

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015264.D
 Acq On : 21 Apr 2020 15:57
 Operator : SY/VA
 Sample : L2323-08
 Misc : 7.02G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-19

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\82W042020S.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	2.794	139	146	161	rVB	159271	308112	15.61%	2.137%
2	4.129	356	365	377	rVB	7906	22385	1.13%	0.155%
3	4.922	483	495	504	rBV2	11682	39068	1.98%	0.271%
4	7.884	971	981	986	rBV	132517	312268	15.82%	2.166%
5	7.945	986	991	1001	rVB	257149	571139	28.94%	3.961%
6	8.305	1041	1050	1062	rVB	111988	246043	12.47%	1.706%
7	8.842	1130	1138	1150	rBV	346630	697605	35.35%	4.838%
8	9.335	1202	1219	1225	rBV2	26364	63003	3.19%	0.437%
9	10.091	1334	1343	1347	rBV3	11156	26302	1.33%	0.182%
10	10.323	1373	1381	1396	rBV	556317	1001317	50.74%	6.945%
11	10.500	1403	1410	1419	rVB3	24410	52824	2.68%	0.366%
12	10.664	1432	1437	1447	rVB2	21439	40333	2.04%	0.280%
13	10.762	1447	1453	1458	rBV2	12689	25072	1.27%	0.174%
14	11.177	1517	1521	1525	rVB	19844	28670	1.45%	0.199%
15	11.231	1525	1530	1535	rVB	39288	63099	3.20%	0.438%
16	11.335	1542	1547	1551	rBV4	17455	35558	1.80%	0.247%
17	11.512	1571	1576	1580	rVB	12281	19776	1.00%	0.137%
18	11.628	1588	1595	1605	rBV	448356	773347	39.19%	5.364%
19	11.725	1606	1611	1614	rVV3	12997	25487	1.29%	0.177%
20	11.762	1614	1617	1621	rVV3	11932	20841	1.06%	0.145%
21	11.841	1621	1630	1633	rVV6	24788	64217	3.25%	0.445%
22	11.872	1633	1635	1647	rVB4	19589	52209	2.65%	0.362%
23	12.164	1671	1683	1690	rBV2	38912	106361	5.39%	0.738%
24	12.341	1701	1712	1714	rBV6	16971	48621	2.46%	0.337%
25	12.420	1719	1725	1734	rVB3	15758	60251	3.05%	0.418%
26	12.615	1751	1757	1766	rVB	360843	597776	30.29%	4.146%
27	12.786	1775	1785	1786	rBV5	19321	36201	1.83%	0.251%
28	12.884	1786	1801	1807	rBV5	130678	664787	33.69%	4.611%
29	13.103	1830	1837	1842	rBV	23338	42148	2.14%	0.292%
30	13.316	1857	1872	1884	rBV3	249792	1236571	62.66%	8.576%
31	13.444	1885	1893	1906	rVV	153305	600951	30.45%	4.168%
32	13.554	1906	1911	1921	rVV2	412646	740470	37.52%	5.136%
33	13.646	1921	1926	1933	rVB4	23652	44165	2.24%	0.306%
34	13.755	1939	1944	1947	rBV2	32438	50677	2.57%	0.351%

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35	13.786	1947	1949	1953	rVB2	16873	20988	1.06%	0.146%
36	13.877	1953	1964	1969	rBV4	50835	183310	9.29%	1.271%
37	13.950	1970	1976	1988	rVB4	97780	307367	15.58%	2.132%
38	14.091	1997	1999	2006	rVB	27743	41538	2.10%	0.288%
39	14.207	2012	2018	2022	rBV2	20776	34994	1.77%	0.243%
40	14.298	2022	2033	2044	rVV3	68873	256215	12.98%	1.777%
41	14.420	2044	2053	2055	rVV2	30669	57986	2.94%	0.402%
42	14.456	2055	2059	2063	rVV	56400	87534	4.44%	0.607%
43	14.524	2063	2070	2085	rVB4	91658	258490	13.10%	1.793%
44	14.688	2092	2097	2101	rBV2	22212	36673	1.86%	0.254%
45	14.731	2101	2104	2107	rVV2	11406	19856	1.01%	0.138%
46	14.798	2109	2115	2122	rVB3	77544	183280	9.29%	1.271%
47	14.871	2122	2127	2130	rBV4	10191	21739	1.10%	0.151%
48	14.950	2130	2140	2152	rVB2	207858	603135	30.56%	4.183%
49	15.066	2153	2159	2170	rBV7	38099	137215	6.95%	0.952%
50	15.170	2172	2176	2183	rVB5	31737	73724	3.74%	0.511%
51	15.249	2183	2189	2192	rBV3	17901	37046	1.88%	0.257%
52	15.365	2197	2208	2215	rVV	220954	429546	21.77%	2.979%
53	15.487	2221	2228	2240	rVB7	38123	152566	7.73%	1.058%
54	15.645	2242	2254	2266	rBV3	50550	197877	10.03%	1.372%
55	15.834	2278	2285	2293	rBV3	15873	53688	2.72%	0.372%
56	15.956	2298	2305	2315	rVV6	24143	76144	3.86%	0.528%
57	16.127	2325	2333	2338	rBV4	8964	25980	1.32%	0.180%
58	16.377	2364	2374	2378	rBV	36644	91795	4.65%	0.637%
59	16.438	2378	2384	2399	rVB	141088	338680	17.16%	2.349%
60	16.645	2409	2418	2430	rVB	873940	1973428	100.00%	13.687%

