

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061218.D
 Acq On : 20 Mar 2019 19:53
 Operator : VA/AP
 Sample : K2004-04
 Misc : 3.63g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19(13-14)

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\82D030719S.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	2.643	119	124	128	rBV3	7614	27359	1.45%	0.192%
2	3.214	178	182	192	rVB2	12836	48228	2.55%	0.338%
3	3.391	194	200	210	rBV	97551	264003	13.98%	1.849%
4	3.814	238	243	252	rBV	58109	166426	8.81%	1.166%
5	4.700	327	333	340	rBV3	13547	46899	2.48%	0.329%
6	5.409	397	405	413	rBV2	18137	59106	3.13%	0.414%
7	6.915	552	558	565	rBV	311230	932424	49.36%	6.532%
8	7.043	565	571	588	rVB	532829	1593398	84.35%	11.162%
9	7.447	607	612	625	rBV	229023	623322	33.00%	4.366%
10	8.214	684	690	701	rBV	723187	1888955	100.00%	13.232%
11	8.658	732	735	740	rVB3	13756	30838	1.63%	0.216%
12	9.543	819	825	831	rBV3	7895	23715	1.26%	0.166%
13	9.721	838	843	847	rBV	23214	63765	3.38%	0.447%
14	10.144	882	886	890	rBV2	8301	21164	1.12%	0.148%
15	10.400	900	912	920	rBV	774532	1766472	93.52%	12.374%
16	10.498	920	922	929	rVB	18943	37817	2.00%	0.265%
17	10.656	931	938	944	rBV	190238	434408	23.00%	3.043%
18	10.912	960	964	971	rVB2	14777	45477	2.41%	0.319%
19	11.237	989	997	1003	rBV3	11460	45926	2.43%	0.322%
20	11.325	1003	1006	1011	rVB2	14205	30248	1.60%	0.212%
21	11.630	1033	1037	1039	rBV	22876	50951	2.70%	0.357%
22	11.827	1053	1057	1061	rBV2	23144	53010	2.81%	0.371%
23	11.896	1061	1064	1069	rVB3	12483	25858	1.37%	0.181%
24	12.054	1077	1080	1082	rBV2	11376	20193	1.07%	0.141%
25	12.113	1082	1086	1090	rVV	43536	84965	4.50%	0.595%
26	12.290	1100	1104	1107	rBV	10688	20034	1.06%	0.140%
27	12.359	1107	1111	1120	rVV	1039467	1654624	87.59%	11.591%
28	12.536	1125	1129	1132	rBV3	13963	32341	1.71%	0.227%
29	12.605	1133	1136	1139	rBV	19298	37637	1.99%	0.264%
30	12.664	1139	1142	1143	rVV3	18635	35184	1.86%	0.246%
31	12.694	1143	1145	1148	rVB	39470	53409	2.83%	0.374%
32	12.743	1148	1150	1154	rVB2	34437	51399	2.72%	0.360%
33	12.920	1165	1168	1172	rVB2	8673	19033	1.01%	0.133%
34	12.989	1172	1175	1179	rBV3	53800	121010	6.41%	0.848%

