

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV051419\
 Data File : VV010925.D
 Acq On : 16 May 2019 10:00
 Operator : SY/MD
 Sample : K2737-01RE
 Misc : 4.43G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB848RE

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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_V\METHOD\SOM2VLM051319S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.319	62	71	82	rBV2	88537	133705	29.42%	3.232%
2	1.573	144	150	159	rVB	45110	52076	11.46%	1.259%
3	1.981	275	277	279	rBV2	1409	780	0.17%	0.019%
4	2.123	312	321	332	rVB	104920	147646	32.48%	3.569%
5	2.196	333	344	351	rBV	96165	202927	44.64%	4.906%
6	2.537	443	450	454	rBV7	1303	1840	0.40%	0.044%
7	2.676	479	493	531	rBV	43701	131880	29.01%	3.188%
8	2.987	585	590	591	rBV4	1094	956	0.21%	0.023%
9	3.258	671	674	677	rVB3	458	279	0.06%	0.007%
10	3.425	722	726	729	rVB3	420	278	0.06%	0.007%
11	3.602	778	781	783	rBV3	345	277	0.06%	0.007%
12	3.659	797	799	803	rVB3	411	289	0.06%	0.007%
13	3.685	803	807	809	rBV2	352	276	0.06%	0.007%
14	3.733	819	822	826	rVB2	415	308	0.07%	0.007%
15	3.933	873	884	901	rVB	12434	28370	6.24%	0.686%
16	4.097	932	935	941	rBV4	532	378	0.08%	0.009%
17	4.126	941	944	945	rBV2	537	360	0.08%	0.009%
18	4.396	1008	1028	1052	rBV2	77021	197497	43.45%	4.774%
19	4.621	1096	1098	1104	rVV5	506	455	0.10%	0.011%
20	4.688	1116	1119	1123	rVB2	323	264	0.06%	0.006%
21	5.010	1216	1219	1227	rVB2	201	316	0.07%	0.008%
22	5.090	1227	1244	1267	rBV2	185780	454541	100.00%	10.988%
23	5.582	1393	1397	1400	rBV3	318	307	0.07%	0.007%
24	5.659	1407	1421	1443	rBV	161527	332200	73.08%	8.031%
25	5.939	1505	1508	1510	rVV3	583	402	0.09%	0.010%
26	5.955	1510	1513	1518	rVB4	1130	1029	0.23%	0.025%
27	5.997	1521	1526	1528	rBV3	616	533	0.12%	0.013%
28	6.013	1528	1531	1535	rVB4	528	547	0.12%	0.013%
29	6.113	1549	1562	1589	rBV	104843	219622	48.32%	5.309%
30	6.209	1589	1592	1596	rVV4	426	350	0.08%	0.008%
31	6.235	1596	1600	1603	rVV4	418	394	0.09%	0.010%
32	6.299	1617	1620	1622	rBV	495	279	0.06%	0.007%
33	6.357	1633	1638	1641	rBV3	491	443	0.10%	0.011%
34	6.585	1703	1709	1713	rBV3	306	367	0.08%	0.009%

