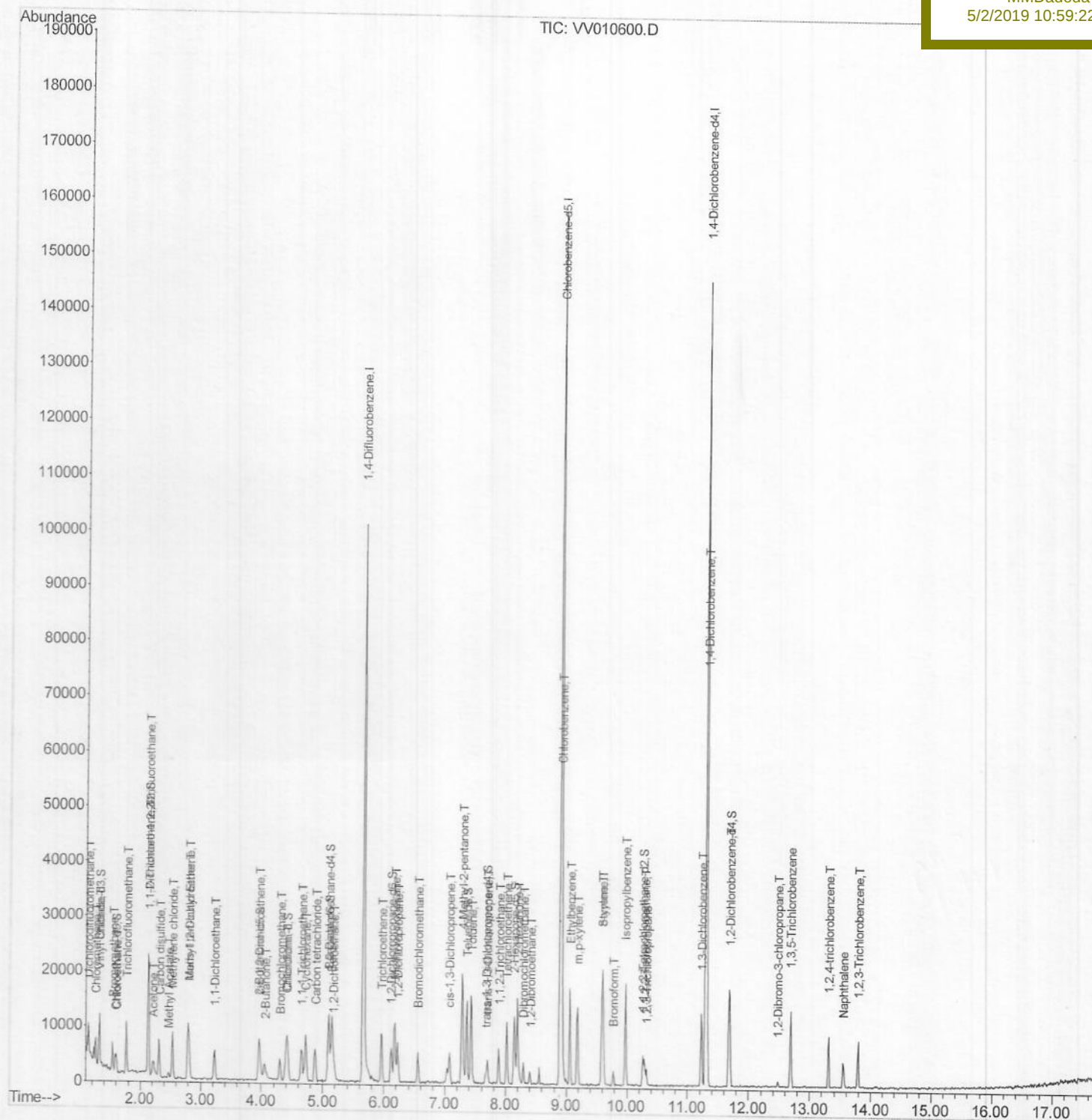


Data File : VV010600.D
Acq On : 01 May 2019 11:52
Operator : SY/MD
Sample : VSTD0.536
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.536

