

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006487.D
 Acq On : 30 Oct 2018 07:28
 Operator : SY/AP
 Sample : J5691-01
 Misc : 6.15G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12

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\82W101518S.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	4.910	482	493	510	rBV	16201	53031	4.24%	0.493%
2	7.159	852	862	875	rBV	7044	21459	1.72%	0.200%
3	7.885	971	981	986	rBV	133008	310287	24.81%	2.886%
4	7.952	986	992	1002	rVB	204677	456986	36.53%	4.250%
5	8.311	1042	1051	1062	rVB	117752	259173	20.72%	2.411%
6	8.848	1130	1139	1152	rBV	293445	590666	47.22%	5.494%
7	10.329	1374	1382	1389	rBV	286679	516375	41.28%	4.803%
8	10.866	1463	1470	1477	rVB	104415	181954	14.55%	1.692%
9	11.634	1588	1596	1608	rVB	286986	480722	38.43%	4.471%
10	12.365	1706	1716	1721	rBV7	5239	13502	1.08%	0.126%
11	12.622	1752	1758	1768	rVB	192930	315167	25.20%	2.931%
12	12.786	1777	1785	1791	rVB5	7297	16674	1.33%	0.155%
13	12.865	1791	1798	1803	rBV5	7042	17009	1.36%	0.158%
14	12.939	1803	1810	1823	rVB3	27029	64030	5.12%	0.596%
15	13.170	1844	1848	1854	rVB2	19332	25389	2.03%	0.236%
16	13.262	1858	1863	1866	rVB2	10458	15393	1.23%	0.143%
17	13.451	1886	1894	1897	rBV8	11892	24516	1.96%	0.228%
18	13.493	1897	1901	1904	rBV4	13390	19205	1.54%	0.179%
19	13.566	1907	1913	1920	rVB	163222	270667	21.64%	2.517%
20	13.634	1920	1924	1927	rBV2	25023	36269	2.90%	0.337%
21	13.798	1947	1951	1954	rBV2	10496	17714	1.42%	0.165%
22	13.884	1960	1965	1970	rBV	92409	137870	11.02%	1.282%
23	13.963	1972	1978	1983	rVV	73955	126352	10.10%	1.175%
24	14.042	1989	1991	1995	rVB4	12734	14929	1.19%	0.139%
25	14.097	1995	2000	2005	rVB6	25014	48573	3.88%	0.452%
26	14.140	2005	2007	2013	rVB6	18352	27026	2.16%	0.251%
27	14.207	2013	2018	2023	rBV5	54999	106079	8.48%	0.987%
28	14.261	2023	2027	2031	rBV4	31192	56319	4.50%	0.524%
29	14.353	2036	2042	2044	rBV5	37107	71707	5.73%	0.667%
30	14.396	2045	2049	2053	rBV5	35801	65862	5.27%	0.613%
31	14.444	2054	2057	2060	rBV3	24000	29014	2.32%	0.270%
32	14.591	2076	2081	2090	rVB2	571160	1231028	98.41%	11.450%
33	14.670	2090	2094	2097	rBV4	30290	37260	2.98%	0.347%
34	14.731	2097	2104	2109	rBV3	182193	328835	26.29%	3.058%

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35	14.798	2111	2115	2120	rBV3	71162	162308	12.98%	1.510%
36	14.859	2121	2125	2130	rVV3	145312	245310	19.61%	2.282%
37	14.963	2137	2142	2147	rBV4	119792	249468	19.94%	2.320%
38	15.164	2165	2175	2180	rBV	562861	1250905	100.00%	11.634%
39	15.225	2181	2185	2187	rBV2	103690	174510	13.95%	1.623%
40	15.334	2199	2203	2208	rVB4	105476	162030	12.95%	1.507%
41	15.450	2212	2222	2224	rBV2	448228	1219610	97.50%	11.343%
42	15.725	2262	2267	2280	rVB2	405935	1035085	82.75%	9.627%
43	15.840	2282	2286	2288	rBV2	151089	265448	21.22%	2.469%

