

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058158.D
 Acq On : 15 Jun 2018 18:03
 Operator : VA/AP
 Sample : J3523-07
 Misc : 4.96g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AREA2(D)

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_D\METHOD\82D060618S.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	1.227	98	102	106	rBV	512040	1275364	48.16%	4.335%
2	1.542	131	134	139	rBV3	25552	53674	2.03%	0.182%
3	1.946	172	175	185	rVB	21310	53609	2.02%	0.182%
4	2.163	194	197	203	rVB4	14676	36335	1.37%	0.124%
5	2.330	211	214	221	rVB3	22865	56608	2.14%	0.192%
6	2.606	236	242	248	rBV	35344	108754	4.11%	0.370%
7	2.753	253	257	268	rVB2	34064	100485	3.79%	0.342%
8	3.068	285	289	301	rVB3	52298	160425	6.06%	0.545%
9	3.738	352	357	364	rVB	35070	95187	3.59%	0.324%
10	4.624	443	447	456	rVB2	12799	35895	1.36%	0.122%
11	4.840	461	469	473	rBV2	26292	80855	3.05%	0.275%
12	5.549	534	541	546	rBV	501656	1372812	51.84%	4.667%
13	5.638	546	550	565	rVV	634297	1766757	66.71%	6.006%
14	6.012	582	588	599	rBV	791127	2141956	80.88%	7.281%
15	6.307	615	618	626	rVB4	11358	36923	1.39%	0.126%
16	6.691	651	657	672	rVB	771438	1958639	73.96%	6.658%
17	7.282	708	717	725	rBV3	31431	111306	4.20%	0.378%
18	8.069	788	797	800	rBV6	9151	31989	1.21%	0.109%
19	8.709	853	862	868	rBV	1128581	2648349	100.00%	9.003%
20	8.798	868	871	878	rVB	129250	281894	10.64%	0.958%
21	9.211	905	913	917	rBV2	17710	48797	1.84%	0.166%
22	9.369	923	929	933	rBV4	11744	30926	1.17%	0.105%
23	9.477	933	940	948	rVV5	10020	38221	1.44%	0.130%
24	9.920	979	985	986	rBV3	11828	33042	1.25%	0.112%
25	10.028	991	996	1000	rVB3	17291	43523	1.64%	0.148%
26	10.117	1000	1005	1009	rBV4	22818	50450	1.90%	0.172%
27	10.422	1033	1036	1040	rVV2	19173	46284	1.75%	0.157%
28	10.639	1052	1058	1059	rBV3	14082	32177	1.21%	0.109%
29	10.688	1059	1063	1071	rVB	1176155	2015088	76.09%	6.850%
30	10.855	1077	1080	1086	rVB	82855	145686	5.50%	0.495%
31	11.003	1086	1095	1102	rBV2	122022	318217	12.02%	1.082%
32	11.101	1102	1105	1110	rVB3	34365	66058	2.49%	0.225%
33	11.357	1127	1131	1133	rBV2	36254	77788	2.94%	0.264%
34	11.406	1133	1136	1139	rVV	100161	167449	6.32%	0.569%

