

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102818\
 Data File : VW006405.D
 Acq On : 26 Oct 2018 14:23
 Operator : SY/AP
 Sample : J5635-24
 Misc : 4.79G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

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_W\METHOD\SOM2WLM100918S.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	1.953	5	8	20	rVB4	5727	12192	0.40%	0.059%
2	2.148	36	40	42	rBV3	1177	1688	0.06%	0.008%
3	2.355	65	74	88	rBV	45116	109337	3.61%	0.525%
4	2.812	146	149	154	rVV2	1915	3323	0.11%	0.016%
5	2.898	155	163	177	rVB	42153	114836	3.79%	0.552%
6	3.855	312	320	324	rBV6	1046	3057	0.10%	0.015%
7	4.007	334	345	357	rBV2	86541	265369	8.77%	1.275%
8	4.135	358	366	377	rVV2	29070	85777	2.83%	0.412%
9	4.379	398	406	413	rBV	3008	9205	0.30%	0.044%
10	4.909	482	493	506	rBV4	3920	13246	0.44%	0.064%
11	5.214	537	543	550	rVB3	722	1925	0.06%	0.009%
12	5.934	655	661	669	rVB5	2283	6388	0.21%	0.031%
13	7.086	840	850	856	rBV	30427	84459	2.79%	0.406%
14	7.153	856	861	875	rVB3	12420	40750	1.35%	0.196%
15	7.647	931	942	955	rBV	144730	354669	11.71%	1.703%
16	8.275	1027	1045	1067	rVV2	270955	836592	27.63%	4.018%
17	8.433	1067	1071	1079	rVB3	1172	2248	0.07%	0.011%
18	8.634	1084	1104	1108	rBV3	5113	19640	0.65%	0.094%
19	8.689	1108	1113	1122	rVV3	4426	12145	0.40%	0.058%
20	8.768	1122	1126	1130	rVB5	1139	2132	0.07%	0.010%
21	8.842	1130	1138	1147	rBV	331179	647141	21.37%	3.108%
22	9.073	1168	1176	1183	rBV2	6505	13707	0.45%	0.066%
23	9.274	1200	1209	1233	rBV	189581	409722	13.53%	1.968%
24	9.500	1242	1246	1251	rBV6	1038	1909	0.06%	0.009%
25	9.659	1270	1272	1274	rBV3	1002	1218	0.04%	0.006%
26	9.787	1274	1293	1297	rBV6	6527	28870	0.95%	0.139%
27	10.036	1318	1334	1342	rBV	96720	193812	6.40%	0.931%
28	10.213	1355	1363	1366	rBV6	1513	3757	0.12%	0.018%
29	10.323	1374	1381	1389	rBV	339838	607638	20.07%	2.918%
30	10.396	1389	1393	1398	rVV4	9433	17838	0.59%	0.086%
31	10.512	1408	1412	1417	rVB4	8762	15165	0.50%	0.073%
32	10.579	1417	1423	1435	rVB	62081	110903	3.66%	0.533%
33	10.695	1439	1442	1449	rVB2	3941	7556	0.25%	0.036%
34	10.786	1450	1457	1463	rBV7	2868	9519	0.31%	0.046%

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35	10.927	1473	1480	1491	rBV	122190	206483	6.82%	0.992%
36	11.109	1507	1510	1516	rVB5	1172	1602	0.05%	0.008%
37	11.183	1516	1522	1526	rVV6	3863	6035	0.20%	0.029%
38	11.231	1526	1530	1535	rVV2	3543	5417	0.18%	0.026%
39	11.298	1535	1541	1544	rVV5	1112	2006	0.07%	0.010%
40	11.341	1544	1548	1553	rVV4	2377	4573	0.15%	0.022%
41	11.408	1553	1559	1570	rVB5	5108	15679	0.52%	0.075%
42	11.518	1572	1577	1581	rBV2	4477	7714	0.25%	0.037%
43	11.634	1588	1596	1602	rBV	359578	598793	19.78%	2.876%
44	11.847	1623	1631	1634	rBV3	15972	26127	0.86%	0.125%
45	12.067	1660	1667	1673	rBV6	2234	4103	0.14%	0.020%
46	12.140	1673	1679	1690	rVB6	5100	17762	0.59%	0.085%
47	12.256	1690	1698	1704	rVB4	6814	11891	0.39%	0.057%
48	12.341	1704	1712	1713	rBV5	5151	9031	0.30%	0.043%
49	12.365	1714	1716	1724	rVB4	6162	10581	0.35%	0.051%
50	12.475	1727	1734	1743	rBV	41934	81218	2.68%	0.390%
51	12.548	1743	1746	1747	rBV3	2457	2525	0.08%	0.012%
52	12.597	1748	1754	1761	rVB2	36654	82056	2.71%	0.394%
53	12.658	1761	1764	1765	rBV	2601	2787	0.09%	0.013%
54	12.695	1765	1770	1776	rVB	123807	206511	6.82%	0.992%
55	12.768	1776	1782	1791	rVB4	18704	57810	1.91%	0.278%
56	12.896	1791	1803	1806	rBV	38232	75047	2.48%	0.360%
57	12.938	1806	1810	1820	rVB5	55752	135480	4.47%	0.651%
58	13.091	1831	1835	1839	rBV2	12372	22804	0.75%	0.110%
59	13.201	1839	1853	1862	rVB	170321	353643	11.68%	1.699%
60	13.310	1865	1871	1876	rBV	67116	104060	3.44%	0.500%
61	13.414	1879	1888	1893	rBV	436157	765630	25.29%	3.677%
62	13.524	1897	1906	1909	rBV3	68829	184047	6.08%	0.884%
63	13.572	1909	1914	1916	rBV2	225915	424610	14.02%	2.039%
64	13.609	1916	1920	1930	rVB	536790	1241118	40.99%	5.961%
65	13.719	1930	1938	1940	rBV2	24955	52802	1.74%	0.254%
66	13.774	1940	1947	1955	rBV2	210144	432520	14.29%	2.077%
67	13.859	1955	1961	1962	rBV3	124807	183619	6.06%	0.882%
68	13.957	1972	1977	1982	rVB3	75750	152998	5.05%	0.735%
69	14.042	1988	1991	1993	rBV2	18793	24623	0.81%	0.118%
70	14.085	1993	1998	2000	rVV2	77117	131584	4.35%	0.632%
71	14.121	2000	2004	2013	rVB3	131097	299211	9.88%	1.437%

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72	14.200	2013	2017	2021	rBV4	19065	35786	1.18%	0.172%
73	14.267	2022	2028	2029	rBV2	47749	74764	2.47%	0.359%
74	14.402	2045	2050	2051	rBV4	15027	22643	0.75%	0.109%
75	14.432	2051	2055	2058	rVV4	25035	39649	1.31%	0.190%
76	14.511	2063	2068	2077	rVB2	246906	506090	16.72%	2.431%
77	14.658	2086	2092	2096	rBV3	71369	130344	4.31%	0.626%
78	14.731	2100	2104	2109	rBV	164935	223065	7.37%	1.071%
79	14.847	2120	2123	2131	rVB3	22614	46525	1.54%	0.223%
80	14.938	2134	2138	2142	rVV4	10824	17052	0.56%	0.082%
81	14.981	2142	2145	2149	rVB2	10242	15295	0.51%	0.073%
82	15.078	2157	2161	2163	rVB4	4596	5706	0.19%	0.027%
83	15.139	2164	2171	2176	rBV2	54263	99784	3.30%	0.479%
84	15.261	2187	2191	2199	rVB2	8942	21513	0.71%	0.103%
85	15.340	2200	2204	2212	rVB3	18033	36980	1.22%	0.178%
86	15.420	2212	2217	2222	rBV2	21686	38643	1.28%	0.186%
87	15.511	2227	2232	2236	rBV3	8275	15164	0.50%	0.073%
88	15.566	2236	2241	2247	rBV3	30844	57664	1.90%	0.277%
89	15.639	2247	2253	2258	rBV5	14674	32385	1.07%	0.156%
90	15.724	2258	2267	2273	rBV4	48506	122476	4.05%	0.588%
91	15.865	2279	2290	2293	rBV2	70257	150144	4.96%	0.721%
92	15.901	2293	2296	2303	rVB	53452	105324	3.48%	0.506%
93	16.011	2303	2314	2318	rBV5	72999	216566	7.15%	1.040%
94	16.054	2318	2321	2326	rVB2	45191	65260	2.16%	0.313%
95	16.109	2326	2330	2334	rVB2	12042	18035	0.60%	0.087%
96	16.188	2334	2343	2346	rBV	976484	1789866	59.12%	8.597%
97	16.230	2346	2350	2357	rVB	1752424	3027598	100.00%	14.541%
98	16.426	2374	2382	2390	rBV	1456603	2706535	89.40%	12.999%
99	16.511	2390	2396	2404	rVV	600100	1092234	36.08%	5.246%
100	16.615	2407	2413	2423	rVB	58251	115475	3.81%	0.555%

