Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073118\

Quantitation Report (Qedit)

Data File : VW004364.D
Acq On : 31 Jul 2018 18:04
Operator : SY/AP
Sample : VSTD2.582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 20:21:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 17:41:00 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.582

Manual Integrations APPROVED
MMDadoda
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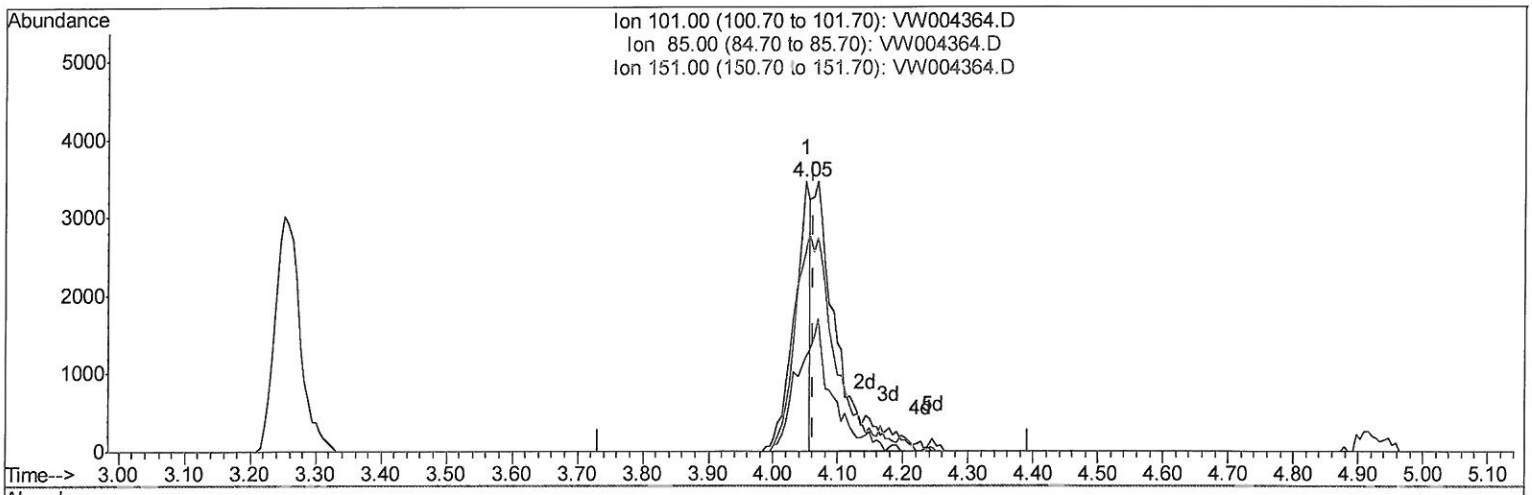

