

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003914.D
 Acq On : 12 Jul 2018 22:42
 Operator : SY/AP
 Sample : J3948-05
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.800	27	35	57	rVB	1645658	3698774	100.00%	11.332%
2	4.904	532	544	558	rBV3	15612	49204	1.33%	0.151%
3	7.885	1022	1033	1038	rBV2	73356	178630	4.83%	0.547%
4	7.952	1038	1044	1054	rVB	122269	277073	7.49%	0.849%
5	8.311	1094	1103	1116	rVB2	88083	209229	5.66%	0.641%
6	8.842	1180	1190	1201	rBV	182059	376245	10.17%	1.153%
7	10.329	1425	1434	1440	rBV	229891	427914	11.57%	1.311%
8	11.634	1643	1648	1654	rVB	260540	431474	11.67%	1.322%
9	11.738	1659	1665	1674	rVV	619563	1004321	27.15%	3.077%
10	11.847	1678	1683	1691	rVB	121612	211194	5.71%	0.647%
11	12.171	1727	1736	1744	rBV	170693	306654	8.29%	0.939%
12	12.256	1747	1750	1755	rVB	31756	45007	1.22%	0.138%
13	12.372	1766	1769	1775	rVB4	30465	55951	1.51%	0.171%
14	12.469	1779	1785	1790	rBV	122452	219089	5.92%	0.671%
15	12.622	1805	1810	1820	rVB	224612	425410	11.50%	1.303%
16	12.811	1833	1841	1844	rBV2	44336	100734	2.72%	0.309%
17	12.908	1846	1857	1860	rVV	394641	851980	23.03%	2.610%
18	12.951	1860	1864	1883	rVB2	354118	868734	23.49%	2.662%
19	13.109	1884	1890	1896	rBV	194847	346853	9.38%	1.063%
20	13.170	1896	1900	1906	rVB	78913	114685	3.10%	0.351%
21	13.256	1908	1914	1919	rBV	528387	831741	22.49%	2.548%
22	13.311	1919	1923	1925	rBV2	73074	117985	3.19%	0.361%
23	13.365	1926	1932	1942	rVV3	151884	533295	14.42%	1.634%
24	13.451	1943	1946	1950	rVV2	86746	122554	3.31%	0.375%
25	13.500	1950	1954	1961	rVB4	95837	185816	5.02%	0.569%
26	13.567	1961	1965	1967	rBV	229867	333341	9.01%	1.021%
27	13.591	1967	1969	1973	rVB	178666	226325	6.12%	0.693%
28	13.634	1973	1976	1982	rVB	101277	141142	3.82%	0.432%
29	13.725	1985	1991	1993	rBV	309446	466840	12.62%	1.430%
30	13.768	1993	1998	2012	rVB2	1728415	3441548	93.05%	10.544%
31	13.884	2012	2017	2021	rBV3	119389	222353	6.01%	0.681%
32	13.945	2022	2027	2032	rBV3	93800	194003	5.25%	0.594%
33	14.024	2036	2040	2041	rBV3	55647	76457	2.07%	0.234%
34	14.103	2048	2053	2058	rBV	328080	507635	13.72%	1.555%

