

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058378.D
 Acq On : 24 Jun 2018 18:14
 Operator : VA/AP
 Sample : J3671-20
 Misc : 6.22g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB481-21-23-180621

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\82D061918S.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	1.217	92	101	103	rBV	1183478	2553582	4.27%	1.077%
2	1.267	103	106	121	rVB	1680080	5291298	8.85%	2.232%
3	1.552	132	135	151	rVB	1079362	2423417	4.05%	1.022%
4	5.559	536	542	548	rBV	548041	1855912	3.10%	0.783%
5	5.657	548	552	566	rVV	725771	2301544	3.85%	0.971%
6	6.031	583	590	600	rVV	2472352	6955186	11.63%	2.934%
7	6.228	600	610	616	rVV	270516	1134131	1.90%	0.478%
8	6.514	633	639	652	rVV	529294	1409553	2.36%	0.595%
9	6.701	652	658	676	rVB	878823	2258057	3.78%	0.953%
10	7.291	707	718	727	rBV	855159	2748491	4.60%	1.159%
11	8.719	853	863	870	rBV	1354424	3505361	5.86%	1.479%
12	9.546	942	947	951	rBV	258524	645408	1.08%	0.272%
13	10.048	993	998	1002	rVB	474119	1083728	1.81%	0.457%
14	10.451	1035	1039	1041	rVV	297320	660765	1.11%	0.279%
15	10.530	1041	1047	1055	rVB3	549674	1840347	3.08%	0.776%
16	10.658	1055	1060	1063	rBV	849436	1778843	2.97%	0.750%
17	10.766	1063	1071	1075	rVV	17828845	59795092	100.00%	25.225%
18	10.875	1079	1082	1088	rVV4	276205	905763	1.51%	0.382%
19	10.993	1088	1094	1097	rVV4	284066	919917	1.54%	0.388%
20	11.062	1097	1101	1103	rVV	888387	1761484	2.95%	0.743%
21	11.111	1103	1106	1113	rVB	774447	1423915	2.38%	0.601%
22	11.377	1128	1133	1135	rBV3	1071379	2606302	4.36%	1.100%
23	11.406	1135	1136	1140	rVV3	741839	1373970	2.30%	0.580%
24	11.465	1140	1142	1146	rVV	806204	1316765	2.20%	0.555%
25	11.574	1150	1153	1154	rVV	757819	1575839	2.64%	0.665%
26	11.603	1154	1156	1159	rVV	1479619	2178497	3.64%	0.919%
27	11.692	1159	1165	1171	rVV4	2695606	7016143	11.73%	2.960%
28	11.780	1171	1174	1178	rVB	1743726	2596607	4.34%	1.095%
29	11.879	1178	1184	1186	rBV3	858032	3005914	5.03%	1.268%
30	11.938	1186	1190	1192	rVV3	2342497	4363980	7.30%	1.841%
31	11.977	1192	1194	1197	rVV2	1188840	2389007	4.00%	1.008%
32	12.026	1197	1199	1200	rVV	596025	838171	1.40%	0.354%
33	12.056	1200	1202	1204	rVV	1626235	2533712	4.24%	1.069%
34	12.095	1204	1206	1211	rVV2	1465774	2701515	4.52%	1.140%

