

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046806.D
 Acq On : 21 Sep 2015 14:50
 Operator : FY/SY
 Sample : G3747-04
 Misc : 4.71µm/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-1-4

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 : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.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	1.235	70	72	73	rBV	15772	15720	1.87%	0.154%
2	1.275	73	76	86	rVB	450154	838846	100.00%	8.207%
3	1.649	111	114	119	rVV3	9938	18083	2.16%	0.177%
4	2.931	240	244	249	rBV	10149	22515	2.68%	0.220%
5	3.492	296	301	306	rBV	12129	26506	3.16%	0.259%
6	5.385	488	493	497	rBV	6582	18486	2.20%	0.181%
7	5.434	497	498	509	rVB3	4043	8803	1.05%	0.086%
8	6.193	566	575	580	rBV	129917	330412	39.39%	3.232%
9	6.292	580	585	593	rVB	203745	487716	58.14%	4.771%
10	6.696	611	626	637	rBV	102890	276785	33.00%	2.708%
11	7.416	691	699	706	rBV	265175	586518	69.92%	5.738%
12	9.604	915	921	929	rBV	342859	734903	87.61%	7.190%
13	10.117	971	973	975	rBV	18046	13132	1.57%	0.128%
14	11.566	1115	1120	1126	rVV	379718	661599	78.87%	6.473%
15	11.723	1133	1136	1141	rVB	12484	21900	2.61%	0.214%
16	11.881	1147	1152	1156	rBV2	12493	24509	2.92%	0.240%
17	12.275	1189	1192	1198	rVB3	4418	9288	1.11%	0.091%
18	12.660	1228	1231	1237	rBV2	8660	15879	1.89%	0.155%
19	12.837	1245	1249	1255	rBV	311472	494152	58.91%	4.834%
20	12.936	1257	1259	1264	rVB2	9301	15605	1.86%	0.153%
21	13.064	1269	1272	1276	rVB	11198	17822	2.12%	0.174%
22	13.192	1282	1285	1288	rBV	14221	25743	3.07%	0.252%
23	13.261	1288	1292	1296	rVB7	8511	18271	2.18%	0.179%
24	13.409	1304	1307	1311	rBV2	7207	11785	1.40%	0.115%
25	13.586	1321	1325	1330	rVB	291053	473351	56.43%	4.631%
26	13.724	1334	1339	1343	rBV2	14488	31399	3.74%	0.307%
27	13.803	1344	1347	1350	rVV4	7351	13600	1.62%	0.133%
28	13.862	1350	1353	1354	rVV	16761	23491	2.80%	0.230%
29	13.902	1354	1357	1366	rVB	341736	609646	72.68%	5.964%
30	14.030	1366	1370	1374	rVB6	7117	15214	1.81%	0.149%
31	14.119	1374	1379	1383	rBV2	49841	112929	13.46%	1.105%
32	14.188	1383	1386	1392	rBV2	26516	82867	9.88%	0.811%
33	14.266	1392	1394	1397	rVB	13131	22602	2.69%	0.221%
34	14.404	1405	1408	1410	rBV	82402	143186	17.07%	1.401%

