

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014565.D
 Acq On : 08 Jan 2020 17:41
 Operator : SY/VA
 Sample : L1056-06
 Misc : 8.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB449_200107_36-38

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\82W010320S.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	1.953	4	8	22	rVB5	14906	37491	1.69%	0.115%
2	2.440	83	88	95	rBV2	19949	41241	1.86%	0.126%
3	4.123	355	364	374	rBV2	11701	34977	1.58%	0.107%
4	4.916	482	494	509	rBV2	38316	137625	6.20%	0.422%
5	7.153	847	861	875	rBV5	16584	73140	3.30%	0.224%
6	7.885	968	981	985	rBV	303332	729362	32.88%	2.237%
7	7.945	985	991	1003	rVB	706609	1566870	70.64%	4.806%
8	8.299	1039	1049	1061	rBV	274591	629010	28.36%	1.929%
9	8.836	1127	1137	1150	rBV	991217	2013132	90.76%	6.174%
10	10.323	1373	1381	1389	rBV	1223297	2218038	100.00%	6.803%
11	10.616	1425	1429	1437	rVB2	41074	79494	3.58%	0.244%
12	10.701	1438	1443	1449	rVB	60961	109273	4.93%	0.335%
13	10.768	1450	1454	1458	rBV2	24075	43453	1.96%	0.133%
14	10.841	1463	1466	1471	rVB	27830	39557	1.78%	0.121%
15	10.933	1472	1481	1489	rBV	330036	559542	25.23%	1.716%
16	11.036	1493	1498	1506	rBV2	105132	257158	11.59%	0.789%
17	11.110	1507	1510	1514	rVB	28111	33825	1.52%	0.104%
18	11.225	1523	1529	1534	rBV2	73092	136506	6.15%	0.419%
19	11.286	1534	1539	1541	rVV2	43233	73322	3.31%	0.225%
20	11.329	1542	1546	1551	rVV3	123748	251947	11.36%	0.773%
21	11.420	1555	1561	1568	rVV5	201492	717859	32.36%	2.202%
22	11.512	1572	1576	1588	rVV3	200476	621493	28.02%	1.906%
23	11.628	1588	1595	1610	rVB	1033451	1952678	88.04%	5.989%
24	11.835	1621	1629	1634	rBV2	401425	847309	38.20%	2.599%
25	11.975	1646	1652	1657	rBV3	130953	310095	13.98%	0.951%
26	12.061	1662	1666	1670	rVB3	135742	217596	9.81%	0.667%
27	12.128	1671	1677	1684	rBV3	238428	528714	23.84%	1.622%
28	12.189	1684	1687	1689	rBV2	43710	47150	2.13%	0.145%
29	12.250	1690	1697	1703	rVB	650879	1106099	49.87%	3.392%
30	12.329	1703	1710	1712	rBV3	290117	531549	23.96%	1.630%
31	12.359	1712	1715	1721	rVB	384056	604588	27.26%	1.854%
32	12.445	1723	1729	1733	rBV4	185882	454924	20.51%	1.395%
33	12.512	1735	1740	1742	rBV4	136947	259731	11.71%	0.797%
34	12.536	1742	1744	1747	rVV	127309	143848	6.49%	0.441%

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35	12.567	1747	1749	1752	rVB	249503	255839	11.53%	0.785%
36	12.615	1752	1757	1761	rBV2	784201	1302872	58.74%	3.996%
37	12.701	1768	1771	1775	rBV3	62058	99055	4.47%	0.304%
38	12.774	1780	1783	1790	rVB2	289484	520951	23.49%	1.598%
39	12.853	1790	1796	1803	rBV5	204422	603309	27.20%	1.850%
40	12.926	1803	1808	1816	rBV4	555380	1243701	56.07%	3.814%
41	13.079	1828	1833	1837	rVB3	242180	385168	17.37%	1.181%
42	13.164	1843	1847	1852	rBV	433968	651595	29.38%	1.998%
43	13.262	1860	1863	1865	rBV3	90843	136577	6.16%	0.419%
44	13.292	1865	1868	1871	rVB3	112636	156735	7.07%	0.481%
45	13.444	1886	1893	1896	rBV5	215916	481112	21.69%	1.476%
46	13.481	1896	1899	1902	rVV2	221787	306056	13.80%	0.939%
47	13.524	1902	1906	1907	rVV2	188839	269133	12.13%	0.825%
48	13.554	1907	1911	1919	rVB	716292	1301984	58.70%	3.993%
49	13.621	1919	1922	1925	rBV2	122983	174303	7.86%	0.535%
50	13.694	1931	1934	1938	rVB	134470	196714	8.87%	0.603%
51	13.737	1938	1941	1948	rVB5	64842	85669	3.86%	0.263%
52	13.871	1958	1963	1967	rBV2	359315	625696	28.21%	1.919%
53	13.914	1968	1970	1975	rVB5	151105	217122	9.79%	0.666%
54	13.975	1977	1980	1985	rVV5	109132	183687	8.28%	0.563%
55	14.066	1992	1995	2004	rVB5	195779	401725	18.11%	1.232%
56	14.255	2021	2026	2034	rVB	586301	1076845	48.55%	3.303%
57	14.414	2042	2052	2059	rVB2	735386	2022657	91.19%	6.204%
58	14.524	2065	2070	2078	rVB2	382376	850494	38.34%	2.608%
59	14.725	2099	2103	2107	rBV	89229	128386	5.79%	0.394%
60	15.005	2144	2149	2154	rVB	321249	573516	25.86%	1.759%
61	15.072	2156	2160	2164	rVB	107228	166093	7.49%	0.509%
62	15.127	2165	2169	2179	rBV4	94935	225537	10.17%	0.692%
63	15.408	2210	2215	2224	rBV4	135395	324363	14.62%	0.995%
64	15.493	2225	2229	2237	rVB3	109625	229592	10.35%	0.704%