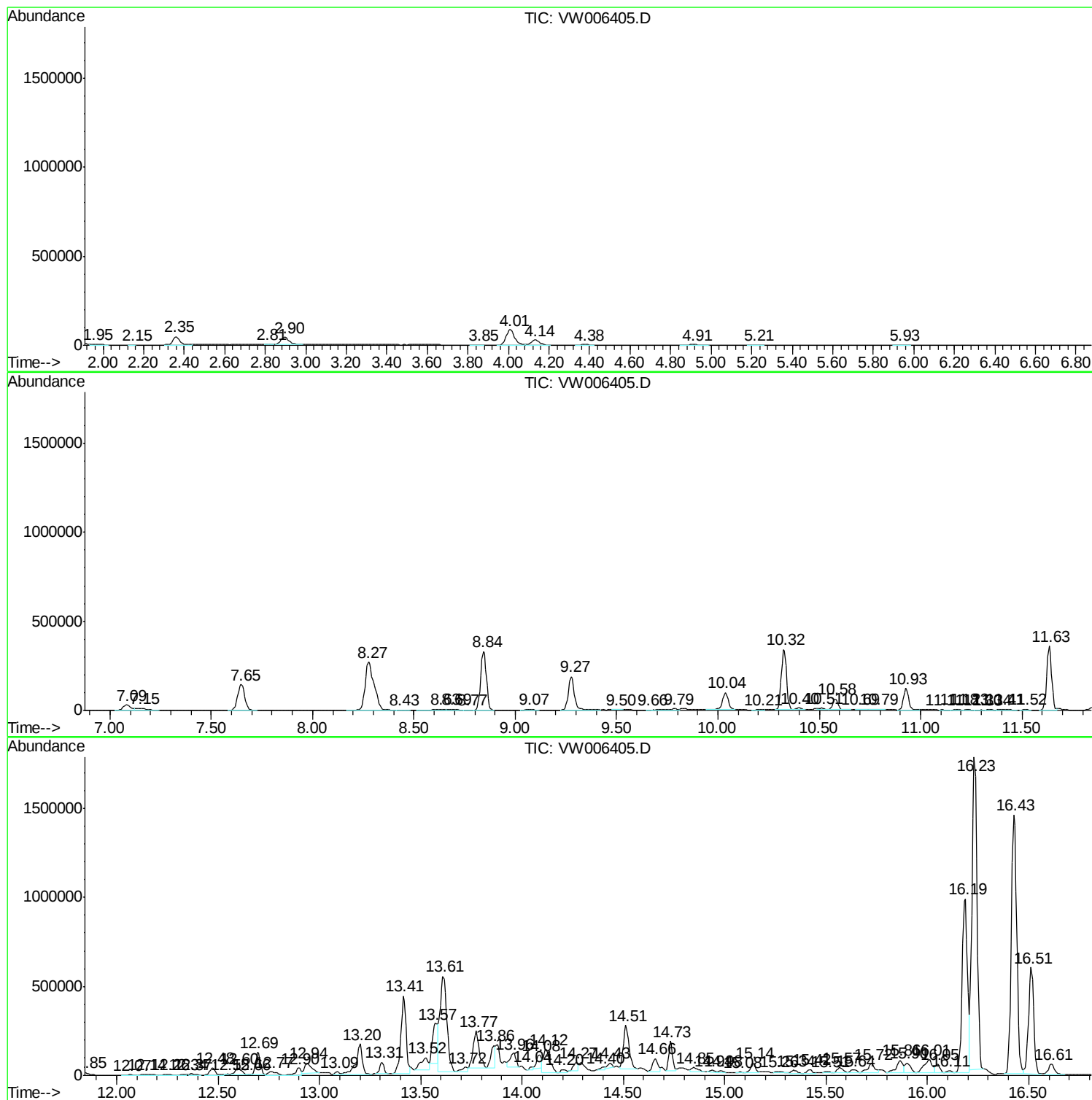
Sum of corrected areas: 20820798

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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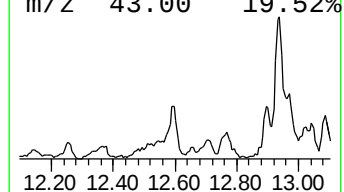
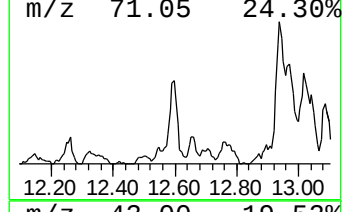
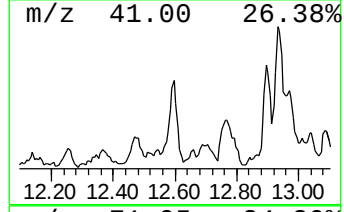
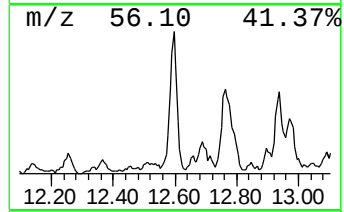
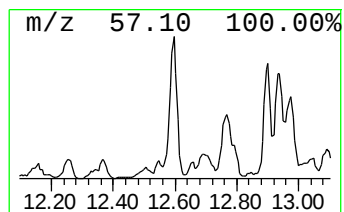
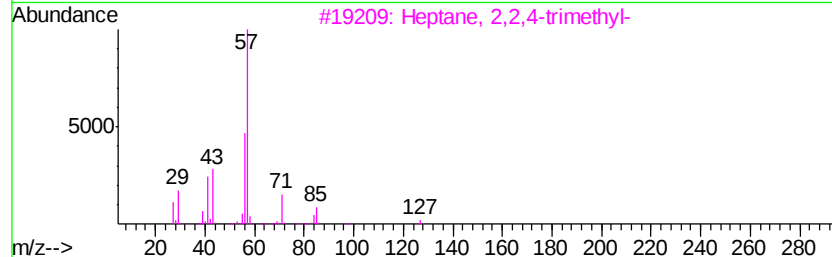
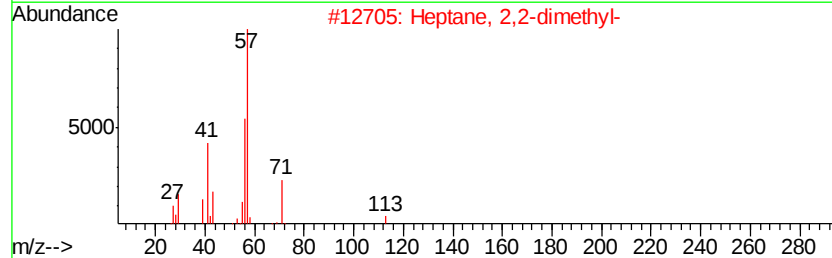
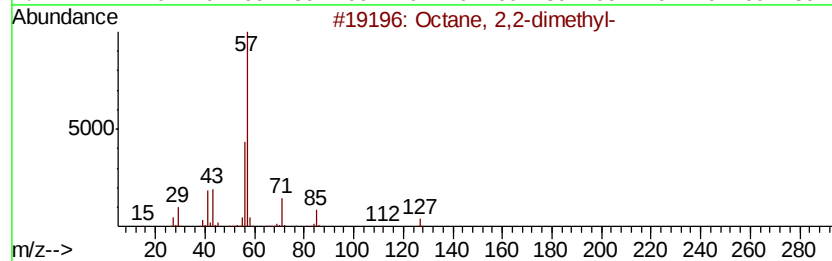
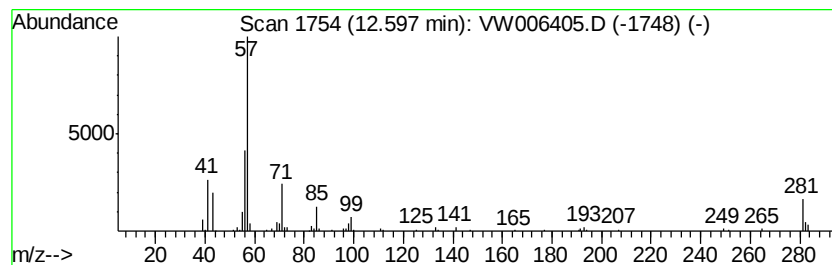
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	3.43 ug/L	82056	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50
2		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
3		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50
4		2,2-Dimethyleicosane	310	C22H46	1000360-43-4	50
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47



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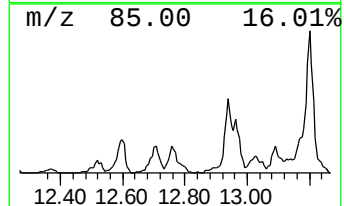
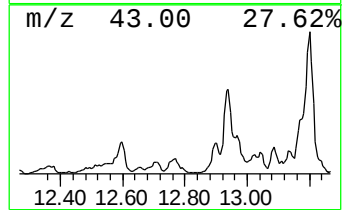
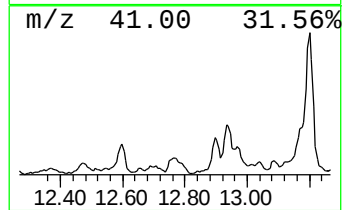
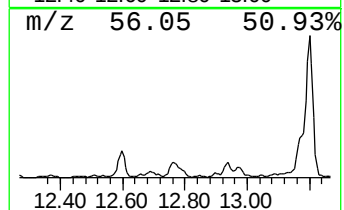
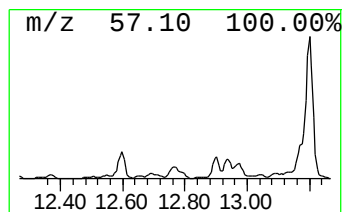
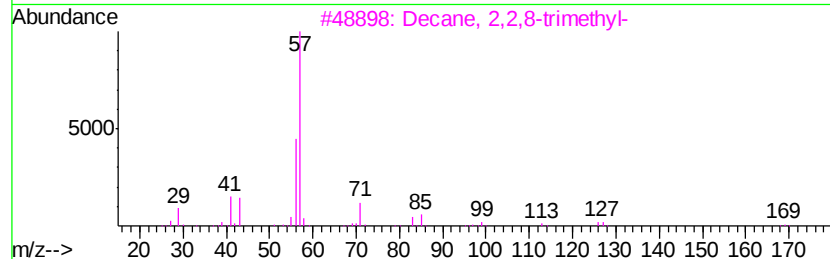
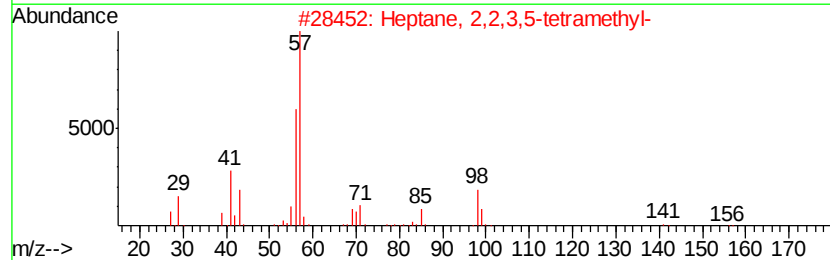
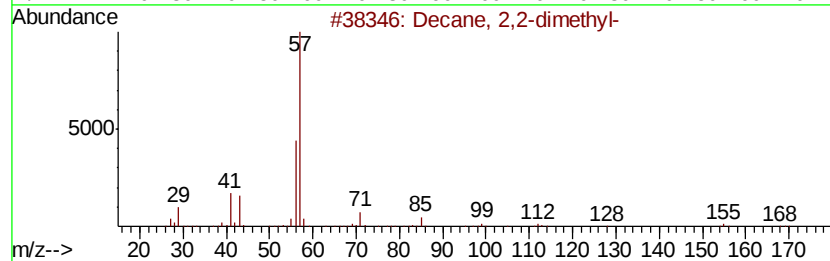
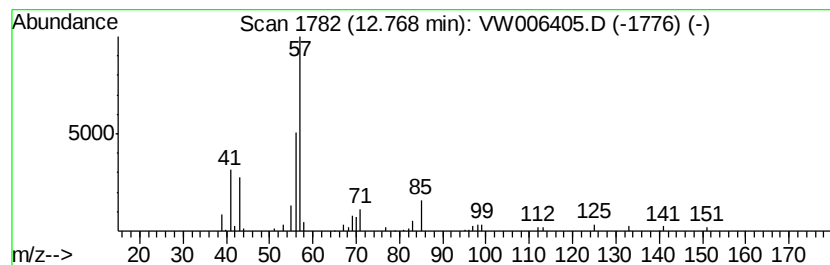
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.40 ug/L	57810	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	64
2		Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	59
3		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	59
4		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	59
5		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	53



