

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003961.D
 Acq On : 16 Jul 2018 19:42
 Operator : VA/AP
 Sample : J3975-07
 Misc : 5.40G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-8

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\82W071618S.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	1.746	15	26	28	rBV	11986	22743	2.14%	0.197%
2	1.807	28	36	50	rVB	425445	1034508	97.56%	8.962%
3	2.160	87	94	99	rBV2	4439	12608	1.19%	0.109%
4	4.123	405	416	425	rBV	24260	65244	6.15%	0.565%
5	4.361	443	455	461	rBV2	10801	33034	3.12%	0.286%
6	4.910	528	545	558	rBV4	8163	37004	3.49%	0.321%
7	7.165	905	915	930	rBV3	19884	63946	6.03%	0.554%
8	7.885	1023	1033	1038	rBV	154747	362270	34.17%	3.138%
9	7.946	1038	1043	1052	rVV	295053	646562	60.98%	5.601%
10	8.031	1052	1057	1066	rVB5	5405	13978	1.32%	0.121%
11	8.305	1093	1102	1113	rVB	155902	349712	32.98%	3.030%
12	8.476	1122	1130	1141	rBV2	24362	63885	6.02%	0.553%
13	8.842	1181	1190	1201	rBV	415527	831701	78.44%	7.205%
14	9.330	1259	1270	1276	rBV5	14488	40196	3.79%	0.348%
15	9.384	1276	1279	1286	rVB4	5821	11026	1.04%	0.096%
16	9.470	1286	1293	1300	rBV2	4974	10987	1.04%	0.095%
17	9.604	1305	1315	1320	rBV7	4613	11801	1.11%	0.102%
18	9.762	1333	1341	1354	rBV	41200	88112	8.31%	0.763%
19	9.897	1354	1363	1376	rBV	72466	165565	15.61%	1.434%
20	10.086	1386	1394	1399	rBV4	11128	26608	2.51%	0.231%
21	10.250	1409	1421	1426	rBV	21865	44691	4.21%	0.387%
22	10.329	1426	1434	1441	rBV	593397	1060345	100.00%	9.186%
23	10.500	1456	1462	1470	rVB4	12112	30237	2.85%	0.262%
24	10.671	1485	1490	1494	rBV	11328	19896	1.88%	0.172%
25	10.768	1499	1506	1511	rBV5	15453	34163	3.22%	0.296%
26	10.854	1516	1520	1525	rVB5	6327	10631	1.00%	0.092%
27	10.945	1525	1535	1539	rBV6	7406	15727	1.48%	0.136%
28	11.043	1546	1551	1553	rBV2	7205	11533	1.09%	0.100%
29	11.232	1577	1582	1588	rVB	31404	52756	4.98%	0.457%
30	11.293	1588	1592	1596	rVB5	7648	10734	1.01%	0.093%
31	11.341	1596	1600	1604	rVB4	8410	12506	1.18%	0.108%
32	11.439	1612	1616	1624	rVB5	13714	29996	2.83%	0.260%
33	11.518	1624	1629	1633	rBV	8709	16363	1.54%	0.142%
34	11.634	1640	1648	1656	rBV	524079	884282	83.40%	7.660%

