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

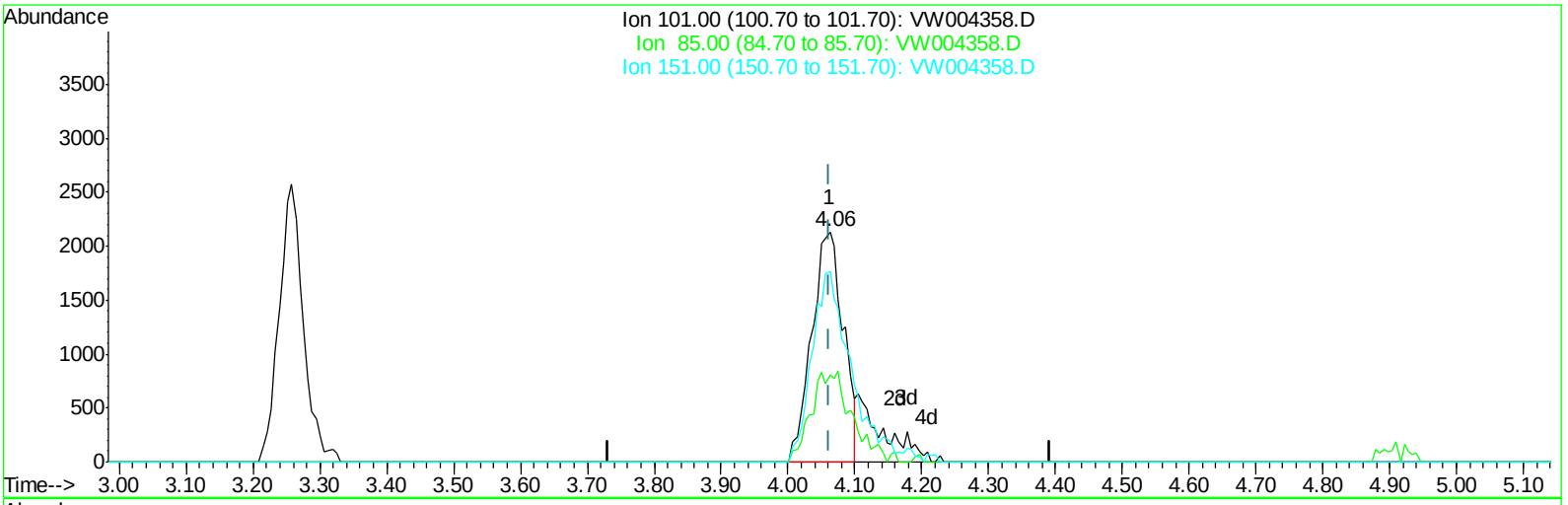
Quantitation Report (Qedit)

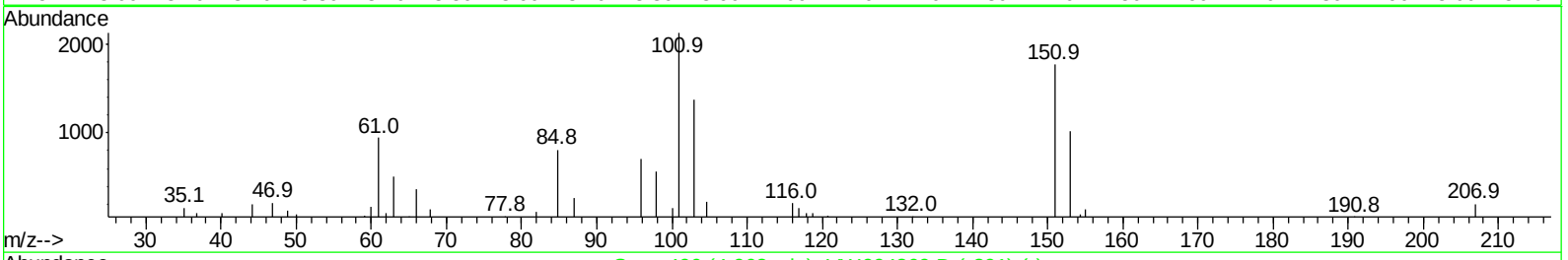
Data File : VW004358.D
Acq On : 31 Jul 2018 15:19
Operator : SY/AP
Sample : VSTD2.596
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

