

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012472.D
 Acq On : 02 Sep 2019 02:50
 Operator : SY/VA
 Sample : K4527-16
 Misc : 3.78G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-O-(1.9)

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\82W082319S.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	1.946	4	7	20	rVB2	39116	81935	12.17%	1.433%
2	2.148	35	40	51	rBV2	14941	39117	5.81%	0.684%
3	2.318	64	68	70	rBV3	8799	14376	2.14%	0.251%
4	2.349	70	73	83	rVB	15623	26721	3.97%	0.467%
5	2.690	113	129	135	rVV3	18400	70127	10.42%	1.226%
6	3.288	220	227	233	rVB4	2970	7256	1.08%	0.127%
7	3.385	235	243	248	rBV9	2770	7276	1.08%	0.127%
8	4.123	356	364	370	rBV2	2726	8056	1.20%	0.141%
9	4.903	480	492	507	rBV2	12331	45134	6.71%	0.789%
10	5.921	653	659	672	rVB8	2660	8957	1.33%	0.157%
11	6.287	709	719	726	rVB5	3042	9683	1.44%	0.169%
12	7.628	931	939	947	rBV6	6631	17532	2.60%	0.307%
13	7.878	970	980	985	rBV	112643	264806	39.34%	4.631%
14	7.945	985	991	1003	rVB	192060	430224	63.92%	7.524%
15	8.299	1039	1049	1061	rBV	131824	297791	44.25%	5.208%
16	8.841	1128	1138	1147	rBV	303135	607936	90.33%	10.633%
17	8.927	1147	1152	1159	rVB6	3184	7939	1.18%	0.139%
18	9.305	1209	1214	1223	rBV7	2714	7416	1.10%	0.130%
19	10.323	1373	1381	1389	rBV	383269	673038	100.00%	11.771%
20	10.390	1389	1392	1396	rVB2	5385	8555	1.27%	0.150%
21	10.707	1439	1444	1450	rBV	7311	14674	2.18%	0.257%
22	11.634	1588	1596	1605	rBV	250001	439980	65.37%	7.695%
23	12.018	1649	1659	1663	rBV	4582	16429	2.44%	0.287%
24	12.621	1746	1758	1767	rBV3	182239	501664	74.54%	8.774%
25	12.969	1811	1815	1821	rVB6	7333	13027	1.94%	0.228%
26	13.194	1843	1852	1860	rBV	62654	121123	18.00%	2.118%
27	13.304	1865	1870	1876	rVB	14335	25313	3.76%	0.443%
28	13.408	1879	1887	1892	rBV	140007	243882	36.24%	4.265%
29	13.475	1894	1898	1901	rVV3	16769	26493	3.94%	0.463%
30	13.524	1901	1906	1907	rVV2	29755	42389	6.30%	0.741%
31	13.560	1907	1912	1915	rVV	138594	261224	38.81%	4.569%
32	13.603	1915	1919	1930	rVV	234809	500861	74.42%	8.760%
33	13.700	1930	1935	1937	rVV2	20308	35670	5.30%	0.624%
34	13.767	1938	1946	1960	rVB3	105727	300105	44.59%	5.249%

LSC Area Percent Report

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Start Thrs: 0.2 Max Peaks: 100
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35	13.950	1966	1976	1981	rVB9	25206	85714	12.74%	1.499%
36	14.072	1991	1996	2004	rVB4	39558	80546	11.97%	1.409%
37	14.505	2061	2067	2076	rBV4	45854	120953	17.97%	2.115%
38	14.725	2099	2103	2110	rVB	22818	36449	5.42%	0.637%
39	15.438	2212	2220	2225	rBV10	23598	72476	10.77%	1.268%
40	16.023	2312	2316	2322	rVB4	25249	47724	7.09%	0.835%
41	16.633	2410	2416	2423	rVB7	43270	97099	14.43%	1.698%