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35	12.213	1214	1218	1221	rVV3	831859	1889421	3.16%	0.797%
36	12.273	1221	1224	1226	rVV	1465052	2737788	4.58%	1.155%
37	12.322	1226	1229	1231	rVV	1433345	2869345	4.80%	1.210%
38	12.361	1231	1233	1236	rVV	1603615	2627239	4.39%	1.108%
39	12.410	1236	1238	1241	rVV3	535958	998788	1.67%	0.421%
40	12.479	1241	1245	1247	rVV3	1440634	3141825	5.25%	1.325%
41	12.509	1247	1248	1252	rVV4	1103361	2178233	3.64%	0.919%
42	12.578	1252	1255	1260	rVV2	2347933	5142098	8.60%	2.169%
43	12.656	1260	1263	1269	rVV5	757087	2396423	4.01%	1.011%
44	12.745	1269	1272	1279	rVV2	4705162	12074034	20.19%	5.094%
45	12.844	1279	1282	1287	rVV2	3786776	7114291	11.90%	3.001%
46	12.932	1287	1291	1296	rVV2	9063779	15548404	26.00%	6.559%
47	13.031	1298	1301	1305	rVB	2590315	4027688	6.74%	1.699%
48	13.208	1314	1319	1325	rBV	12838540	21243178	35.53%	8.962%
49	13.296	1325	1328	1331	rVV3	392352	922001	1.54%	0.389%
50	13.424	1335	1341	1342	rBV	991726	1452208	2.43%	0.613%
51	13.542	1350	1353	1354	rVV	1749620	2419068	4.05%	1.021%
52	13.562	1354	1355	1358	rVV	1408246	1600567	2.68%	0.675%
53	13.631	1358	1362	1364	rVV2	694140	1389703	2.32%	0.586%
54	13.670	1364	1366	1369	rVV2	1932961	3905635	6.53%	1.648%
55	13.720	1369	1371	1374	rVV3	782853	1184847	1.98%	0.500%
56	13.779	1374	1377	1380	rVV3	386106	762549	1.28%	0.322%
57	13.838	1380	1383	1385	rVV2	774615	984098	1.65%	0.415%
58	14.202	1417	1420	1424	rVB3	274668	685660	1.15%	0.289%