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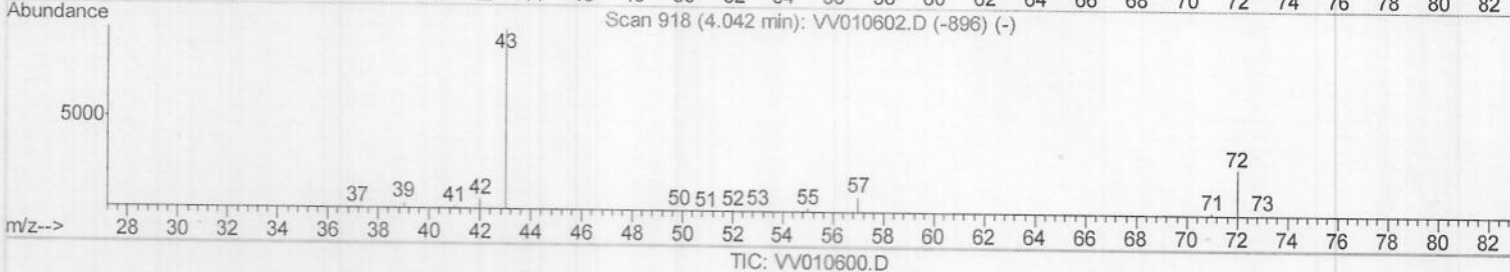
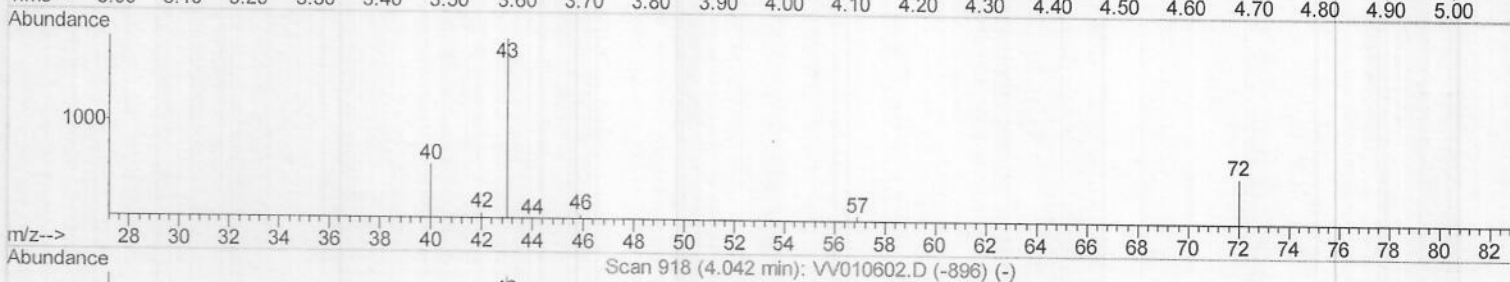
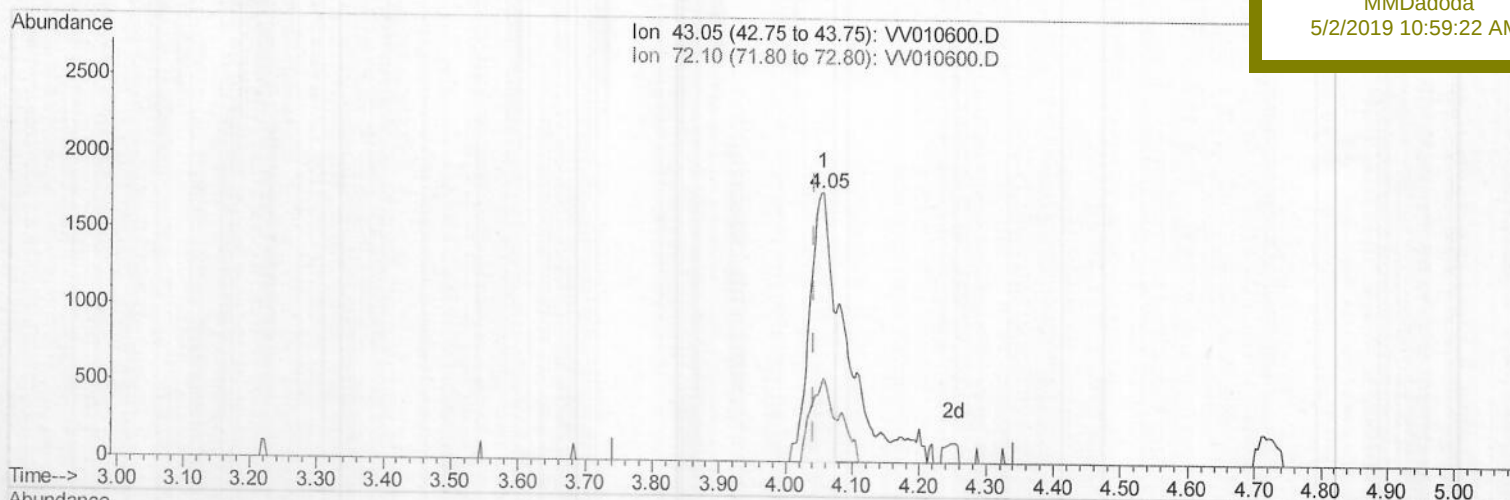
Data File : VV010600.D
Acq On : 01 May 2019 11:52
Operator : SY/MD
Sample : VSTD0.536
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 07:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 07:54:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
Client Sampled :
VSTD0.536

