

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059975.D
 Acq On : 5 Sep 2018 18:02
 Operator : JC/SY
 Sample : J4724-15
 Misc : 5.32g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-8USTS-E

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\82D082218S.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	1.413	117	121	124	rBV	1823084	3832872	6.99%	0.534%
2	1.472	124	127	146	rVB	2147806	5916844	10.79%	0.825%
3	6.294	611	617	622	rBV	965665	2549614	4.65%	0.355%
4	6.383	622	626	635	rVB	1278889	3298820	6.01%	0.460%
5	6.766	658	665	682	rBV	704746	1866386	3.40%	0.260%
6	7.416	725	731	748	rBV	1679694	4217682	7.69%	0.588%
7	9.148	903	907	917	rVB	239046	803166	1.46%	0.112%
8	9.433	927	936	950	rVB2	2848573	8441781	15.39%	1.176%
9	9.669	950	960	963	rBV3	199291	846218	1.54%	0.118%
10	9.935	980	987	995	rVB2	1039231	3201620	5.84%	0.446%
11	10.093	996	1003	1008	rBV	580194	1564378	2.85%	0.218%
12	10.181	1008	1012	1014	rBV2	392708	1017041	1.85%	0.142%
13	10.221	1014	1016	1020	rVB	347762	710630	1.30%	0.099%
14	10.299	1020	1024	1030	rVB2	1118885	2944019	5.37%	0.410%
15	10.437	1030	1038	1048	rBV	4331964	12309403	22.44%	1.715%
16	10.575	1048	1052	1055	rBV	2775008	7720138	14.08%	1.076%
17	10.693	1061	1064	1068	rVB	4279076	9234369	16.84%	1.287%
18	10.772	1068	1072	1077	rBV	7801956	22306342	40.67%	3.109%
19	10.929	1084	1088	1090	rBV	1800075	4044730	7.37%	0.564%
20	10.978	1090	1093	1096	rBV	5111800	10910853	19.89%	1.521%
21	11.047	1096	1100	1101	rBV2	5259451	10799470	19.69%	1.505%
22	11.214	1110	1117	1122	rBV	8454517	28705361	52.34%	4.000%
23	11.274	1122	1123	1126	rVB	2838212	3266016	5.96%	0.455%
24	11.362	1126	1132	1137	rVB4	3090503	9542320	17.40%	1.330%
25	11.451	1137	1141	1145	rBV2	6723438	16834759	30.70%	2.346%
26	11.549	1145	1151	1153	rBV3	7960449	26958642	49.15%	3.757%
27	11.598	1153	1156	1159	rVV4	7369476	19692247	35.91%	2.744%
28	11.647	1159	1161	1167	rVB	10716606	27520853	50.18%	3.835%
29	11.756	1167	1172	1175	rBV2	6733037	18544015	33.81%	2.584%
30	11.825	1175	1179	1181	rBV2	2253127	5072626	9.25%	0.707%
31	11.894	1181	1186	1192	rBV6	12094974	54844851	100.00%	7.643%
32	11.982	1192	1195	1200	rVV2	3516483	10125008	18.46%	1.411%
33	12.120	1205	1209	1213	rVV2	8770067	26295930	47.95%	3.665%
34	12.218	1213	1219	1225	rVV4	8041835	33914094	61.84%	4.726%

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35	12.376	1230	1235	1238	rBV5	7911321	26313030	47.98%	3.667%
36	12.435	1238	1241	1245	rVB	5444091	12316953	22.46%	1.716%
37	12.612	1255	1259	1264	rVB3	9111584	27203815	49.60%	3.791%
38	12.720	1264	1270	1272	rBV5	5211801	17146032	31.26%	2.389%
39	12.996	1294	1298	1301	rBV3	4739308	13823221	25.20%	1.926%
40	13.222	1318	1321	1323	rBV	5302827	9761295	17.80%	1.360%
41	13.271	1323	1326	1328	rVV	4677805	8446366	15.40%	1.177%
42	13.330	1328	1332	1335	rVV3	4965411	13377116	24.39%	1.864%
43	13.438	1340	1343	1348	rVB	5976854	15134128	27.59%	2.109%
44	13.576	1355	1357	1359	rBV	5134487	8164365	14.89%	1.138%
45	13.645	1362	1364	1366	rBV	6797323	10622499	19.37%	1.480%
46	13.694	1366	1369	1374	rVB6	5602418	12583360	22.94%	1.754%
47	13.783	1374	1378	1380	rBV2	4039234	9095601	16.58%	1.268%
48	13.881	1385	1388	1390	rVV2	4541861	8792119	16.03%	1.225%
49	13.921	1390	1392	1395	rVV	6878442	10355749	18.88%	1.443%
50	14.009	1398	1401	1404	rVB2	9806696	17801409	32.46%	2.481%
51	14.088	1404	1409	1411	rBV5	3826936	9766533	17.81%	1.361%
52	14.127	1411	1413	1414	rBV	4524617	6080548	11.09%	0.847%
53	14.236	1422	1424	1426	rVB	5946664	7527970	13.73%	1.049%
54	14.285	1426	1429	1433	rVV3	4681239	12395328	22.60%	1.727%
55	14.383	1436	1439	1441	rVB3	4288368	7189760	13.11%	1.002%
56	14.423	1441	1443	1446	rVB2	2448106	4004147	7.30%	0.558%
57	14.472	1446	1448	1450	rVB	4400934	5016283	9.15%	0.699%
58	14.511	1450	1452	1457	rVB3	9887825	20554171	37.48%	2.864%
59	14.580	1457	1459	1461	rVB2	2638187	3507536	6.40%	0.489%
60	14.639	1461	1465	1470	rVB2	9628828	14841175	27.06%	2.068%
61	14.708	1470	1472	1473	rBV2	521467	632597	1.15%	0.088%
62	14.738	1473	1475	1477	rBV3	504334	702415	1.28%	0.098%
63	14.767	1477	1478	1480	rVB	1664581	1559636	2.84%	0.217%
64	14.816	1480	1483	1487	rVB3	1182413	3007034	5.48%	0.419%