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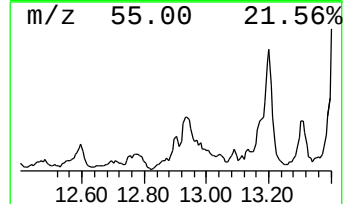
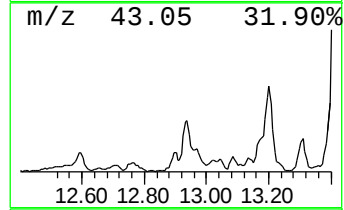
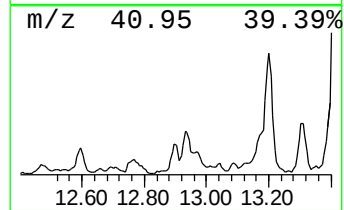
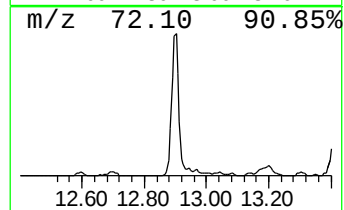
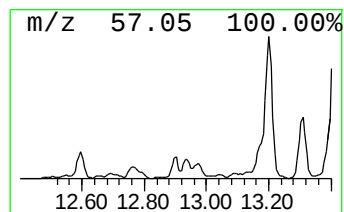
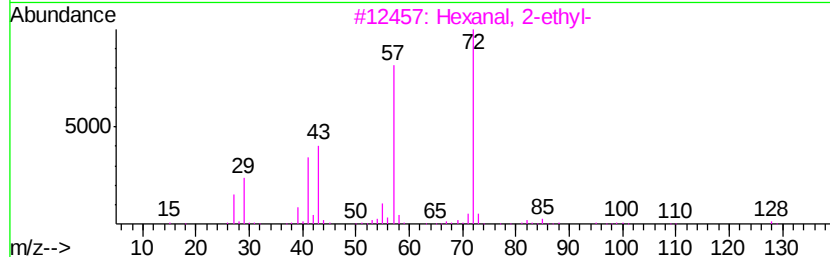
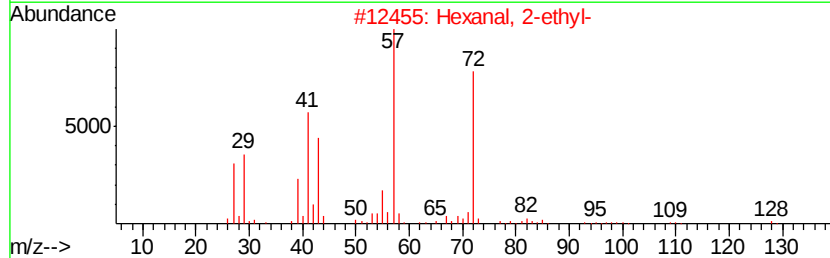
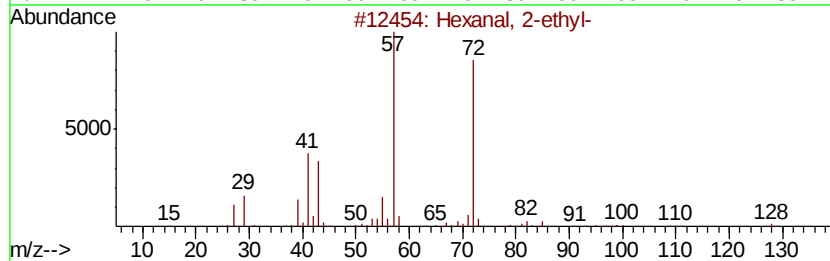
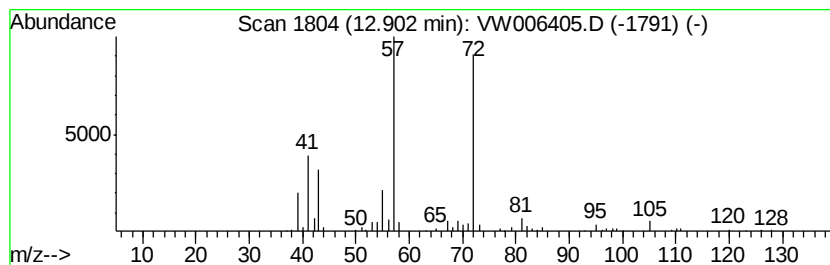
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanal, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.42 ug/L	75047	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexanal, 2-ethyl-	128 C8H16O	000123-05-7	87
2	Hexanal, 2-ethyl-	128 C8H16O	000123-05-7	87
3	Hexanal, 2-ethyl-	128 C8H16O	000123-05-7	80
4	Hexanal, 2-ethyl-	128 C8H16O	000123-05-7	72
5	1,3-Cyclobutanediol, 2,2,4,4-tet...	144 C8H16O2	003010-96-6	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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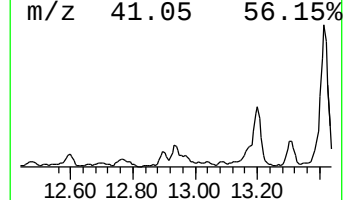
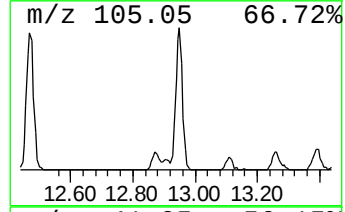
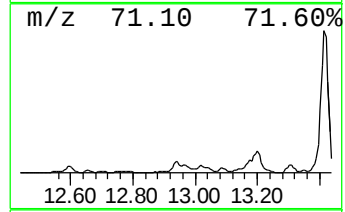
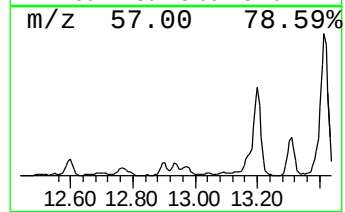
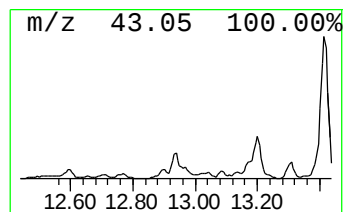
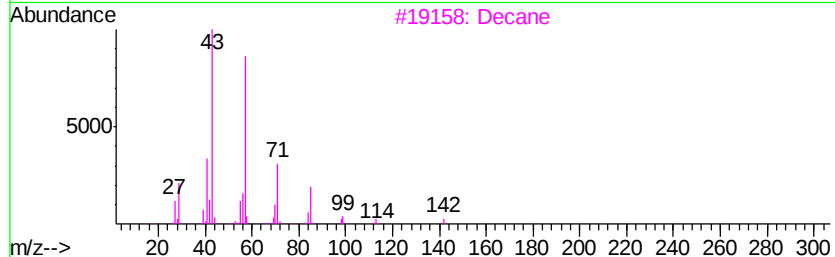
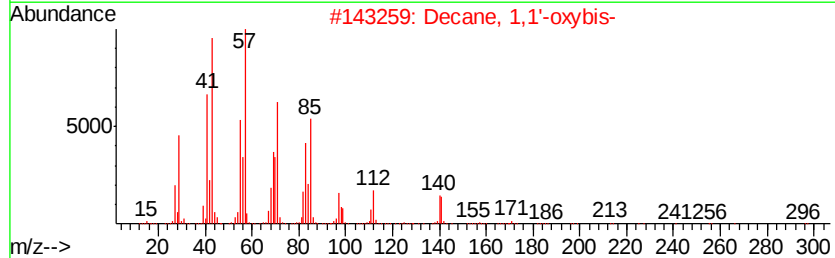
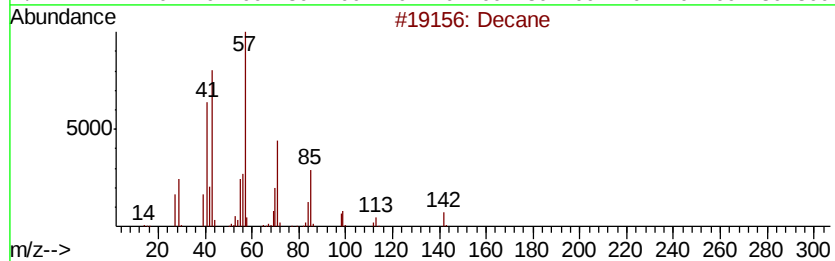
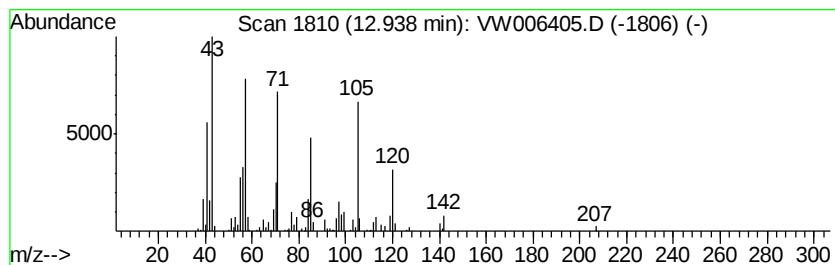
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	7.98 ug/L	135480	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	76
2		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	72
3		Decane	142	C10H22	000124-18-5	68
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5		Decane	142	C10H22	000124-18-5	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
A40G0

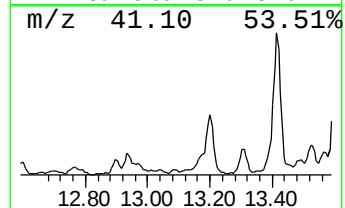
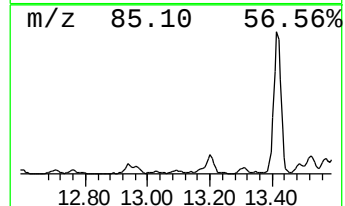
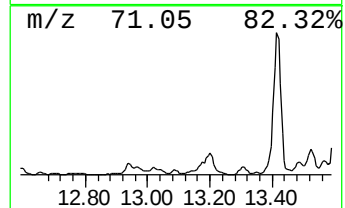
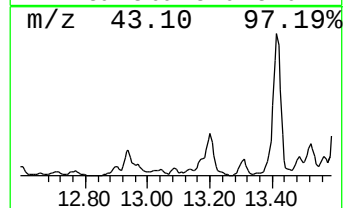
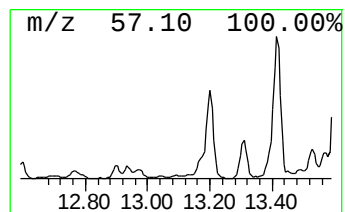
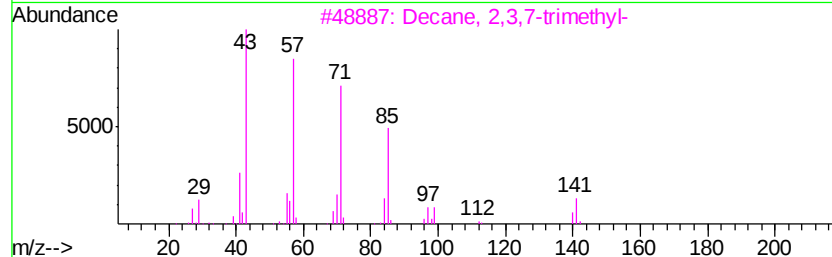
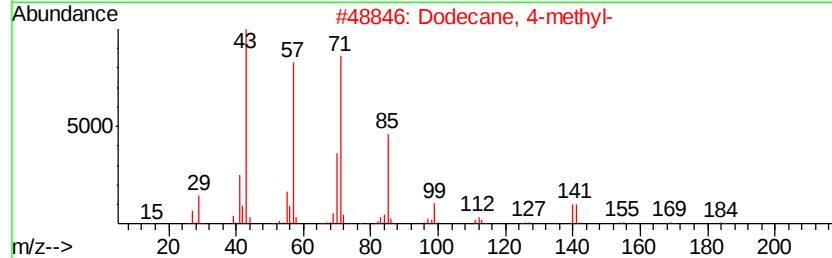
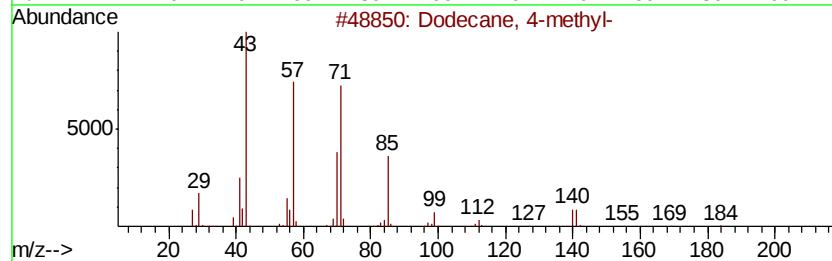
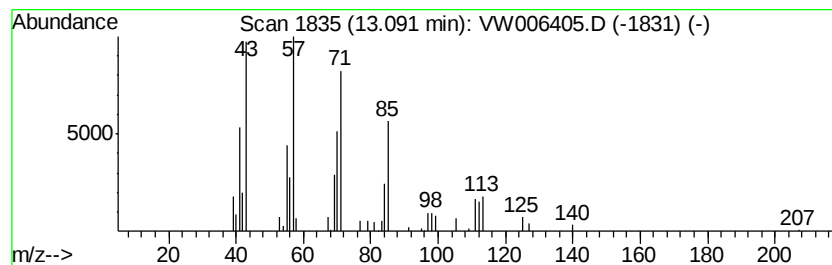
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	1.34 ug/L	22804	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
3			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	53
4			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	53
5			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

