

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018441.D
 Acq On : 24 Mar 2021 14:42
 Operator : SY/VA
 Sample : M1781-17
 Misc : 6.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.215	45	51	52	rBV4	5827	9838	0.61%	0.072%
2	2.361	69	75	86	rVB	132891	283282	17.53%	2.063%
3	2.891	155	162	176	rVB	110827	282198	17.46%	2.055%
4	3.379	240	242	245	rVV3	706	1014	0.06%	0.007%
5	4.019	334	347	363	rBV2	184795	598377	37.03%	4.358%
6	4.379	395	406	409	rBV3	4900	11195	0.69%	0.082%
7	4.916	483	494	512	rBV4	11120	43614	2.70%	0.318%
8	5.745	625	630	631	rBV5	921	1070	0.07%	0.008%
9	5.946	655	663	671	rVB5	3839	11939	0.74%	0.087%
10	6.245	705	712	713	rBV	617	937	0.06%	0.007%
11	7.074	838	848	871	rBV2	39210	125083	7.74%	0.911%
12	7.433	901	907	909	rBV3	1217	1674	0.10%	0.012%
13	7.555	925	927	930	rVB4	919	959	0.06%	0.007%
14	7.647	932	942	956	rVV	283929	708111	43.82%	5.157%
15	7.927	980	988	997	rVB6	6619	18557	1.15%	0.135%
16	8.031	997	1005	1013	rBV5	3917	10906	0.67%	0.079%
17	8.159	1018	1026	1034	rBV3	8225	19503	1.21%	0.142%
18	8.275	1035	1045	1062	rBV2	548376	1615831	100.00%	11.768%
19	8.409	1065	1067	1071	rVV5	1575	2604	0.16%	0.019%
20	8.476	1072	1078	1090	rVB3	11419	29695	1.84%	0.216%
21	8.695	1106	1114	1121	rBV3	10486	21816	1.35%	0.159%
22	8.842	1127	1138	1147	rBV	578921	1155351	71.50%	8.414%
23	9.067	1172	1175	1176	rBV3	1453	1523	0.09%	0.011%
24	9.140	1184	1187	1193	rVB6	1664	3015	0.19%	0.022%
25	9.274	1200	1209	1216	rBV	358415	735030	45.49%	5.353%