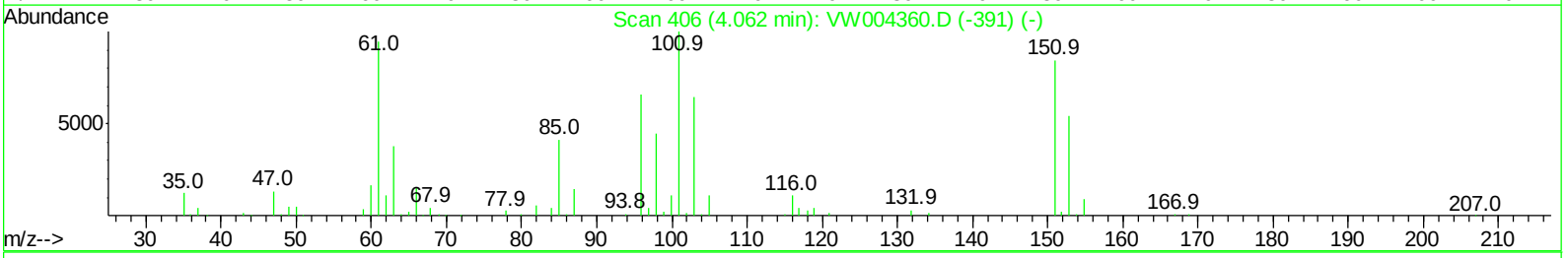
Quant Time: Jul 31 16:56:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 16:55:58 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5

Manual Integrations APPROVED
MMDadoda
8/1/2018 4:12:00 PM







TIC: VW004358.D

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

4.062min (+0.000) 2.13ug/L

response 6970

Ion	Exp%	Act%
101.00	100	100
85.00	40.50	20.86#
151.00	86.50	98.13
0.00	0.00	0.00

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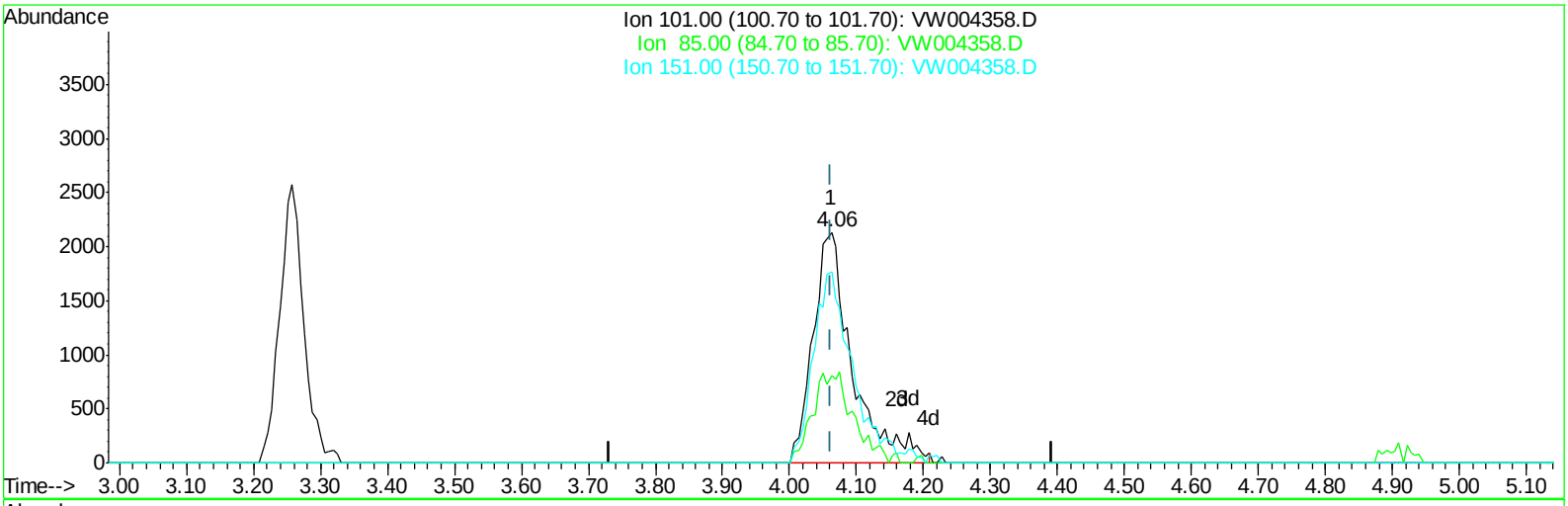