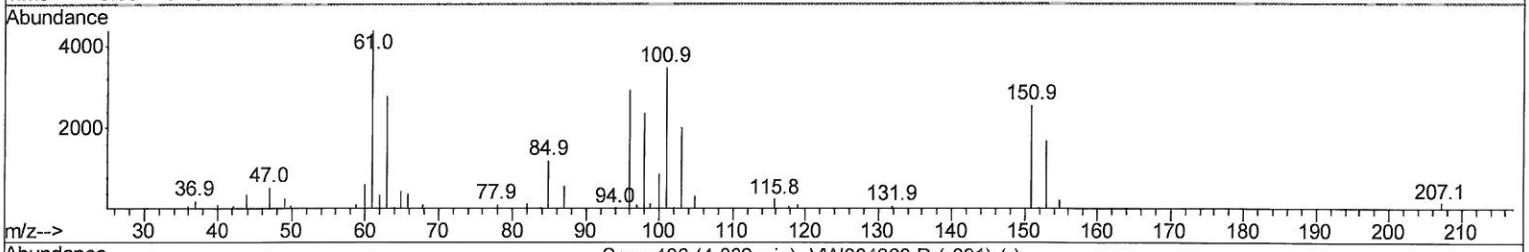

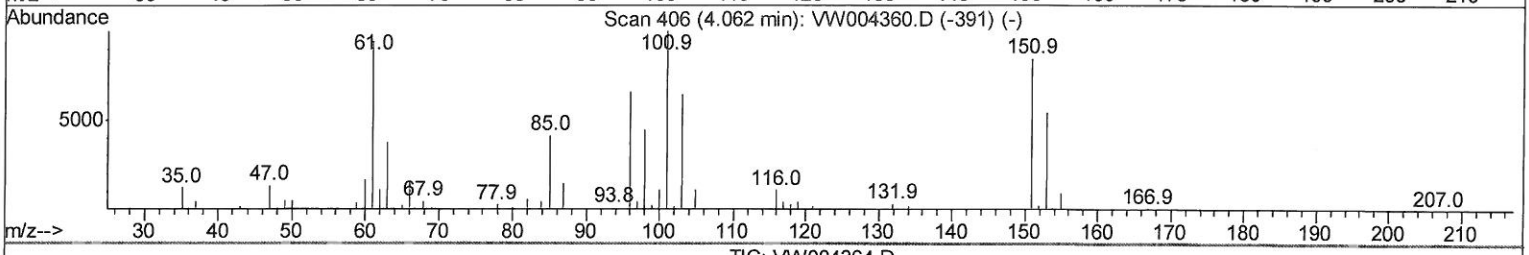

TIC: VW004364.D

(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.050min (-0.012) 1.33ug/L

response 6051

Ion	Exp%	Act%
101.00	100	100
85.00	40.50	75.56#
151.00	86.50	190.89#
0.00	0.00	0.00

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Instrument :
MSVOA_W
ClientSampleId :
VSTD2.582

Manual Integrations APPROVED
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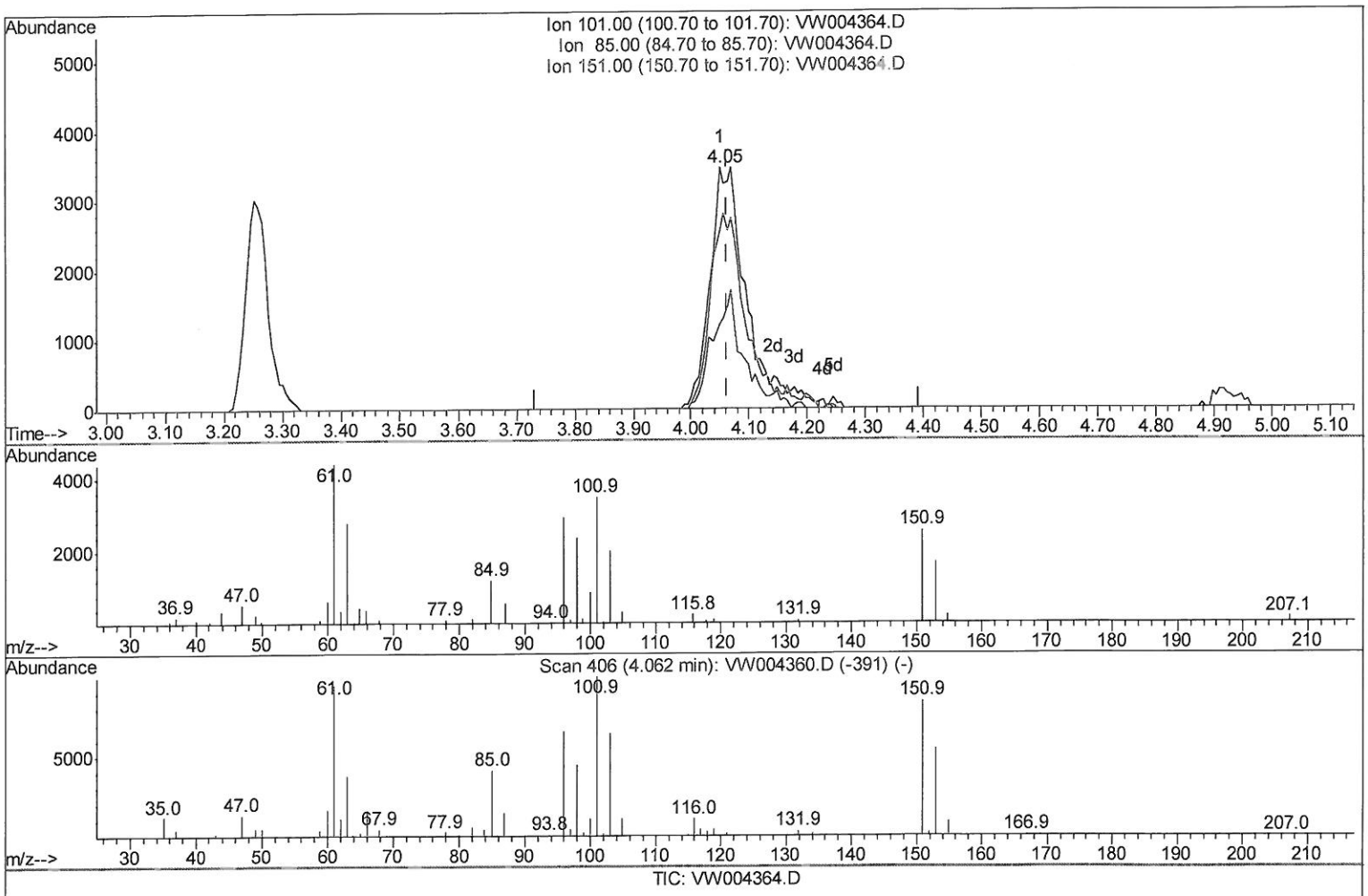