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35	13.087	1182	1185	1189	rVB	28892	49362	2.61%	0.346%
36	13.304	1201	1207	1213	rBV5	45435	132074	6.99%	0.925%
37	13.393	1214	1216	1220	rVB	14376	23402	1.24%	0.164%
38	13.481	1220	1225	1229	rBV5	50601	115327	6.11%	0.808%
39	13.550	1229	1232	1238	rBV2	614677	965820	51.13%	6.766%
40	13.658	1240	1243	1246	rBV	149654	187809	9.94%	1.316%
41	13.708	1246	1248	1255	rVB	35931	58714	3.11%	0.411%
42	13.816	1255	1259	1263	rBV3	17108	34041	1.80%	0.238%
43	13.914	1263	1269	1271	rBV2	44296	96816	5.13%	0.678%
44	13.964	1271	1274	1277	rVB2	45898	70900	3.75%	0.497%
45	14.072	1281	1285	1287	rBV2	18462	37910	2.01%	0.266%
46	14.160	1291	1294	1296	rBV3	10907	19899	1.05%	0.139%
47	14.200	1296	1298	1301	rVV2	34823	45854	2.43%	0.321%
48	14.249	1301	1303	1308	rVB3	25723	44018	2.33%	0.308%
49	14.318	1308	1310	1313	rBV2	30007	52559	2.78%	0.368%
50	14.436	1319	1322	1324	rVV	30406	48488	2.57%	0.340%
51	14.466	1324	1325	1327	rVB2	23916	20771	1.10%	0.145%
52	14.515	1327	1330	1334	rVB	759814	984721	52.13%	6.898%
53	14.584	1334	1337	1339	rBV	36558	56923	3.01%	0.399%
54	14.800	1357	1359	1365	rVV4	30505	62184	3.29%	0.436%
55	14.889	1365	1368	1371	rVV2	43331	85419	4.52%	0.598%
56	14.938	1371	1373	1377	rVV3	30482	47336	2.51%	0.332%
57	15.017	1377	1381	1386	rVV6	27404	76763	4.06%	0.538%
58	15.115	1389	1391	1395	rVB3	21713	31015	1.64%	0.217%
59	15.233	1398	1403	1405	rVB4	19876	45483	2.41%	0.319%
60	15.283	1405	1408	1409	rBV2	34707	50833	2.69%	0.356%
61	15.312	1409	1411	1416	rVB2	32543	53966	2.86%	0.378%
62	15.421	1419	1422	1425	rBV4	23781	42236	2.24%	0.296%
63	15.686	1446	1449	1452	rVB2	18060	38027	2.01%	0.266%
64	15.736	1452	1454	1457	rVV2	44714	72273	3.83%	0.506%
65	15.804	1457	1461	1463	rVV3	27380	51325	2.72%	0.360%
66	16.070	1486	1488	1492	rVV	34995	46599	2.47%	0.326%
67	16.139	1492	1495	1498	rVV	45369	67968	3.60%	0.476%
68	16.218	1498	1503	1507	rVB6	15942	49192	2.60%	0.345%