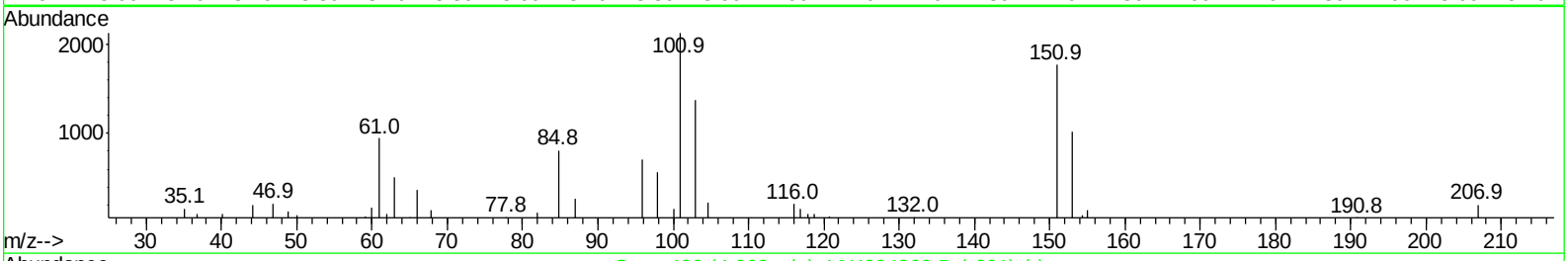

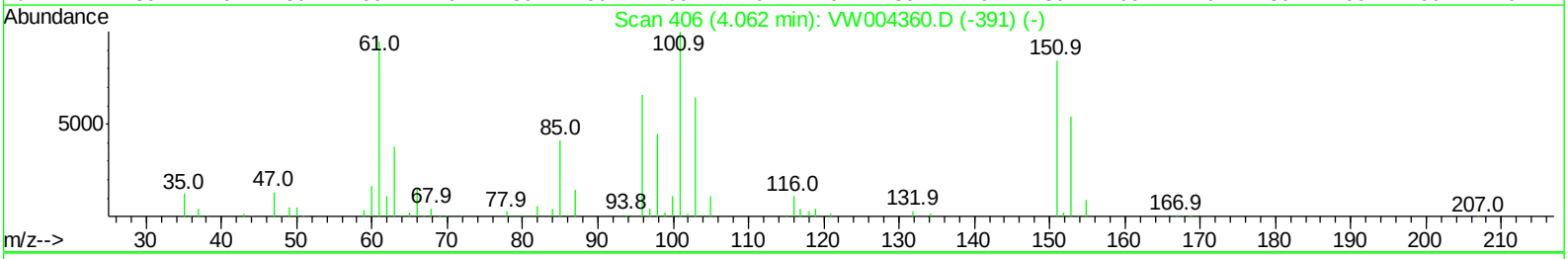

TIC: VW004358.D

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

4.062min (+0.000) 2.65ug/L m

response 8656

Ion	Exp%	Act%
101.00	100	100
85.00	40.50	16.80#
151.00	86.50	79.02
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 16:55:58 2018
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Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5