TIC: VW004364.D

(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.050min (-0.012) 3.30ug/L m 7/08/c8/18 [illegible]

response 15025

Ion	Exp%	Act%
101.00	100	100
85.00	40.50	30.43#
151.00	86.50	76.88
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073118\

Quantitation Report (Qedit)

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Acq On : 31 Jul 2018 18:04
Operator : SY/AP
Sample : VSTD2.582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 20:21:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 17:41:00 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.582

Manual Integrations APPROVED
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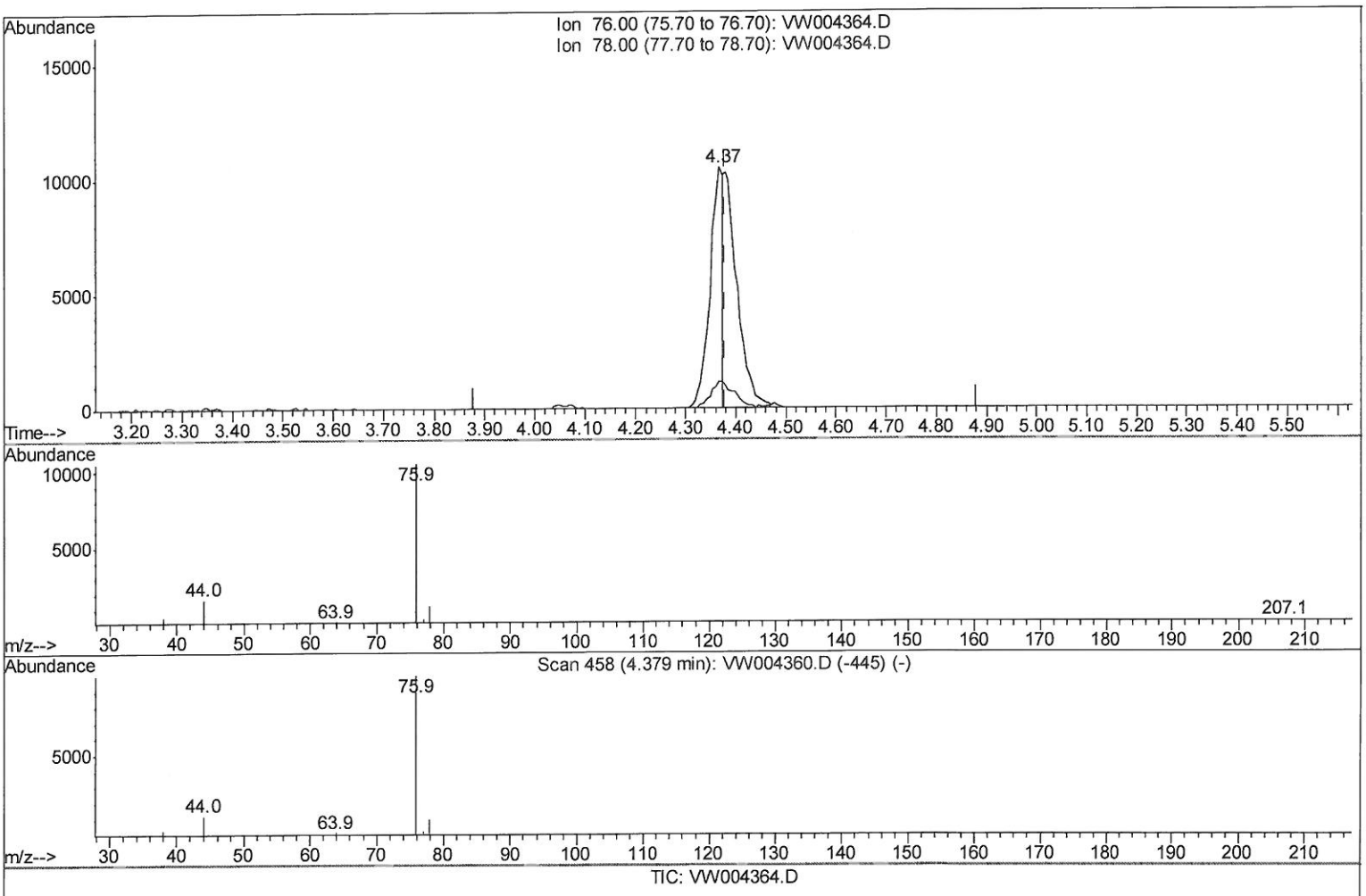