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 Title : VOC Analysis

35	6.691	1738	1742	1744	rBV2	469	387	0.09%	0.009%
36	6.714	1747	1749	1754	rVB2	591	375	0.08%	0.009%
37	6.827	1781	1784	1790	rVB2	294	299	0.07%	0.007%
38	6.878	1797	1800	1806	rVB	349	285	0.06%	0.007%
39	7.026	1833	1846	1866	rBV	54512	98849	21.75%	2.390%
40	7.132	1877	1879	1884	rVB3	446	361	0.08%	0.009%
41	7.183	1884	1895	1907	rBV5	4504	10161	2.24%	0.246%
42	7.283	1920	1926	1927	rBV3	1025	793	0.17%	0.019%
43	7.357	1937	1949	1972	rBV	216799	393312	86.53%	9.508%
44	7.662	2031	2044	2063	rBV2	34236	59703	13.13%	1.443%
45	7.846	2098	2101	2104	rBV2	560	442	0.10%	0.011%
46	7.900	2112	2118	2120	rBV4	918	988	0.22%	0.024%
47	7.978	2131	2142	2154	rVB3	2239	4237	0.93%	0.102%
48	8.045	2160	2163	2166	rBV2	414	367	0.08%	0.009%
49	8.129	2180	2189	2204	rBV	45388	80513	17.71%	1.946%
50	8.280	2230	2236	2248	rVV7	1984	3337	0.73%	0.081%
51	8.347	2248	2257	2265	rVV5	1646	2801	0.62%	0.068%
52	8.765	2377	2387	2399	rVB4	1394	2738	0.60%	0.066%
53	8.894	2415	2427	2454	rBV	246455	422896	93.04%	10.223%
54	9.061	2476	2479	2480	rBV2	663	322	0.07%	0.008%
55	9.183	2512	2517	2525	rVB4	985	1440	0.32%	0.035%
56	9.598	2637	2646	2651	rBV6	2931	4956	1.09%	0.120%
57	9.637	2652	2658	2670	rVB2	6232	10061	2.21%	0.243%
58	9.749	2686	2693	2712	rVB5	1272	2986	0.66%	0.072%
59	9.846	2718	2723	2724	rBV2	1533	1038	0.23%	0.025%
60	9.961	2755	2759	2761	rBV2	432	304	0.07%	0.007%
61	10.058	2779	2789	2799	rVB4	2287	4118	0.91%	0.100%
62	10.109	2802	2805	2806	rBV2	454	267	0.06%	0.006%
63	10.135	2807	2813	2827	rVB8	2568	5486	1.21%	0.133%
64	10.187	2827	2829	2838	rVB4	514	538	0.12%	0.013%
65	10.260	2839	2852	2864	rBV	83421	131604	28.95%	3.181%
66	10.370	2881	2886	2888	rBV2	256	290	0.06%	0.007%
67	10.421	2891	2902	2911	rVB4	7379	11521	2.53%	0.279%