26	9.384	1223	1227	1235	rVB2	13382	23746	1.47%	0.173%
27	9.457	1235	1239	1240	rBV4	1077	1224	0.08%	0.009%
28	9.579	1253	1259	1260	rBV4	2793	3983	0.25%	0.029%
29	9.652	1268	1271	1273	rBV3	1236	1231	0.08%	0.009%
30	9.756	1279	1288	1297	rBV2	16267	36690	2.27%	0.267%
31	9.896	1302	1311	1316	rBV3	23306	48156	2.98%	0.351%
32	9.957	1316	1321	1325	rVV2	32019	62301	3.86%	0.454%
33	10.030	1328	1333	1339	rVV	200645	366296	22.67%	2.668%
34	10.098	1339	1344	1355	rVB	38799	88720	5.49%	0.646%
35	10.250	1359	1369	1373	rBV	18052	33137	2.05%	0.241%
36	10.323	1373	1381	1391	rBV	794381	1404044	86.89%	10.225%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Title : VOC Analysis

37	10.445	1397	1401	1403	rBV5	3201	4198	0.26%	0.031%
38	10.500	1405	1410	1416	rVB	43576	75897	4.70%	0.553%
39	10.579	1416	1423	1433	rVB	128652	230853	14.29%	1.681%
40	10.664	1433	1437	1438	rBV3	2204	2401	0.15%	0.017%
41	10.701	1438	1443	1448	rBV	22078	33596	2.08%	0.245%
42	10.768	1450	1454	1463	rVV6	6264	14033	0.87%	0.102%
43	10.847	1463	1467	1472	rVB4	11604	20579	1.27%	0.150%
44	10.921	1473	1479	1488	rBV	157380	282513	17.48%	2.058%
45	11.036	1493	1498	1507	rVB2	17973	38620	2.39%	0.281%
46	11.103	1507	1509	1513	rBV3	3509	4131	0.26%	0.030%
47	11.177	1518	1521	1525	rVB6	5468	7653	0.47%	0.056%
48	11.231	1526	1530	1534	rVB6	5960	9036	0.56%	0.066%
49	11.341	1543	1548	1551	rBV3	10786	17226	1.07%	0.125%
50	11.408	1551	1559	1570	rVB3	51513	126522	7.83%	0.921%
