

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD058008.D
 Acq On : 8 Jun 2018 10:10
 Operator : JC/SY
 Sample : J3357-03
 Misc : 6.79g/5ml/MSVOA D/SOIL
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB45(0-5)

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	1.232	93	102	104	rBV	1226870	2780461	38.26%	3.819%
2	1.291	104	108	130	rVV	1828890	7266849	100.00%	9.981%
3	1.960	171	176	185	rVB	85166	175114	2.41%	0.241%
4	2.620	236	243	255	rBV	48002	178523	2.46%	0.245%
5	3.083	278	290	305	rBV2	94448	435957	6.00%	0.599%
6	3.388	315	321	332	rBV2	175021	566706	7.80%	0.778%
7	3.742	353	357	366	rVB2	28946	92304	1.27%	0.127%
8	4.402	416	424	430	rBV4	33644	127293	1.75%	0.175%
9	4.530	430	437	442	rVV	174806	579305	7.97%	0.796%
10	4.628	442	447	460	rVV	172062	643532	8.86%	0.884%
11	4.835	460	468	476	rVB3	31842	132850	1.83%	0.182%
12	5.327	508	518	528	rVB5	58054	211263	2.91%	0.290%
13	5.544	535	540	546	rBV3	461701	1782306	24.53%	2.448%
14	5.642	546	550	553	rVV	740965	2215770	30.49%	3.043%
15	5.691	553	555	565	rVV	506181	1409591	19.40%	1.936%
16	5.849	565	571	582	rVV	189658	686849	9.45%	0.943%
17	6.016	582	588	596	rVV	354819	988853	13.61%	1.358%
18	6.213	596	608	615	rVV	1159163	4582799	63.06%	6.295%
19	6.321	615	619	629	rVV	167036	525493	7.23%	0.722%
20	6.499	629	637	644	rVB4	33459	120743	1.66%	0.166%
21	6.686	649	656	665	rBV	1040490	2893026	39.81%	3.974%
22	6.971	680	685	687	rBV3	33709	91653	1.26%	0.126%
23	7.070	692	695	703	rVB2	33438	90996	1.25%	0.125%
24	7.276	705	716	719	rBV	636891	2235682	30.77%	3.071%
25	7.326	719	721	724	rVV	389148	816649	11.24%	1.122%
26	7.394	724	728	733	rVV	335646	922258	12.69%	1.267%
27	7.483	733	737	740	rVV	96344	267750	3.68%	0.368%
28	7.532	740	742	749	rVB	103911	247591	3.41%	0.340%
29	7.670	749	756	761	rBV2	150783	489459	6.74%	0.672%
30	7.887	772	778	787	rBV	1056897	3076711	42.34%	4.226%
31	8.064	788	796	809	rBV	1035898	4068649	55.99%	5.588%
32	8.221	809	812	814	rBV	73851	159927	2.20%	0.220%
33	8.261	814	816	820	rVB2	92413	190219	2.62%	0.261%
34	8.359	820	826	830	rBV4	88545	277365	3.82%	0.381%