Manual Integrations APPROVED
MMDadoda
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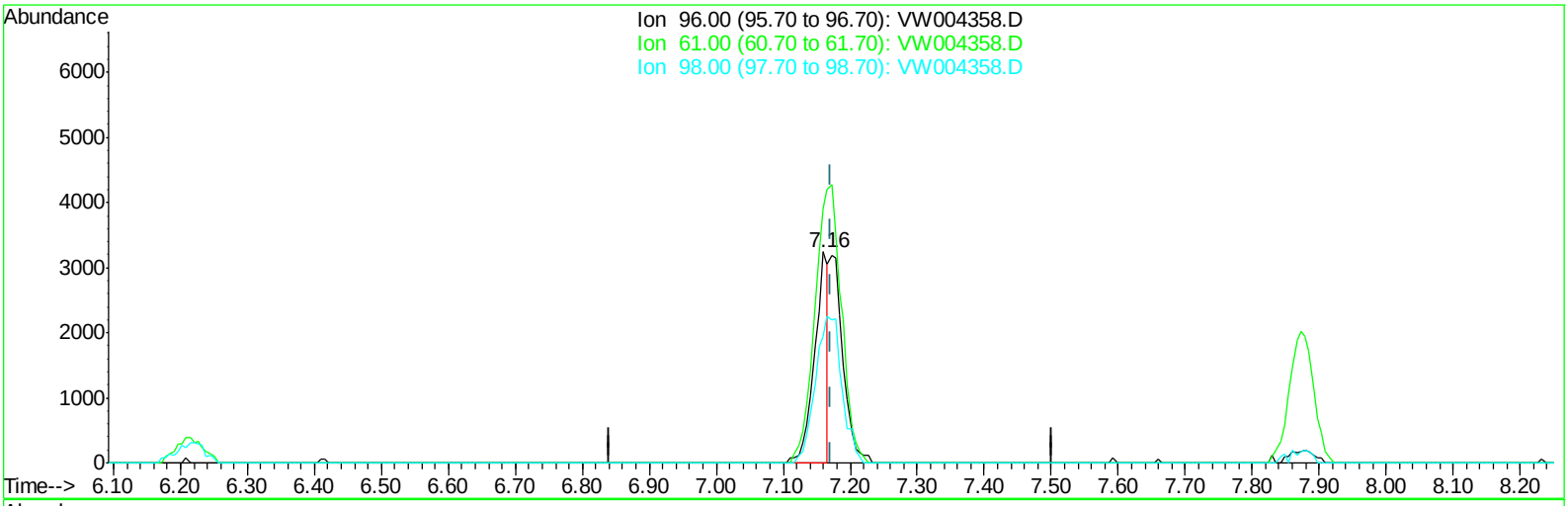
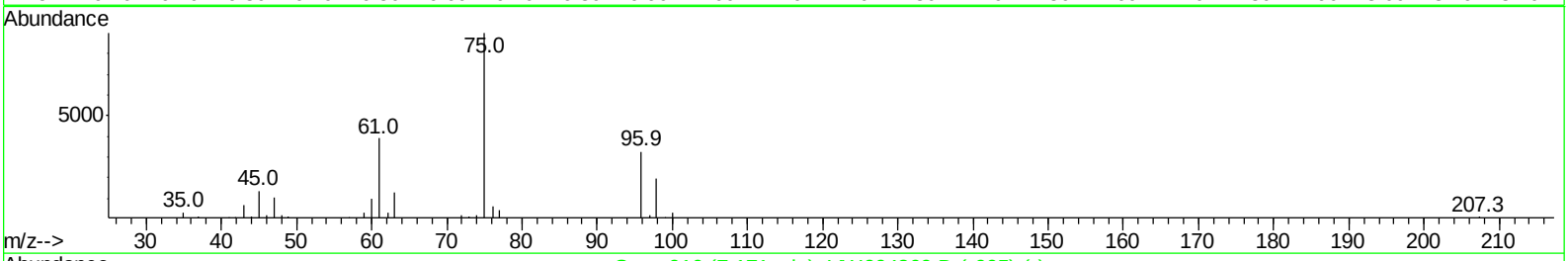
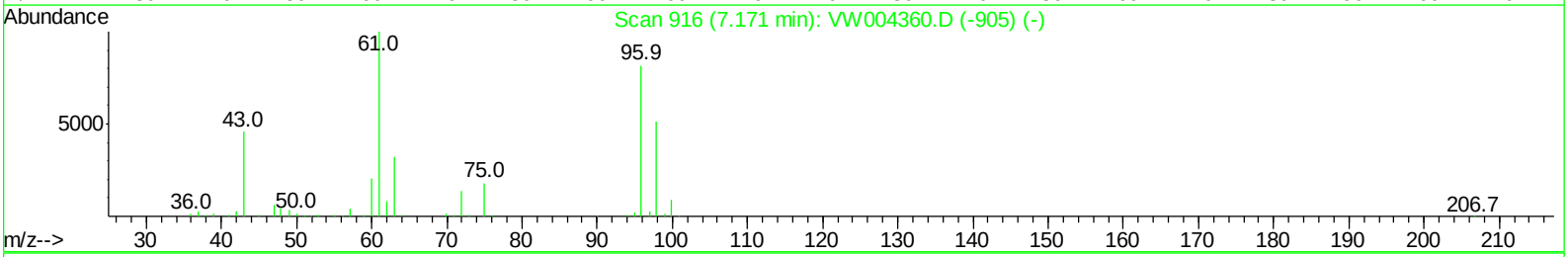