Manual Integrations
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(21) 2-Butanone (T)
4.055min (+0.013) 3.19ug/L
response 3996

Ion	Exp%	Act%
43.05	100	100
72.10	27.50	30.08
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
Quantitation Report (Qedit)

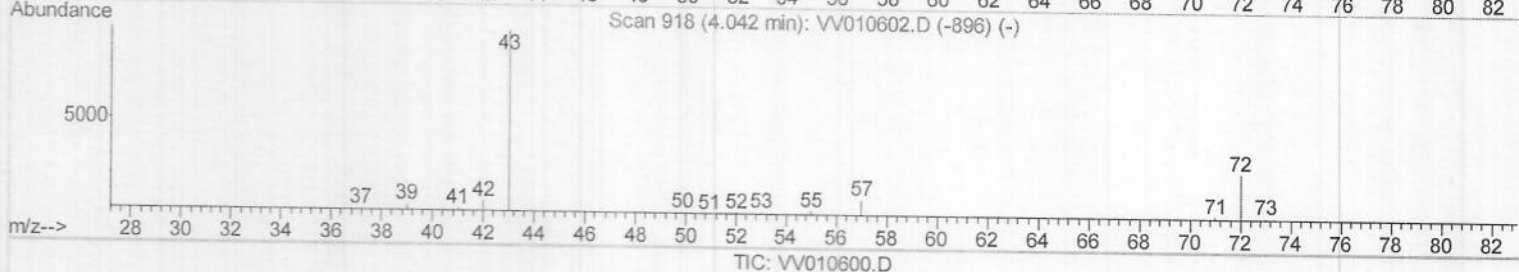
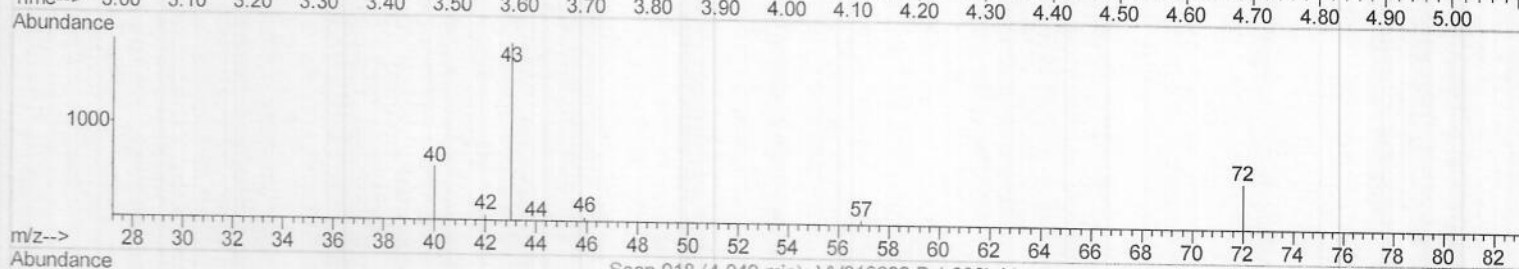
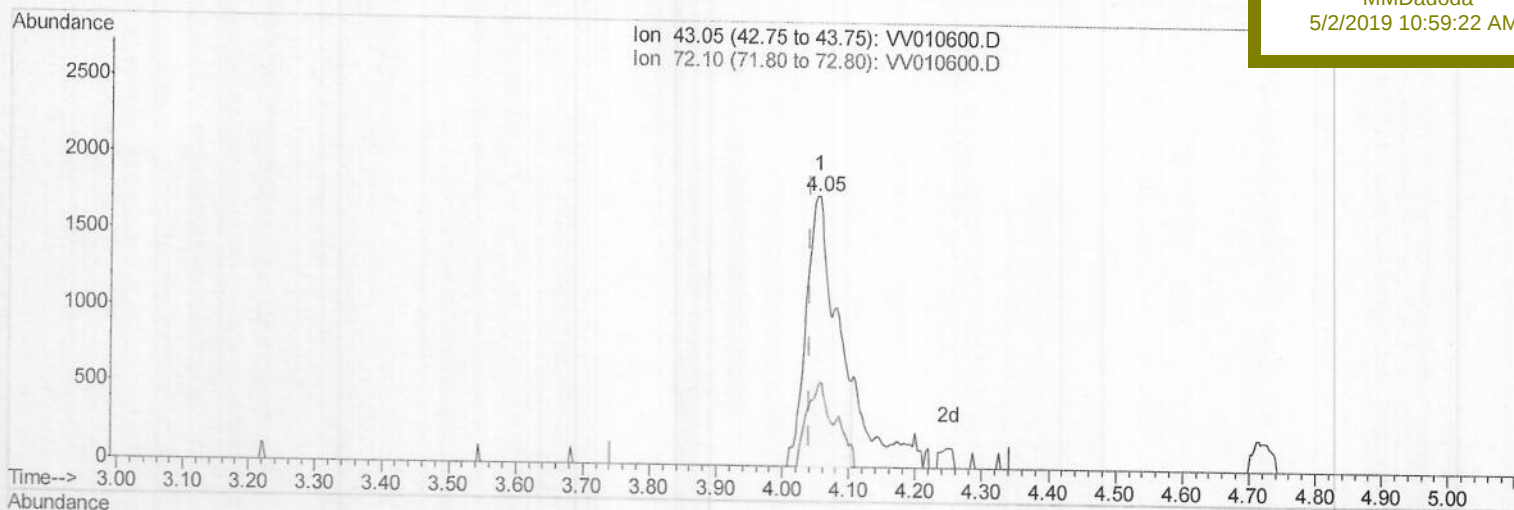
Data File : VV010600.D
Acq On : 01 May 2019 11:52
Operator : SY/MD
Sample : VSTD0.536
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 07:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 07:54:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.536

Manual Integrations
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(21) 2-Butanone (T)

4.055min (+0.013) 4.29ug/L m

response 5366

Ion	Exp%	Act%
43.05	100	100
72.10	27.50	22.40
0.00	0.00	0.00
0.00	0.00	0.00

MD
5/3/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
Quantitation Report (Qedit)