68	10.466	2913	2916	2918	rBV3	497	315	0.07%	0.008%
69	10.553	2934	2943	2952	rVB2	2445	3986	0.88%	0.096%
70	10.627	2958	2966	2969	rBV6	1428	1780	0.39%	0.043%
71	10.807	3019	3022	3026	rBV3	962	955	0.21%	0.023%

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72	10.881	3037	3045	3047	rBV4	1156	1445	0.32%	0.035%
73	10.958	3065	3069	3073	rBV3	1152	1166	0.26%	0.028%
74	11.067	3096	3103	3104	rBV2	1186	931	0.20%	0.023%
75	11.193	3135	3142	3151	rBV6	4437	6900	1.52%	0.167%
76	11.293	3162	3173	3190	rBV	251064	400228	88.05%	9.675%
77	11.440	3215	3219	3224	rVV5	759	868	0.19%	0.021%
78	11.466	3224	3227	3238	rVB4	746	1131	0.25%	0.027%
79	11.572	3250	3260	3271	rBV3	34988	57418	12.63%	1.388%
80	11.672	3279	3291	3306	rVB	217069	348116	76.59%	8.415%
81	11.759	3307	3318	3326	rBV7	3818	7656	1.68%	0.185%
82	12.010	3393	3396	3399	rBV2	779	521	0.11%	0.013%
83	12.112	3424	3428	3430	rBV2	545	311	0.07%	0.008%
84	12.154	3438	3441	3444	rBV3	496	320	0.07%	0.008%
85	12.170	3444	3446	3447	rBV2	540	284	0.06%	0.007%
86	12.293	3474	3484	3495	rBV4	7133	14392	3.17%	0.348%
87	12.389	3506	3514	3526	rBV5	13305	19437	4.28%	0.470%
88	12.460	3534	3536	3539	rBV4	655	464	0.10%	0.011%
89	12.511	3548	3552	3560	rBV8	1910	2112	0.46%	0.051%
90	12.717	3606	3616	3627	rBV2	36625	54712	12.04%	1.323%
91	14.514	4169	4175	4187	rVB2	23887	35624	7.84%	0.861%
92	14.701	4230	4233	4236	rBV3	351	273	0.06%	0.007%
93	15.054	4338	4343	4346	rBV3	513	454	0.10%	0.011%
94	15.167	4373	4378	4387	rVB7	1942	2372	0.52%	0.057%
95	15.357	4435	4437	4439	rBV2	574	293	0.06%	0.007%
96	15.643	4522	4526	4527	rBV2	411	261	0.06%	0.006%
97	15.685	4532	4539	4545	rBV6	518	834	0.18%	0.020%
98	16.006	4635	4639	4642	rBV2	423	366	0.08%	0.009%
99	16.379	4753	4755	4760	rVV2	474	374	0.08%	0.009%
100	16.932	4924	4927	4928	rBV3	663	361	0.08%	0.009%