TIC: VW004364.D

(14) Carbon disulfide (T)

4.367min (-0.012) 1.49ug/L

response 18181

Ion	Exp%	Act%
76.00	100	100
78.00	9.40	11.02
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073118\

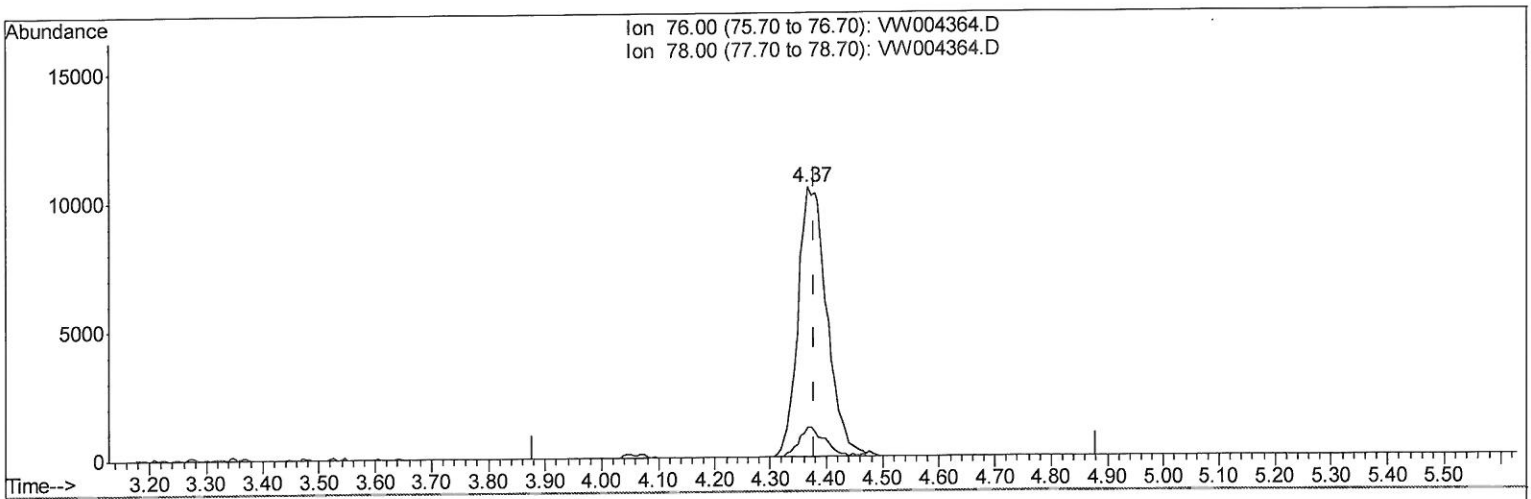
Quantitation Report (Qedit)