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35	11.768	1667	1670	1674	rVB3	11130	14859	1.40%	0.129%
36	11.829	1674	1680	1684	rBV5	14912	34623	3.27%	0.300%
37	11.878	1684	1688	1700	rVB5	33602	99403	9.37%	0.861%
38	11.982	1700	1705	1708	rBV4	8441	16628	1.57%	0.144%
39	12.146	1724	1732	1738	rBV4	39617	108754	10.26%	0.942%
40	12.256	1744	1750	1755	rVB4	31646	67686	6.38%	0.586%
41	12.475	1776	1786	1791	rBV7	44994	127173	11.99%	1.102%
42	12.622	1803	1810	1817	rVB	354432	606907	57.24%	5.258%
43	12.719	1818	1826	1830	rBV7	26618	76392	7.20%	0.662%
44	12.786	1833	1837	1843	rVB4	99271	181278	17.10%	1.570%
45	12.872	1843	1851	1856	rBV6	48781	142149	13.41%	1.231%
46	12.951	1857	1864	1877	rVB9	91575	281824	26.58%	2.441%
47	13.085	1883	1886	1890	rBV5	29112	37328	3.52%	0.323%
48	13.128	1890	1893	1897	rVB2	17394	22324	2.11%	0.193%
49	13.176	1897	1901	1904	rBV3	55226	95574	9.01%	0.828%
50	13.268	1912	1916	1918	rBV3	26731	40311	3.80%	0.349%
51	13.304	1918	1922	1926	rVV3	27404	47406	4.47%	0.411%
52	13.420	1932	1941	1944	rBV3	83837	186864	17.62%	1.619%
53	13.493	1950	1953	1957	rVB3	25471	32829	3.10%	0.284%
54	13.567	1959	1965	1969	rVV	355780	584322	55.11%	5.062%
55	13.603	1969	1971	1982	rVB2	135125	258270	24.36%	2.237%
56	13.707	1983	1988	1991	rBV4	36990	61671	5.82%	0.534%
57	13.884	2012	2017	2022	rBV2	156554	268838	25.35%	2.329%
58	14.103	2050	2053	2056	rVB2	32517	39980	3.77%	0.346%
59	14.146	2056	2060	2066	rVV3	69893	128328	12.10%	1.112%
60	14.213	2067	2071	2076	rVB2	53892	94244	8.89%	0.816%
61	14.274	2076	2081	2087	rVB5	44855	92216	8.70%	0.799%
62	14.353	2088	2094	2097	rBV6	26457	63429	5.98%	0.549%
63	14.396	2097	2101	2104	rBV3	73108	118151	11.14%	1.024%
64	14.426	2104	2106	2111	rVB3	53662	77292	7.29%	0.670%
65	14.512	2116	2120	2121	rBV4	39269	47772	4.51%	0.414%
66	14.554	2125	2127	2134	rVB5	75272	119826	11.30%	1.038%
67	14.713	2149	2153	2154	rBV4	16378	22902	2.16%	0.198%
68	14.737	2154	2157	2164	rVV4	42793	75601	7.13%	0.655%
69	14.816	2164	2170	2174	rVV5	74452	183288	17.29%	1.588%
70	14.853	2174	2176	2184	rVB5	53953	106128	10.01%	0.919%
71	14.981	2193	2197	2200	rBV5	26081	48898	4.61%	0.424%

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72	15.072	2209	2212	2217	rVB3	38456	56775	5.35%	0.492%
73	15.188	2226	2231	2238	rVB3	48062	98597	9.30%	0.854%
74	15.341	2251	2256	2260	rBV3	70417	133484	12.59%	1.156%
75	15.572	2291	2294	2302	rVB8	32026	76583	7.22%	0.663%
76	15.676	2304	2311	2317	rVV8	30100	89053	8.40%	0.771%
77	15.749	2319	2323	2330	rVB5	42043	82243	7.76%	0.712%
78	16.304	2411	2414	2422	rVB2	44713	80911	7.63%	0.701%
79	16.658	2467	2472	2485	rVB6	62130	189017	17.83%	1.637%