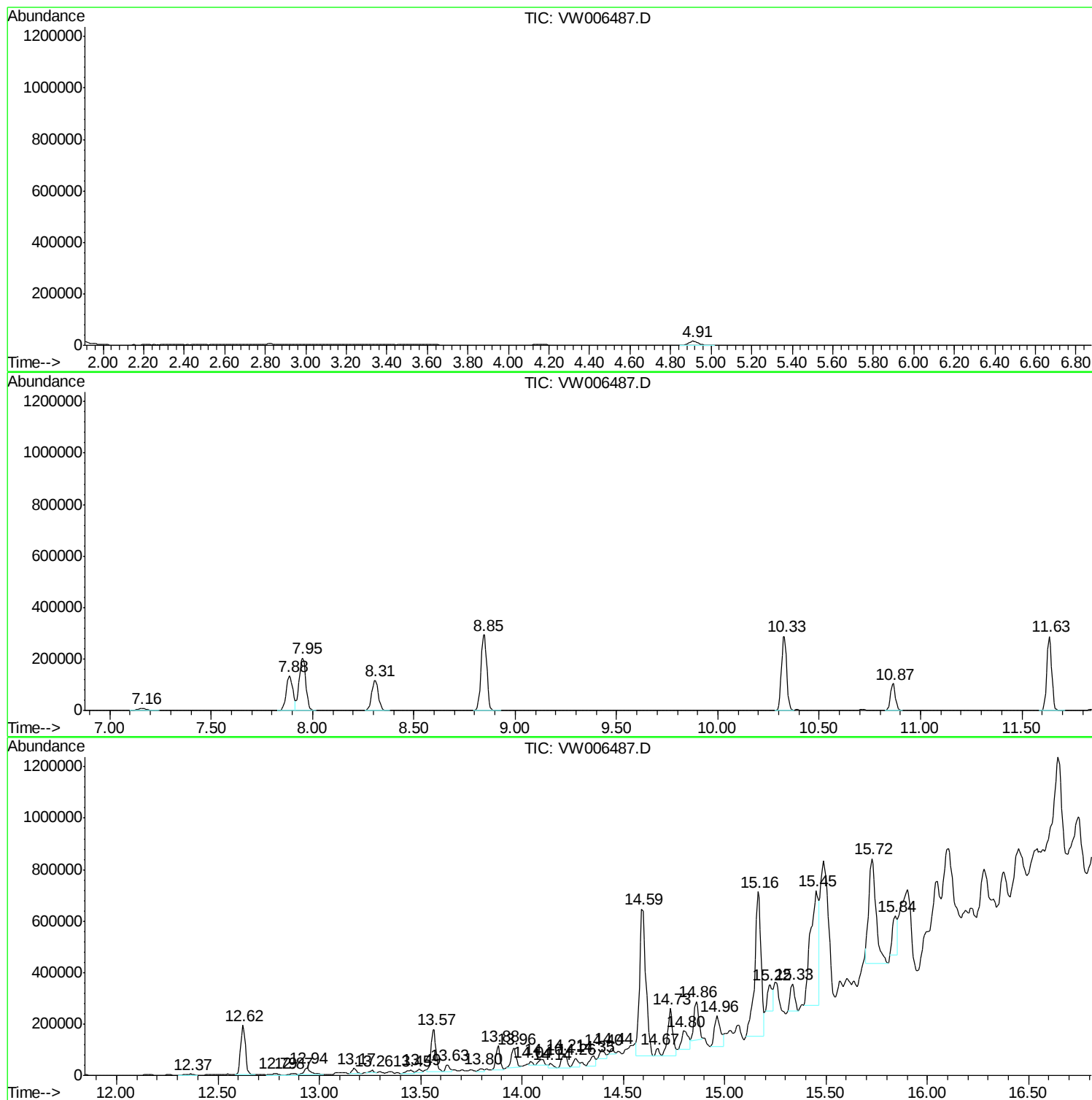
Sum of corrected areas: 10751716

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



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TIC Integration Parameters: LSCINT.P