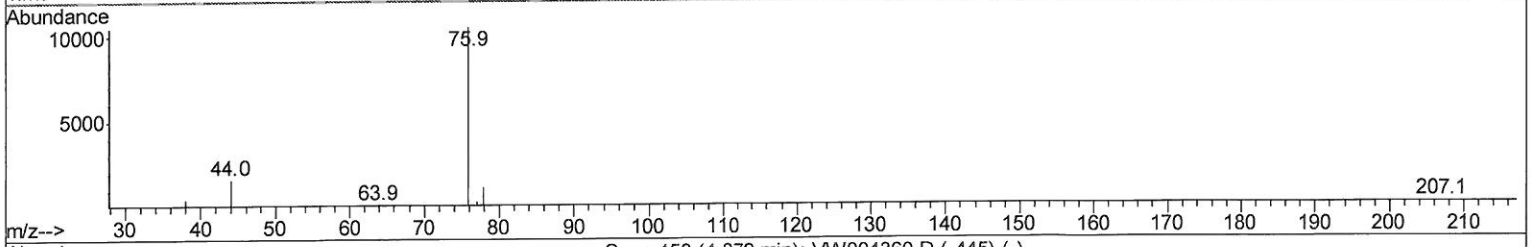
Data File : VW004364.D
Acq On : 31 Jul 2018 18:04
Operator : SY/AP
Sample : VSTD2.582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

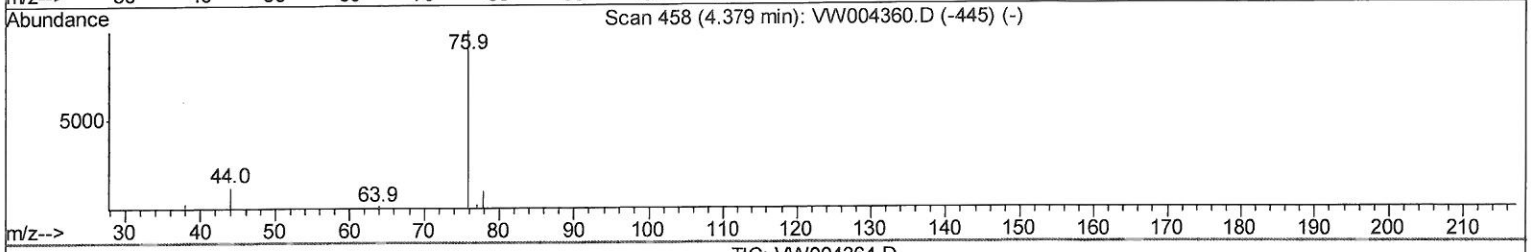
Quant Time: Jul 31 20:21:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 17:41:00 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.582

Manual Integrations APPROVED
MMDadoda
8/1/2018 4:12:01 PM







TIC: VW004364.D

(14) Carbon disulfide (T)

4.367min (-0.012) 3.05ug/L m 08/08/18 SY

response 37314

Ion	Exp%	Act%
76.00	100	100
78.00	9.40	11.02
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073118\

Quantitation Report (QT Reviewed)

Data File : VW004364.D
Acq On : 31 Jul 2018 18:04
Operator : SY/AP
Sample : VSTD2.582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.582

Manual Integrations APPROVED
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8/1/2018 4:12:01 PM