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35	14.219	2065	2072	2081	rBV3	268221	711209	19.23%	2.179%
36	14.353	2088	2094	2097	rBV5	109924	227518	6.15%	0.697%
37	14.396	2098	2101	2104	rVV3	144017	226768	6.13%	0.695%
38	14.438	2105	2108	2110	rVV2	100194	153031	4.14%	0.469%
39	14.469	2110	2113	2116	rVB	181108	234290	6.33%	0.718%
40	14.512	2116	2120	2124	rBV	215948	281600	7.61%	0.863%
41	14.566	2124	2129	2134	rBV7	124221	301155	8.14%	0.923%
42	14.701	2146	2151	2155	rBV	212890	363263	9.82%	1.113%
43	14.804	2163	2168	2173	rBV3	389483	828904	22.41%	2.540%
44	14.853	2173	2176	2186	rVV3	327001	689466	18.64%	2.112%
45	14.969	2188	2195	2208	rVV3	913414	3276186	88.57%	10.037%
46	15.072	2209	2212	2216	rVB3	147676	225437	6.09%	0.691%
47	15.182	2227	2230	2235	rBV3	78549	134701	3.64%	0.413%
48	15.255	2239	2242	2250	rVB6	124041	280423	7.58%	0.859%
49	15.341	2251	2256	2260	rBV	309417	536024	14.49%	1.642%
50	15.670	2302	2310	2317	rBV	170207	604173	16.33%	1.851%
51	15.743	2318	2322	2330	rVB4	234057	497785	13.46%	1.525%
52	16.182	2387	2394	2398	rBV6	112089	281685	7.62%	0.863%
53	16.237	2399	2403	2409	rVV4	139270	311849	8.43%	0.955%
54	16.304	2410	2414	2422	rVB	258114	470998	12.73%	1.443%
55	16.456	2433	2439	2448	rVB	386107	845716	22.86%	2.591%
56	16.560	2452	2456	2462	rVV2	85579	190816	5.16%	0.585%
57	16.658	2464	2472	2484	rVB	1402141	3367163	91.03%	10.316%