51	11.512	1570	1576	1583	rBV	43856	71893	4.45%	0.524%
52	11.628	1587	1595	1603	rBV	808957	1389675	86.00%	10.121%
53	11.841	1621	1630	1639	rVV3	44117	101889	6.31%	0.742%
54	11.914	1639	1642	1647	rVB5	5385	8256	0.51%	0.060%
55	12.067	1663	1667	1671	rBV3	6705	10445	0.65%	0.076%
56	12.140	1674	1679	1683	rBV4	11078	18968	1.17%	0.138%
57	12.250	1693	1697	1701	rVB2	12112	18508	1.15%	0.135%
58	12.323	1707	1709	1713	rBV4	3930	5783	0.36%	0.042%
59	12.603	1751	1755	1760	rVB2	48970	81779	5.06%	0.596%
60	12.646	1760	1762	1764	rVV2	12206	14141	0.88%	0.103%
61	12.689	1764	1769	1776	rVB	272239	448985	27.79%	3.270%
62	12.926	1804	1808	1815	rVB3	30612	51760	3.20%	0.377%
63	13.073	1829	1832	1836	rVB5	4960	7368	0.46%	0.054%
64	13.121	1836	1840	1844	rBV6	5278	10157	0.63%	0.074%
65	13.292	1865	1868	1874	rVB4	10394	13543	0.84%	0.099%
66	13.402	1882	1886	1890	rBV7	7147	12494	0.77%	0.091%
67	13.554	1905	1911	1919	rVB	818393	1281368	79.30%	9.332%
68	13.719	1934	1938	1939	rBV3	7454	8957	0.55%	0.065%
69	13.749	1939	1943	1946	rVV	19996	32837	2.03%	0.239%
70	13.792	1946	1950	1953	rVV2	24136	40710	2.52%	0.296%
71	13.853	1953	1960	1967	rVB	644930	1102300	68.22%	8.028%
72	13.944	1973	1975	1980	rVB3	7104	9369	0.58%	0.068%
73	14.018	1982	1987	1988	rBV3	10596	16779	1.04%	0.122%
74	14.200	2012	2017	2022	rBV5	9844	18095	1.12%	0.132%
75	14.322	2034	2037	2044	rVB9	8955	15410	0.95%	0.112%
76	14.389	2044	2048	2049	rBV3	4760	6746	0.42%	0.049%