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35	11.456	1139	1141	1146	rVB2	20978	36558	1.38%	0.124%
36	11.594	1153	1155	1159	rVV3	40121	73883	2.79%	0.251%
37	11.672	1160	1163	1168	rVV3	46771	128206	4.84%	0.436%
38	11.761	1168	1172	1177	rVV2	441039	754204	28.48%	2.564%
39	11.869	1177	1183	1186	rVV4	18802	66673	2.52%	0.227%
40	11.928	1186	1189	1196	rVV	1279455	1900975	71.78%	6.462%
41	12.017	1196	1198	1203	rVV3	45628	104715	3.95%	0.356%
42	12.086	1203	1205	1209	rVV2	60052	110604	4.18%	0.376%
43	12.233	1213	1220	1221	rVV	93584	172371	6.51%	0.586%
44	12.263	1221	1223	1226	rVV	81996	136892	5.17%	0.465%
45	12.312	1226	1228	1230	rVV2	106121	178050	6.72%	0.605%
46	12.361	1230	1233	1236	rVV3	155444	268130	10.12%	0.911%
47	12.470	1240	1244	1246	rVV	70275	127374	4.81%	0.433%
48	12.499	1246	1247	1250	rVV4	26042	39978	1.51%	0.136%
49	12.558	1250	1253	1255	rVV2	24139	40167	1.52%	0.137%
50	12.627	1255	1260	1267	rVB	243420	457314	17.27%	1.555%
51	12.844	1278	1282	1284	rBV3	56625	114298	4.32%	0.389%
52	12.903	1284	1288	1291	rVV2	1143031	1705635	64.40%	5.798%
53	12.942	1291	1292	1295	rVB	136370	149669	5.65%	0.509%
54	13.100	1305	1308	1310	rBV	170862	249067	9.40%	0.847%
55	13.129	1310	1311	1313	rVB	61712	49714	1.88%	0.169%
56	13.178	1313	1316	1321	rBV	111532	211548	7.99%	0.719%
57	13.297	1326	1328	1331	rBV2	123629	171647	6.48%	0.583%
58	13.375	1334	1336	1337	rBV	50878	65232	2.46%	0.222%
59	13.395	1337	1338	1341	rVV2	40113	50903	1.92%	0.173%
60	13.454	1341	1344	1346	rVB	124885	146254	5.52%	0.497%
61	13.533	1349	1352	1357	rBV3	118502	207800	7.85%	0.706%
62	13.621	1358	1361	1362	rBV3	24476	34229	1.29%	0.116%
63	13.661	1362	1365	1369	rVB5	49964	87848	3.32%	0.299%
64	13.740	1369	1373	1375	rBV2	186430	321911	12.16%	1.094%
65	13.779	1375	1377	1379	rVV	117714	129696	4.90%	0.441%
66	13.828	1379	1382	1385	rVV2	59702	91402	3.45%	0.311%
67	13.868	1385	1386	1389	rVB2	28514	39571	1.49%	0.135%
68	13.927	1389	1392	1394	rBV3	41026	52270	1.97%	0.178%
69	13.966	1394	1396	1400	rBV4	67003	95816	3.62%	0.326%
70	14.035	1400	1403	1404	rBV2	34897	43949	1.66%	0.149%
71	14.064	1404	1406	1412	rVB4	357603	526110	19.87%	1.788%

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72	14.143	1412	1414	1417	rBV2	39777	91272	3.45%	0.310%
73	14.192	1417	1419	1424	rVB3	123947	186185	7.03%	0.633%
74	14.281	1424	1428	1431	rBV3	151901	341740	12.90%	1.162%
75	14.330	1431	1433	1435	rVV	89042	137046	5.17%	0.466%
76	14.399	1435	1440	1442	rVV3	79979	149367	5.64%	0.508%
77	14.439	1442	1444	1445	rVV2	28949	32056	1.21%	0.109%
78	14.468	1445	1447	1449	rVV3	41821	50733	1.92%	0.172%
79	14.517	1449	1452	1454	rVV	825276	1051288	39.70%	3.574%
80	14.567	1454	1457	1460	rVV3	108865	200109	7.56%	0.680%
81	14.626	1460	1463	1465	rVV3	109160	139255	5.26%	0.473%
82	14.655	1465	1466	1468	rVB2	34756	37184	1.40%	0.126%
83	14.734	1472	1474	1475	rBV	114866	119749	4.52%	0.407%
84	14.754	1475	1476	1478	rVV2	54380	60263	2.28%	0.205%
85	14.793	1478	1480	1485	rVB5	23816	47405	1.79%	0.161%
86	14.872	1485	1488	1489	rBV2	81213	121125	4.57%	0.412%
87	14.901	1489	1491	1493	rVB	114220	144019	5.44%	0.490%
88	14.960	1495	1497	1500	rBV3	62102	97875	3.70%	0.333%
89	15.010	1500	1502	1504	rBV	72049	92801	3.50%	0.315%
90	15.098	1509	1511	1513	rVV	124335	180739	6.82%	0.614%
91	15.147	1514	1516	1518	rVV3	48770	87575	3.31%	0.298%
92	15.177	1518	1519	1521	rVV2	39298	49229	1.86%	0.167%
93	15.236	1521	1525	1526	rVV2	114385	283356	10.70%	0.963%
94	15.256	1526	1527	1531	rVV2	241862	362654	13.69%	1.233%
95	15.344	1534	1536	1538	rVV2	53242	96154	3.63%	0.327%
96	15.384	1538	1540	1543	rVV	273563	371939	14.04%	1.264%
97	15.433	1543	1545	1549	rVV4	35050	89041	3.36%	0.303%
98	15.482	1549	1550	1554	rVV3	31396	62056	2.34%	0.211%
99	15.541	1554	1556	1561	rVV5	16906	42462	1.60%	0.144%
100	15.777	1578	1580	1585	rVB5	17683	29976	1.13%	0.102%