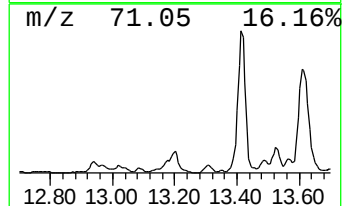
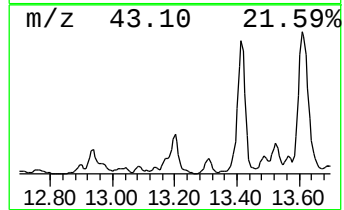
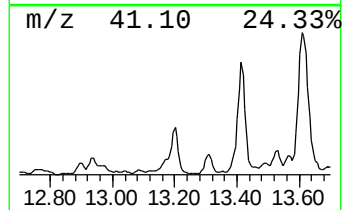
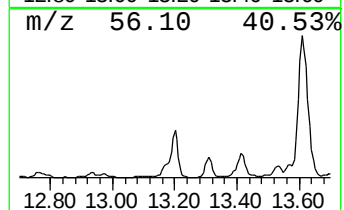
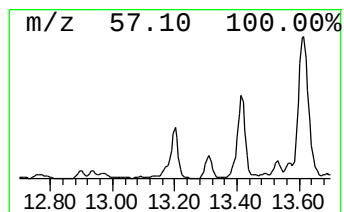
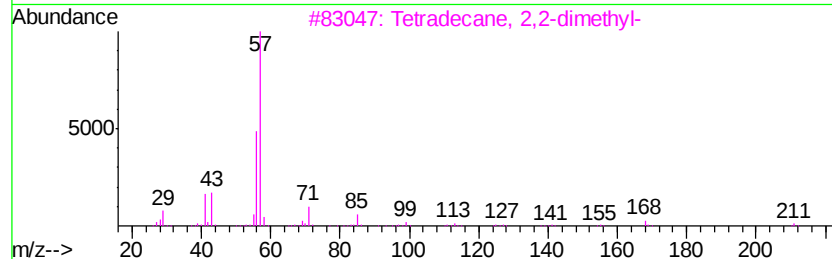
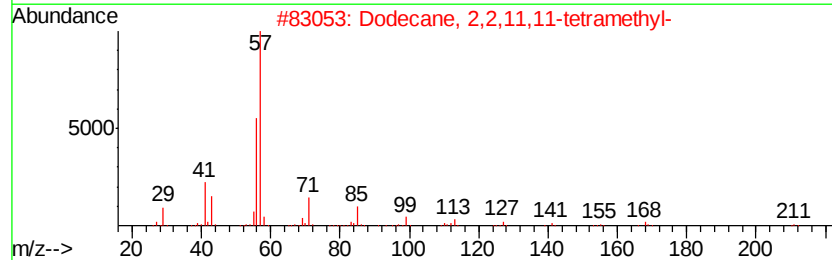
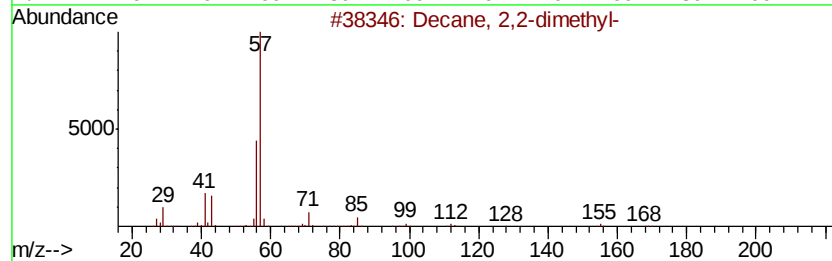
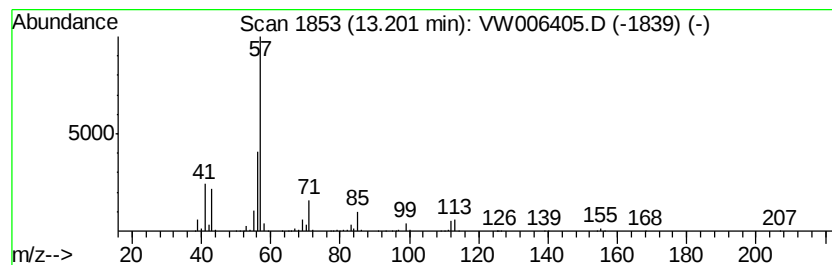
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	20.82 ug/L	353643	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
2		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
3		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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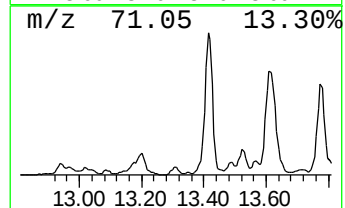
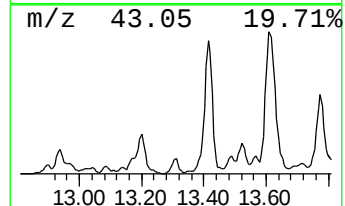
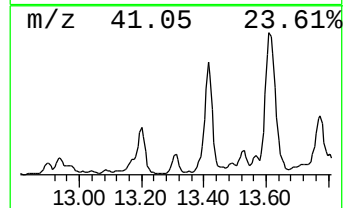
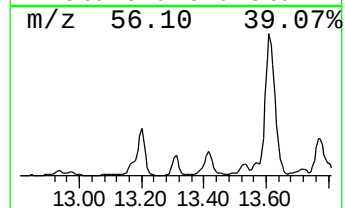
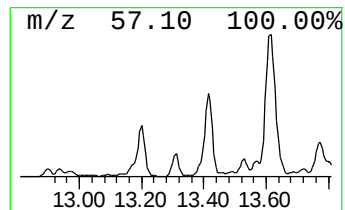
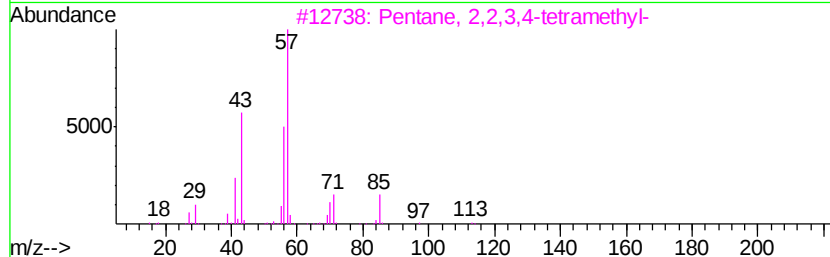
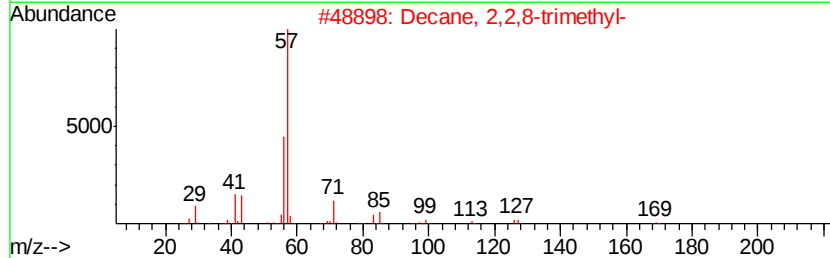
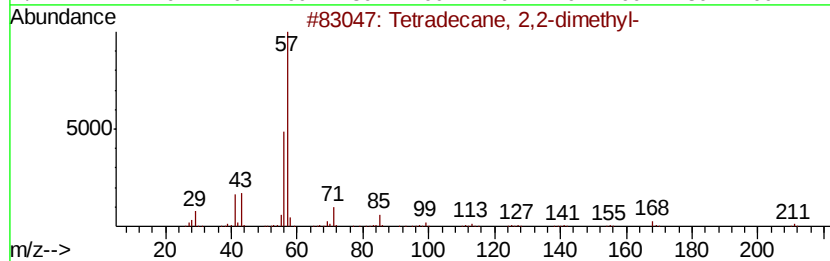
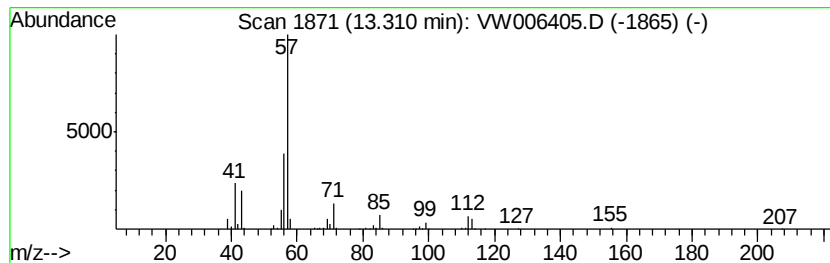
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	6.13 ug/L	104060	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
2		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
4		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
5		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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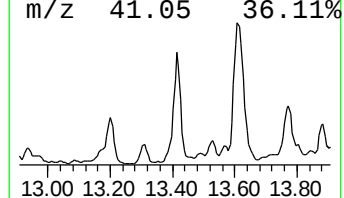
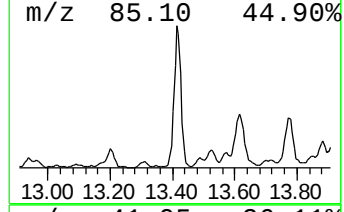
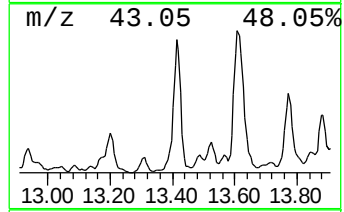
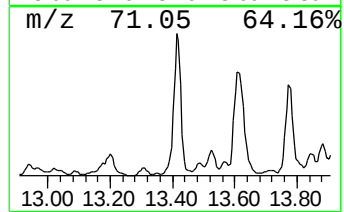
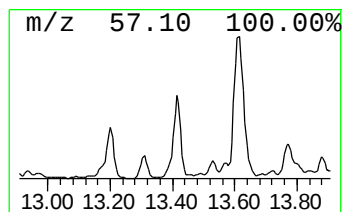
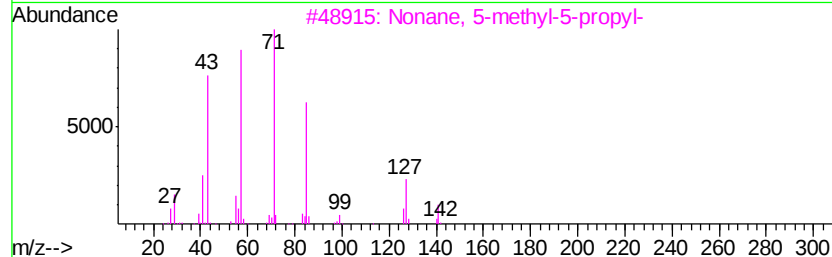
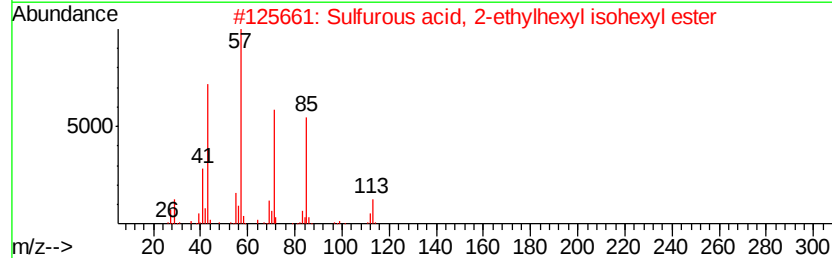
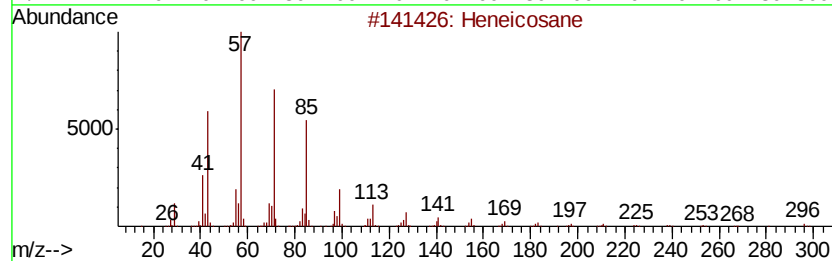
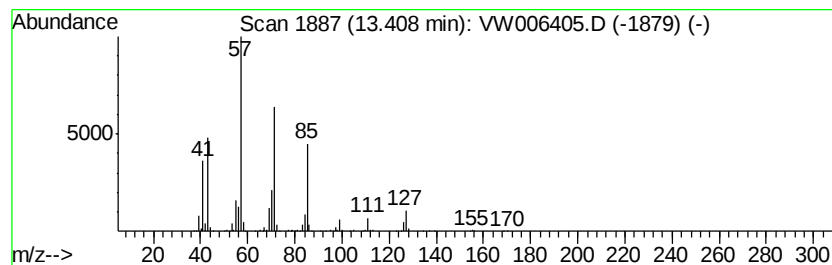
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	45.08 ug/L	765630	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	72
2		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
3		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	50
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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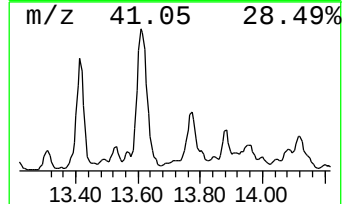
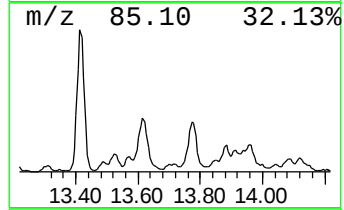
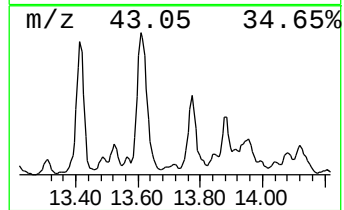
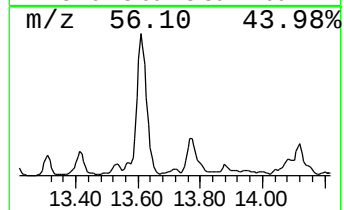
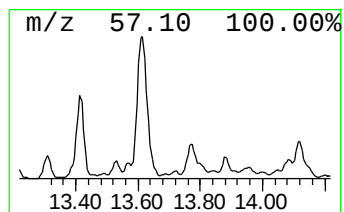
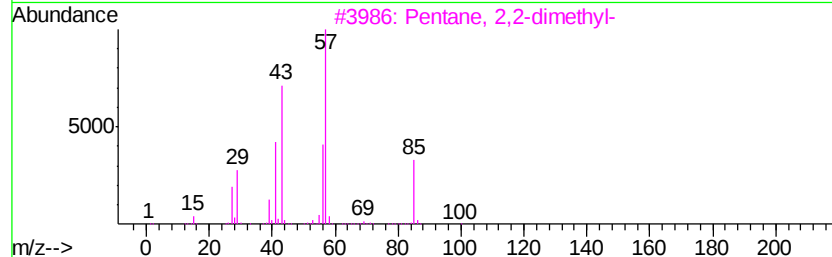
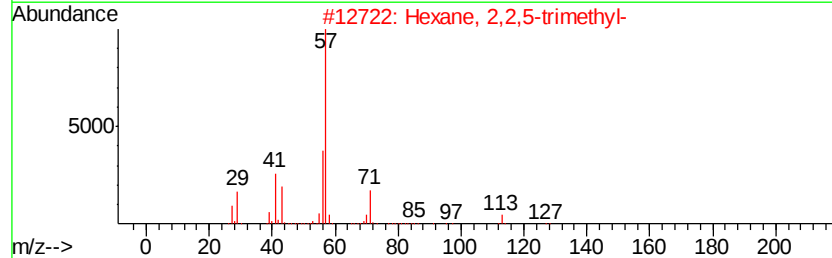
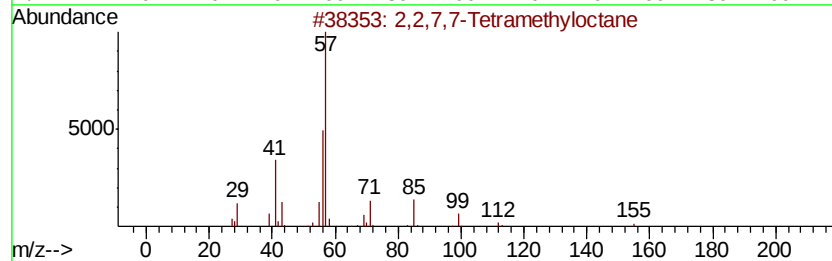
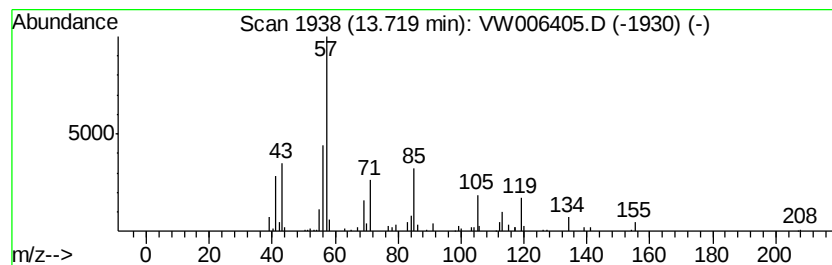
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.11 ug/L	52802	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
5			2,5,5-Trimethyl-3-oxo-pyrroline,...	141	C7H11N02	1000305-90-5	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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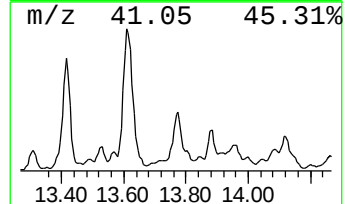
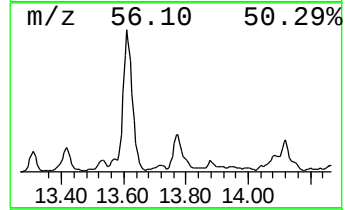
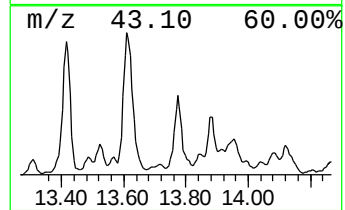
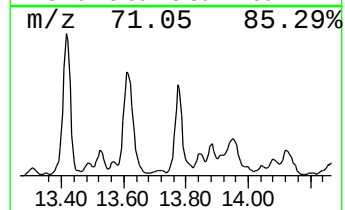
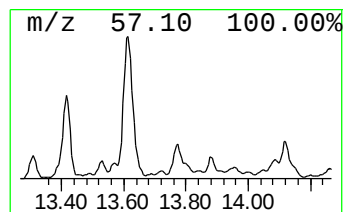
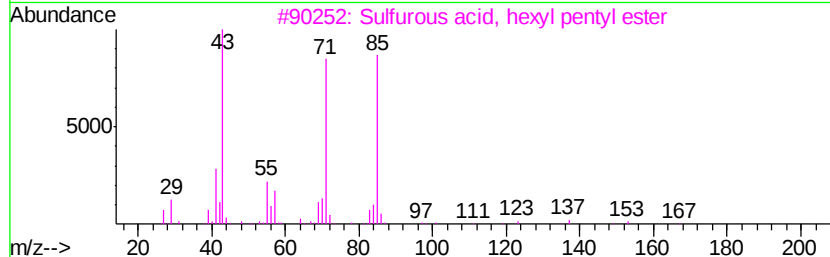
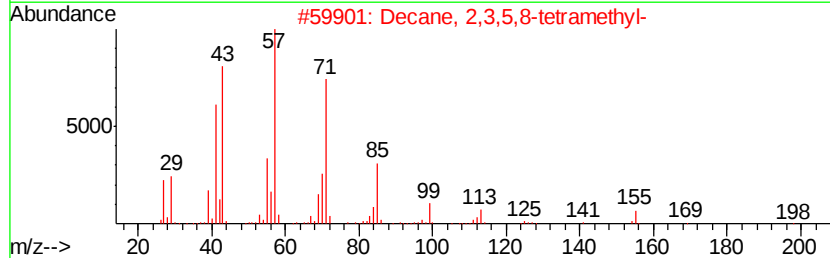
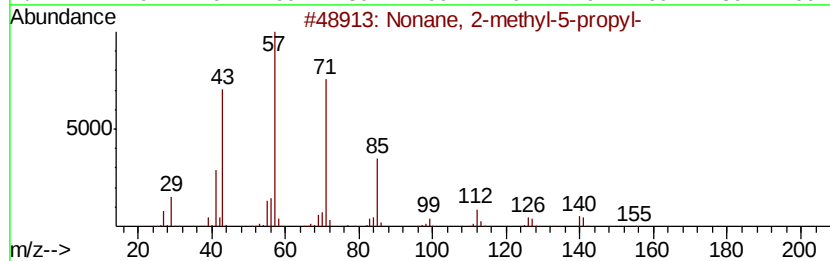
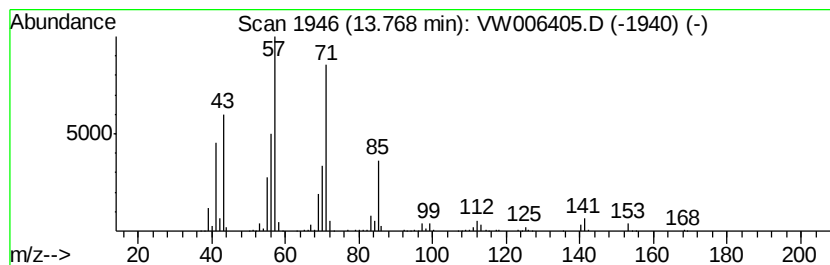
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	25.47 ug/L	432520	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
2		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	59
3		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
5		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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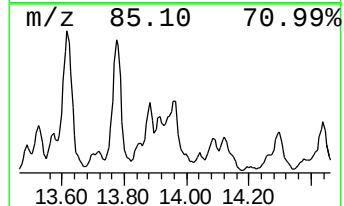
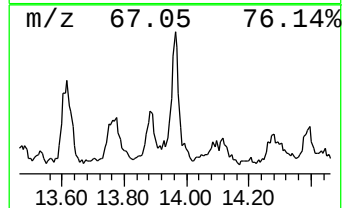
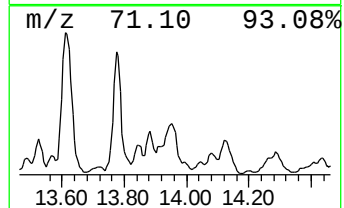
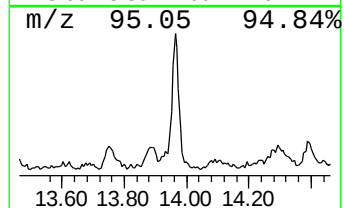
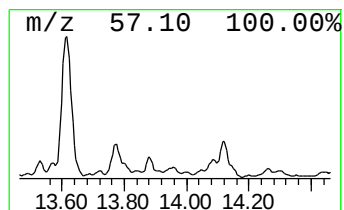
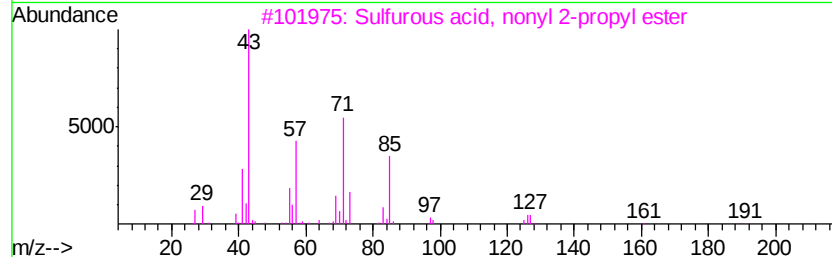
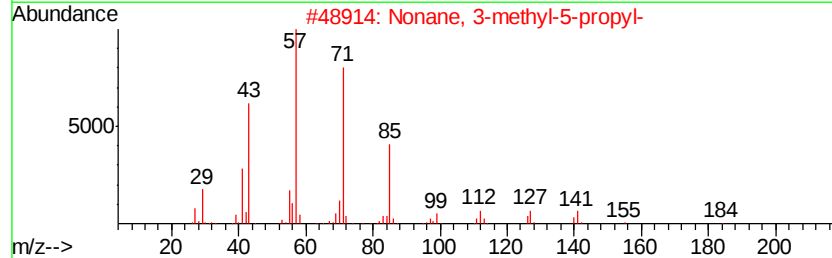
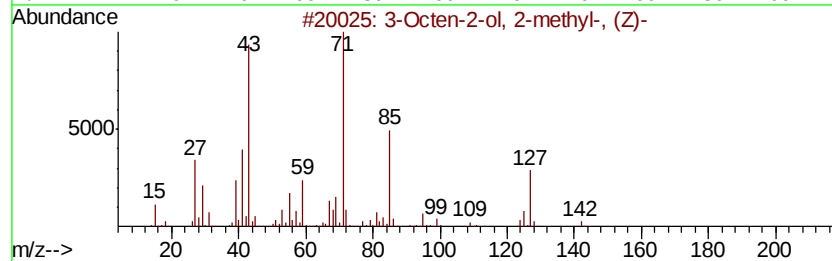
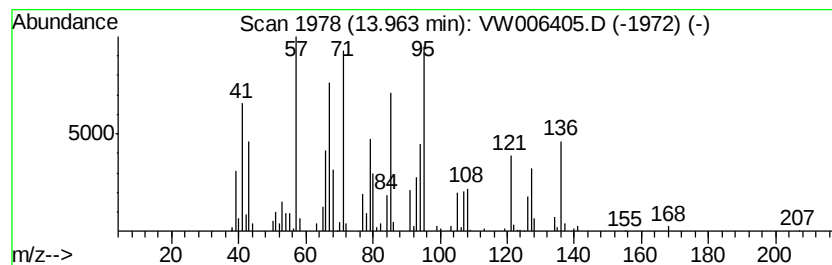
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	9.01 ug/L	152998	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	38
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	35
3			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	35
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	27
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