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Title : VOC Analysis

77	14.456	2056	2059	2062	rVB2	10633	12790	0.79%	0.093%
78	14.499	2062	2066	2069	rBV3	17703	26417	1.63%	0.192%
79	14.639	2085	2089	2092	rVB3	13336	19801	1.23%	0.144%
80	14.725	2092	2103	2108	rVB6	20601	54046	3.34%	0.394%
81	14.786	2108	2113	2118	rBV4	13463	26523	1.64%	0.193%
82	14.847	2120	2123	2129	rVB2	8637	14485	0.90%	0.105%
83	14.981	2141	2145	2148	rBV5	2178	4270	0.26%	0.031%
84	15.060	2154	2158	2171	rVB6	16245	41781	2.59%	0.304%
85	15.176	2171	2177	2184	rVB4	17516	37945	2.35%	0.276%
86	15.322	2196	2201	2204	rBV5	4262	7940	0.49%	0.058%
87	15.468	2221	2225	2228	rBV6	5038	8713	0.54%	0.063%
88	15.548	2235	2238	2247	rVB10	7979	16286	1.01%	0.119%
89	15.657	2249	2256	2262	rBV6	6620	14728	0.91%	0.107%
90	15.767	2271	2274	2275	rBV2	1878	1951	0.12%	0.014%
91	16.011	2312	2314	2319	rVB6	2236	2911	0.18%	0.021%
92	16.170	2338	2340	2343	rVB5	1692	1487	0.09%	0.011%
93	16.206	2344	2346	2349	rVV3	1629	1523	0.09%	0.011%
94	16.426	2380	2382	2385	rBV4	779	917	0.06%	0.007%
95	16.554	2400	2403	2407	rBV5	1041	1583	0.10%	0.012%
96	16.584	2407	2408	2412	rVV4	1077	1274	0.08%	0.009%
97	16.615	2412	2413	2416	rVV3	1112	979	0.06%	0.007%
98	16.682	2422	2424	2427	rVB4	1301	1198	0.07%	0.009%
99	16.718	2427	2430	2435	rBV5	1017	2181	0.13%	0.016%
100	16.755	2435	2436	2440	rBV4	936	1000	0.06%	0.007%

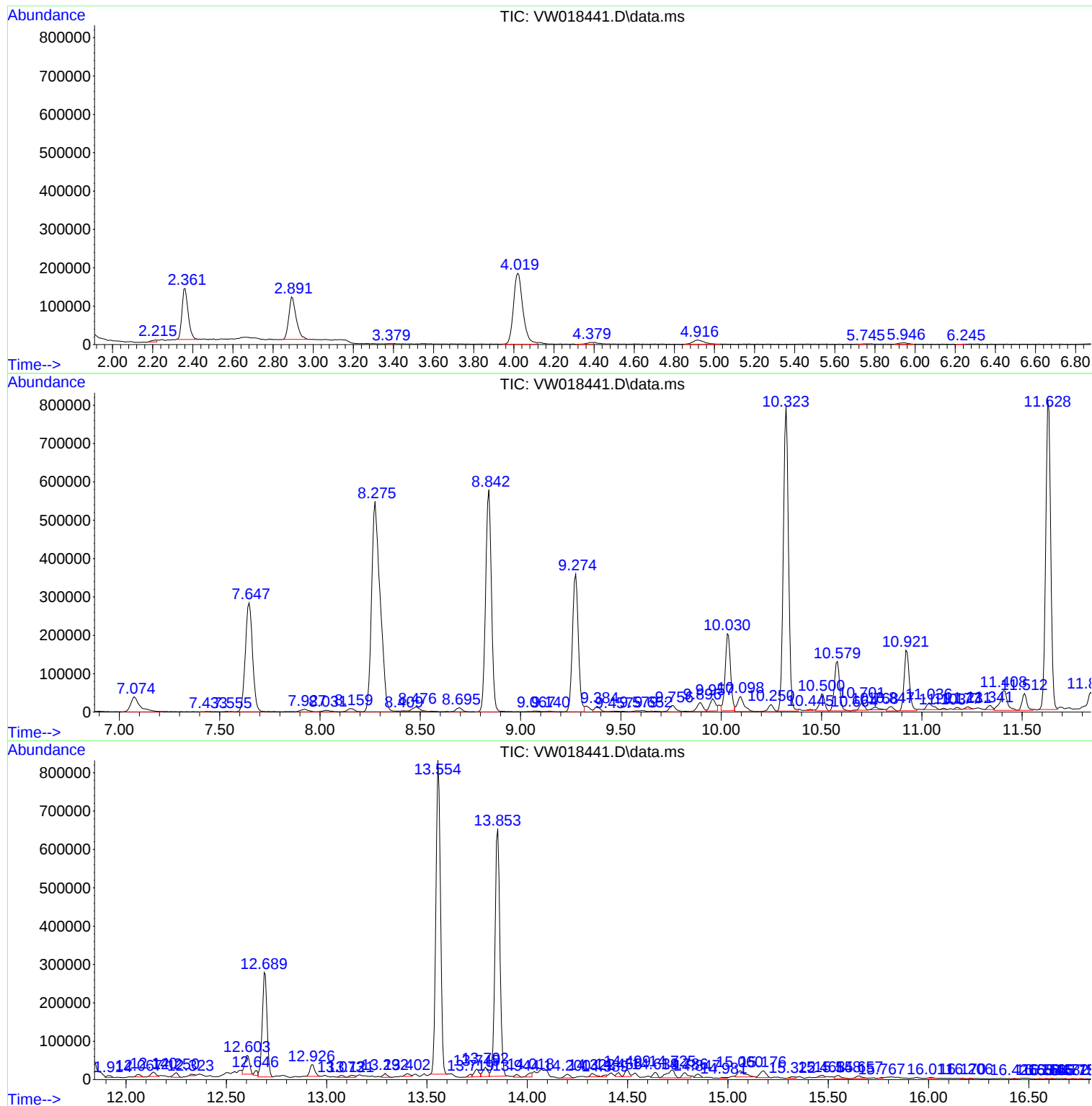
Sum of corrected areas: 13730852