TIC: VW004358.D

(22) cis-1,2-Dichloroethene (T)

7.159min (-0.012) 1.25ug/L

response 4634

Ion	Exp%	Act%
96.00	100	100
61.00	122.40	120.40
98.00	62.50	60.03
0.00	0.00	0.00

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

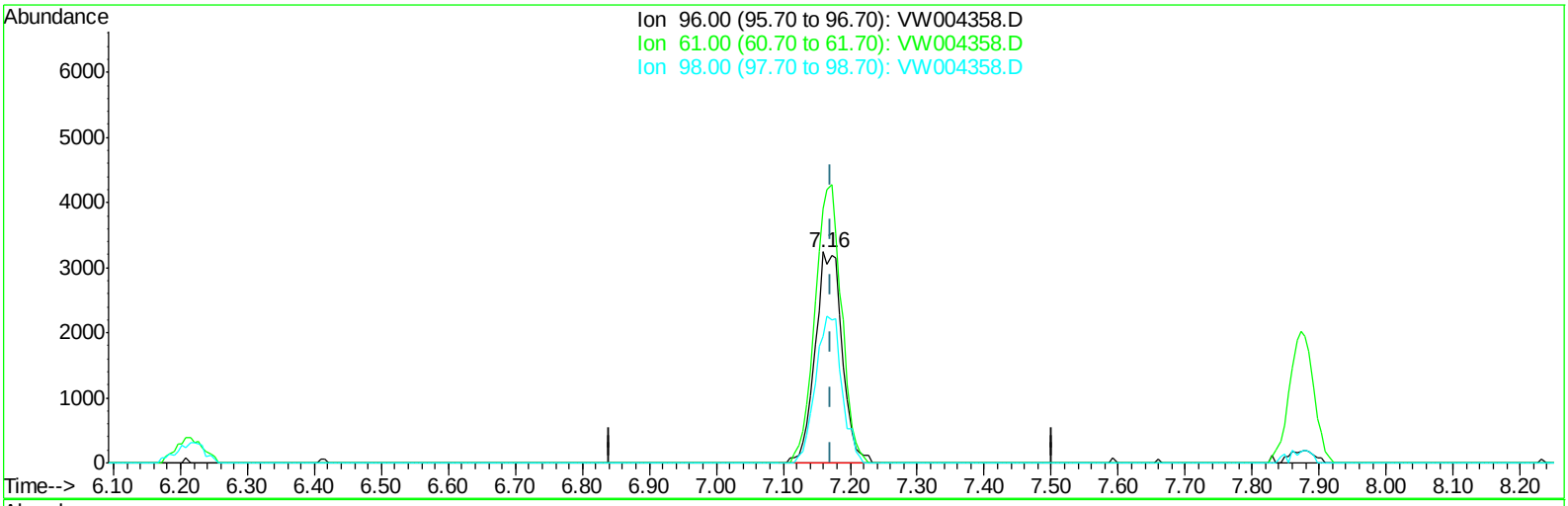
Quantitation Report (Qedit)