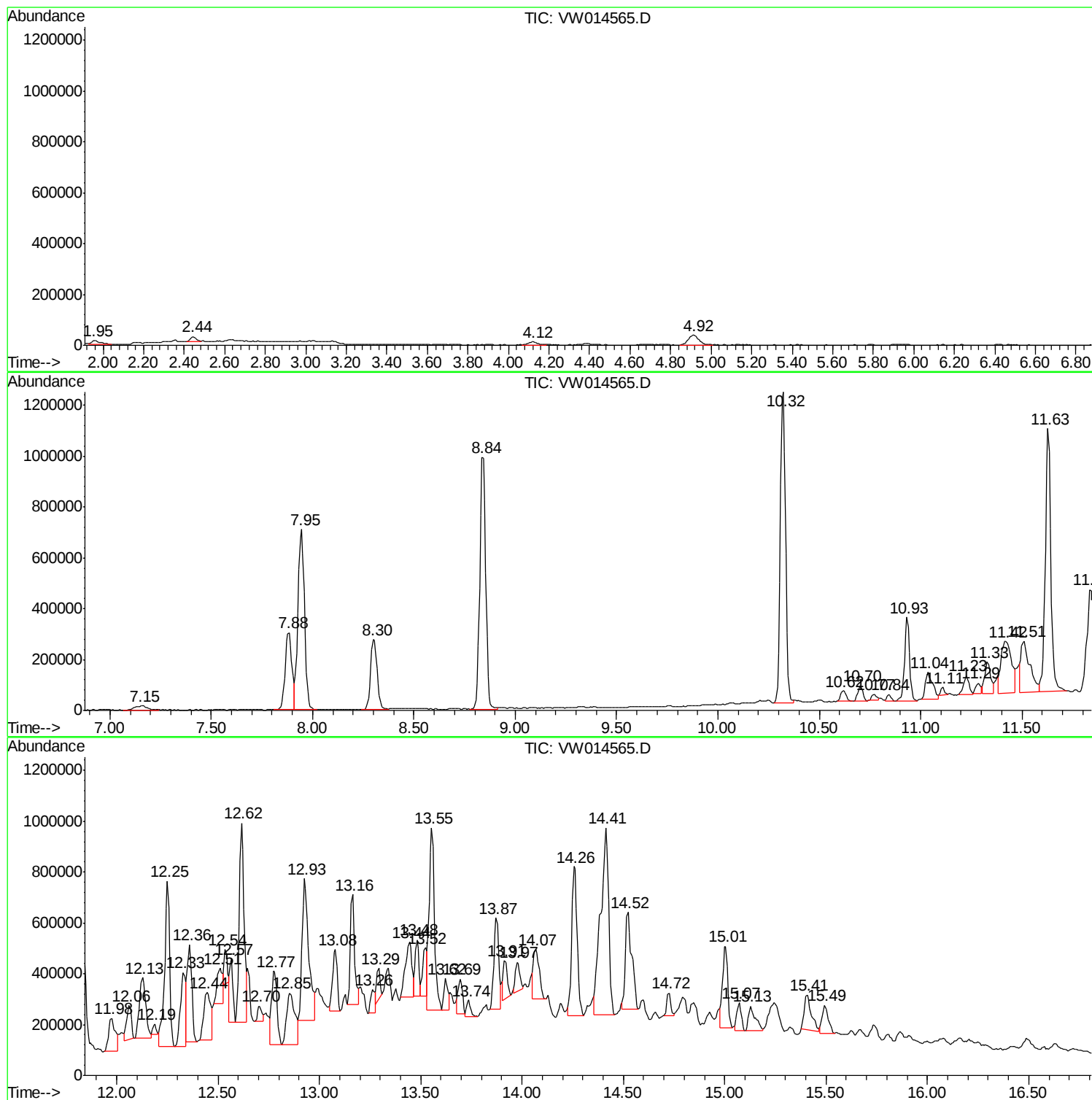
Sum of corrected areas: 32605082

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 Peak Number 1 Nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	21.70 ug/l	847309	Chlorobenzene-d5	11.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane		128 C9H20	000111-84-2 64
2	Octane, 4-methyl-		128 C9H20	002216-34-4 50
3	Hexane, 3-ethyl-		114 C8H18	000619-99-8 47
4	Octane		114 C8H18	000111-65-9 47
5	Decane		142 C10H22	000124-18-5 46

 Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	28.32 ug/l	1106100	Chlorobenzene-d5	11.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 3,6-dimethyl-		142 C10H22	015869-94-0 91
2	Octane, 2,6-dimethyl-		142 C10H22	002051-30-1 91
3	Nonane, 3-methyl-		142 C10H22	005911-04-6 72
4	Undecane, 6,6-dimethyl-		184 C13H28	017312-76-4 64
5	Sulfurous acid, 2-ethylhexyl und...		348 C19H40O3S	1000309-19-4 59

 Peak Number 3 unknown12.85 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	23.17 ug/l	603309	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cyclohexane, 1-methyl-4-(1-methy...		168 C12H24	054411-00-6 47
2	m-Menthane, (1S,3S)-(+)-		140 C10H20	013837-67-7 43
3	Cyclohexane, 1-methyl-4-(1-methy...		140 C10H20	001678-82-6 43
4	Cyclohexane, 1-methyl-4-(1-methy...		140 C10H20	006069-98-3 35
5	Cyclopentane, 1,1,3-trimethyl-		112 C8H16	004516-69-2 30

 Peak Number 4 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
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12.93	47.76 ug/l	1243700	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decane	142 C10H22	000124-18-5 95
2		Undecane	156 C11H24	001120-21-4 50
3		Tridecane	184 C13H28	000629-50-5 47
4		Dodecane	170 C12H26	000112-40-3 46
5		Decane, 3,6-dimethyl-	170 C12H26	017312-53-7 43

 Peak Number 5 Decane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	25.02 ug/l	651595	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decane, 4-methyl-	156 C11H24	002847-72-5 78
2		n-Amyl ether	158 C10H22O	000693-65-2 59
3		1-Hexene, 3,4,5-trimethyl-	126 C9H18	056728-10-0 59
4		Sulfurous acid, decyl 2-pentyl e...	292 C15H32O3S	1000309-15-9 50
5		Undecane, 4,5-dimethyl-	184 C13H28	017312-79-7 47

 Peak Number 6 unknown13.87 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	24.03 ug/l	625696	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 2-isopropyl-1,3-di...	140 C10H20	032281-85-9 49
2		E-11,13-Tetradecadien-1-ol	210 C14H26O	1000131-00-3 45
3		Cyclopentane, hexyl-	154 C11H22	004457-00-5 41
4		3-Octen-2-one, 7-methyl-	140 C9H16O	033046-81-0 41
5		Cyclohexane, (1,2-dimethylbutyl)-	168 C12H24	061142-37-8 38

 Peak Number 7 Adamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	41.35 ug/l	1076850	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	Adamantane	136	C10H16	000281-23-2	96
2	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	62
3	Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	49
4	1,3-Cyclohexadiene, 5-butyl-	136	C10H16	030168-57-1	47
5	Tricyclo[4.3.0.0(3,8)]nonan-7-one	136	C9H12O	103001-16-7	47

 Peak Number 8 1-Adamantyl bromomethyl ketone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	77.68 ug/l	2022660	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	72	
2	N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	72	
3	Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	64	
4	4-(1-Adamantanecarboxamido)-2-et...	476	C30H40N2O3	143413-39-2	64	
5	1-Adamantanecarboxylic acid, 2-m...	270	C18H22O2	1000293-75-3	64	

 Peak Number 9 Adamantane, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	32.66 ug/l	850494	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	74	
2	Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	50	
3	2-(Octyloxycarbonyl)benzoic acid	278	C16H22O4	1000373-53-3	47	
4	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	47	
5	Phthalic acid, cyclohexyl 2-pent...	318	C19H26O4	1000315-55-3	43	

 Peak Number 10 2-Methyladamantane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	22.02 ug/l	573516	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyladamantane	150	C11H18	000700-56-1	91	
2	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	80	
3	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	59	

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4 Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	50
5 Ethyladamantane-1-carboxylate	208	C13H20O2	002094-73-7	49

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	11.84	21.7	ug/l	847309	3	11.63	1952680	50.0
Octane, 3,6-dimet...	12.25	28.3	ug/l	1106100	3	11.63	1952680	50.0
unknown12.85	12.85	23.2	ug/l	603309	4	13.55	1301980	50.0
Decane	12.93	47.8	ug/l	1243700	4	13.55	1301980	50.0
Decane, 4-methyl-	13.16	25.0	ug/l	651595	4	13.55	1301980	50.0
unknown13.87	13.87	24.0	ug/l	625696	4	13.55	1301980	50.0
Adamantane	14.26	41.4	ug/l	1076850	4	13.55	1301980	50.0
1-Adamantyl bromo...	14.41	77.7	ug/l	2022660	4	13.55	1301980	50.0
Adamantane, 1,3-d...	14.52	32.7	ug/l	850494	4	13.55	1301980	50.0
2-Methyladamantane	15.01	22.0	ug/l	573516	4	13.55	1301980	50.0