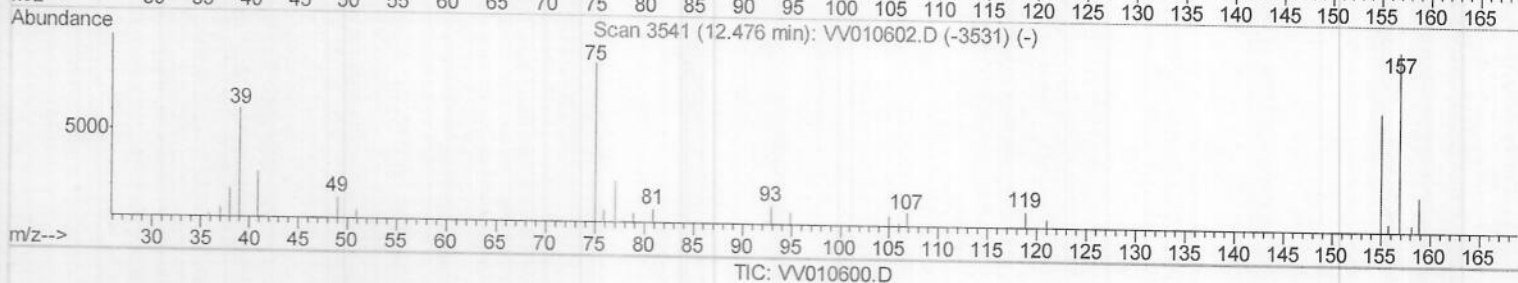
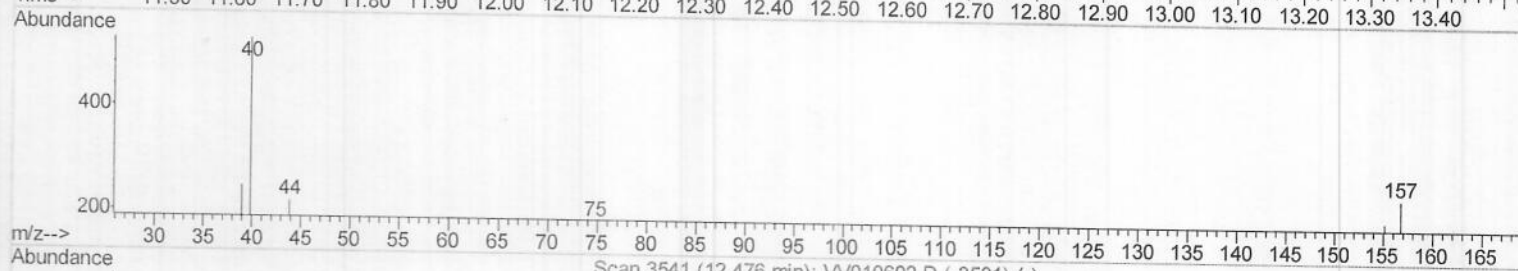
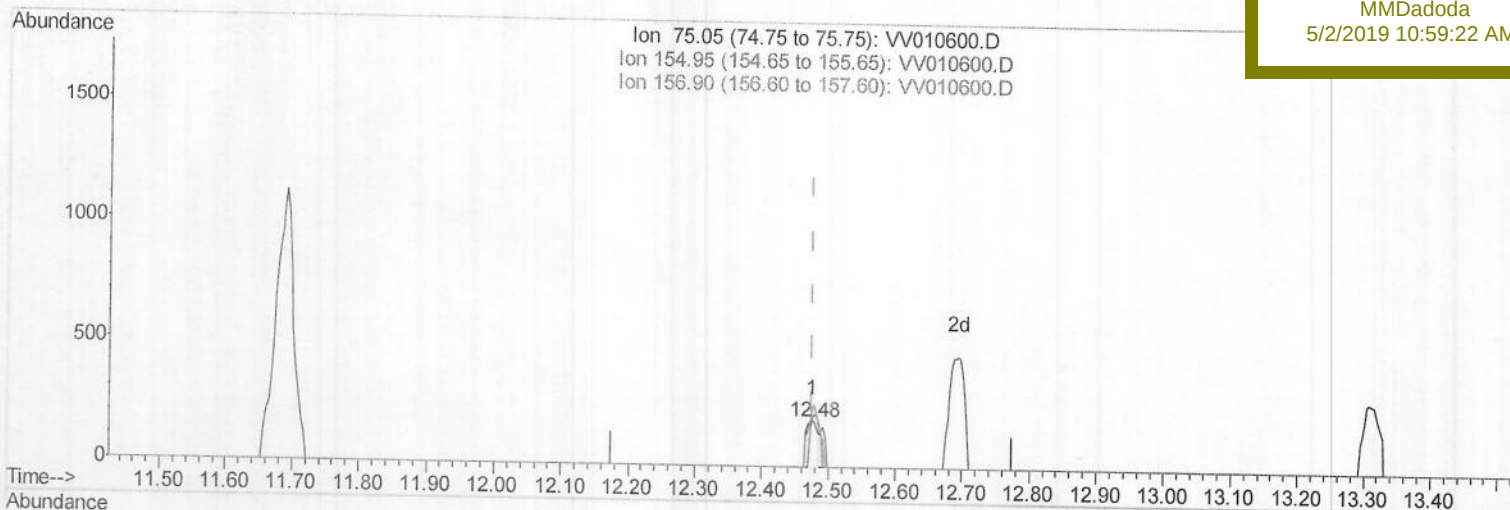
Data File : VV010600.D
Acq On : 01 May 2019 11:52
Operator : SY/MD
Sample : VSTD0.536
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 07:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 07:54:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
Client Sampled :
VSTD0.536