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
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Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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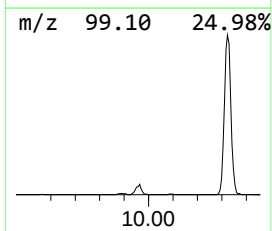
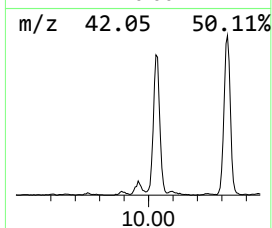
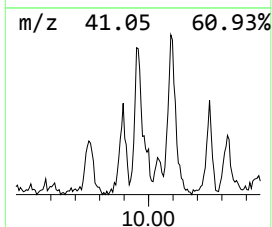
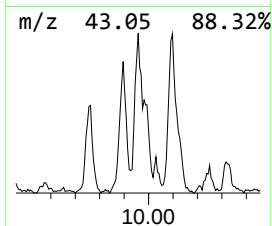
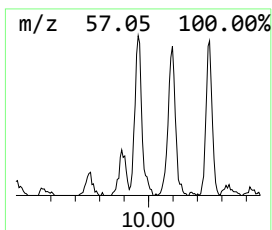
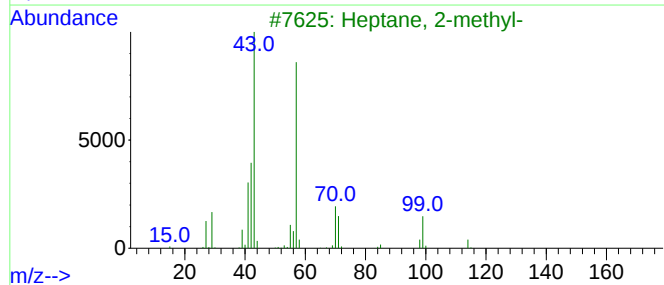
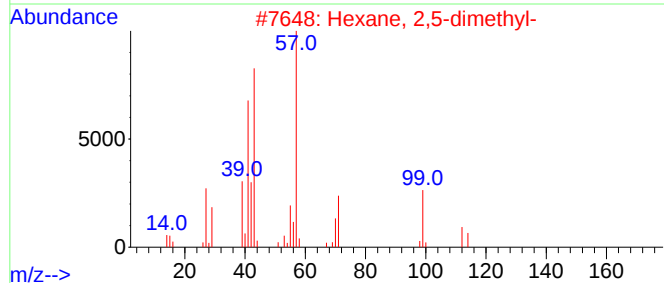
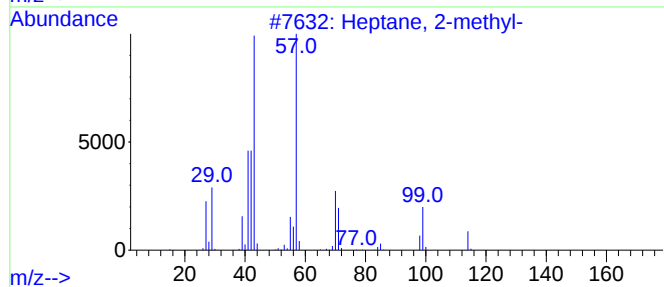
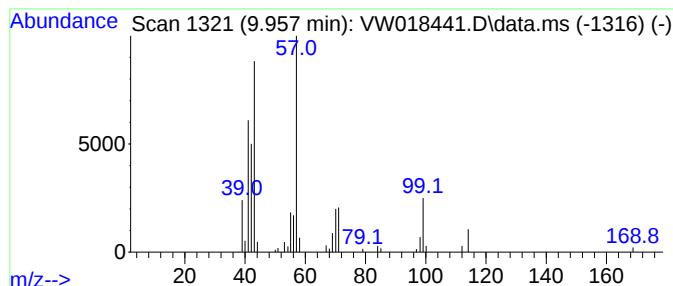
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	1.35 ug/L	62301	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	81
3			Heptane, 2-methyl-	114	C8H18	000592-27-8	80
4			Heptane, 2-methyl-	114	C8H18	000592-27-8	72
5			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	49



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Instrument :
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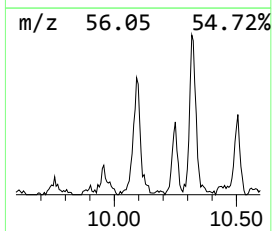
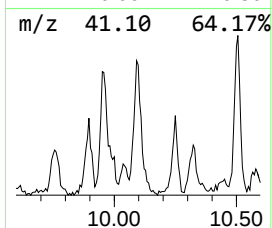
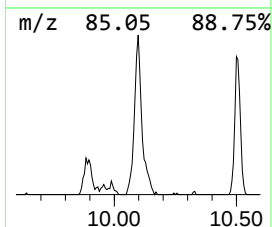
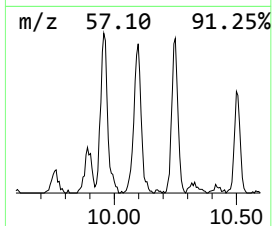
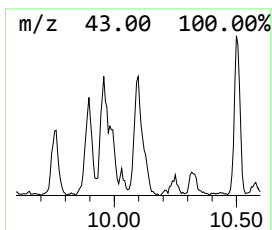
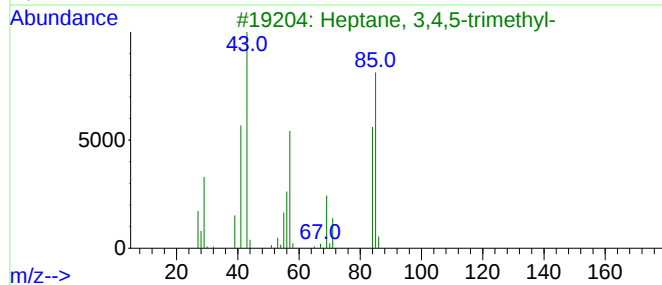
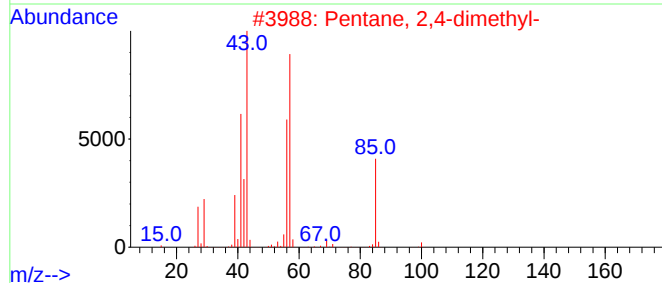
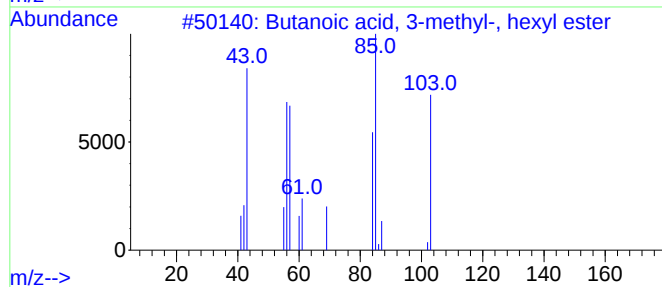
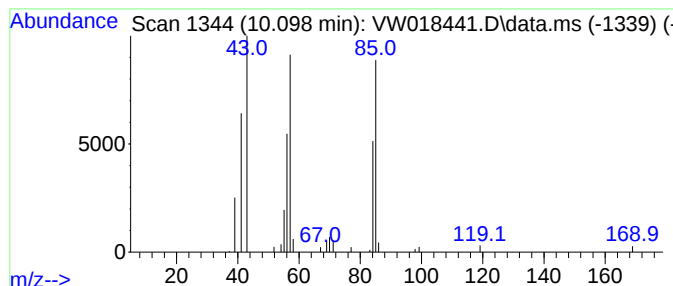