Sum of corrected areas: 14275625

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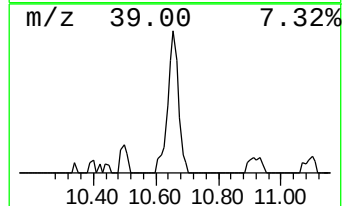
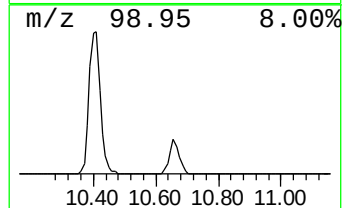
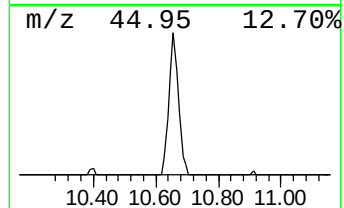
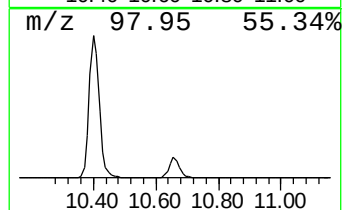
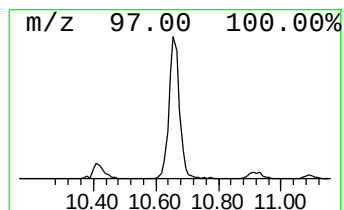
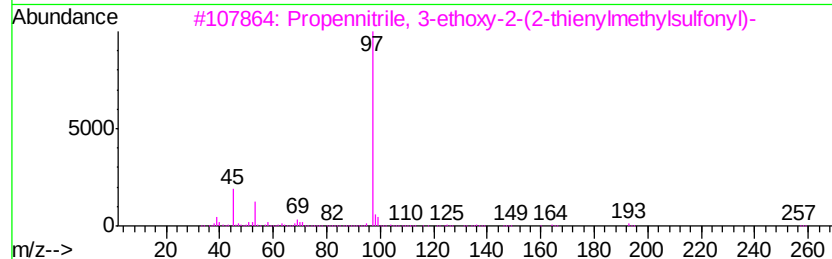
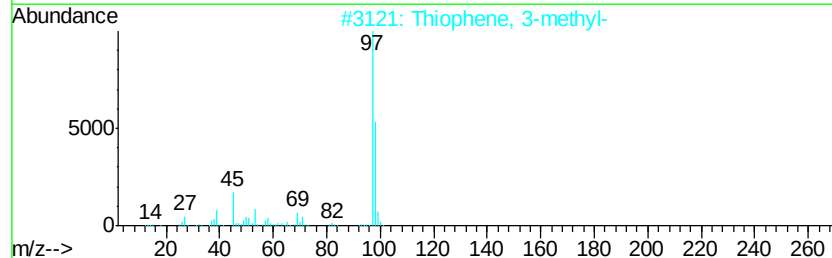
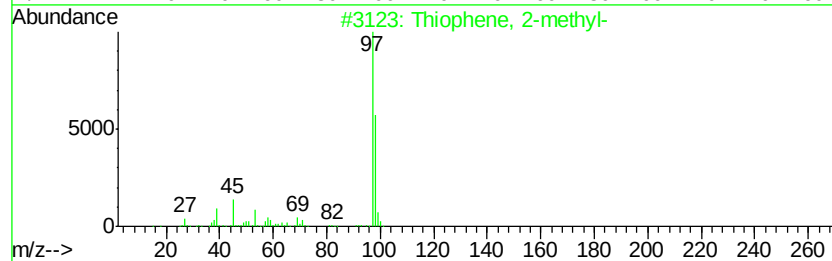
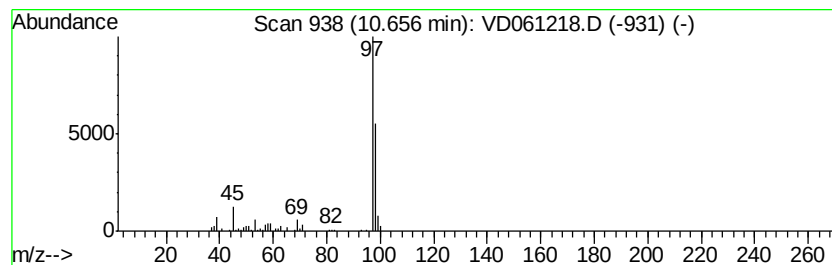
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

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

Peak Number 1 Thiophene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	13.13 ug/l	434408	Chlorobenzene-d5	12.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	95
2		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
3		Propennitrile, 3-ethoxy-2-(2-thi...	257	C10H11N03S2	1000267-97-5	38
4		4-Methyl-2-pyrazolin-5-one	98	C4H6N2O	013315-23-6	25
5		Methanesulfonyl fluoride	98	CH3F02S	000558-25-8	9