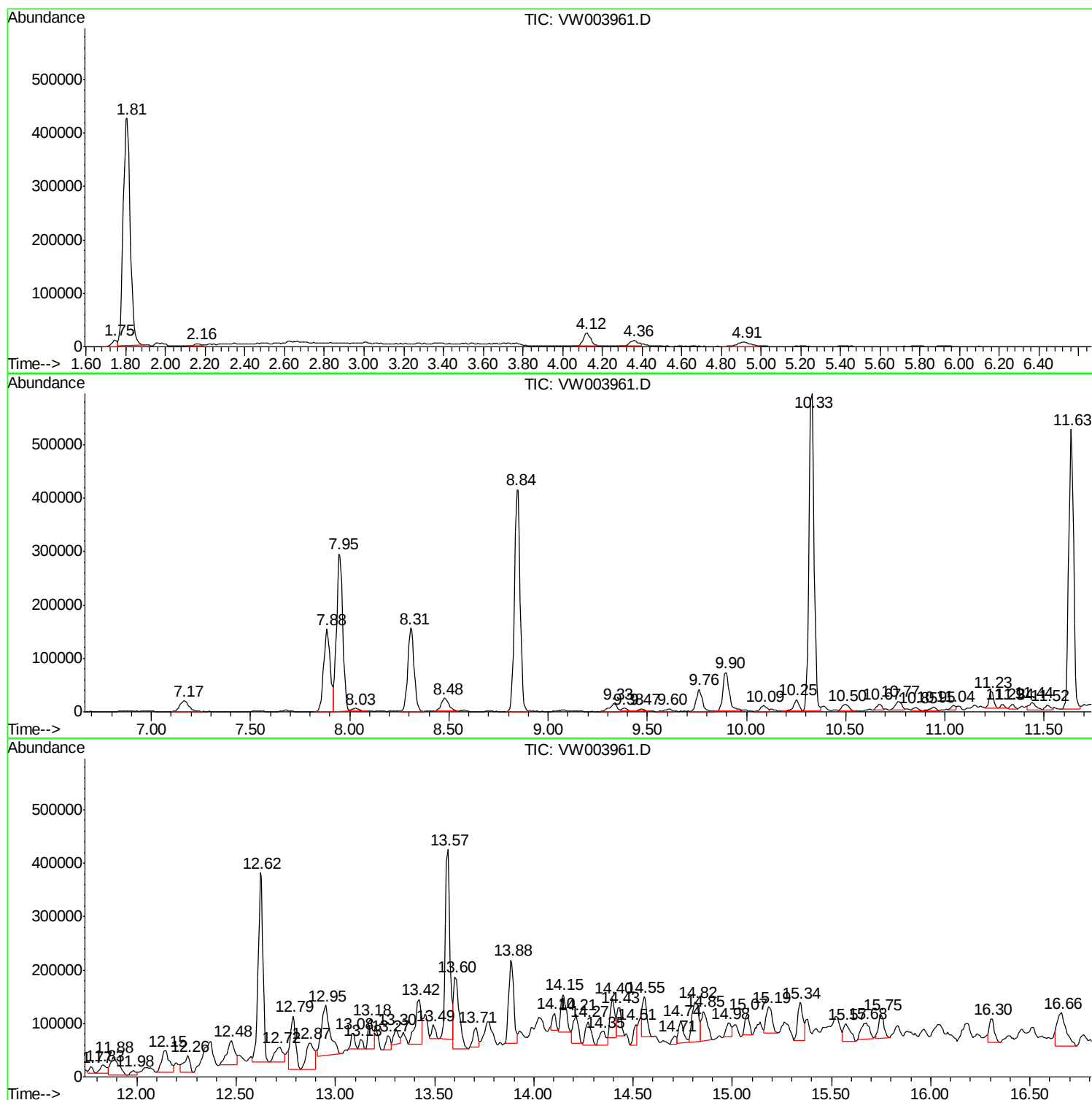
Sum of corrected areas: 11543481

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 1 2-Octene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.79	15.51 ug/l	181278	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
2	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	53
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
4	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	50
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46

 Peak Number 2 unknown12.87 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.87	12.16 ug/l	142149	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	41
2	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	41
3	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	38
4	Furan, 2-ethyl-	96	C6H8O	003208-16-0	38
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	38

 Peak Number 3 Tetracontane, 3,5,24-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.42	15.99 ug/l	186864	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	64
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
4	2-methyloctacosane	408	C29H60	1000376-72-8	50
5	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	47

 Peak Number 4 Naphthalene, decahydro-, cis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
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13.88	23.00 ug/l	268838	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 94
2		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 93
3		Cyclodecene	138 C10H18	003618-12-0 81
4		(Z)-Dec-4-enyl ethyl carbonate	228 C13H24O3	1000373-79-1 72
5		4-Isopropenylcyclohexanone	138 C9H14O	022460-53-3 72

 Peak Number 5 Bicyclo[2.2.1]hept-2-ene, 2... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	10.98 ug/l	128328	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108 C8H12	000694-92-8 72
2		3-Oxabicyclo[3.3.0]octan-2-one, ...	138 C8H10O2	1000152-82-0 72
3		Bicyclo[2.2.2]oct-2-ene	108 C8H12	000931-64-6 72
4		Bicyclo[2.2.2]oct-5-ene-2,3-dica...	158 C10H10N2	062249-52-9 72
5		Cyclohexene, 4-chloro-	116 C6H9Cl	000930-65-4 56

 Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	10.11 ug/l	118151	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 97
2		Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1 58
3		Pulegone	152 C10H16O	000089-82-7 53
4		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 52
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-04-9 52

 Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	15.68 ug/l	183288	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	16.17 ug/l	189017	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
4			Benzocycloheptatriene	142	C11H10	000264-09-5	74
5			Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	59

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Octene, 2,6-dim...	12.79	15.5	ug/l	181278	4	13.57	584322	50.0
unknown12.87	12.87	12.2	ug/l	142149	4	13.57	584322	50.0
Tetracontane, 3,5...	13.42	16.0	ug/l	186864	4	13.57	584322	50.0
Naphthalene, deca...	13.88	23.0	ug/l	268838	4	13.57	584322	50.0
Bicyclo[2.2.1]hep...	14.15	11.0	ug/l	128328	4	13.57	584322	50.0
Naphthalene, deca...	14.40	10.1	ug/l	118151	4	13.57	584322	50.0
1H-Indene, 2,3-di...	14.82	15.7	ug/l	183288	4	13.57	584322	50.0
Naphthalene, 1-me...	16.66	16.2	ug/l	189017	4	13.57	584322	50.0