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Integrator: RTE
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35	8.428	830	833	834	rBV2	85896	155444	2.14%	0.214%
36	8.458	834	836	840	rVB2	110680	195984	2.70%	0.269%
37	8.645	850	855	857	rBV	654720	1597219	21.98%	2.194%
38	8.694	857	860	865	rVB2	1177322	2486180	34.21%	3.415%
39	8.910	876	882	884	rBV3	145517	450529	6.20%	0.619%
40	9.048	893	896	905	rVB3	80539	245443	3.38%	0.337%
41	9.196	905	911	917	rBV2	319744	859929	11.83%	1.181%
42	9.363	921	928	933	rVV4	304216	900826	12.40%	1.237%
43	9.442	933	936	940	rVV2	175232	450567	6.20%	0.619%
44	9.501	940	942	946	rVB2	76014	148114	2.04%	0.203%
45	9.580	946	950	954	rBV	117329	250712	3.45%	0.344%
46	9.737	962	966	969	rBV	225888	472817	6.51%	0.649%
47	9.796	969	972	975	rVV2	52251	102748	1.41%	0.141%
48	9.895	975	982	990	rVV3	266168	1240258	17.07%	1.704%
49	10.023	990	995	999	rVV2	357911	892762	12.29%	1.226%
50	10.111	999	1004	1008	rVV	296199	709846	9.77%	0.975%
51	10.180	1008	1011	1016	rVV4	102803	270509	3.72%	0.372%
52	10.279	1016	1021	1026	rVB5	75043	225620	3.10%	0.310%
53	10.358	1026	1029	1032	rBV	150708	294820	4.06%	0.405%
54	10.426	1032	1036	1039	rVV	297322	640539	8.81%	0.880%
55	10.476	1039	1041	1046	rVB2	141620	300353	4.13%	0.413%
56	10.623	1051	1056	1058	rVV2	142232	349747	4.81%	0.480%
57	10.682	1058	1062	1066	rVV	1386700	2524193	34.74%	3.467%
58	10.751	1066	1069	1071	rVV	136478	331887	4.57%	0.456%
59	10.781	1071	1072	1077	rVB3	162214	294847	4.06%	0.405%
60	10.869	1077	1081	1086	rBV2	215342	483509	6.65%	0.664%
61	10.997	1086	1094	1095	rBV6	139616	512100	7.05%	0.703%
62	11.037	1095	1098	1101	rVV	239925	455100	6.26%	0.625%
63	11.096	1101	1104	1110	rVB	281100	560982	7.72%	0.771%
64	11.194	1110	1114	1119	rBV2	86131	188460	2.59%	0.259%
65	11.283	1119	1123	1125	rBV3	40158	85774	1.18%	0.118%
66	11.352	1125	1130	1133	rBV3	318611	688110	9.47%	0.945%
67	11.450	1137	1140	1144	rVB	151141	286042	3.94%	0.393%
68	11.578	1144	1153	1157	rBV2	330478	867644	11.94%	1.192%
69	11.667	1157	1162	1168	rVV3	272931	607237	8.36%	0.834%
70	11.765	1170	1172	1175	rVB4	52832	85476	1.18%	0.117%
71	11.854	1175	1181	1184	rBV3	83569	276035	3.80%	0.379%

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72	11.923	1184	1188	1195	rVB2	1298808	2237649	30.79%	3.074%
73	12.080	1201	1204	1207	rVV2	180060	283756	3.90%	0.390%
74	12.189	1211	1215	1217	rBV4	59618	139090	1.91%	0.191%
75	12.258	1220	1222	1224	rBV	144218	185806	2.56%	0.255%
76	12.307	1224	1227	1229	rVV2	117406	182718	2.51%	0.251%
77	12.346	1229	1231	1234	rVB2	93503	152429	2.10%	0.209%
78	12.454	1239	1242	1245	rBV	395857	633911	8.72%	0.871%
79	12.494	1245	1246	1250	rVB3	74901	90723	1.25%	0.125%
80	12.612	1254	1258	1261	rBV3	181714	341626	4.70%	0.469%
81	12.730	1266	1270	1275	rVV5	119170	405489	5.58%	0.557%
82	12.819	1278	1279	1280	rVV	83347	93467	1.29%	0.128%
83	12.897	1283	1287	1290	rVV	1681832	2398754	33.01%	3.295%
84	12.937	1290	1291	1294	rVV	292219	326898	4.50%	0.449%
85	12.976	1294	1295	1297	rVV	53151	78758	1.08%	0.108%
86	13.016	1297	1299	1303	rVV4	66528	123200	1.70%	0.169%
87	13.094	1303	1307	1311	rVV	442180	654845	9.01%	0.899%
88	13.173	1312	1315	1320	rVV2	151591	324730	4.47%	0.446%
89	13.242	1320	1322	1325	rVV	57903	85412	1.18%	0.117%
90	13.301	1325	1328	1333	rVV	129795	226672	3.12%	0.311%
91	13.449	1340	1343	1345	rVV	285196	360871	4.97%	0.496%
92	13.527	1347	1351	1356	rVV4	187894	362177	4.98%	0.497%
93	13.665	1362	1365	1368	rBV2	51795	117290	1.61%	0.161%
94	13.734	1368	1372	1374	rVV2	61971	84747	1.17%	0.116%
95	14.059	1403	1405	1410	rVB2	60993	94279	1.30%	0.129%