Manual Integrations
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(66) 1,2-Dibromo-3-chloropropane (T)

12.476min (0.000) 0.33ug/L

response 222

Ion	Exp%	Act%
75.05	100	100
154.95	76.00	107.98#
156.90	112.80	131.38
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
Quantitation Report (Qedit)

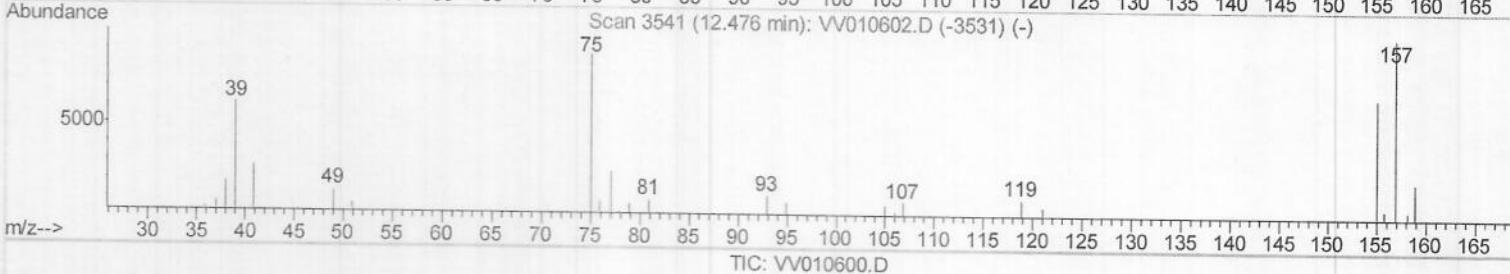
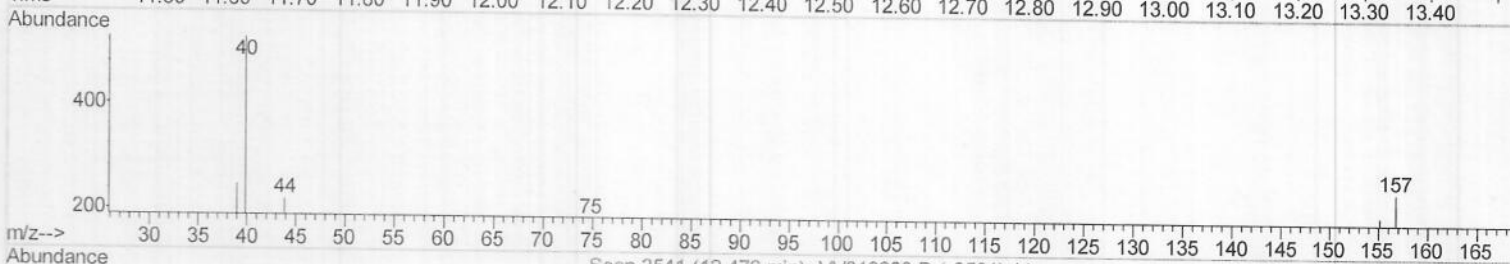
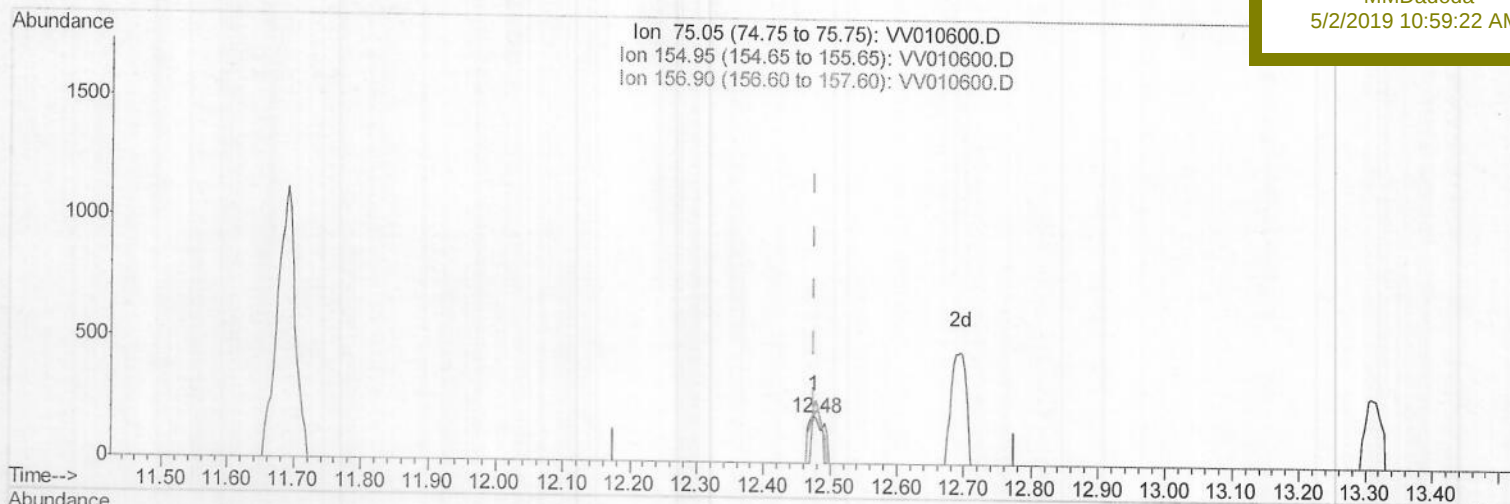
Data File : VV010600.D
Acq On : 01 May 2019 11:52
Operator : SY/MD
Sample : VSTD0.536
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 07:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 07:54:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
Client Sampled :
VSTD0.536

Manual Integrations
APPROVED

MMDadoda
5/2/2019 10:59:22 AM



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

12.476min (0.000) 0.45ug/L m

response 306

Ion	Exp%	Act%
75.05	100	100
154.95	76.00	107.98#
156.90	112.80	131.38
0.00	0.00	0.00

M.D
5/3/19

Data File : VV010600.D
Acq On : 01 May 2019 11:52
Operator : SY/MD
Sample : VSTD0.536
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.536