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 3 Butanoic acid, 3-methyl-, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	1.92 ug/L	88720	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-methyl-, hexyl ...	186	C11H22O2	010032-13-0	78
2			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	59
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	56
4			Hexyl n-valerate	186	C11H22O2	001117-59-5	56
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53



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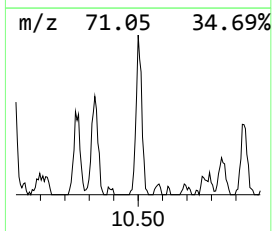
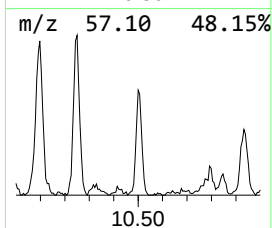
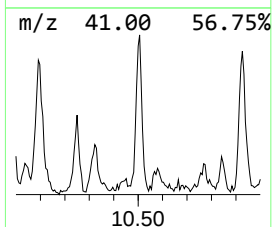
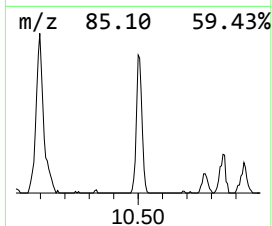
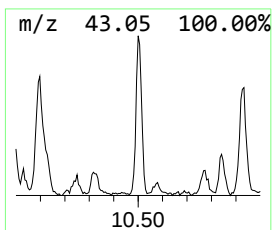
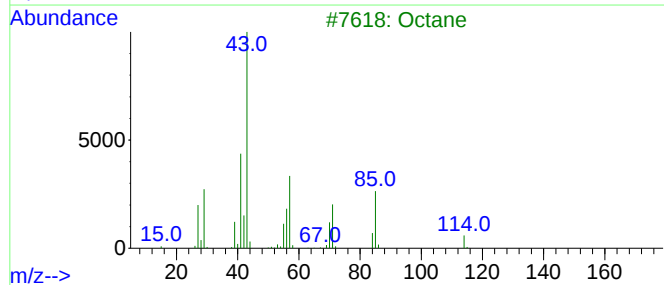
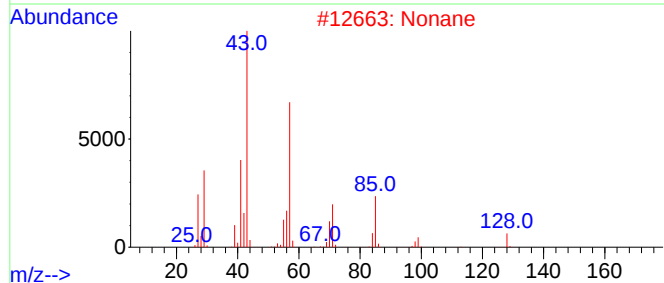
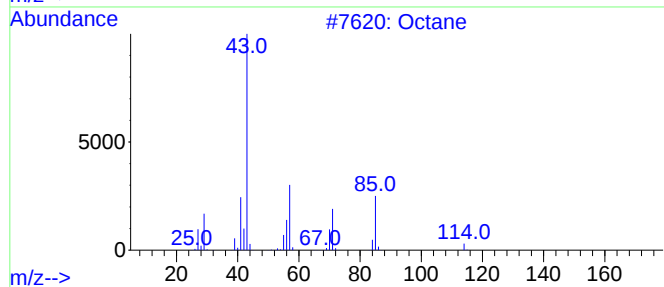
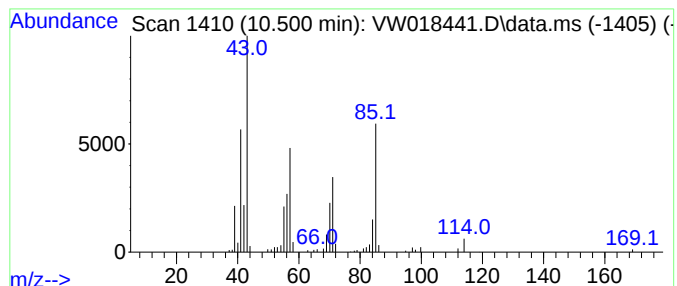
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	1.37 ug/L	75897	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	87
2			Nonane	128	C9H20	000111-84-2	78
3			Octane	114	C8H18	000111-65-9	72
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5			Nonane	128	C9H20	000111-84-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
Data File : VW018441.D
Acq On : 24 Mar 2021 14:42
Operator : SY/VA
Sample : M1781-17
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4S2

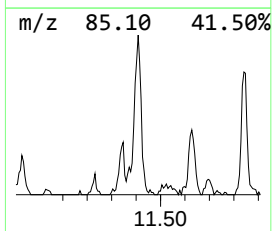
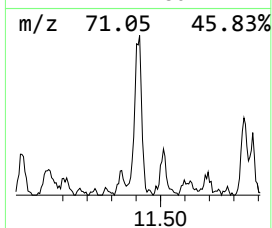
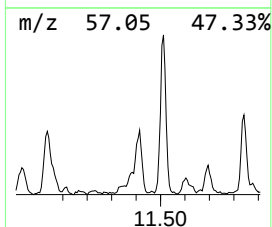
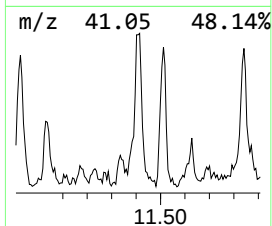