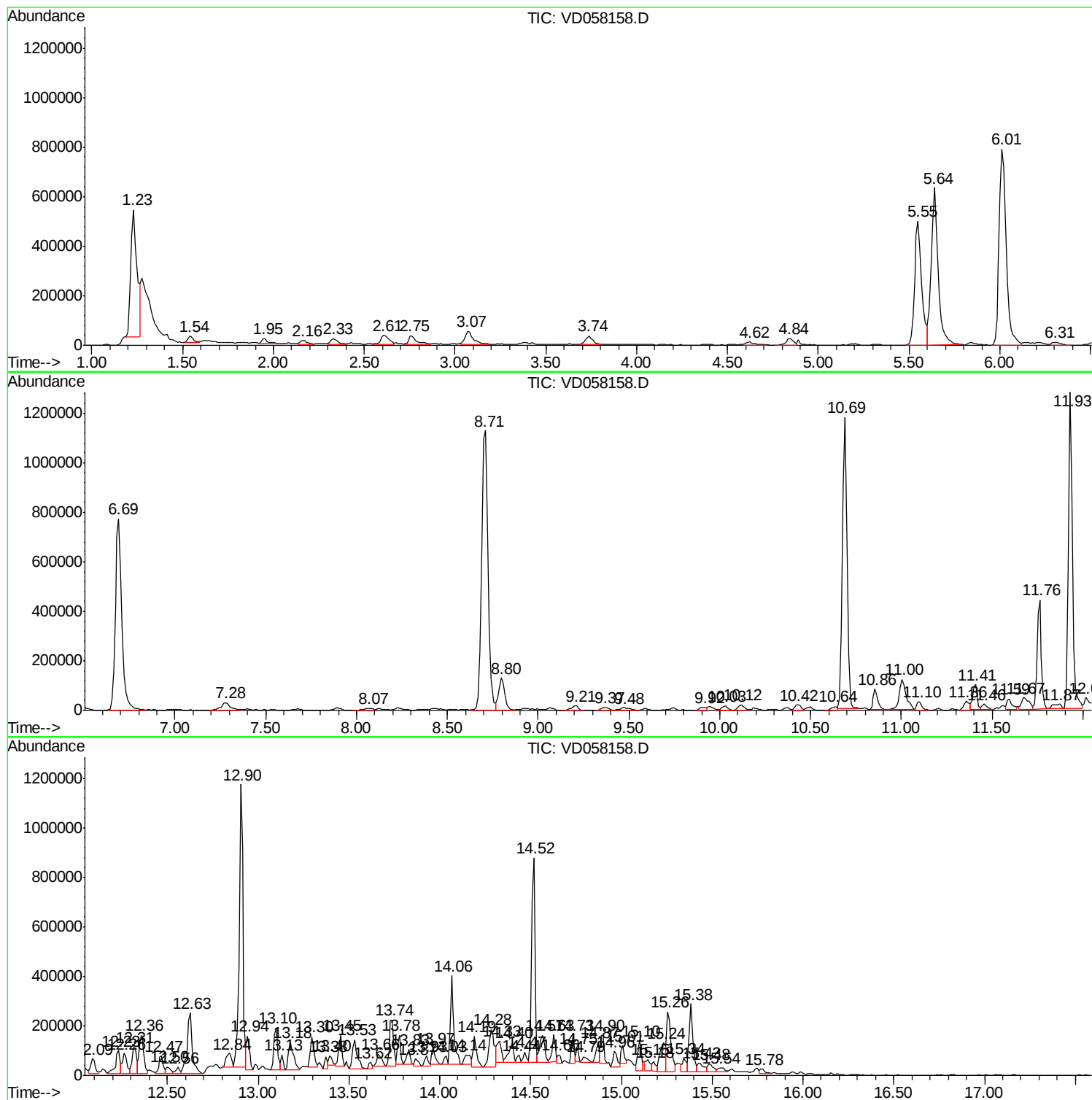
Sum of corrected areas: 29416838

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



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Peak Number 1 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	7.30 ug/l	249067	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 94
2	Benzene, 1,1'-(1-ethenyl-1,3-pro...		222 C17H18	061141-97-7 72
3	Benzene, cyclopropyl-		118 C9H10	000873-49-4 70
4	(Z)-1-Phenylpropene		118 C9H10	000766-90-5 70
5	Benzene, 2-propenyl-		118 C9H10	000300-57-2 70

Peak Number 2 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	6.20 ug/l	211548	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	o-Cymene		134 C10H14	000527-84-4 95
2	Benzene, 2-ethyl-1,4-dimethyl-		134 C10H14	001758-88-9 94
3	Benzene, 1-ethyl-3,5-dimethyl-		134 C10H14	000934-74-7 94
4	Benzene, 1-methyl-3-(1-methyleth...		134 C10H14	000535-77-3 91
5	Benzene, 1-ethyl-2,3-dimethyl-		134 C10H14	000933-98-2 91

Peak Number 3 Benzene, (2-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	6.09 ug/l	207800	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, (2-methyl-1-propenyl)-		132 C10H12	000768-49-0 81
2	Benzene, (1-methyl-1-propenyl)-, ...		132 C10H12	000768-00-3 81
3	Benzene, 1-methyl-2-(2-propenyl)-		132 C10H12	001587-04-8 81
4	Indan, 1-methyl-		132 C10H12	000767-58-8 76
5	Benzene, 1-ethenyl-4-ethyl-		132 C10H12	003454-07-7 74

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
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13.74	9.44 ug/l	321911	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 50
2		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 50
3		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 50
4		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 50