Sum of corrected areas: 4136606

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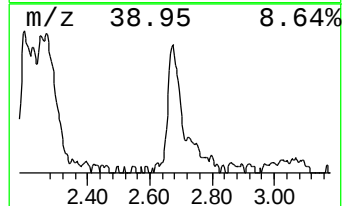
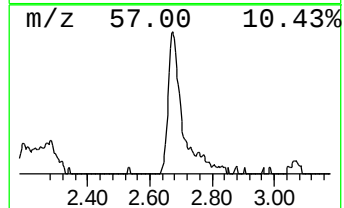
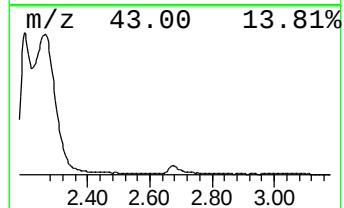
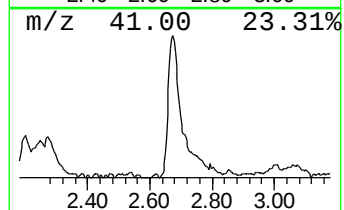
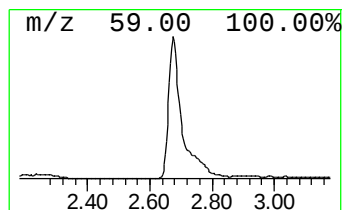
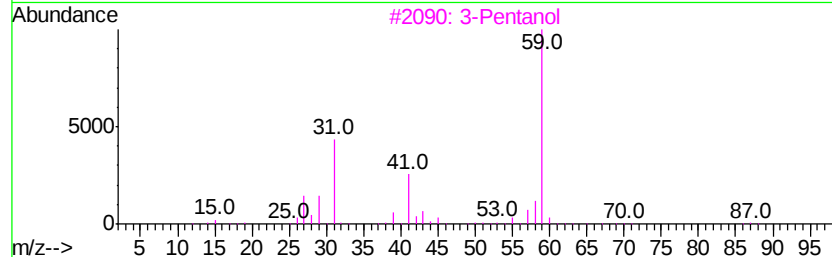
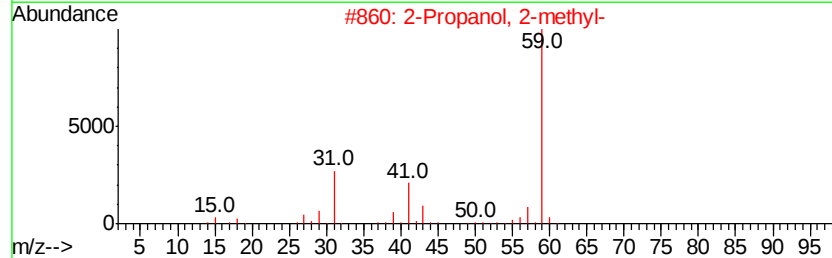
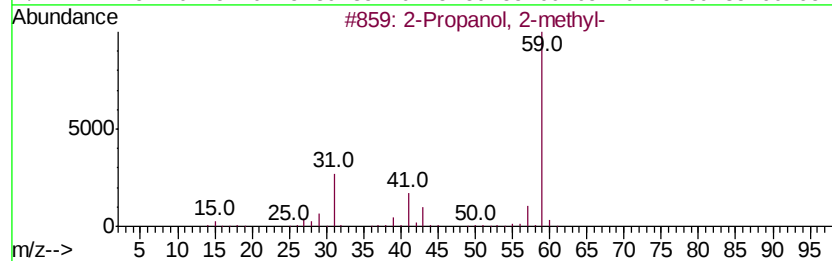
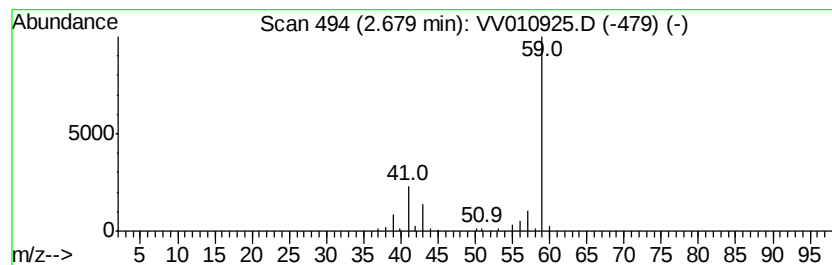
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.68	9.92 ug/L	131880	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
2			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
3			3-Pentanol	88	C5H12O	000584-02-1	56
4			Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	38
5			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9