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35	14.434	1410	1411	1414	rVV	86262	113735	13.56%	1.113%
36	14.493	1414	1417	1420	rVV	118946	183701	21.90%	1.797%
37	14.552	1420	1423	1425	rVB	20096	27301	3.25%	0.267%
38	14.602	1425	1428	1433	rVB	113383	183010	21.82%	1.790%
39	14.690	1433	1437	1439	rBV3	9661	20700	2.47%	0.203%
40	14.740	1439	1442	1444	rBV2	14017	21654	2.58%	0.212%
41	14.828	1444	1451	1452	rBV	103820	192024	22.89%	1.879%
42	14.858	1452	1454	1458	rVB	188574	285397	34.02%	2.792%
43	14.917	1458	1460	1465	rVB2	22028	44411	5.29%	0.434%
44	14.986	1465	1467	1469	rBV	12346	14760	1.76%	0.144%
45	15.045	1469	1473	1475	rBV3	14190	28045	3.34%	0.274%
46	15.094	1475	1478	1481	rBV	77071	134599	16.05%	1.317%
47	15.154	1481	1484	1486	rVB	37289	56669	6.76%	0.554%
48	15.213	1486	1490	1495	rBV2	283279	589167	70.24%	5.764%
49	15.292	1495	1498	1501	rVB2	27275	49559	5.91%	0.485%
50	15.380	1501	1507	1513	rBV2	90282	178447	21.27%	1.746%
51	15.499	1513	1519	1521	rBV2	72562	178637	21.30%	1.748%
52	15.617	1527	1531	1537	rVB	91642	222039	26.47%	2.172%
53	15.715	1538	1541	1543	rBV3	9719	16214	1.93%	0.159%
54	15.765	1543	1546	1547	rBV2	12012	18205	2.17%	0.178%
55	15.814	1547	1551	1554	rVB	86431	161880	19.30%	1.584%
56	15.873	1554	1557	1560	rBV	22229	38120	4.54%	0.373%
57	15.932	1560	1563	1566	rBV4	29493	71955	8.58%	0.704%
58	16.120	1578	1582	1587	rBV	38503	83581	9.96%	0.818%
59	16.208	1587	1591	1593	rVV4	7540	18105	2.16%	0.177%
60	16.297	1593	1600	1602	rVV3	36472	110120	13.13%	1.077%
61	16.336	1602	1604	1610	rVV2	55745	123856	14.77%	1.212%
62	16.425	1610	1613	1616	rVV2	19070	43898	5.23%	0.429%
63	16.504	1617	1621	1631	rVB4	28520	98747	11.77%	0.966%
64	16.662	1631	1637	1646	rBV2	35085	105047	12.52%	1.028%
65	16.869	1652	1658	1660	rBV6	18410	47077	5.61%	0.461%
66	16.938	1660	1665	1673	rVB	117784	308499	36.78%	3.018%
67	17.145	1680	1686	1691	rBV	89828	229217	27.33%	2.242%

