624.D
Acq On : 02 May 2019 11:28
Operator : SY/MD
Sample : VSTD2.560
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sampled :
VSTD2.560

Quant Time: May 02 12:48:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
5/6/2019 11:53:42 AM



(31) 1,1,1-Trichloroethane (T)

4.656min (+0.000) 2.31ug/L m

05/06/19 54

response 7754

Ion	Exp%	Act%
97.00	100	100
99.00	62.90	0.00#
61.00	42.60	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

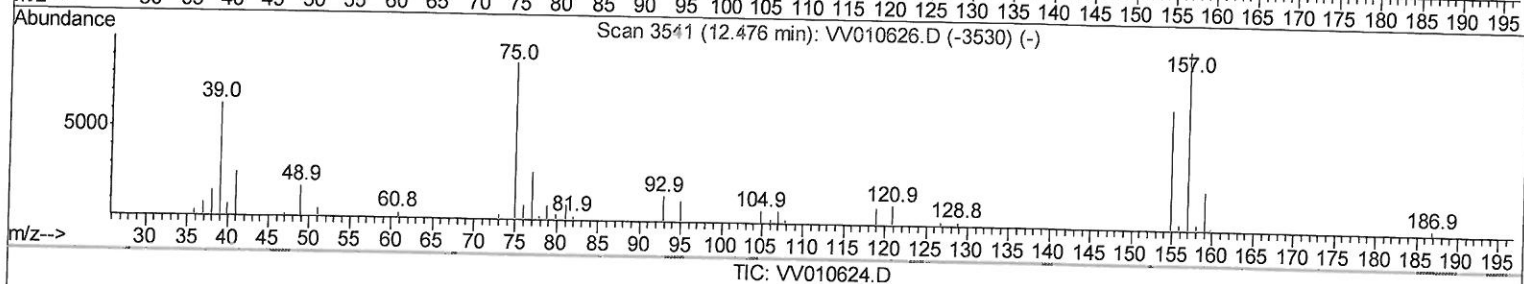
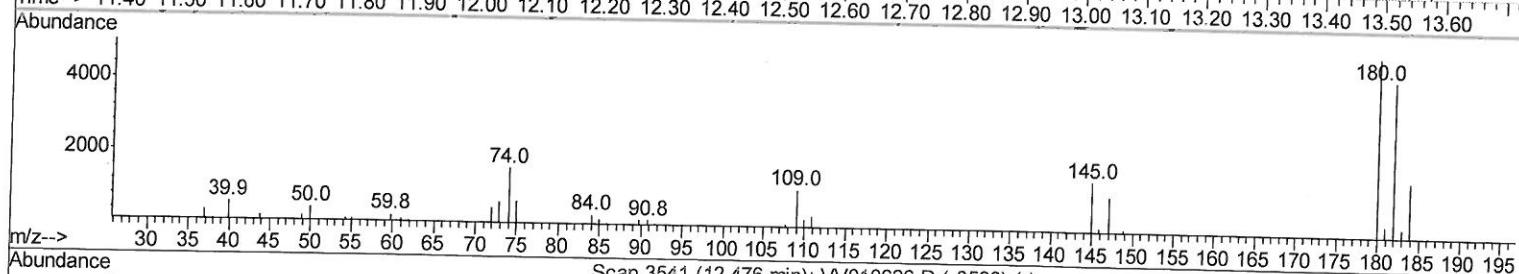
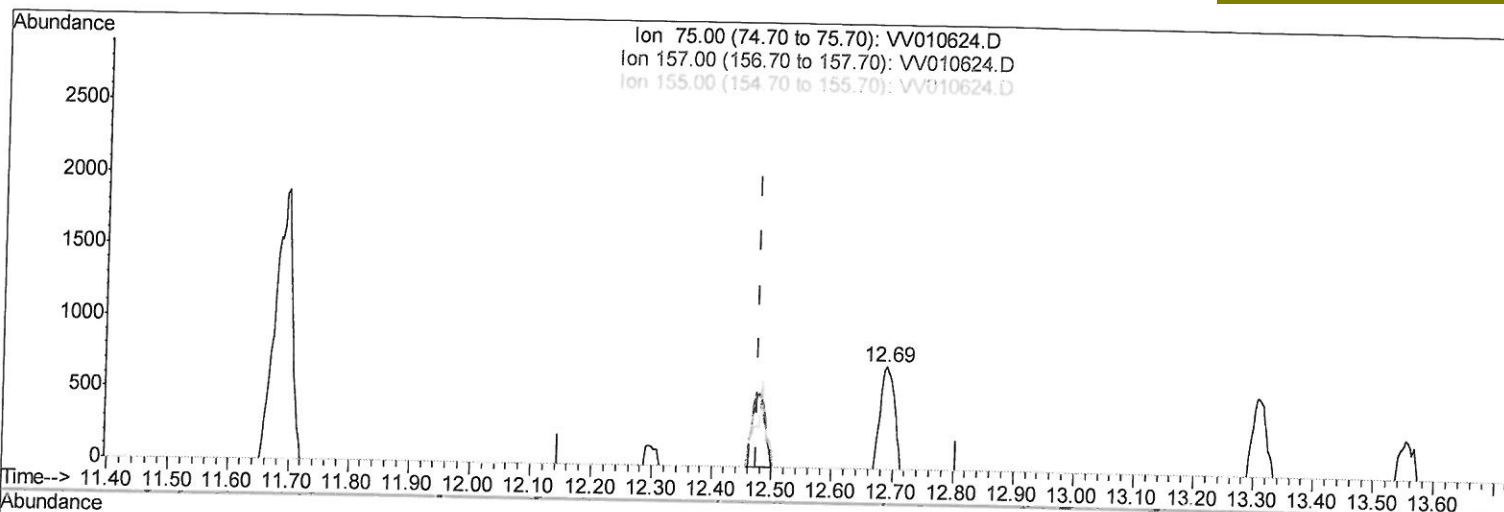
Data File : VV010624.D
Acq On : 02 May 2019 11:28
Operator : SY/MD
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Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Client Sampled :
VSTD2.560