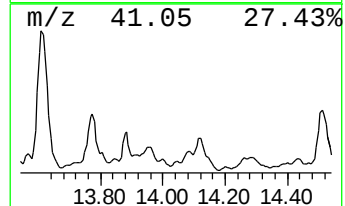
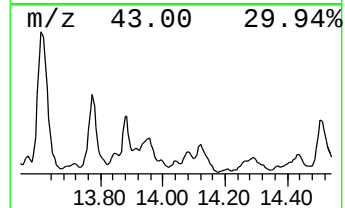
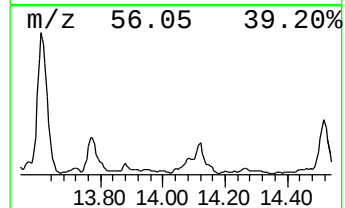
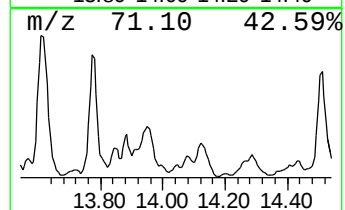
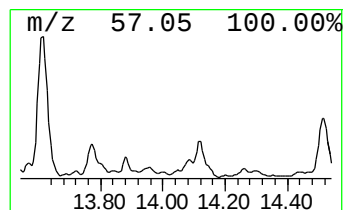
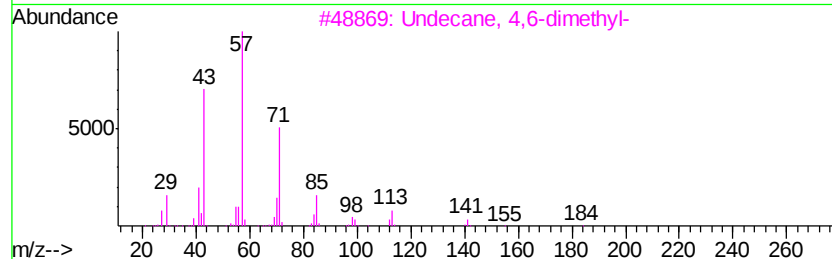
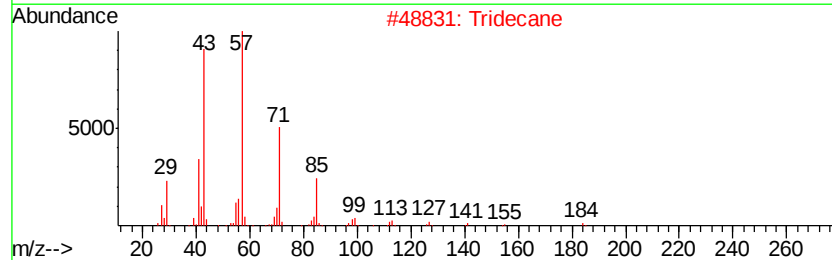
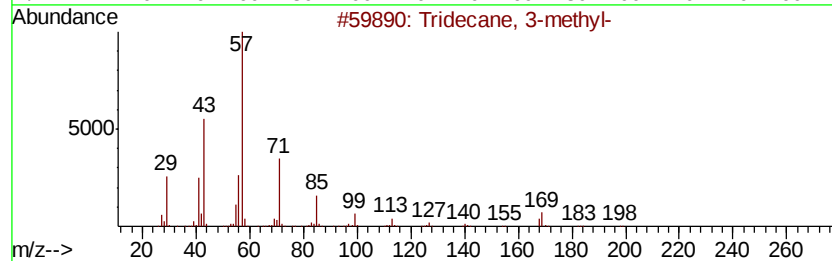
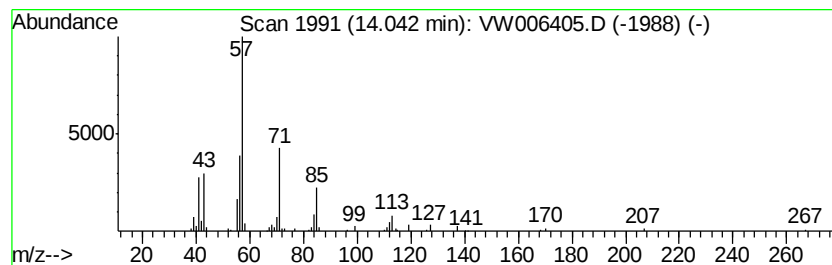
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	1.45 ug/L	24623	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
2			Tridecane	184	C13H28	000629-50-5	50
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50
4			Heptacosane	380	C27H56	000593-49-7	47
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