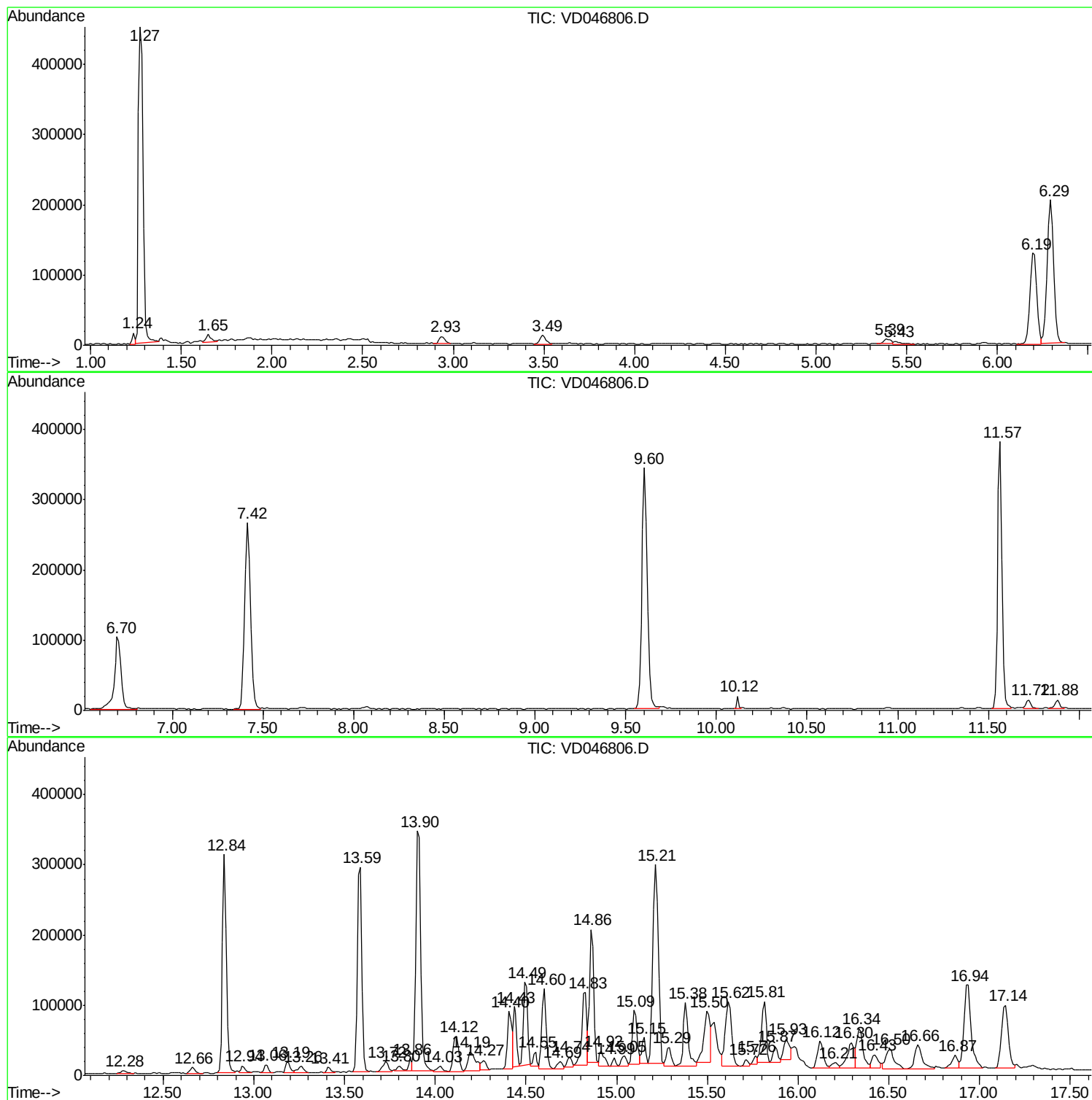
Sum of corrected areas: 10221639

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	15.07 ug/l	183701	1,4-Dichlorobenzene-d4	13.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-2-(1-methyleth...	134 C10H14	000527-84-4 95
2		Benzene, 1-methyl-4-(1-methyleth...	134 C10H14	000099-87-6 95
3		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 93
4		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 93
5		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 91

Peak Number 2 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	15.01 ug/l	183010	1,4-Dichlorobenzene-d4	13.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Phenyl-1-butene	132 C10H12	000824-90-8 81
2		3-Phenylbut-1-ene	132 C10H12	000934-10-1 81
3		Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0 74
4		Indan, 1-methyl-	132 C10H12	000767-58-8 74
5		Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4 74

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	15.75 ug/l	192024	1,4-Dichlorobenzene-d4	13.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 96
2		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 95
3		Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7 94
4		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 91
5		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 90

Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.86	23.41 ug/l	285397	1,4-Dichlorobenzene-d4	13.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-2-(1-methyleth...	134 C10H14	000527-84-4 95
2		Benzene, 1-methyl-4-(1-methyleth...	134 C10H14	000099-87-6 94
3		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 93
4		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 91
5		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 91

 Peak Number 5 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	48.32 ug/l	589167	1,4-Dichlorobenzene-d4	13.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Phenyl-1-butene	132 C10H12	000824-90-8 84
2		Benzene, 2-butenyl-	132 C10H12	001560-06-1 84
3		Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8 83
4		Benzene, 1-methyl-4-(2-propenyl)-	132 C10H12	003333-13-9 60
5		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 60

 Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	14.65 ug/l	178637	1,4-Dichlorobenzene-d4	13.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 93
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2 92
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 92
4		Benzene, 1-methyl-2-(1-methyl-2-...	146 C11H14	097664-19-2 70
5		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146 C11H14	020836-11-7 70

 Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	18.21 ug/l	222039	1,4-Dichlorobenzene-d4	13.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1 Benzene, (2-methyl-1-butenyl)-      146 C11H14      056253-64-6 93
2 1H-Indene, 2,3-dihydro-2,2-dimethyl- 146 C11H14      020836-11-7 76
3 1H-Indene, 2,3-dihydro-4,7-dimet... 146 C11H14      006682-71-9 76
4 1H-Indene, 2,3-dihydro-1,3-dimet... 146 C11H14      004175-53-5 70
5 1H-Indene, 2,3-dihydro-5,6-dimet... 146 C11H14      001075-22-5 70
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 Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	25.30 ug/l	308499	1,4-Dichlorobenzene-d4	13.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	64

 Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	18.80 ug/l	229217	1,4-Dichlorobenzene-d4	13.91

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	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	90
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-methyl...	14.49	15.1	ug/l	183701	4	13.91	609646	50.0
1-Phenyl-1-butene	14.60	15.0	ug/l	183010	4	13.91	609646	50.0
Benzene, 1,2,4,5-...	14.83	15.8	ug/l	192024	4	13.91	609646	50.0
Benzene, 1-methyl...	14.86	23.4	ug/l	285397	4	13.91	609646	50.0
Benzene, 2-butenyl-	15.21	48.3	ug/l	589167	4	13.91	609646	50.0
1H-Indene, 2,3-di...	15.50	14.7	ug/l	178637	4	13.91	609646	50.0
Benzene, (2-methy...	15.62	18.2	ug/l	222039	4	13.91	609646	50.0
Naphthalene, 2-me...	16.94	25.3	ug/l	308499	4	13.91	609646	50.0
Naphthalene, 1-me...	17.14	18.8	ug/l	229217	4	13.91	609646	50.0