Peak Number 1 1,3,5-Trimethyladamantane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	227.41 ug/l	1231030	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,3,5-Trimethyladamantane	178 C13H22	000707-35-7 91
2		1,3-Dimethyl-5-n-hexyladamantane	248 C18H32	052873-50-4 64
3		1,3,6-Trimethyladamantane	178 C13H22	024139-37-5 56
4		4H-1,3,2-Dioxaborin, 4,6-diethen...	178 C10H15B02	074630-03-8 40
5		1,2-Dimethyl-5-nitroadamantane	209 C12H19N02	006588-68-7 40

Peak Number 2 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	60.75 ug/l	328835	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane		170 C12H26	000112-40-3 55
2	Tetradecane		198 C14H30	000629-59-4 46
3	Hexadecane		226 C16H34	000544-76-3 46
4	Tridecane, 1-iodo-		310 C13H27I	035599-77-0 43
5	Undecane		156 C11H24	001120-21-4 43

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.80	29.98 ug/l	162308	1,4-Dichlorobenzene-d4	13.57	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	35
4	p-Cymene	134	C10H14	000099-87-6	35
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35

Peak Number 4 unknown14.86 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.86	45.32 ug/l	245310	1,4-Dichlorobenzene-d4	13.57			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Octadien-2-one	124	C8H12O	038284-27-4	25
2			Pentaleno[1,2-b]oxirene, octahyd...	124	C8H12O	055449-71-3	14
3			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	14
4			Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	14
5			Benzenamine, 4-methoxy-	123	C7H9NO	000104-94-9	14

 Peak Number 5 unknown14.96 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.96	46.08 ug/l	249468	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Azulenone, 4,5,6,7,8,8a-he...	164	C11H16O	055103-73-6	46	
2	Bicyclo[2.2.1]heptane, 2-ethylid...	164	C12H20	062413-60-9	38	
3	Phenol, 3-propyl-	136	C9H12O	000621-27-2	18	
4	cis,cis,cis-Perhydroacenaphtene	164	C12H20	038113-44-9	18	
5	2-Butanone, 4-(4-hydroxyphenyl)-	164	C10H12O2	005471-51-2	18	

 Peak Number 6 unknown15.22 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.22	32.24 ug/l	174510	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	081955-10-4	38	
2	Cyclopentanecarboxylic acid, 3-m...	224	C14H24O2	1000159-43-0	35	
3	2-Methylisoborneol	168	C11H20O	002371-42-8	27	
4	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	25	
5	Methanone, cyclohexyl-1H-imidazo...	178	C10H14N2O	061985-29-3	22	

 Peak Number 7 1,3,4-Trimethyladamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.45	225.30 ug/l	1219610	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	76
2	1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	59
3	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	58
4	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	58
5	4H-1,3,2-Dioxaborin, 4,6-diethen...	178	C10H15B02	074630-03-8	50

Peak Number 8 unknown15.84 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	49.04 ug/l	265448	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Fluoro-2-trifluoromethylbenzoic...	376	C20H28F4O2	1000338-49-4	43
2			.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
3			9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	38
4			2-Fluoro-6-trifluoromethylbenzoi...	418	C23H34F4O2	1000338-54-2	37
5			1,4,5,6-Tetrahydrocyclopentapyra...	326	C19H26N4O	1000265-46-6	37

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5-Trimethylad...	14.59	227.4	ug/l	1231030	4	13.57	270667	50.0
Dodecane	14.73	60.8	ug/l	328835	4	13.57	270667	50.0
Benzene, 1-ethyl-...	14.80	30.0	ug/l	162308	4	13.57	270667	50.0
unknown14.86	14.86	45.3	ug/l	245310	4	13.57	270667	50.0
unknown14.96	14.96	46.1	ug/l	249468	4	13.57	270667	50.0
unknown15.22	15.22	32.2	ug/l	174510	4	13.57	270667	50.0
1,3,4-Trimethylad...	15.45	225.3	ug/l	1219610	4	13.57	270667	50.0
unknown15.84	15.84	49.0	ug/l	265448	4	13.57	270667	50.0