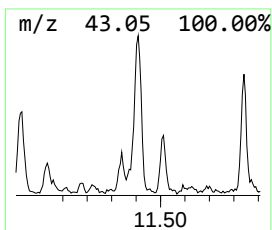
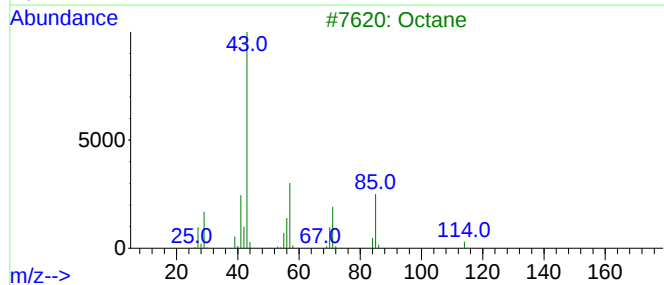
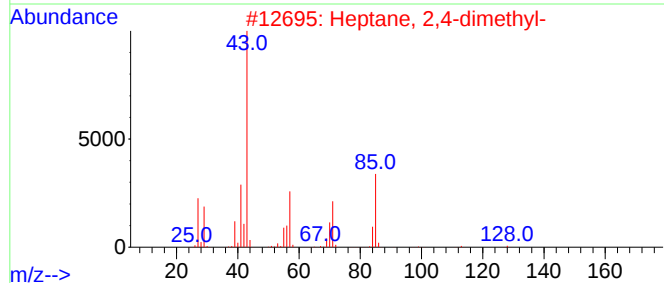
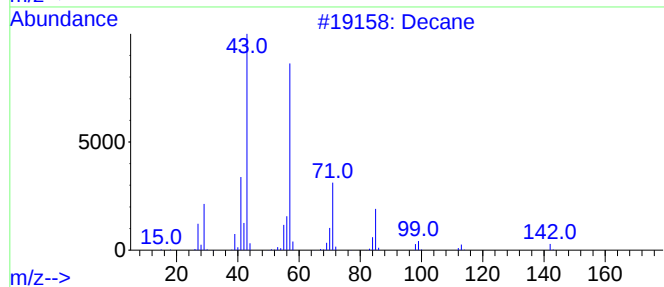
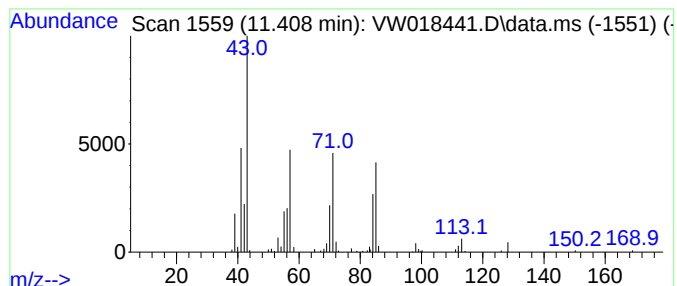
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	2.28 ug/L	126522	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	72
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3			Octane	114	C8H18	000111-65-9	59
4			Octane, 4-methyl-	128	C9H20	002216-34-4	58
5			Octane, 4-methyl-	128	C9H20	002216-34-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
Data File : VW018441.D
Acq On : 24 Mar 2021 14:42
Operator : SY/VA
Sample : M1781-17
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4S2

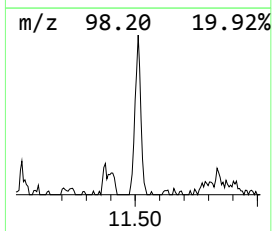
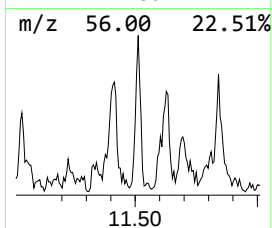
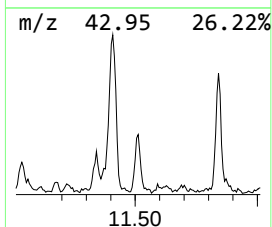
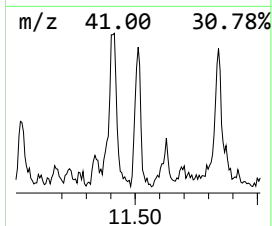
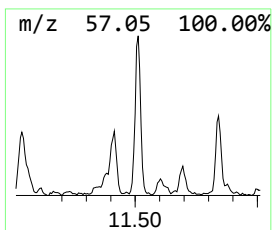
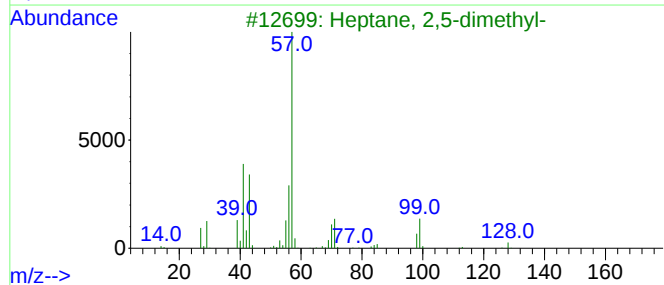
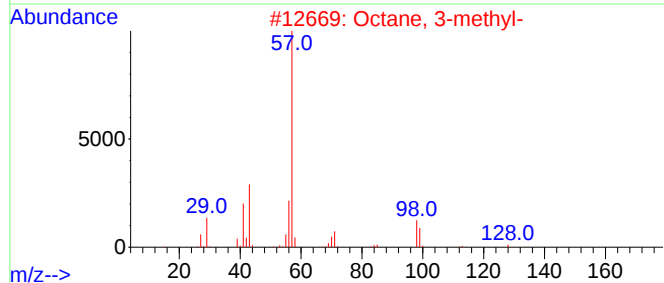
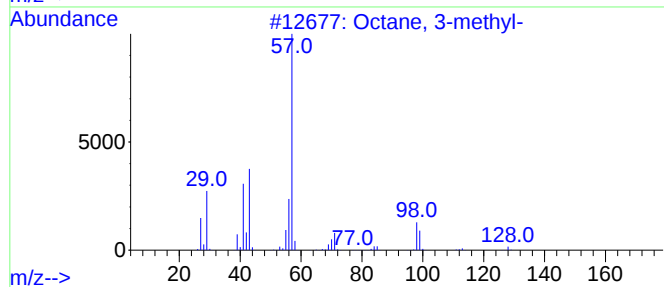
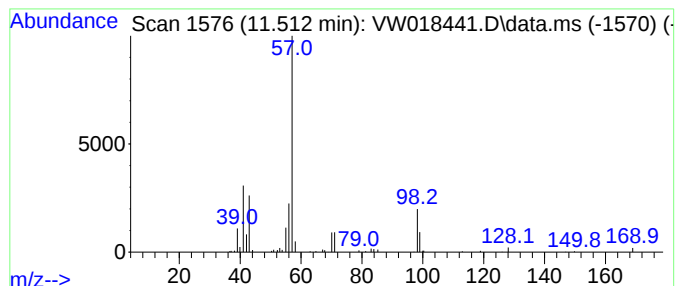
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	1.29 ug/L	71893	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-			128	C9H20	002216-33-3	86
2	Octane, 3-methyl-			128	C9H20	002216-33-3	83
3	Heptane, 2,5-dimethyl-			128	C9H20	002216-30-0	62
4	Undecane, 6-methyl-			170	C12H26	017302-33-9	59
5	Heptane, 4-(1-methylethyl)-			142	C10H22	052896-87-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