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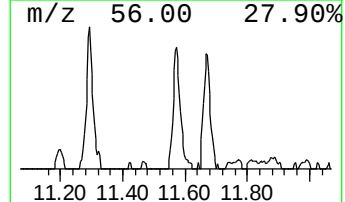
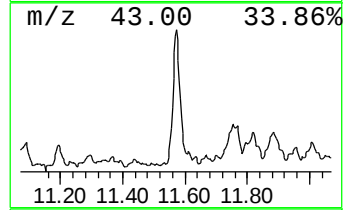
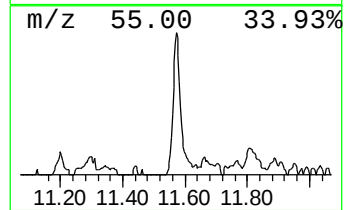
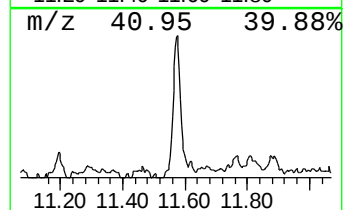
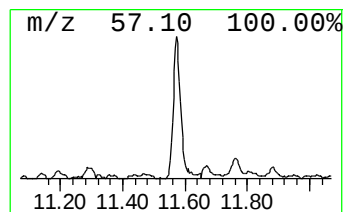
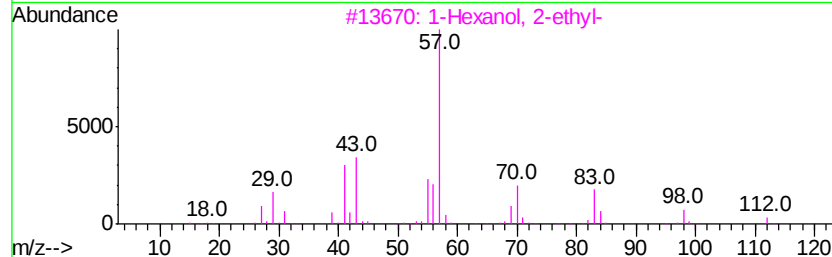
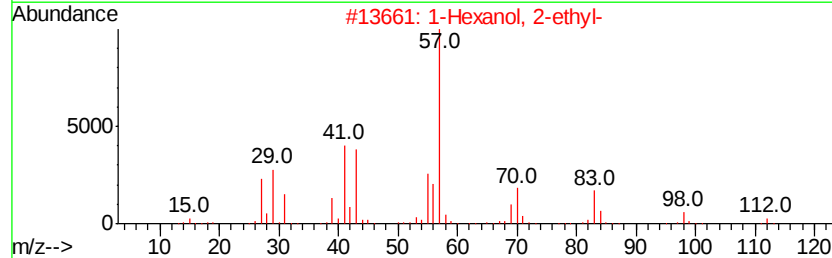
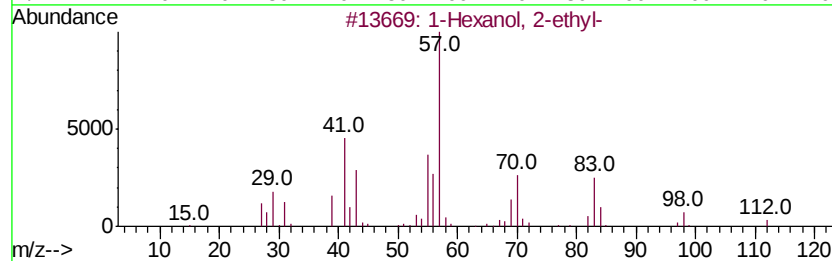
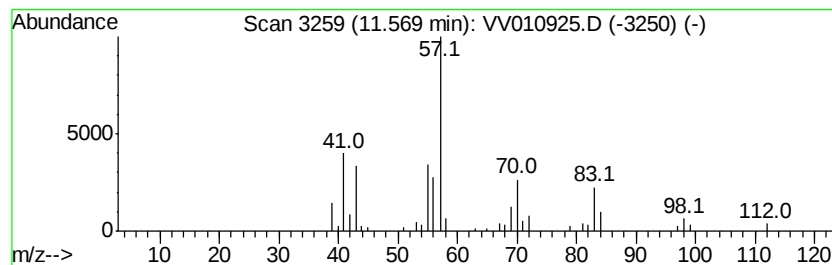
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.59 ug/L	57418	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
4			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56