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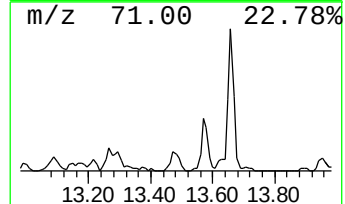
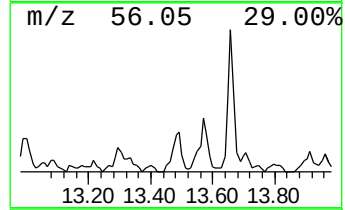
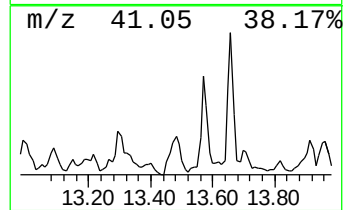
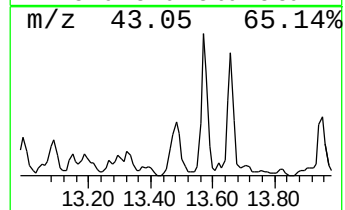
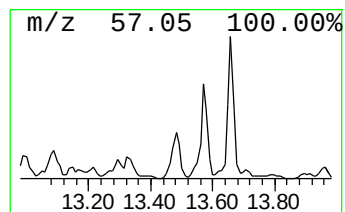
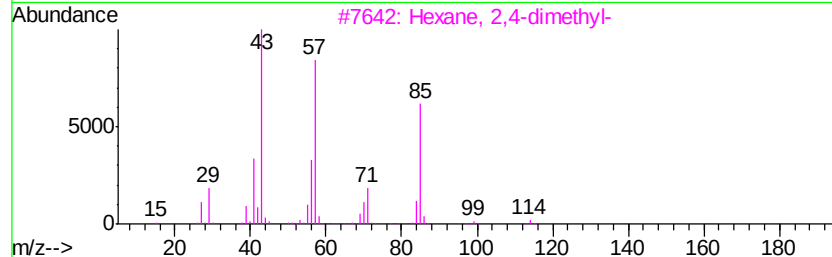
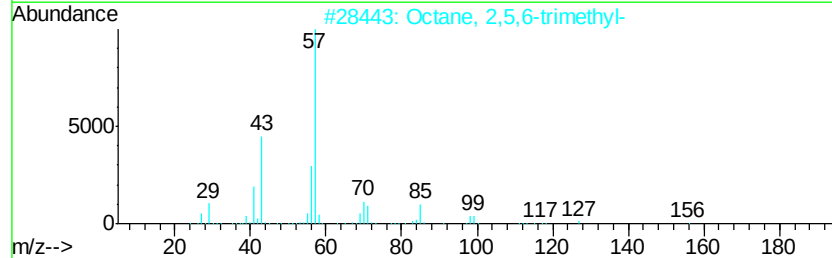
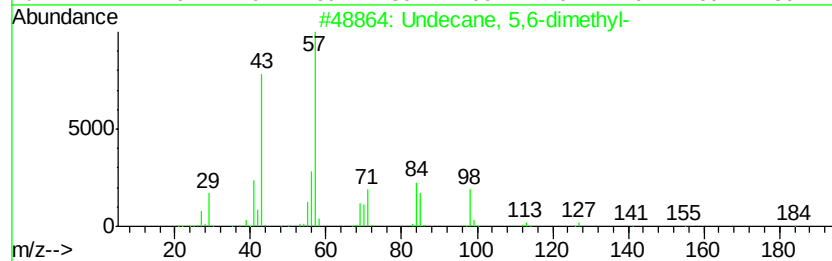
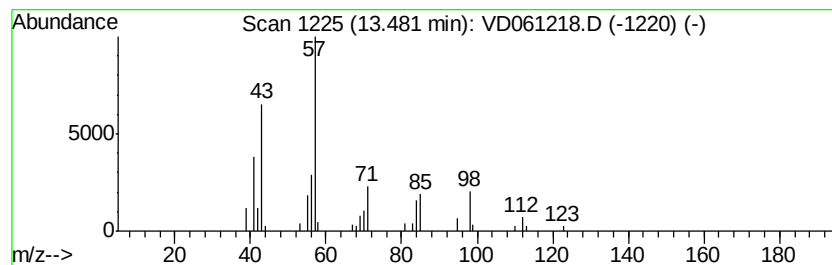
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Peak Number 2 Undecane, 5,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.48	5.86 ug/l	115327	1,4-Dichlorobenzene-d4	14.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
2	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	38
5	Undecane	156	C11H24	001120-21-4	38