Data File : VW018441.D
Acq On : 24 Mar 2021 14:42
Operator : SY/VA
Sample : M1781-17
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4S2

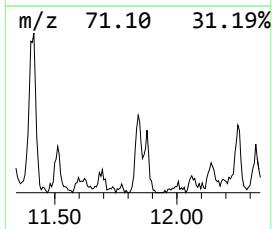
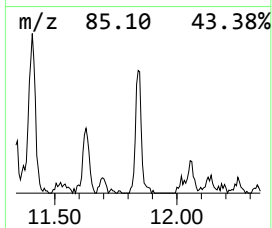
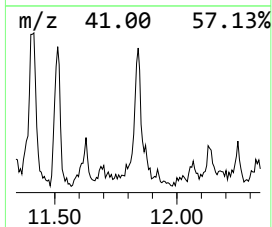
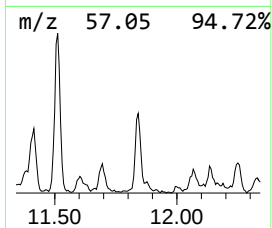
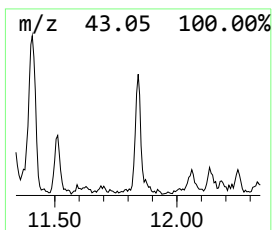
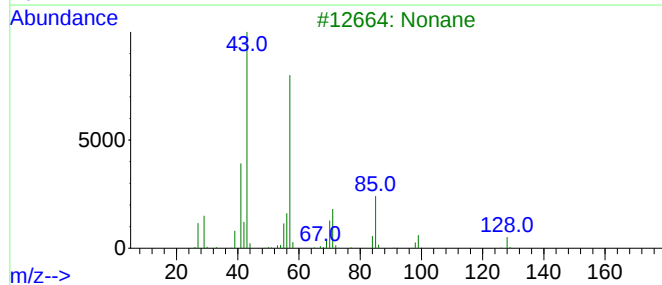
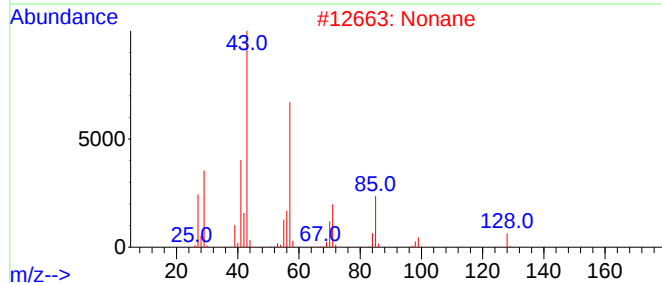
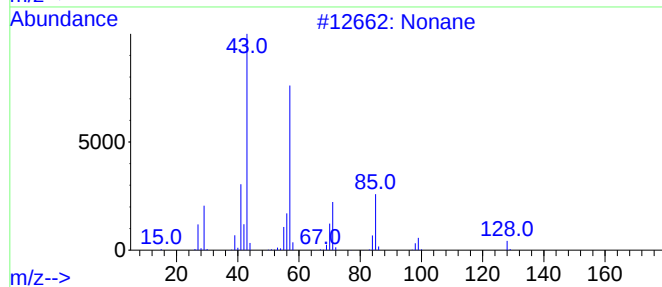
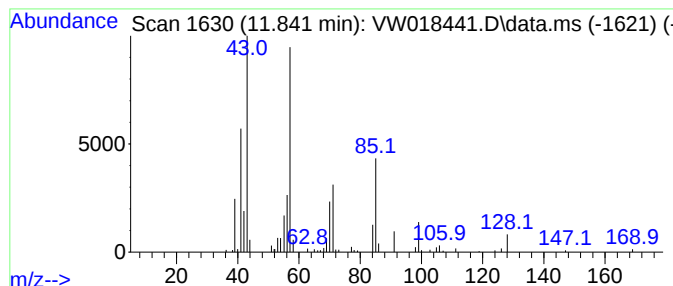
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	1.83 ug/L	101889	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	90
2			Nonane	128	C9H20	000111-84-2	90
3			Nonane	128	C9H20	000111-84-2	74
4			Octane	114	C8H18	000111-65-9	59
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
Data File : VW018441.D
Acq On : 24 Mar 2021 14:42
Operator : SY/VA
Sample : M1781-17
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4S2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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
(DEL) Alkane: S...	9.957	1.4	ug/L	62301	1	8.842	1155350	25.0
Butanoic acid, ...	10.098	1.9	ug/L	88720	1	8.842	1155350	25.0
(DEL) Alkane: S...	10.500	1.4	ug/L	75897	2	11.628	1389680	25.0
(DEL) Alkane: S...	11.408	2.3	ug/L	126522	2	11.628	1389680	25.0
(DEL) Alkane: S...	11.512	1.3	ug/L	71893	2	11.628	1389680	25.0
(DEL) Alkane: S...	11.841	1.8	ug/L	101889	2	11.628	1389680	25.0