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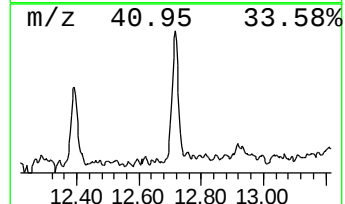
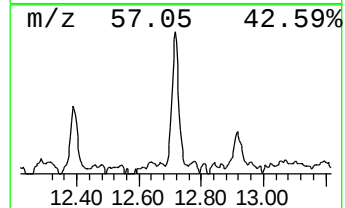
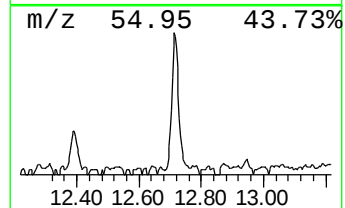
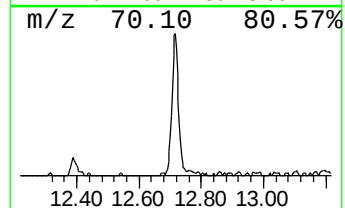
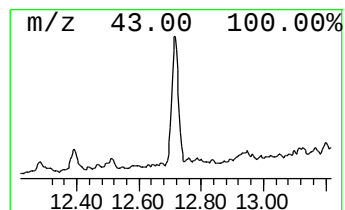
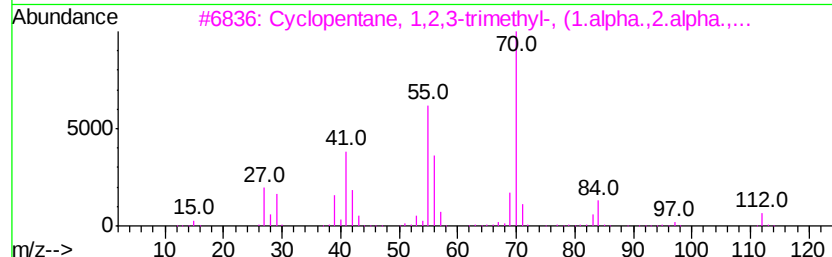
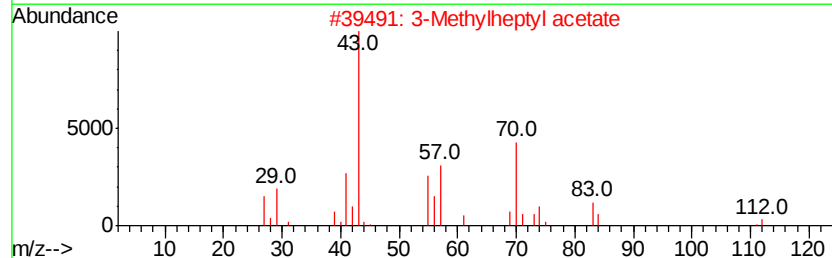
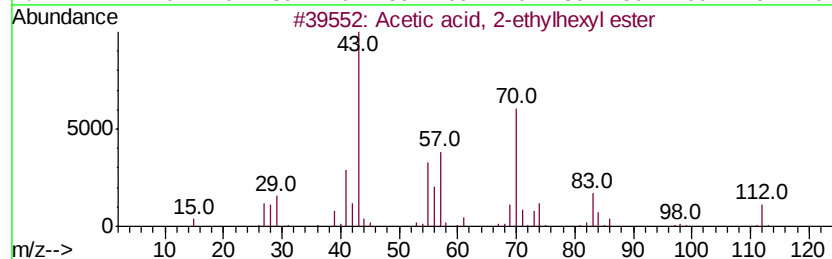
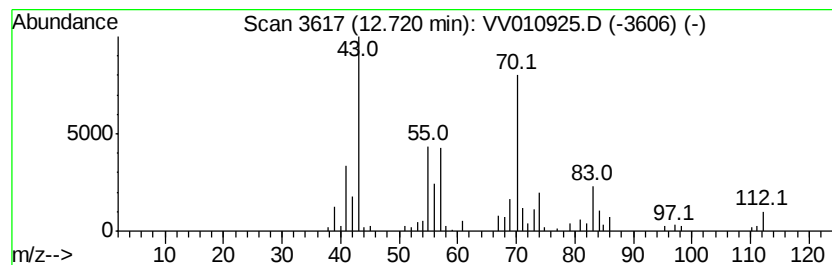
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Quant Title : VOC Analysis