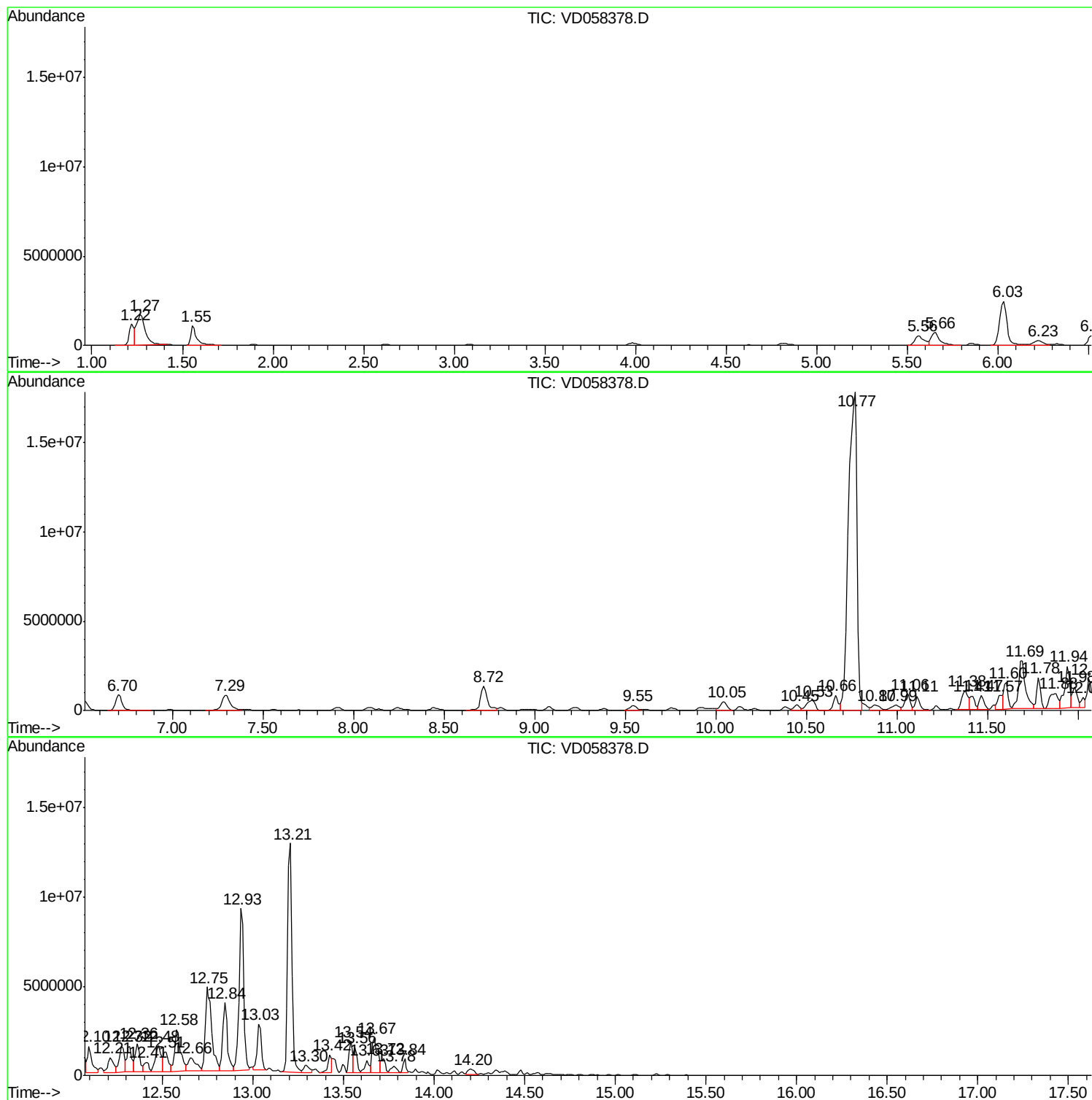
Sum of corrected areas: 237043307

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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 1 Pentane, 2,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	25.11 ug/l	1134130	1,4-Difluorobenzene	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	72
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
5			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64

 Peak Number 2 Heptane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	31.21 ug/l	1409550	1,4-Difluorobenzene	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	64
3			1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	36
4			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	33
5			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28

 Peak Number 3 Cyclohexane, ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	30.46 ug/l	1083730	Chlorobenzene-d5	10.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	97
2			2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	53
3			3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	53
4			4-Hexen-3-one, 4-methyl-	112	C7H12O	052883-78-0	50
5			2-Pyrazoline, 4-ethyl-1-methyl-	112	C6H12N2	022581-42-6	50

 Peak Number 4 Octane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
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10.53	51.73 ug/l	1840350	Chlorobenzene-d5	10.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2-methyl-	128 C9H20	003221-61-2 90
2		Octane, 4-methyl-	128 C9H20	002216-34-4 72
3		Oxalic acid, allyl nonyl ester	256 C14H24O4	1000309-23-7 64
4		Heptane, 2,6-dimethyl-	128 C9H20	001072-05-5 64
5		Dichloroacetic acid, 4-methylpen...	212 C8H14Cl2O2	1000282-43-7 59

 Peak Number 5 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	40.02 ug/l	1423920	Chlorobenzene-d5	10.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	004926-78-7 76
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	006236-88-0 70
3		Cyclohexane, 1,4-dimethyl-	112 C8H16	000589-90-2 59
4		1-Ethyl-4-methylcyclohexane	126 C9H18	003728-56-1 58
5		Cyclopentane, 1-hydroxymethyl-1,...	128 C8H16O	1000156-73-8 53

 Peak Number 6 Cyclohexane, (1-methylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	44.29 ug/l	1575840	Chlorobenzene-d5	10.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 83
2		Cyclohexane, propyl-	126 C9H18	001678-92-8 50
3		Cyclohexanemethanol	114 C7H14O	000100-49-2 50
4		Vinylcyclohexyl ether	126 C8H14O	002182-55-0 49
5		Dodecanoic acid, 2-hexen-1-yl ester	282 C18H34O2	1000159-97-0 47

 Peak Number 7 Nonane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	61.23 ug/l	2178500	Chlorobenzene-d5	10.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	47
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	47

Peak Number 8 Cyclopentane, 1-methyl-2-(2... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	197.21 ug/l	7016140	Chlorobenzene-d5	10.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	68
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	47
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	47

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,2,3-tr...	6.23	25.1	ug/l	1134130	2	6.70	2258060	50.0
Heptane	6.51	31.2	ug/l	1409550	2	6.70	2258060	50.0
Cyclohexane, ethyl-	10.05	30.5	ug/l	1083730	3	10.71	1778840	50.0
Octane, 2-methyl-	10.53	51.7	ug/l	1840350	3	10.71	1778840	50.0
Cyclohexane, 1-et...	11.11	40.0	ug/l	1423920	3	10.71	1778840	50.0
Cyclohexane, (1-m...	11.57	44.3	ug/l	1575840	3	10.71	1778840	50.0
Nonane, 3-methyl-	11.60	61.2	ug/l	2178500	3	10.71	1778840	50.0
Cyclopentane, 1-m...	11.69	197.2	ug/l	7016140	3	10.71	1778840	50.0