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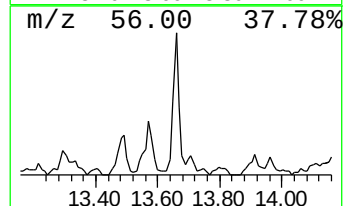
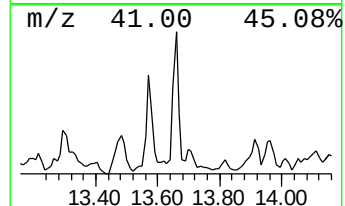
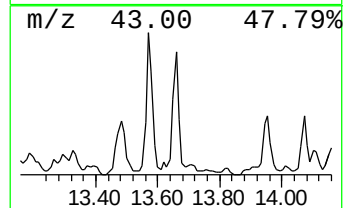
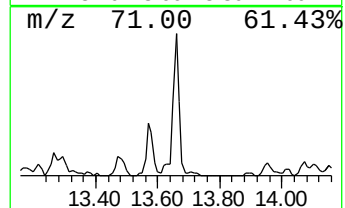
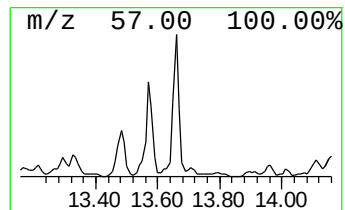
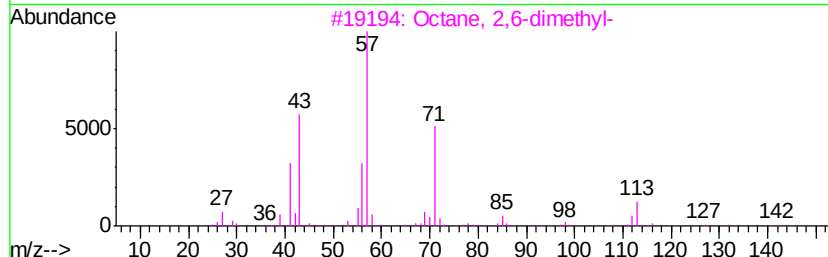
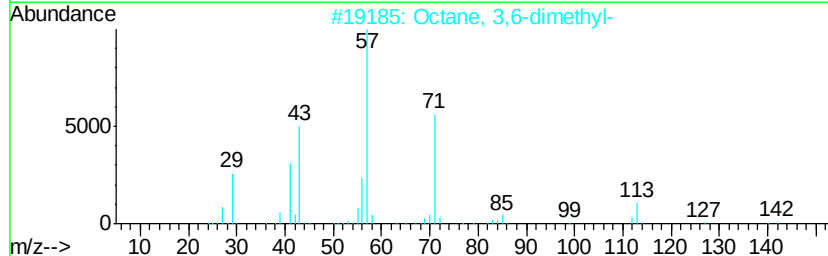
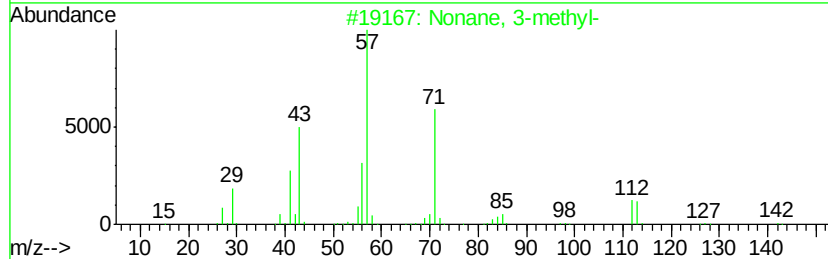
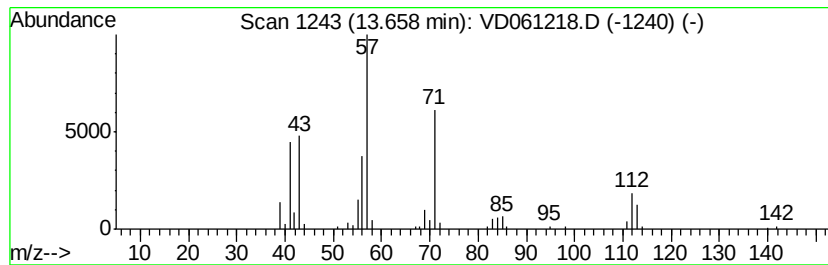
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Peak Number 3 Nonane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	9.54 ug/l	187809	1,4-Dichlorobenzene-d4	14.51
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	81
3	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	80
4	Octane, 3-ethyl-	142 C10H22	005881-17-4	68
5	Sulfurous acid, di(2-ethylhexyl)...	306 C16H34O3S	1000309-19-1	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiophene, 2-methyl-	10.66	13.1	ug/l	434408	3	12.36	1654620	50.0
Undecane, 5,6-dim...	13.48	5.9	ug/l	115327	4	14.51	984721	50.0
Nonane, 3-methyl-	13.66	9.5	ug/l	187809	4	14.51	984721	50.0