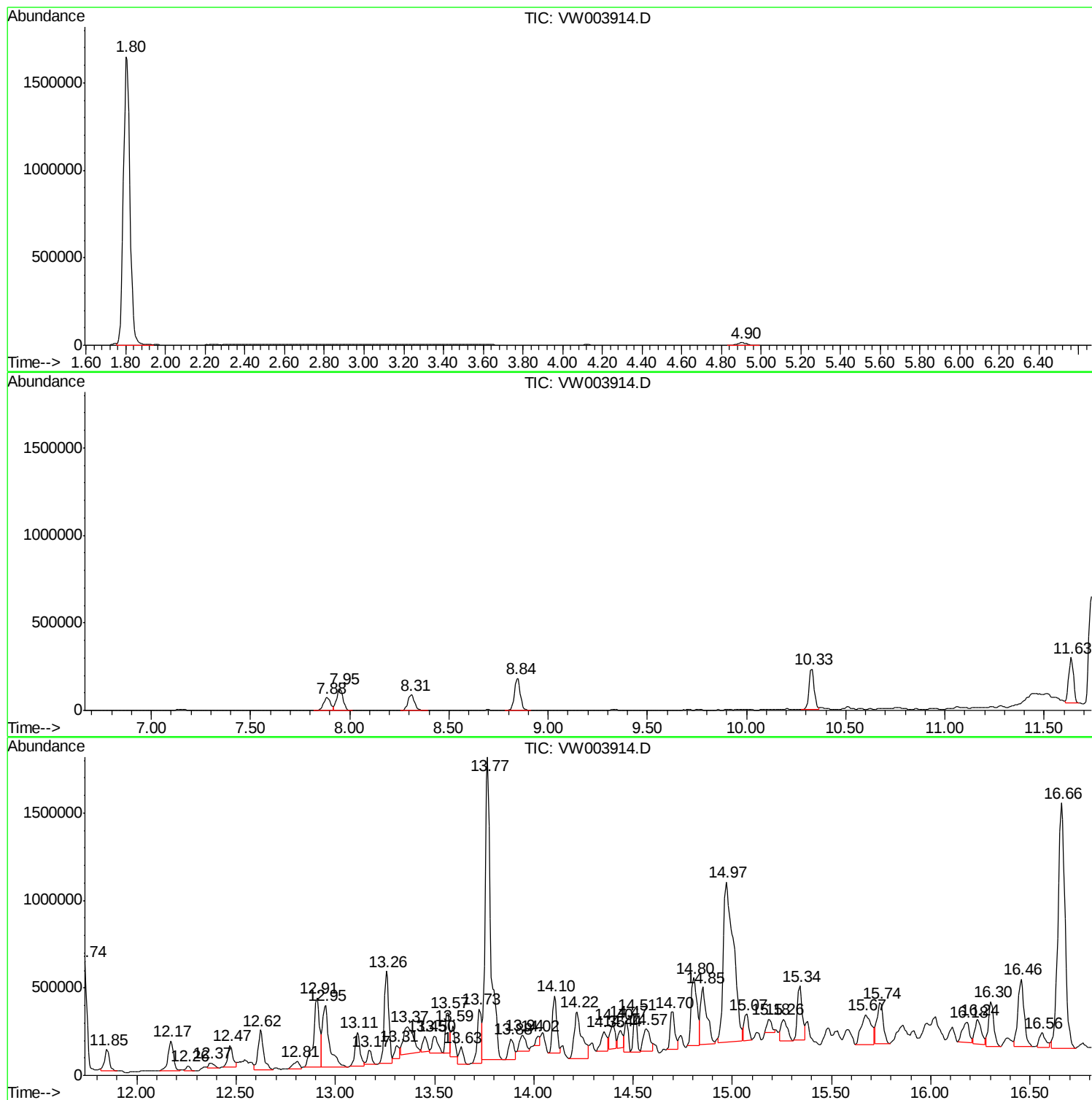
Sum of corrected areas: 32640350

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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 Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	79.99 ug/l	533295	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 95
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 95
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 94

 Peak Number 2 Deltacyclene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	516.22 ug/l	3441550	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Deltacyclene	118 C9H10	007785-10-6 64
2		Benzene, 1,1'-(1,5-hexadiene-1,6...	234 C18H18	004439-45-6 59
3		Indole	117 C8H7N	000120-72-9 46
4		Benzene, (2-bromocyclopropyl)-	196 C9H9Br	036617-02-4 45
5		trans-Cinnamyl bromide	196 C9H9Br	026146-77-0 42

 Peak Number 3 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	106.68 ug/l	711209	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Indan, 1-methyl-	132 C10H12	000767-58-8 87
2		Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4 87
3		Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0 87
4		Benzene, 2-butenyl-	132 C10H12	001560-06-1 80
5		Benzene, (2-methyl-2-propenyl)-	132 C10H12	003290-53-7 80

 Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.80	124.33 ug/l	828904	1,4-Dichlorobenzene-d4	13.57		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
2		o-Cymene	134	C10H14	000527-84-4	76
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76

 Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.85	103.42 ug/l	689466	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	96
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
4	Hexadecane	226	C16H34	000544-76-3	64
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	62

 Peak Number 6 1H-Indene, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.97	491.42 ug/l	3276190	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	64
3	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	55
4	Acenaphthene	154	C12H10	000083-32-9	50
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	46

 Peak Number 7 unknown15.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.67	90.62 ug/l	604173	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	35
2	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	25
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	18
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	18
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	18

 Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	126.85 ug/l	845716	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4			Benzocycloheptatriene	142	C11H10	000264-09-5	87
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,3-...	13.37	80.0	ug/l	533295	4	13.57	333341	50.0
Deltacyclene	13.77	516.2	ug/l	3441550	4	13.57	333341	50.0
Indan, 1-methyl-	14.22	106.7	ug/l	711209	4	13.57	333341	50.0
Benzene, 1,2,4,5-...	14.80	124.3	ug/l	828904	4	13.57	333341	50.0
Undecane, 2,6-dim...	14.85	103.4	ug/l	689466	4	13.57	333341	50.0
1H-Indene, 3-methyl-	14.97	491.4	ug/l	3276190	4	13.57	333341	50.0
unknown15.67	15.67	90.6	ug/l	604173	4	13.57	333341	50.0
Naphthalene, 1-me...	16.46	126.8	ug/l	845716	4	13.57	333341	50.0