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Quant Title : VOC Analysis
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Manual Integrations
APPROVED

MMDadoda
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(66) 1,2-Dibromo-3-chloropropane (T)

12.688min (+0.212) 4.10ug/L

response 1132

Ion	Exp%	Act%
75.00	100	100
157.00	113.90	0.00#
155.00	76.30	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

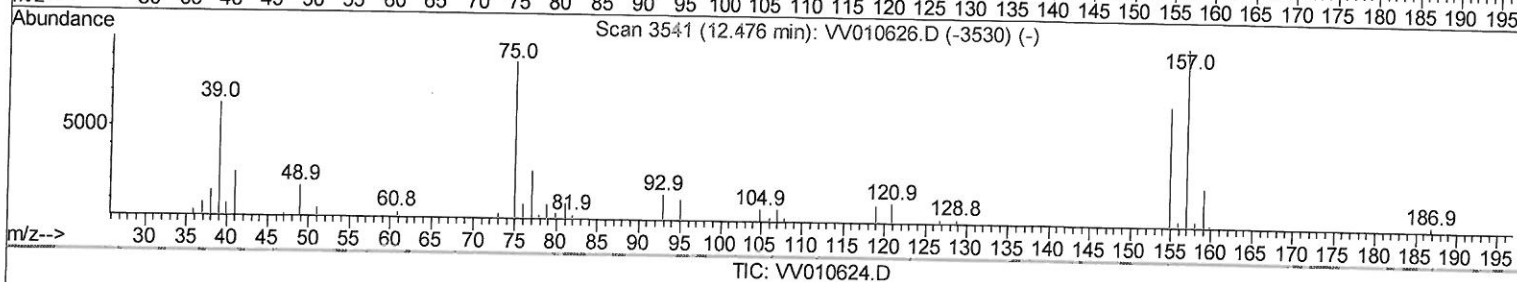
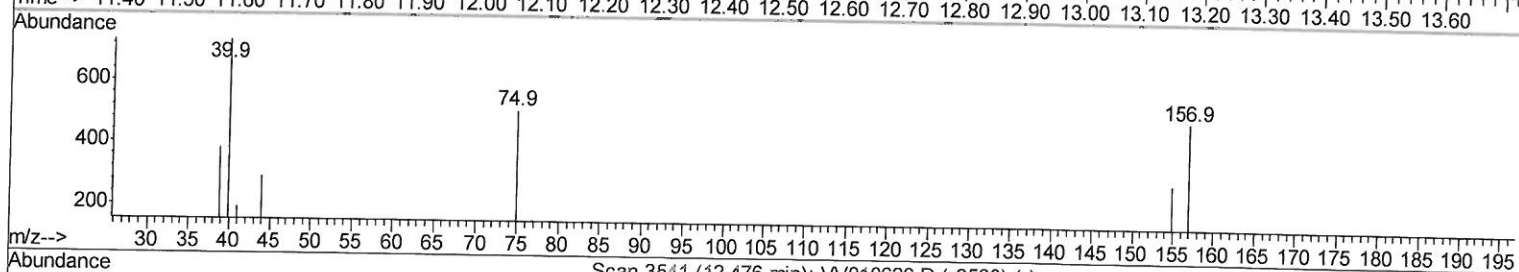
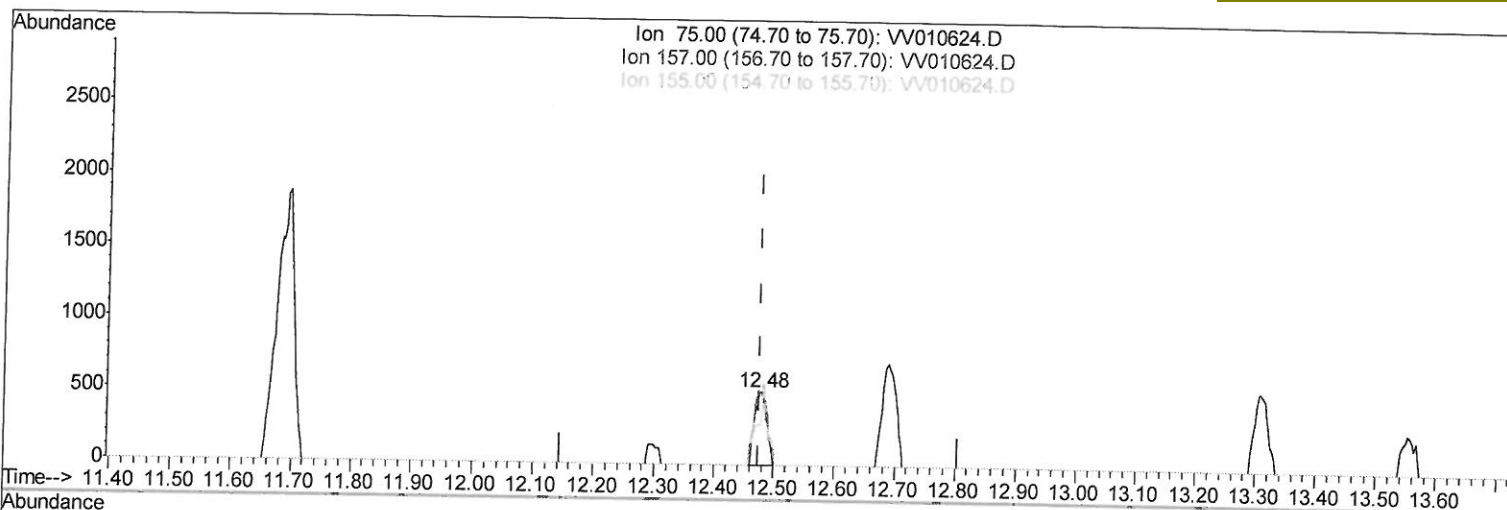
Data File : VV010624.D
Acq On : 02 May 2019 11:28
Operator : SY/MD
Sample : VSTD2.560
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Client Sampled :
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Manual Integrations
APPROVED

MMDadoda
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(66) 1,2-Dibromo-3-chloropropane (T)

12.479min (+0.003) 2.59ug/L m > 05/06/19 Sy

response 714

Ion	Exp%	Act%
75.00	100	100
157.00	113.90	97.45
155.00	76.30	57.56#
0.00	0.00	0.00

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Data File : VV010624.D
Acq On : 02 May 2019 11:28
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Sample : VSTD2.560
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Client Sampled :
VSTD2.560