Quant Time: Jul 31 20:24:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 17:41:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	365744	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.64	117	345861	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	179375	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	7110	2.88	ug/L		0.00
7) Chloroethane-d5	2.89	69	7233	2.44	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.02	63	25252	3.30	ug/L		0.00
20) 2-Butanone-d5	7.09	46	9798	6.02	ug/L		0.00
24) Chloroform-d	7.65	84	28076	3.26	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	15431	3.20	ug/L		0.00
29) Benzene-d6	8.28	84	53139	3.07	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.28	67	17395	3.32	ug/L		0.00
37) Toluene-d8	10.33	98	49239	2.95	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	7519	2.91	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	6600	4.87	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	17148	3.16	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	20486	3.09	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	9764	3.080	ug/L		95
3) Chloromethane	2.22	50	9460	3.043	ug/L		84
5) Vinyl chloride	2.37	62	9058	2.669	ug/L		95
6) Bromomethane	2.78	94	6883	2.387	ug/L		98
8) Chloroethane	2.93	64	6603	2.325	ug/L		99
9) Trichlorofluoromethane	3.25	101	8060	2.434	ug/L		98
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	15025m	3.296	ug/L		
12) 1,1-Dichloroethene	4.04	96	13156	3.090	ug/L		92
13) Acetone	4.13	43	10961	7.750	ug/L		99
14) Carbon disulfide	4.37	76	37314m	3.049	ug/L		
15) Methyl Acetate	4.67	43	9462	3.441	ug/L	#	73
16) Methylene chloride	4.91	84	22458	4.102	ug/L		97
17) Methyl tert-butyl Ether	5.43	73	19574	2.894	ug/L		96
18) trans-1,2-Dichloroethene	5.41	96	14276	3.062	ug/L		97
19) 1,1-Dichloroethane	6.21	63	25751	3.220	ug/L		95
21) 2-Butanone	7.18	43	12338	6.452	ug/L		94
22) cis-1,2-Dichloroethene	7.17	96	15275	2.950	ug/L		90
23) Bromochloromethane	7.51	128	7229	2.949	ug/L		81
25) Chloroform	7.68	83	26074	3.034	ug/L		99
27) 1,2-Dichloroethane	8.40	62	17620	3.061	ug/L	#	94
30) Cyclohexane	7.95	56	21289	2.728	ug/L		92
31) 1,1,1-Trichloroethane	7.87	97	21329	2.928	ug/L		98
32) Carbon tetrachloride	8.07	117	20490	2.879	ug/L		98
34) Benzene	8.32	78	57857	3.038	ug/L		100
35) Trichloroethene	9.09	95	15262	2.954	ug/L		99
36) Methylcyclohexane	9.34	83	25355	2.748	ug/L		95
40) 1,2-Dichloropropane	9.37	63	14616	3.099	ug/L		100
41) Bromodichloromethane	9.65	83	18315	2.934	ug/L	#	98
42) cis-1,3-Dichloropropene	10.08	75	21119	2.781	ug/L		98
43) 4-Methyl-2-pentanone	10.21	43	21098	5.631	ug/L		94

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Acq On : 31 Jul 2018 18:04
Operator : SY/AP
Sample : VSTD2.582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.582

Manual Integrations APPROVED
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Quant Time: Jul 31 20:24:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	59938	2.872	ug/L		96
45) trans-1,3-Dichloropropene	10.61	75	18740	2.732	ug/L		99
46) 1,1,2-Trichloroethane	10.79	97	11644	2.915	ug/L		98
47) Tetrachloroethene	10.87	164	12997	2.900	ug/L		95
49) 2-Hexanone	10.98	43	15753	5.699	ug/L		94
50) Dibromochloromethane	11.13	129	14067	2.909	ug/L		93
51) 1,2-Dibromoethane	11.24	107	11263	2.835	ug/L		97
52) Chlorobenzene	11.66	112	41054	2.972	ug/L		98
53) Ethylbenzene	11.74	91	66032	2.812	ug/L		97
54) m,p-Xylene	11.85	106	24152	2.661	ug/L		91
55) o-xylene	12.17	106	23043	2.723	ug/L		98
56) Styrene	12.19	104	38584	2.645	ug/L		95
57) Isopropylbenzene	12.47	105	61813	2.575	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.72	83	16080	2.997	ug/L	#	95
59) 1,2,3-Trichloropropane	12.77	75	12449	3.032	ug/L		98
62) Bromoform	12.35	173	8969	2.815	ug/L	#	94
63) 1,3-Dichlorobenzene	13.51	146	32312	2.879	ug/L		91
64) 1,4-Dichlorobenzene	13.59	146	34397	3.010	ug/L		95
65) 1,2-Dichlorobenzene	13.88	146	30902	2.958	ug/L		92
66) 1,2-Dibromo-3-chloropropan	14.49	75	3013	3.045	ug/L	#	82
67) 1,3,5-Trichlorobenzene	14.64	180	26695	3.012	ug/L		97
68) 1,2,4-trichlorobenzene	15.15	180	21609	2.877	ug/L		98
69) Naphthalene	15.38	128	44278	2.569	ug/L		99
70) 1,2,3-Trichlorobenzene	15.57	180	19848	2.856	ug/L		99

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

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