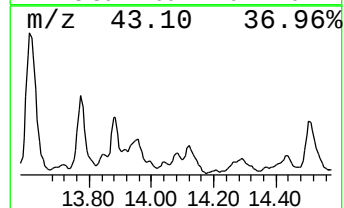
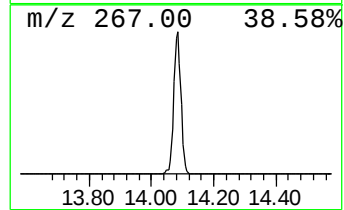
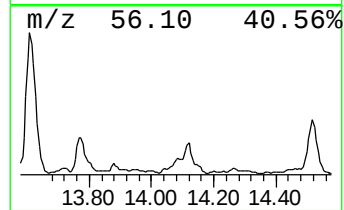
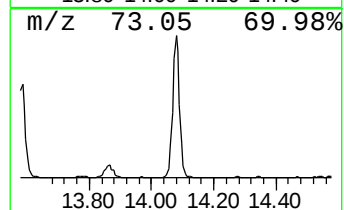
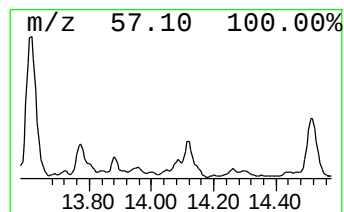
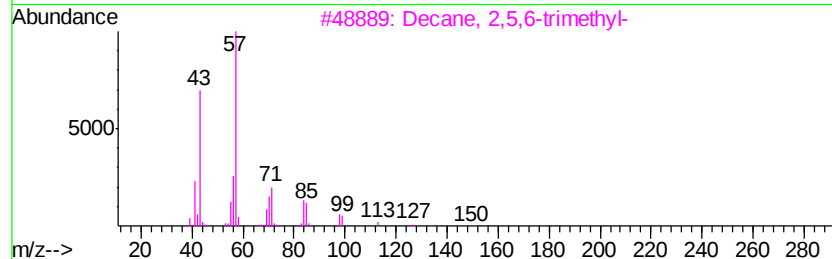
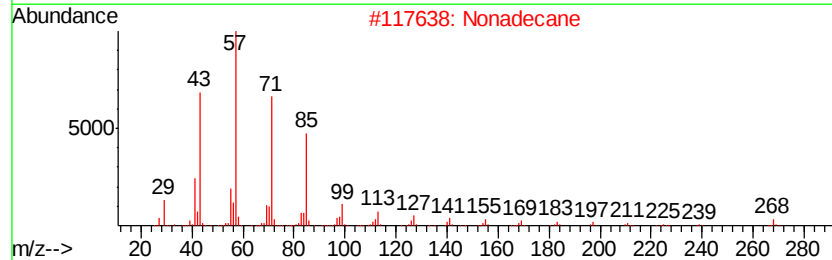
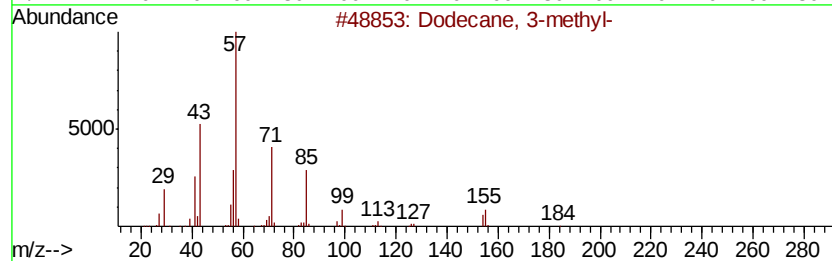
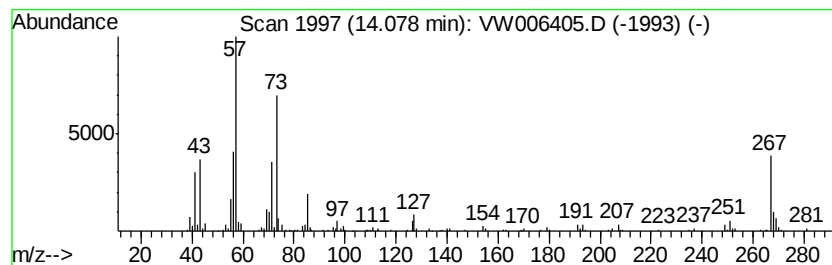
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	7.75 ug/L	131584	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
2			Nonadecane	268	C19H40	000629-92-5	38
3			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
4			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	35
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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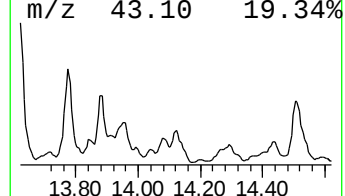
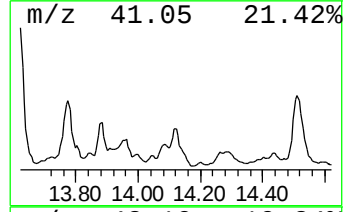
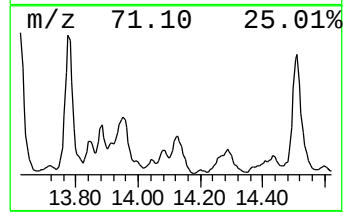
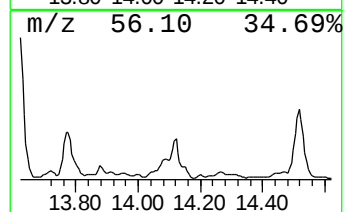
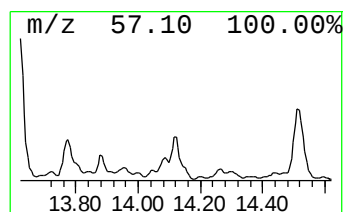
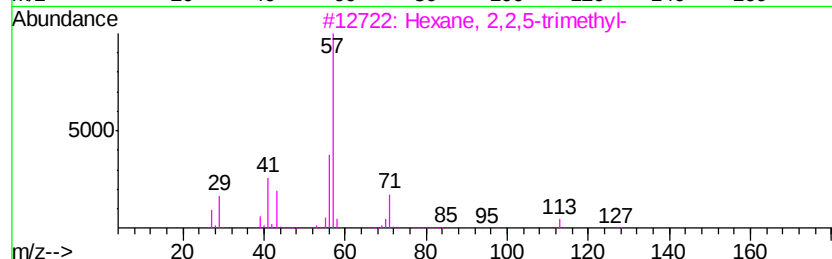
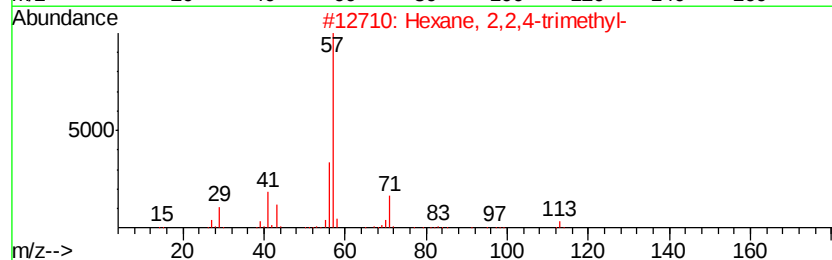
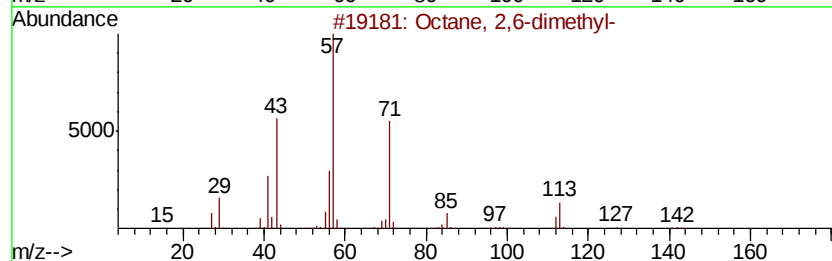
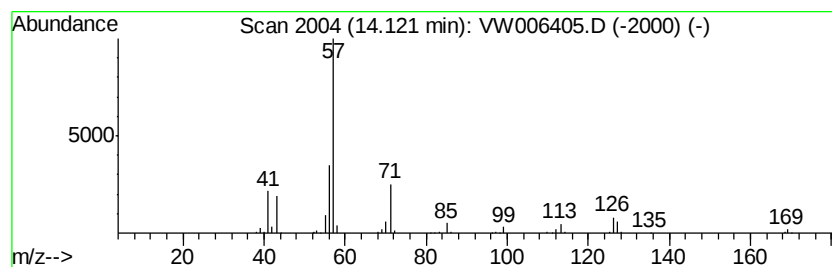
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	17.62 ug/L	299211	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	53
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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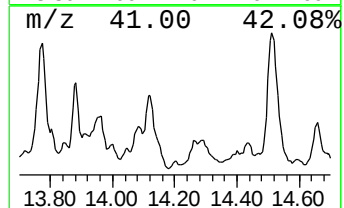
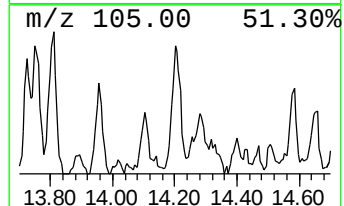
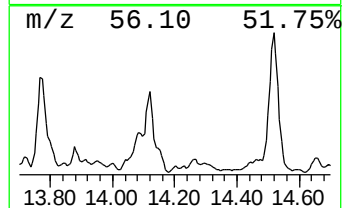
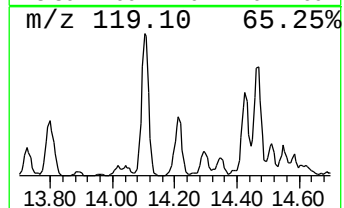
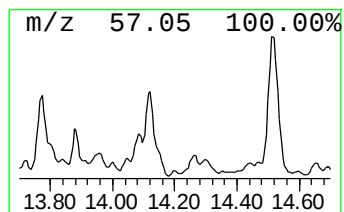
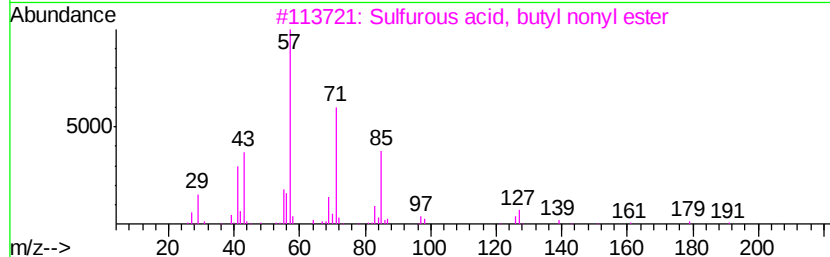
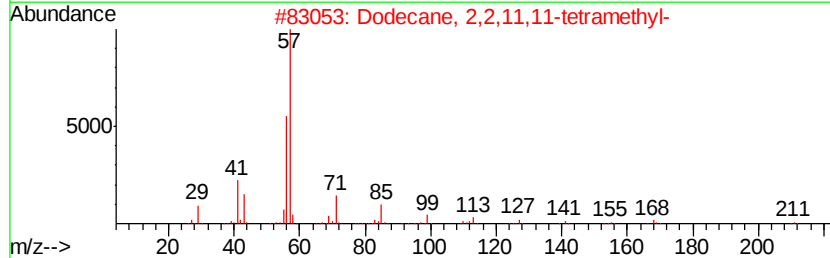
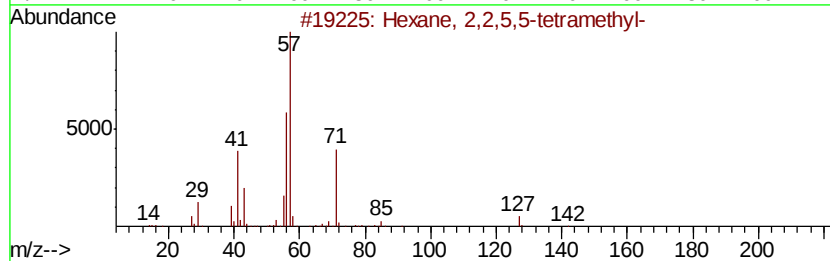
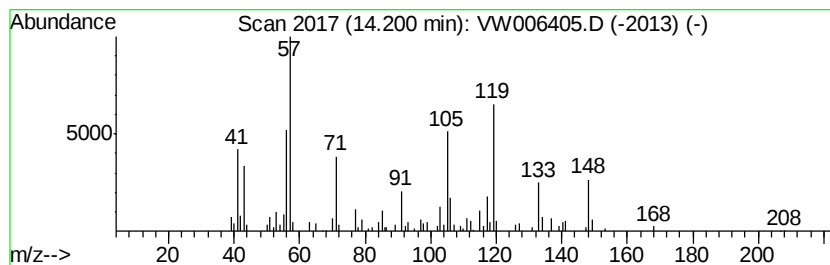
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Quant Title : VOC Analysis