Quant Time: May 02 08:02:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 07:54:30 2019
Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	90508	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	88227	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	38063	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2788	0.56	ug/L	0.00
7) Chloroethane-d5	1.58	69	1708	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	5241	0.54	ug/L	0.00
20) 2-Butanone-d5	3.97	46	5457	4.77	ug/L	0.00
24) Chloroform-d	4.40	84	5908	0.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	2997	0.56	ug/L	0.00
32) Benzene-d6	5.10	84	11015	0.54	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	3186	0.52	ug/L	0.00
41) Toluene-d8	7.36	98	10598	0.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1064	0.46	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	4347	4.71	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	2513	0.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	3609	0.54	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	4118	0.517	ug/L #	87
3) Chloromethane	1.25	50	3483	0.478	ug/L #	81
5) Vinyl chloride	1.32	62	3553	0.487	ug/L	93
6) Bromomethane	1.54	94	2218	0.698	ug/L	84
8) Chloroethane	1.60	64	1559	0.452	ug/L	97
9) Trichlorofluoromethane	1.77	101	5436	0.463	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2832	0.472	ug/L	100
12) 1,1-Dichloroethene	2.14	96	2627	0.503	ug/L	81
13) Acetone	2.22	43	4164	5.941	ug/L	97
14) Carbon disulfide	2.31	76	7018	0.475	ug/L	97
15) Methyl Acetate	2.47	43	1322	0.560	ug/L #	80
16) Methylene chloride	2.53	84	3394	0.506	ug/L	90
17) Methyl tert-butyl Ether	2.81	73	6116	0.511	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	2925	0.502	ug/L	94
19) 1,1-Dichloroethane	3.23	63	5359	0.494	ug/L	98
21) 2-Butanone	4.05	43	5366m	4.288	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	3219	0.499	ug/L	93
23) Bromochloromethane	4.30	128	1463	0.563	ug/L #	73
25) Chloroform	4.43	83	5922	0.510	ug/L	85
27) 1,2-Dichloroethane	5.19	62	3440	0.527	ug/L #	74
29) 1,1,1-Trichloroethane	4.66	97	4681	0.480	ug/L #	88
30) Cyclohexane	4.72	56	4285	0.476	ug/L	95
31) Carbon tetrachloride	4.87	117	4026	0.451	ug/L	98
33) Benzene	5.14	78	11088	0.481	ug/L	100
34) Trichloroethene	5.96	95	3355	0.502	ug/L	92
35) Methylcyclohexane	6.17	83	4492	0.481	ug/L	94
37) 1,2-Dichloropropane	6.22	63	2642	0.458	ug/L #	87
38) Bromodichloromethane	6.55	83	3338	0.450	ug/L #	77
39) cis-1,3-Dichloropropene	7.07	75	3432	0.435	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	14739	4.775	ug/L	97

M. D
5/3/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
Quantitation Report (QT Reviewed)

Data File : VV010600.D
Acq On : 01 May 2019 11:52
Operator : SY/MD
Sample : VSTD0.536
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 08:02:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 07:54:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
Client Sampled :
VSTD0.536

Manual Integrations
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5/2/2019 10:59:22 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	7.43	91	11907	0.461	ug/L	95
44) trans-1,3-Dichloropropene	7.70	75	2817	0.469	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	2110	0.548	ug/L #	82
47) Tetrachloroethene	8.02	164	2593	0.507	ug/L	87
48) 2-Hexanone	8.19	43	10416	4.678	ug/L	97
49) Dibromochloromethane	8.29	129	2033	0.429	ug/L	99
50) 1,2-Dibromoethane	8.40	107	1533	0.416	ug/L #	92
51) Chlorobenzene	8.92	112	8085	0.477	ug/L	93
52) Ethylbenzene	9.05	91	12139	0.435	ug/L	92
53) m,p-xylene	9.18	106	4043	0.381	ug/L	87
54) o-xylene	9.59	106	4506	0.431	ug/L	93
55) Styrene	9.60	104	6886	0.402	ug/L	99
56) Isopropylbenzene	9.97	105	11079	0.412	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	2239	0.470	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	1556	0.453	ug/L	93
61) Bromoform	9.77	173	1154	0.537	ug/L #	90
62) 1,3-Dichlorobenzene	11.23	146	5723	0.491	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	5518	0.469	ug/L	93
65) 1,2-Dichlorobenzene	11.69	146	5423	0.493	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	306m	0.452	ug/L	
67) 1,3,5-Trichlorobenzene	12.69	180	4218	0.493	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	3206	0.490	ug/L	93
69) Naphthalene	13.55	128	4098	0.390	ug/L #	96
70) 1,2,3-Trichlorobenzene	13.79	180	2589	0.431	ug/L	96

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

M.D
5/3/19