5		Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7 50

 Peak Number 5 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	15.42 ug/l	526110	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Phenyl-1-butene	132 C10H12	000824-90-8 55
2		(E)-1-Phenyl-1-butene	132 C10H12	001005-64-7 42
3		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 42
4		Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8 42
5		3-Phenylbut-1-ene	132 C10H12	000934-10-1 42

 Peak Number 6 (+)-2-Bornanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	10.02 ug/l	341740	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(+)-2-Bornanone	152 C10H16O	000464-49-3 93
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 92
3		Camphor	152 C10H16O	000076-22-2 64
4		Phosphonous dichloride, (1,7,7-t...	238 C10H17Cl2P	074630-16-3 38
5		1,4-Cyclohexanedimethanol	144 C8H16O2	000105-08-8 35

 Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	8.31 ug/l	283356	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	62

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	10.63 ug/l	362654	1,4-Dichlorobenzene-d4	12.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5			Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	78

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	13.10	7.3	ug/l	249067	4	12.90	1705640	50.0
o-Cymene	13.18	6.2	ug/l	211548	4	12.90	1705640	50.0
Benzene, (2-methy...	13.53	6.1	ug/l	207800	4	12.90	1705640	50.0
Benzene, 1,2,3,4-...	13.74	9.4	ug/l	321911	4	12.90	1705640	50.0
1-Phenyl-1-butene	14.06	15.4	ug/l	526110	4	12.90	1705640	50.0
(+)-2-Bornanone	14.28	10.0	ug/l	341740	4	12.90	1705640	50.0
Naphthalene, 1,2,...	15.24	8.3	ug/l	283356	4	12.90	1705640	50.0
Naphthalene, 1-me...	15.26	10.6	ug/l	362654	4	12.90	1705640	50.0