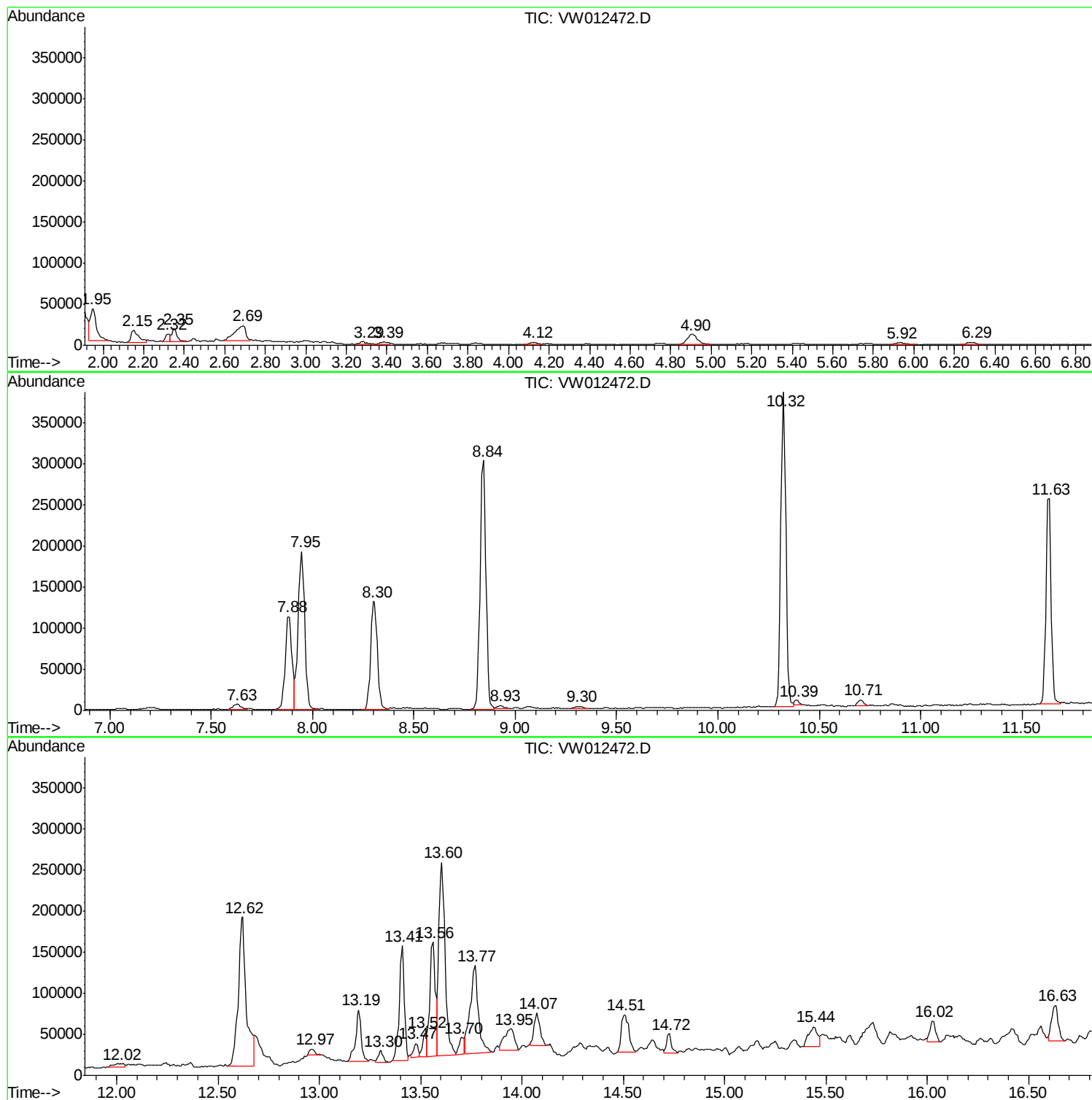
Sum of corrected areas: 5717670

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



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 Peak Number 1 Propene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	9.52 ug/l	81935	Pentafluorobenzene	7.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Propene	42 C3H6	000115-07-1 90
2		Cyclopropane	42 C3H6	000075-19-4 78
3		Furan, 2,5-dihydro-	70 C4H6O	001708-29-8 74
4		Cyclopropanecarboxaldehyde	70 C4H6O	001489-69-6 64
5		2-Butenal, (E)-	70 C4H6O	000123-73-9 64