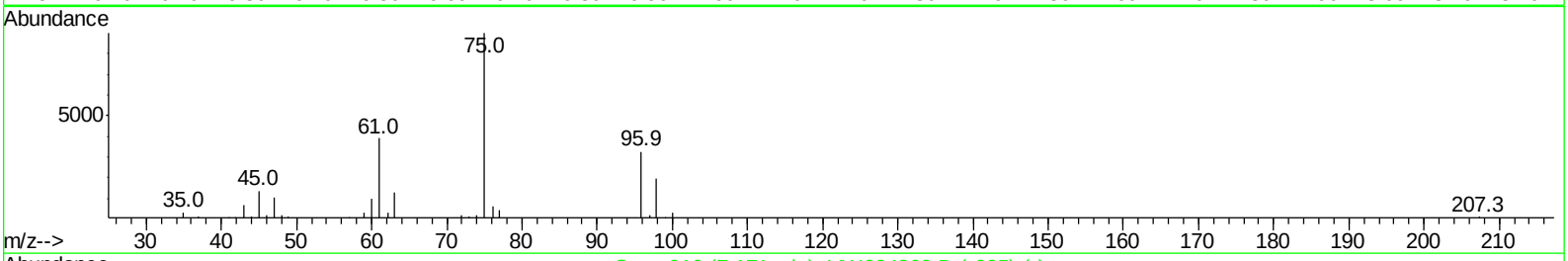
Data File : VW004358.D
Acq On : 31 Jul 2018 15:19
Operator : SY/AP
Sample : VSTD2.596
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

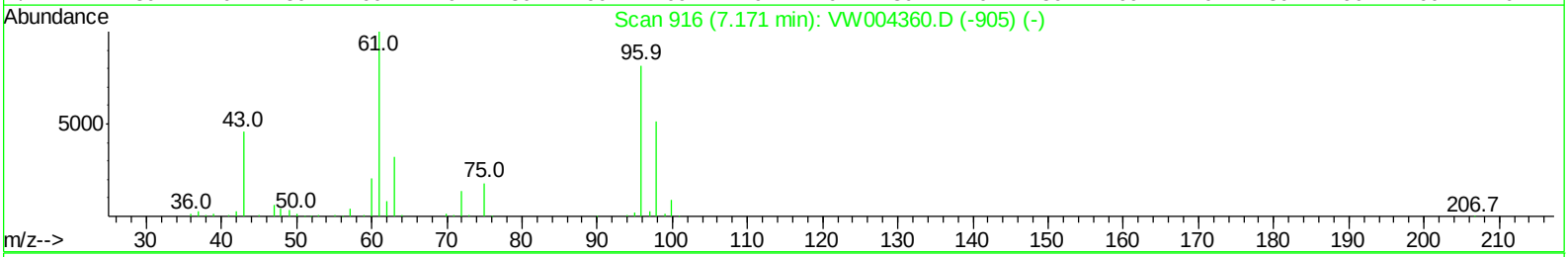
Quant Time: Jul 31 16:56:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 16:55:58 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5

Manual Integrations APPROVED
MMDadoda
8/1/2018 4:12:00 PM







TIC: VW004358.D

(22) cis-1,2-Dichloroethene (T)

7.159min (-0.012) 2.45ug/L m

response 9066

Ion	Exp%	Act%
96.00	100	100
61.00	122.40	120.40
98.00	62.50	60.03
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : VW004358.D
Acq On : 31 Jul 2018 15:19
Operator : SY/AP
Sample : VSTD2.596
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.5

Manual Integrations APPROVED
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8/1/2018 4:12:00 PM