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

Peak Number 16 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.11 ug/L	35786	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	35
2		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	22
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	22
4		trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	22
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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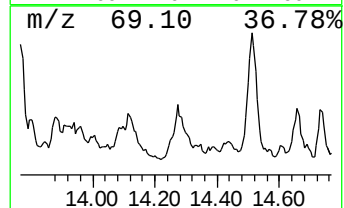
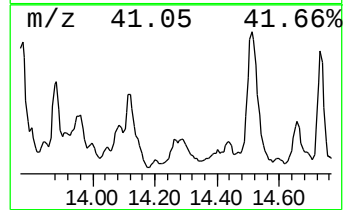
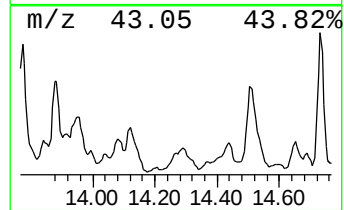
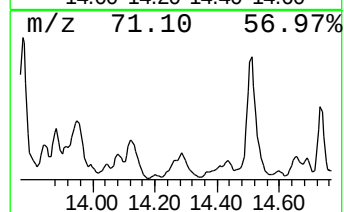
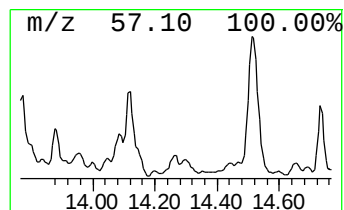
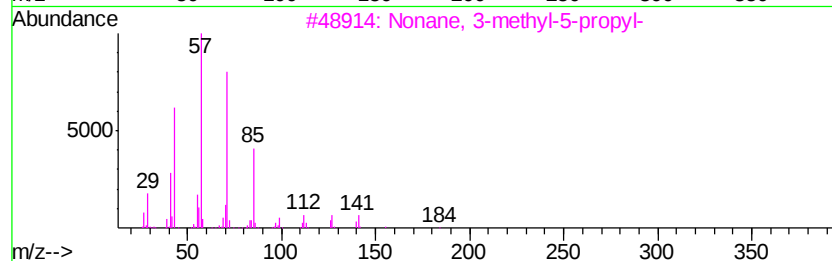
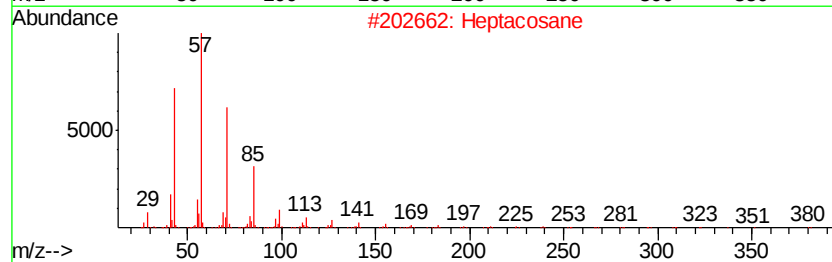
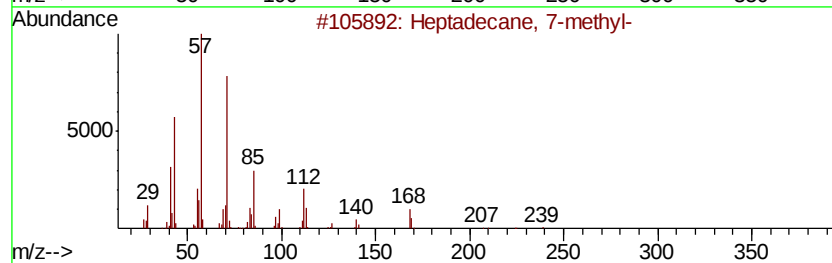
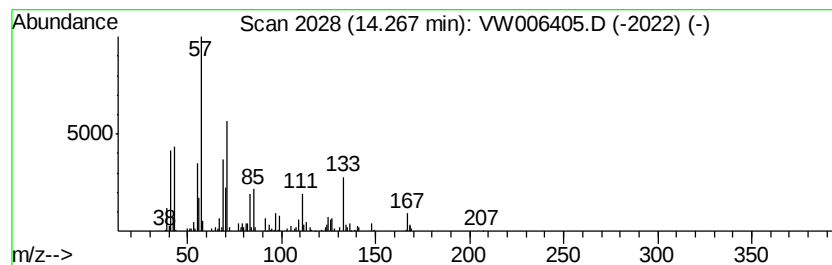
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	4.40 ug/L	74764	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	43
2		Heptacosane	380	C27H56	000593-49-7	38
3		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	35
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	35
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

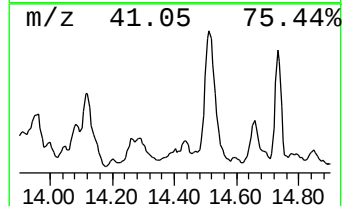
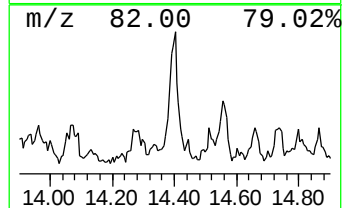
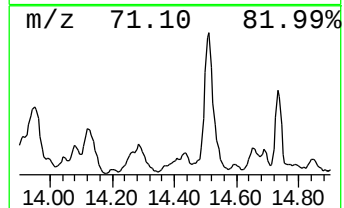
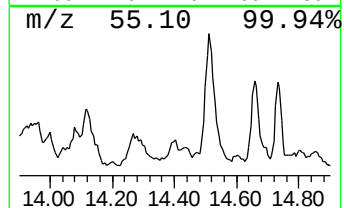
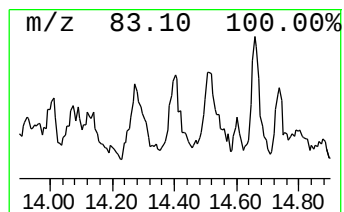
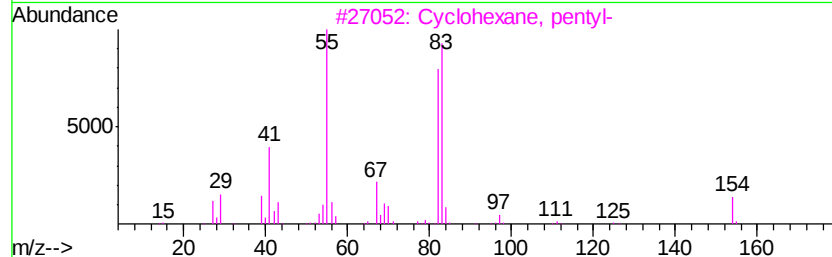
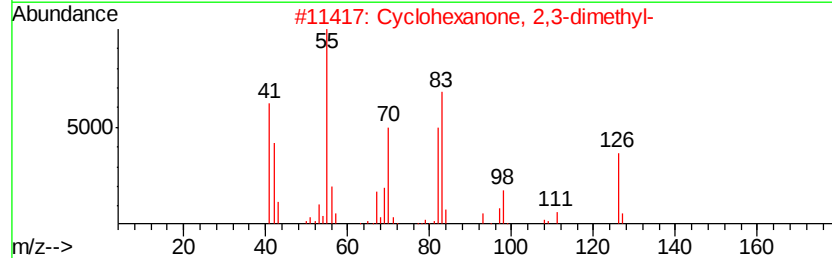
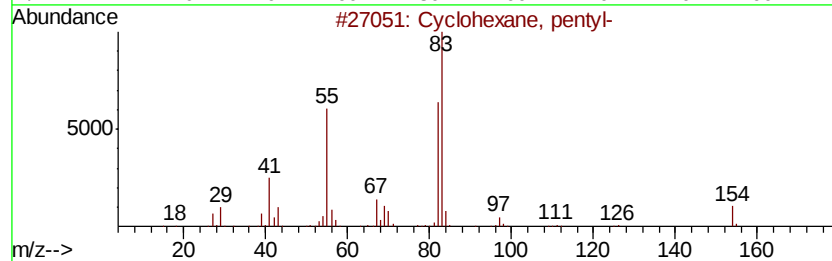
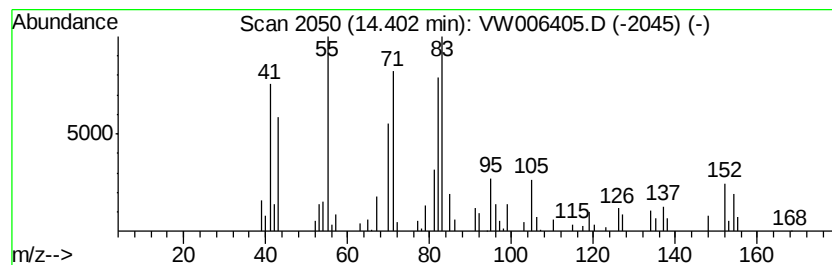
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	1.33 ug/L	22643	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	45
2		Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	43
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	27
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