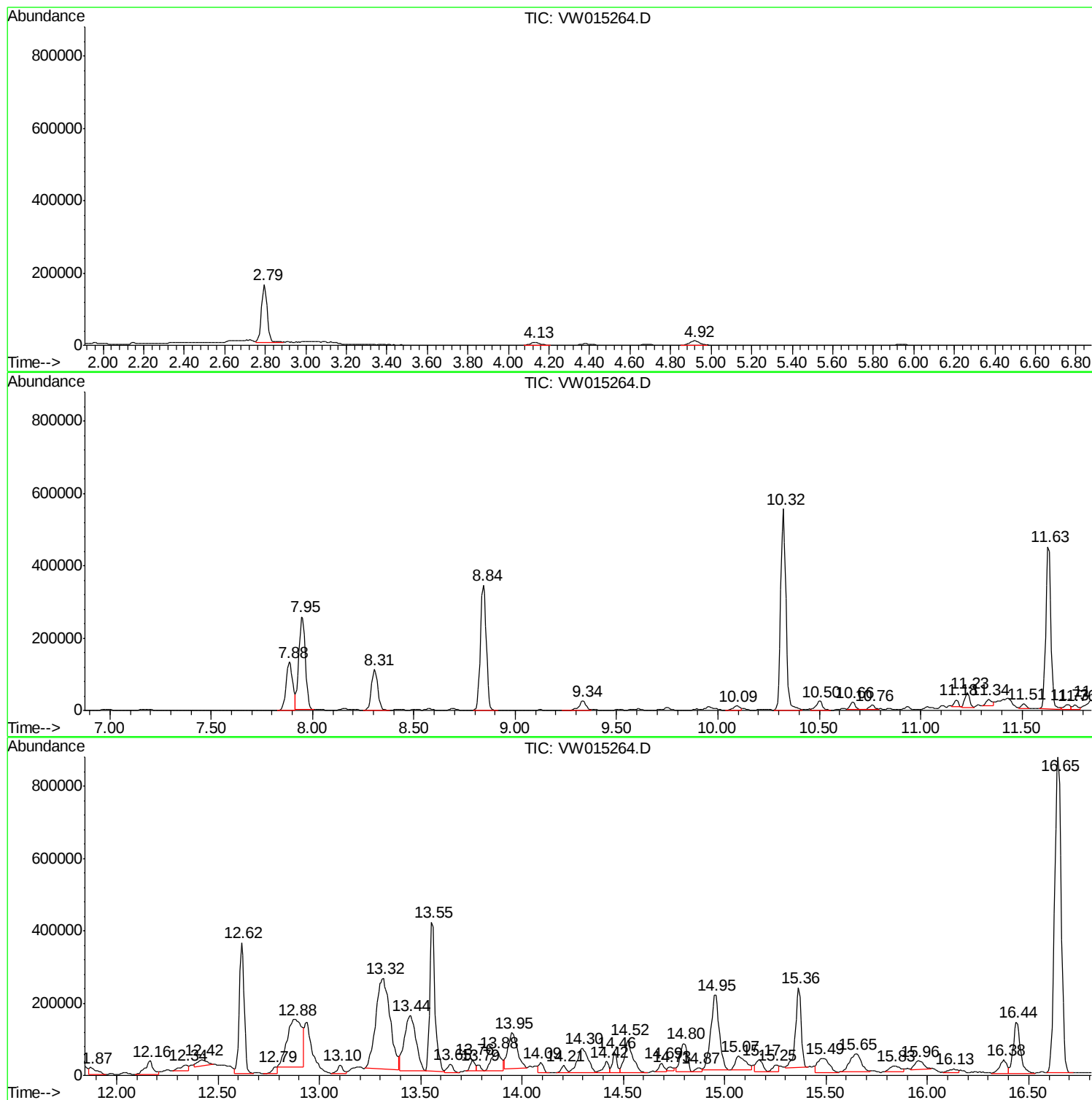
Sum of corrected areas: 14418448

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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	44.89 ug/l	664787	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	83.50 ug/l	1236570	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	40.58 ug/l	600951	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
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13.95	20.75 ug/l	307367	1,4-Dichlorobenzene-d4	13.56		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95

 Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.30	17.30 ug/l	256215	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93

 Peak Number 6 unknown14.52 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.52	17.45 ug/l	258490	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	41
2	Pyridine, 3-trimethylsiloxy-	167	C8H13NOSi	041571-88-4	35
3	Acenaphthylene	152	C12H8	000208-96-8	27
4	Cyclohexylamine, N-methyl-4,4-di...	141	C9H19N	045815-91-6	25
5	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	25

 Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.44	22.87 ug/l	338680	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1 Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2 Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3 Benzocycloheptatriene	142	C11H10	000264-09-5	91
4 1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5 1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,7-...	12.88	44.9	ug/l	664787	4	13.56	740470	50.0
Naphthalene, 2,3-...	13.32	83.5	ug/l	1236570	4	13.56	740470	50.0
Naphthalene, 2,6-...	13.44	40.6	ug/l	600951	4	13.56	740470	50.0
Naphthalene, 1,4-...	13.95	20.8	ug/l	307367	4	13.56	740470	50.0
Naphthalene, 1,3-...	14.30	17.3	ug/l	256215	4	13.56	740470	50.0
unknown14.52	14.52	17.4	ug/l	258490	4	13.56	740470	50.0
Naphthalene, 1-me...	16.44	22.9	ug/l	338680	4	13.56	740470	50.0