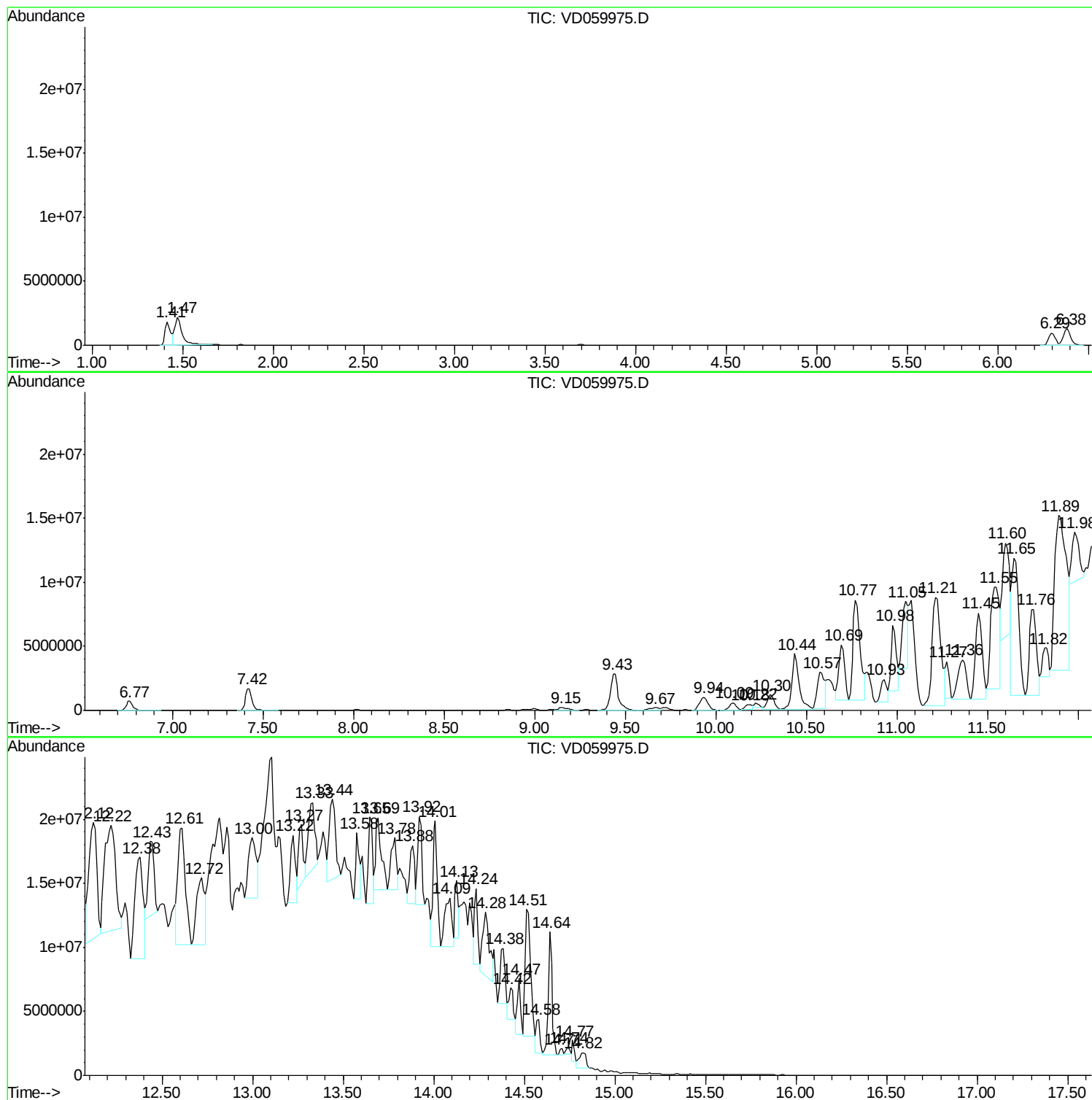
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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 Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	341.49 ug/l	22306300	Chlorobenzene-d5	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1,3-trimethyl-	126 C9H18	003073-66-3 90
2		Cyclohexane, 1,3,5-trimethyl-	126 C9H18	001839-63-0 72
3		Cyclooctane, (1-methylpropyl)-	168 C12H24	016538-89-9 64
4		Cyclohexane, 1,3,5-trimethyl-, (...	126 C9H18	001795-27-3 59
5		1-Aminocyclopropanecarboxylic ac...	212 C11H20N2O2	1000375-50-9 50