Quant Time: Jul 31 17:03:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 16:55:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	273825	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248358	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	137403	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	1722	0.62	ug/L	-0.01
7) Chloroethane-d5	2.89	69	6861	3.42	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	13572	2.06	ug/L	-0.01
20) 2-Butanone-d5	7.09	46	4725	3.03	ug/L	0.00
24) Chloroform-d	7.65	84	16917	2.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	9231	2.19	ug/L	0.00
29) Benzene-d6	8.28	84	33119	2.52	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	9791	2.24	ug/L	0.00
37) Toluene-d8	10.33	98	32152	2.58	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	4559	2.29	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3587	3.12	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	9200	2.06	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	13460	2.62	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	5721	3.141	ug/L	89
3) Chloromethane	2.22	50	6517	2.534	ug/L	96
5) Vinyl chloride	2.37	62	1930	0.563	ug/L	85
6) Bromomethane	2.78	94	5922	3.081	ug/L	97
8) Chloroethane	2.92	64	5775	3.132	ug/L	99
9) Trichlorofluoromethane	3.26	101	6326	3.810	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	8656m	2.646	ug/L	
12) 1,1-Dichloroethene	4.03	96	7195	2.272	ug/L	91
13) Acetone	4.14	43	5743	3.645	ug/L	93
14) Carbon disulfide	4.37	76	16757	1.644	ug/L	100
15) Methyl Acetate	4.67	43	3976	1.517	ug/L #	78
16) Methylene chloride	4.92	84	13954	3.635	ug/L	89
17) Methyl tert-butyl Ether	5.42	73	11211	1.783	ug/L #	66
18) trans-1,2-Dichloroethene	5.42	96	8204	2.460	ug/L	92
19) 1,1-Dichloroethane	6.21	63	13944	2.146	ug/L	97
21) 2-Butanone	7.18	43	5596	2.817	ug/L	93
22) cis-1,2-Dichloroethene	7.16	96	9066m	2.445	ug/L	
23) Bromochloromethane	7.51	128	4474	2.549	ug/L	93
25) Chloroform	7.68	83	15584	2.339	ug/L	99
27) 1,2-Dichloroethane	8.40	62	10070	2.055	ug/L	99
30) Cyclohexane	7.96	56	12008	2.185	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	12678	2.529	ug/L	98
32) Carbon tetrachloride	8.07	117	12351	2.534	ug/L	99
34) Benzene	8.33	78	32543	2.279	ug/L	100
35) Trichloroethene	9.09	95	9161	2.439	ug/L	98
36) Methylcyclohexane	9.34	83	15088	2.404	ug/L	97
40) 1,2-Dichloropropane	9.37	63	7687	1.983	ug/L	99
41) Bromodichloromethane	9.65	83	10772	2.250	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	12520	2.220	ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	9318	2.698	ug/L	97

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Quant Time: Jul 31 17:03:10 2018
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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	36864	2.443	ug/L		96
45) trans-1,3-Dichloropropene	10.61	75	11463	2.217	ug/L		99
46) 1,1,2-Trichloroethane	10.79	97	6994	2.324	ug/L		96
47) Tetrachloroethene	10.87	164	8198	2.728	ug/L		93
49) 2-Hexanone	10.98	43	6611	2.443	ug/L		91
50) Dibromochloromethane	11.13	129	8161	2.377	ug/L		99
51) 1,2-Dibromoethane	11.24	107	6852	2.335	ug/L	#	89
52) Chlorobenzene	11.66	112	24653	2.563	ug/L		97
53) Ethylbenzene	11.74	91	39285	2.413	ug/L		91
54) m,p-Xylene	11.84	106	15985	2.610	ug/L		85
55) o-xylene	12.17	106	14288	2.493	ug/L		97
56) Styrene	12.19	104	23225	2.338	ug/L		95
57) Isopropylbenzene	12.47	105	40537	2.603	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.72	83	8589	2.002	ug/L	#	89
59) 1,2,3-Trichloropropane	12.77	75	6448	1.955	ug/L		99
62) Bromoform	12.35	173	5335	2.163	ug/L	#	96
63) 1,3-Dichlorobenzene	13.51	146	21414	2.649	ug/L		90
64) 1,4-Dichlorobenzene	13.59	146	21799	2.554	ug/L		89
65) 1,2-Dichlorobenzene	13.88	146	18967	2.408	ug/L		95
66) 1,2-Dibromo-3-chloropropan	14.50	75	1462	1.653	ug/L		94
67) 1,3,5-Trichlorobenzene	14.64	180	17468	2.793	ug/L		96
68) 1,2,4-trichlorobenzene	15.15	180	13881	2.722	ug/L		98
69) Naphthalene	15.38	128	30346	2.589	ug/L		99
70) 1,2,3-Trichlorobenzene	15.57	180	12736	2.581	ug/L		98

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

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