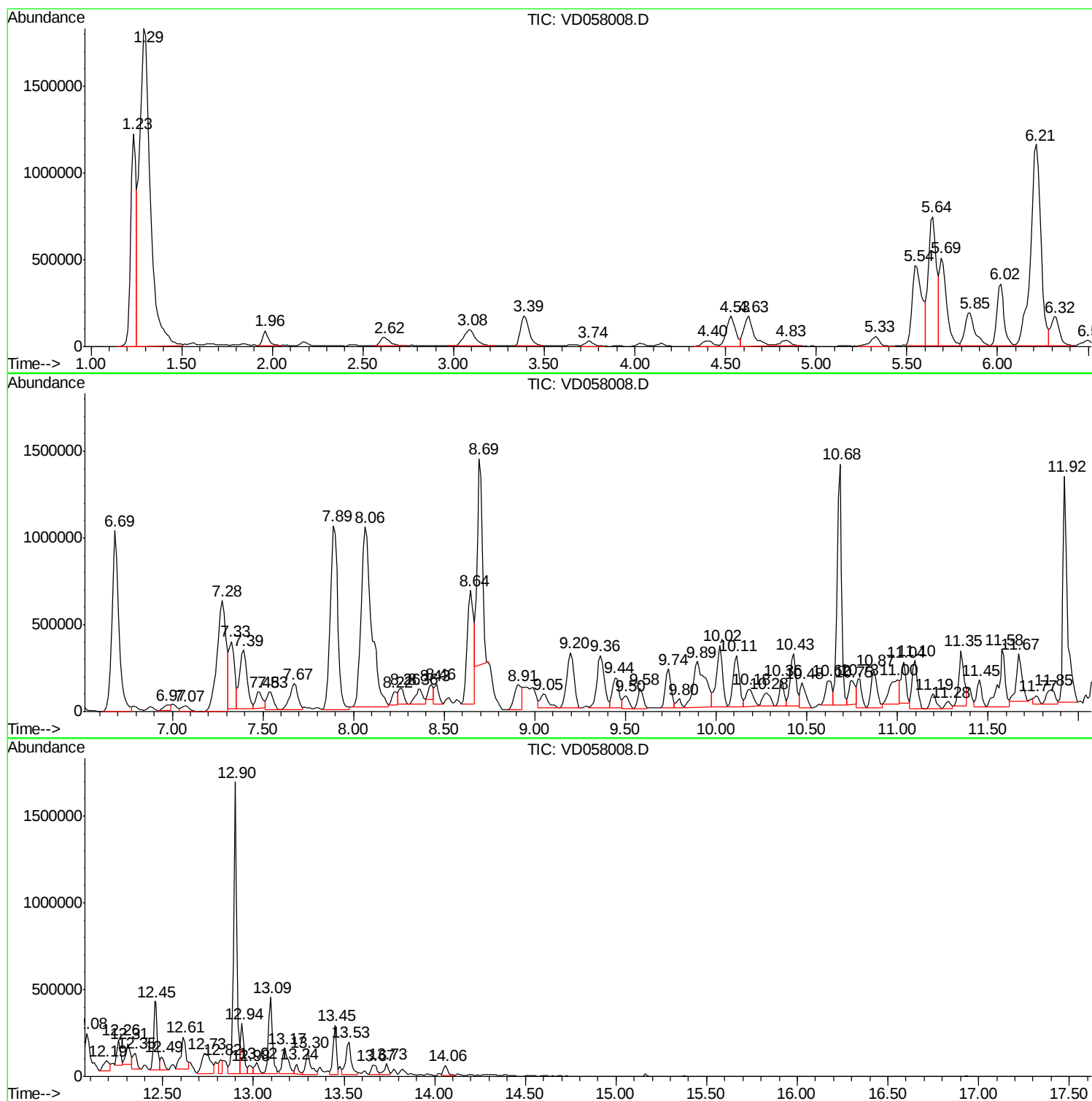
Sum of corrected areas: 72804155

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



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 TIC Integration Parameters: LSCINT.P

 Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	79.20 ug/l	4582800	1,4-Difluorobenzene	6.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentane, 2,2,4-trimethyl-	114 C8H18	000540-84-1 78
2		Butane, 2,2,3,3-tetramethyl-	114 C8H18	000594-82-1 64
3		Dodecane, 2,2,11,11-tetramethyl-	226 C16H34	127204-12-0 64
4		Hexane, 2,2,4-trimethyl-	128 C9H20	016747-26-5 64
5		Hexane, 2,2-dimethyl-	114 C8H18	000590-73-8 64

 Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	53.17 ug/l	3076710	1,4-Difluorobenzene	6.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentane, 2,3,4-trimethyl-	114 C8H18	000565-75-3 91
2		Heptane, 4-methyl-	114 C8H18	000589-53-7 83
3		Pentane, 3-ethyl-	100 C7H16	000617-78-7 78
4		Hexane, 3,3,4-trimethyl-	128 C9H20	016747-31-2 72
5		Hexane, 2,3-dimethyl-	114 C8H18	000584-94-1 72

 Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	70.32 ug/l	4068650	1,4-Difluorobenzene	6.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentane, 2,3,3-trimethyl-	114 C8H18	000560-21-4 90
2		Octane, 4-methyl-	128 C9H20	002216-34-4 83
3		Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6 59
4		Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1 59
5		Pentane, 2,3,4-trimethyl-	114 C8H18	000565-75-3 59

 Peak Number 4 Hexane, 2,2,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
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 TIC Integration Parameters: LSCINT.P

8.64	27.60 ug/l	1597220	1,4-Difluorobenzene	6.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9 78
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5 78
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7 72
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7 59
5	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0 56

 Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	17.84 ug/l	900826	Chlorobenzene-d5	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6 60
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0 55
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3 55
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2 55
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7 53

 Peak Number 6 Heptane, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	24.57 ug/l	1240260	Chlorobenzene-d5	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0 91
2	Octane, 3-methyl-	128	C9H20	002216-33-3 91
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9 80
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1 53
5	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3 53

 Peak Number 7 Cyclohexane, ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	17.68 ug/l	892762	Chlorobenzene-d5	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	52
3	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	52
4	Phosphonous dibromide, cyclohexyl-	272	C6H11Br2P	086012-32-0	50
5	3-Ethyl-3-hexene	112	C8H16	016789-51-8	50

Peak Number 8 Pentalene, octahydro-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	17.19 ug/l	867644	Chlorobenzene-d5	10.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	55
2			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	55
3			1-Pentadecyne	208	C15H28	000765-13-9	46
4			Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	43
5			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	41

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,2,4-tr...	6.21	79.2	ug/l	4582800	2	6.69	2893030	50.0
Pentane, 2,3,4-tr...	7.89	53.2	ug/l	3076710	2	6.69	2893030	50.0
Pentane, 2,3,3-tr...	8.06	70.3	ug/l	4068650	2	6.69	2893030	50.0
Hexane, 2,2,5-tri...	8.64	27.6	ug/l	1597220	2	6.69	2893030	50.0
Cyclohexane, 1,3-...	9.36	17.8	ug/l	900826	3	10.68	2524190	50.0
Heptane, 2,5-dime...	9.89	24.6	ug/l	1240260	3	10.68	2524190	50.0
Cyclohexane, ethyl-	10.02	17.7	ug/l	892762	3	10.68	2524190	50.0
Pentalene, octahy...	11.58	17.2	ug/l	867644	3	10.68	2524190	50.0