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

Peak Number 4 Acetic acid, 2-ethylhexyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.42 ug/L	54712	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	86
2		3-Methylheptyl acetate	172	C10H20O2	072218-58-7	78
3		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	70
4		2-Decenal, (E)-	154	C10H18O	003913-81-3	64
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	53



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ClientSampleId :
DB848RE

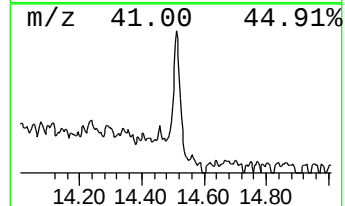
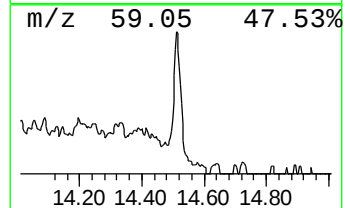
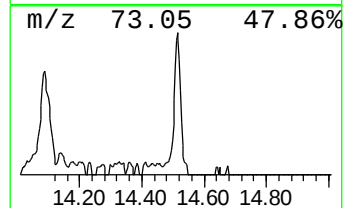
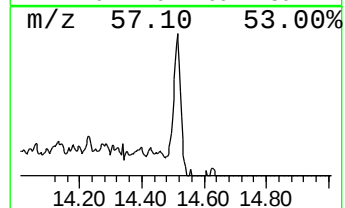
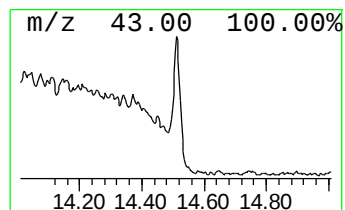
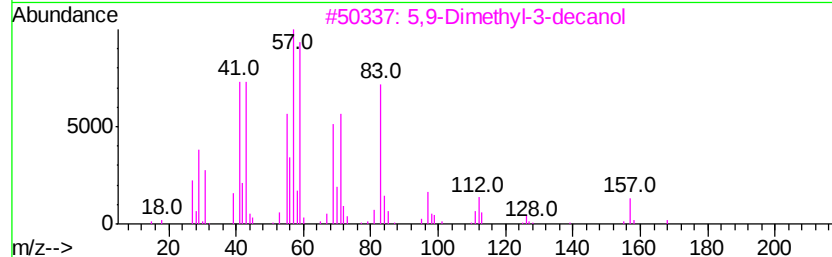
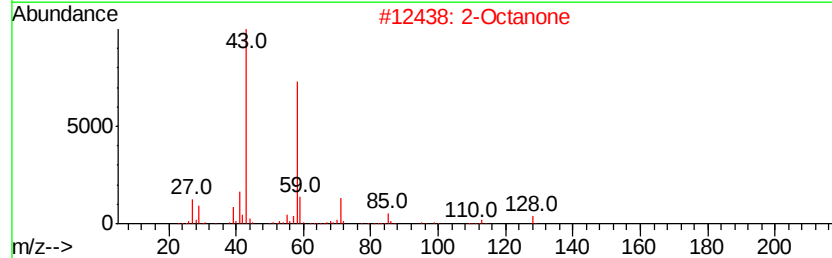
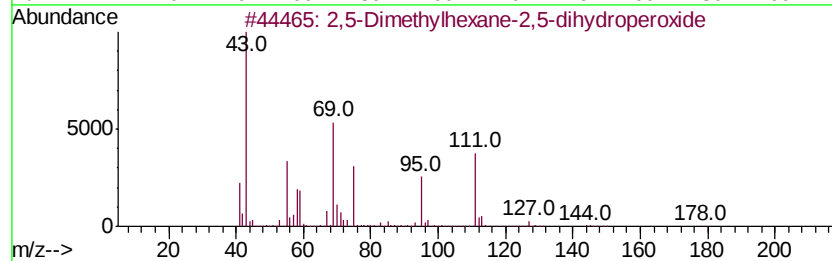
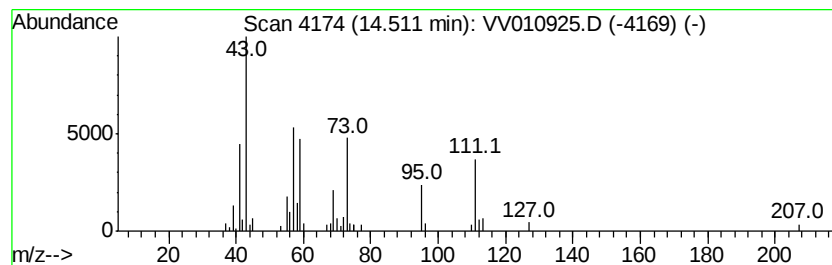
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.23 ug/L	35624	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dimethylhexane-2,5-dihydrope...	178	C8H18O4	003025-88-5	47
2		2-Octanone	128	C8H16O	000111-13-7	9
3		5,9-Dimethyl-3-decanol	186	C12H26O	019550-53-9	9
4		4-Keto-3,3-dimethylhexanoic acid...	186	C10H18O3	1000129-20-1	9
5		2-Octanone	128	C8H16O	000111-13-7	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051419\
Data File : VV010925.D
Acq On : 16 May 2019 10:00
Operator : SY/MD
Sample : K2737-01RE
Misc : 4.43G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB848RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Propanol, 2-met...	2.68	9.9	ug/L	131880	1	5.66	332200	25.0
1-Hexanol, 2-ethyl-	11.57	3.6	ug/L	57418	3	11.30	400228	25.0
Acetic acid, 2-et...	12.72	3.4	ug/L	54712	3	11.30	400228	25.0
unknown-01	14.51	2.2	ug/L	35624	3	11.30	400228	25.0