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5/6/2019 11:53:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157874	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	156907	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73246	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6290	2.89	ug/L	0.00
7) Chloroethane-d5	1.57	69	4212	2.49	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	10378	2.56	ug/L	0.00
20) 2-Butanone-d5	3.94	46	2725m	5.36	ug/L	0.00
24) Chloroform-d	4.40	84	10773	2.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	6112	2.58	ug/L	0.00
29) Benzene-d6	5.10	84	21051	2.91	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	6693	3.13	ug/L	0.00
37) Toluene-d8	7.36	98	19732	2.64	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.67	79	2383	2.26	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	1840	4.33	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	5551	2.67	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	7107	2.55	ug/L	0.00

05/06/19 Sy

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	6565	2.726	ug/L 99
3) Chloromethane	1.25	50	6082	3.044	ug/L 98
5) Vinyl chloride	1.32	62	5513	2.335	ug/L 86
6) Bromomethane	1.51	94	2800	2.275	ug/L 90
8) Chloroethane	1.59	64	2665	2.008	ug/L 96
9) Trichlorofluoromethane	1.76	101	9672	2.398	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4834	2.141	ug/L 97
12) 1,1-Dichloroethene	2.14	96	4222	2.124	ug/L 93
13) Acetone	2.19	43	3845	7.054	ug/L 95
14) Carbon disulfide	2.31	76	13986	3.148	ug/L 99
15) Methyl Acetate	2.46	43	2526	3.113	ug/L # 82
16) Methylene chloride	2.53	84	6589	2.846	ug/L 95
17) Methyl tert-butyl Ether	2.80	73	11455	2.431	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	5000	2.844	ug/L 96
19) 1,1-Dichloroethane	3.23	63	9358	2.978	ug/L 97
21) 2-Butanone	4.03	43	3233m	5.565	ug/L
22) cis-1,2-Dichloroethene	3.96	96	5234	2.640	ug/L 94
23) Bromochloromethane	4.30	128	2320	2.426	ug/L # 91
25) Chloroform	4.43	83	9857	2.611	ug/L 94
27) 1,2-Dichloroethane	5.18	62	6238	2.356	ug/L 99
30) Cyclohexane	4.72	56	7094	2.552	ug/L 98
31) 1,1,1-Trichloroethane	4.66	97	7754m	2.312	ug/L
32) Carbon tetrachloride	4.87	117	6835	2.150	ug/L 92
34) Benzene	5.15	78	19593	2.825	ug/L 100
35) Trichloroethene	5.96	95	5861	2.787	ug/L 96
36) Methylcyclohexane	6.18	83	7510	2.390	ug/L 91
40) 1,2-Dichloropropane	6.22	63	4997	2.928	ug/L # 87
41) Bromodichloromethane	6.56	83	6143	2.333	ug/L 97
42) cis-1,3-Dichloropropene	7.07	75	6526	2.315	ug/L 92
43) 4-Methyl-2-pentanone	7.27	43	6520	5.144	ug/L 98

05/06/19 Sy

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VSTD2.560

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5/6/2019 11:53:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	20250	2.416	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	5009	1.946	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	3784	2.472	ug/L	96
47) Tetrachloroethene	8.02	164	4707	2.521	ug/L	96
49) 2-Hexanone	8.19	43	4578	5.087	ug/L #	91
50) Dibromochloromethane	8.29	129	4557	2.208	ug/L	99
51) 1,2-Dibromoethane	8.40	107	3784	2.356	ug/L #	97
52) Chlorobenzene	8.92	112	14251	2.425	ug/L	99
53) Ethylbenzene	9.05	91	22816	2.328	ug/L	98
54) m,p-Xylene	9.18	106	7790	2.028	ug/L	93
55) o-xylene	9.59	106	7520	1.965	ug/L	91
56) Styrene	9.60	104	12547	1.987	ug/L	95
57) Isopropylbenzene	9.97	105	20346	1.968	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	4812	2.426	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	3797	2.584	ug/L	98
62) Bromoform	9.77	173	2258	2.058	ug/L #	96
63) 1,3-Dichlorobenzene	11.23	146	10086	2.355	ug/L	96
64) 1,4-Dichlorobenzene	11.32	146	11169	2.547	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	10203	2.451	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	714m	2.588	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	8376	2.447	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	5421	2.099	ug/L	99
69) Naphthalene	13.56	128	8379	2.019	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	4988	2.087	ug/L	94

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