 Peak Number 2 Octane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	439.46 ug/l	28705400	Chlorobenzene-d5	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 3-methyl-	128 C9H20	002216-33-3 90
2		Heptane, 2,5-dimethyl-	128 C9H20	002216-30-0 72
3		Heptane, 4-(1-methylethyl)-	142 C10H22	052896-87-4 64
4		Oxalic acid, isobutyl heptyl ester	244 C13H24O4	1000309-37-2 53
5		Oxalic acid, isobutyl octyl ester	258 C14H26O4	1000309-37-3 50

 Peak Number 3 Cyclohexane, 1,2,3-trimethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	257.73 ug/l	16834800	Chlorobenzene-d5	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...	126 C9H18	001678-81-5 96
2		Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0 90
3		Cyclohexane, 1,2,4-trimethyl-	126 C9H18	002234-75-5 87
4		3-Heptene, 2,6-dimethyl-	126 C9H18	002738-18-3 70
5		Cyclohexane, 1,3,5-trimethyl-	126 C9H18	001839-63-0 68

 Peak Number 4 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
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11.55	412.71 ug/l	26958600	Chlorobenzene-d5	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1,3,5-tetramethyl...	140 C10H20	050876-31-8 76
2		Cyclooctane, 1-methyl-3-propyl-	168 C12H24	255885-37-1 53
3		Cyclohexane, 1,2,4-trimethyl-	126 C9H18	002234-75-5 50
4		Cyclohexane, 1,1,3,5-tetramethyl...	140 C10H20	050876-32-9 49
5		3-Octene, 2,2-dimethyl-	140 C10H20	086869-76-3 43

 Peak Number 5 1-Ethyl-4-methylcyclohexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	301.47 ug/l	19692200	Chlorobenzene-d5	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Ethyl-4-methylcyclohexane	126 C9H18	003728-56-1 90
2		Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3 72
3		4-Octen-3-one	126 C8H14O	014129-48-7 64
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	004926-78-7 64
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	006236-88-0 58

 Peak Number 6 unknown11.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	421.32 ug/l	27520900	Chlorobenzene-d5	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Oxalic acid, butyl cyclohexylmet...	242 C13H22O4	1000309-68-2 43
2		9-Octadecene, (E)-	252 C18H36	007206-25-9 38
3		Oxalic acid, di(cyclohexylmethyl...	282 C16H26O4	1000309-68-5 38
4		Cyclopentane, butyl-	126 C9H18	002040-95-1 22
5		Cyclohexane, 1,2,3-trimethyl-	126 C9H18	001678-97-3 22

 Peak Number 7 unknown11.76 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	283.89 ug/l	18544000	Chlorobenzene-d5	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43
3	1-Chloro-4-methylcyclohexane	132	C7H13Cl	000931-68-0	43
4	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	43
5	Formic acid, trans-4-methylcyclo...	142	C8H14O2	1000368-24-5	38

 Peak Number 8 unknown11.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	839.63 ug/l	54844900	Chlorobenzene-d5	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	46
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	43
4			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	43
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	43

 Peak Number 9 Nonane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	402.57 ug/l	26295900	Chlorobenzene-d5	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	80
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
5			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	53

 Peak Number 10 unknown12.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	519.20 ug/l	33914100	Chlorobenzene-d5	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
2			Cyclohexane, methyl-	98	C7H14	000108-87-2	43
3			Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	43

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4 Cyclohexane, 2-propenyl-	124 C9H16	002114-42-3 35
5 2-Nonen-1-ol, (Z)-	142 C9H18O	041453-56-9 35

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1,1,...	10.77	341.5	ug/l	22306300	3	11.27	3266020	50.0
Octane, 3-methyl-	11.21	439.5	ug/l	28705400	3	11.27	3266020	50.0
Cyclohexane, 1,2,...	11.45	257.7	ug/l	16834800	3	11.27	3266020	50.0
Cyclohexane, 1,1,...	11.55	412.7	ug/l	26958600	3	11.27	3266020	50.0
1-Ethyl-4-methylc...	11.60	301.5	ug/l	19692200	3	11.27	3266020	50.0
unknown11.65	11.65	421.3	ug/l	27520900	3	11.27	3266020	50.0
unknown11.76	11.76	283.9	ug/l	18544000	3	11.27	3266020	50.0
unknown11.89	11.89	839.6	ug/l	54844900	3	11.27	3266020	50.0
Nonane, 3-methyl-	12.12	402.6	ug/l	26295900	3	11.27	3266020	50.0
unknown12.22	12.22	519.2	ug/l	33914100	3	11.27	3266020	50.0