 Peak Number 2 Decane, 2,2,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	23.18 ug/l	121123	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decane, 2,2,5-trimethyl-	184 C13H28	062237-96-1 72
2		Heptane, 2,2,4,6,6-pentamethyl-	170 C12H26	013475-82-6 72
3		Heptane, 2,2-dimethyl-	128 C9H20	001071-26-7 64
4		Decane, 2,2,4-trimethyl-	184 C13H28	062237-98-3 64
5		Decane, 2,2,6-trimethyl-	184 C13H28	062237-97-2 64

 Peak Number 3 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	46.68 ug/l	243882	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 64
2		Sulfurous acid, butyl nonyl ester	264 C13H28O3S	1000309-17-6 59
3		Decane, 3,7-dimethyl-	170 C12H26	017312-54-8 53
4		Undecane, 4,6-dimethyl-	184 C13H28	017312-82-2 50
5		1-Undecene, 4-methyl-	168 C12H24	074630-39-0 50

 Peak Number 4 2,4,4-Trimethyl-1-hexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
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13.77	57.44 ug/l	300105	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0 50
2	Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6 47
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2 47
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8 47
5	Octane, 3-ethyl-	142	C10H22	005881-17-4 43

 Peak Number 5 unknown13.95 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	16.41 ug/l	85714	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Borabicyclo[3.3.1]nonane, 9-(2...	208	C13H25B0	094537-53-8 43
2	2,5,5,6,8a-Pentamethyl-trans-4a,...	208	C14H24O	1000215-77-8 38
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3 38
4	10-Methylnonadecane	282	C20H42	056862-62-5 35
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3 35

 Peak Number 6 Decane, 2,5,9-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	23.15 ug/l	120953	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9 64
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4 64
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1 64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4 64
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4 64

 Peak Number 7 unknown15.44 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	13.87 ug/l	72476	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1 Methanone, bicyclo[2.2.0]hex-2-y... 204 C12H16N20 1000196-74-5 45
2 4(1H)-Pteridinone, 2-amino- 163 C6H5N5O 002236-60-4 35
3 2-Propenal, 3-(2,6,6-trimethyl-1... 178 C12H18O 004951-40-0 30
4 c-(3,5-Dimethyladamantan-1-yl)me... 193 C13H23N 1000302-67-7 27
5 1,3,4-Trimethyladamantane 178 C13H22 1000214-98-3 27
  
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 Peak Number 8 unknown16.02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	9.13 ug/l	47724	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	47
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
3			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	43

 Peak Number 9 unknown16.63 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	18.59 ug/l	97099	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	43
2			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	38
3			Cyclohexene,3-(1-methylpropyl)-	138	C10H18	015232-91-4	35
4			2(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-68-9	30
5			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	27

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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propene	1.95	9.5	ug/l	81935	1	7.95	430224	50.0
Decane, 2,2,5-tri...	13.19	23.2	ug/l	121123	4	13.56	261224	50.0
Tetracosane	13.41	46.7	ug/l	243882	4	13.56	261224	50.0
2,4,4-Trimethyl-1...	13.77	57.4	ug/l	300105	4	13.56	261224	50.0
unknown13.95	13.95	16.4	ug/l	85714	4	13.56	261224	50.0
Decane, 2,5,9-tri...	14.51	23.1	ug/l	120953	4	13.56	261224	50.0
unknown15.44	15.44	13.9	ug/l	72476	4	13.56	261224	50.0
unknown16.02	16.02	9.1	ug/l	47724	4	13.56	261224	50.0
unknown16.63	16.63	18.6	ug/l	97099	4	13.56	261224	50.0