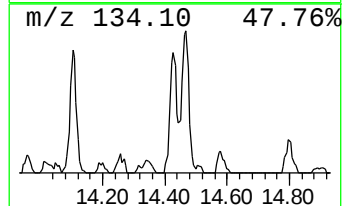
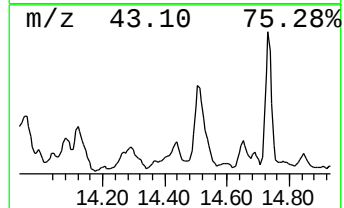
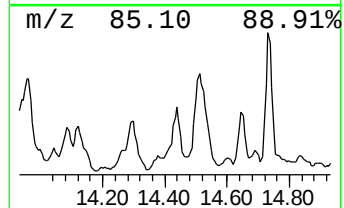
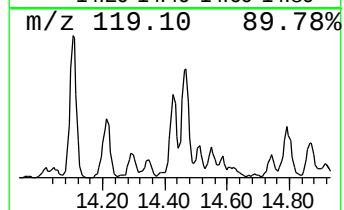
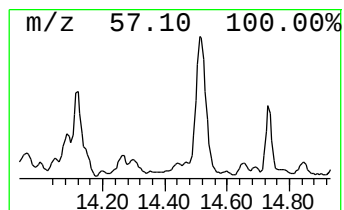
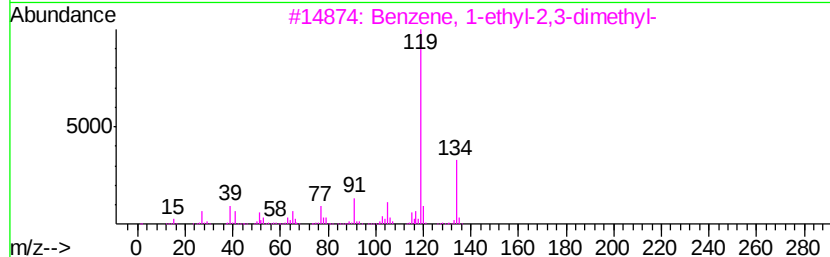
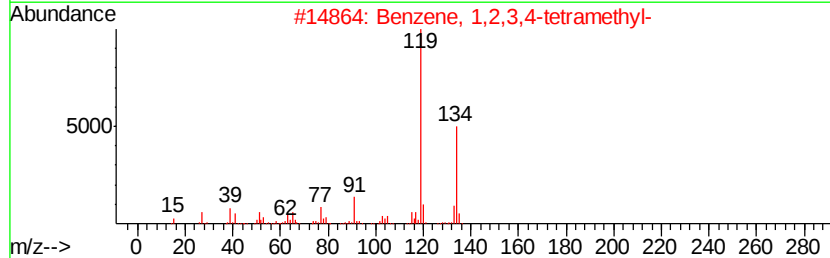
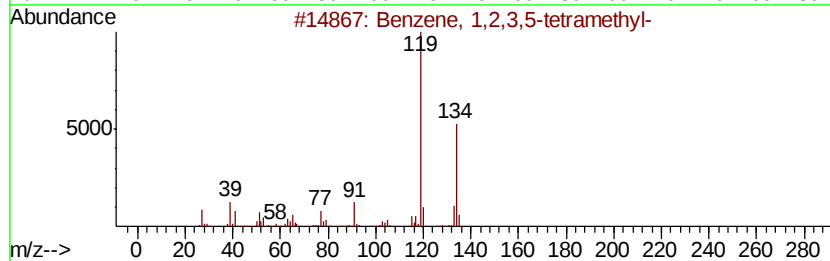
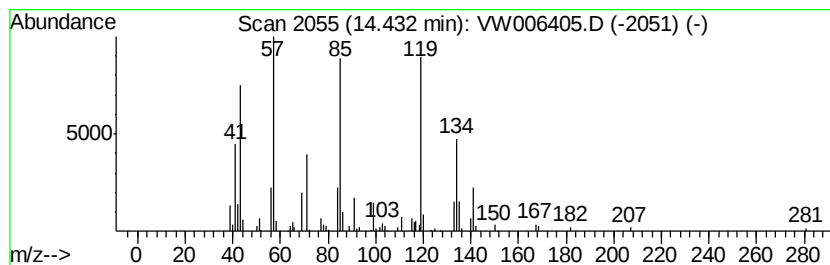
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Quant Title : VOC Analysis

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

Peak Number 19 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.33 ug/L	39649	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	42
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

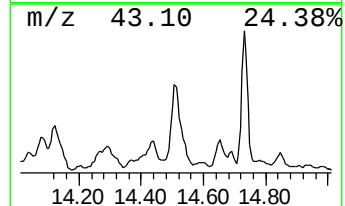
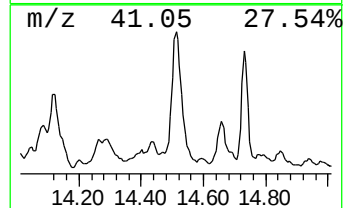
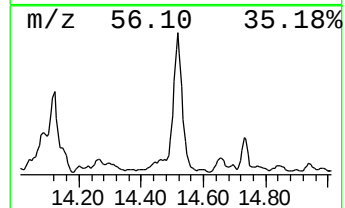
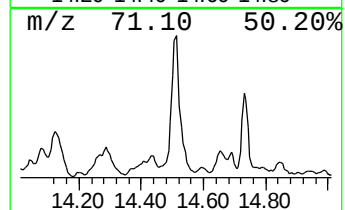
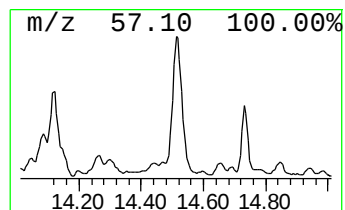
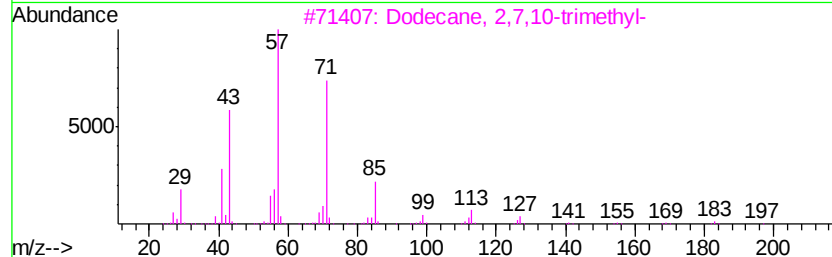
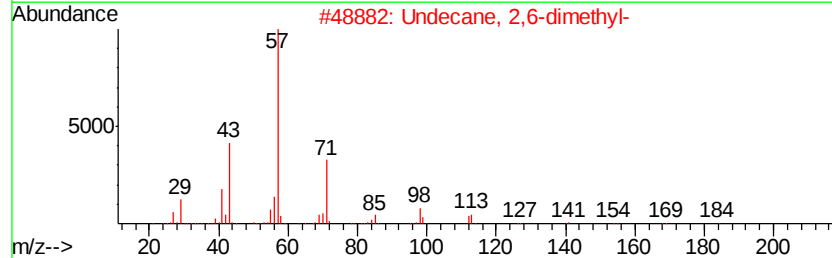
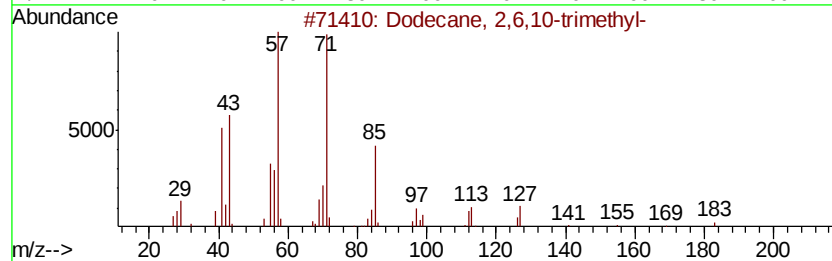
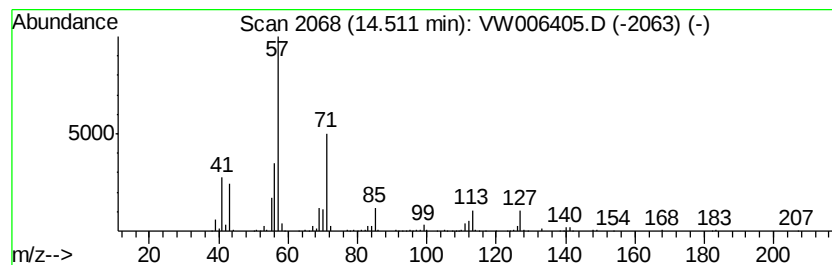
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	29.80 ug/L	506090	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

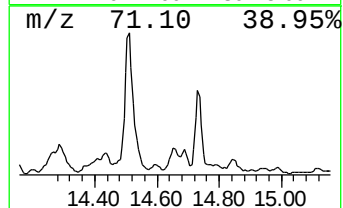
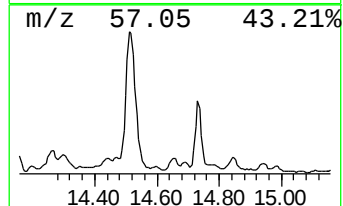
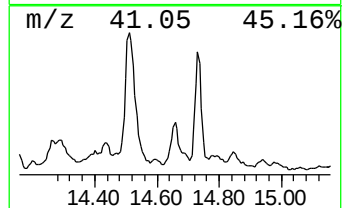
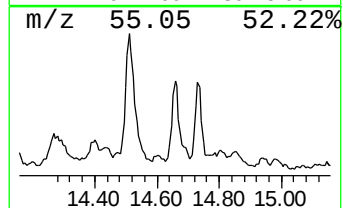
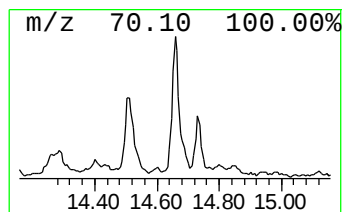
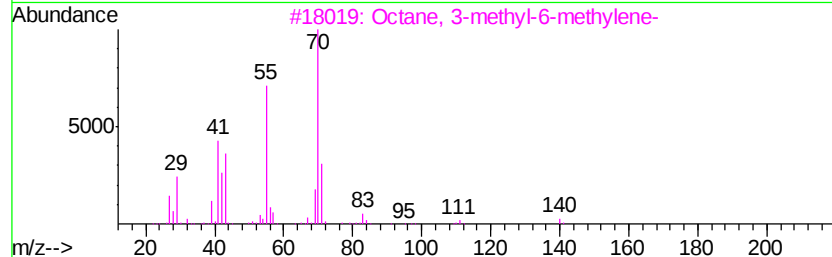
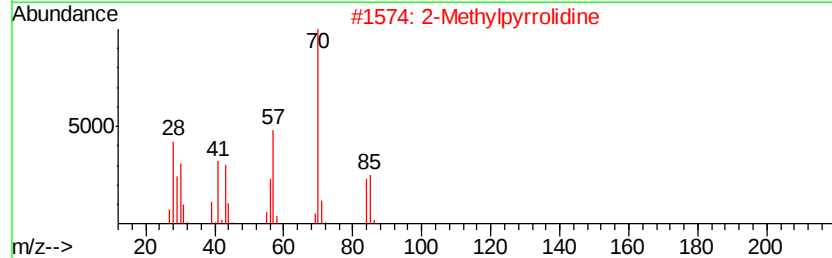
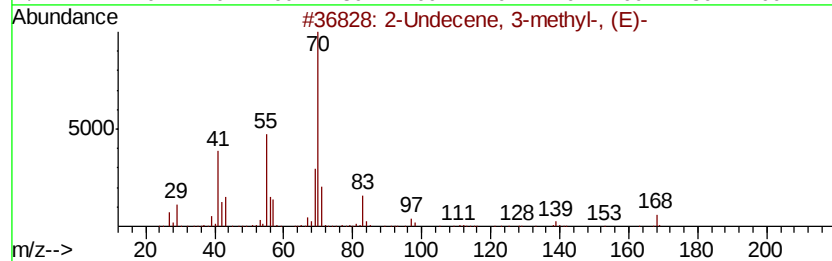
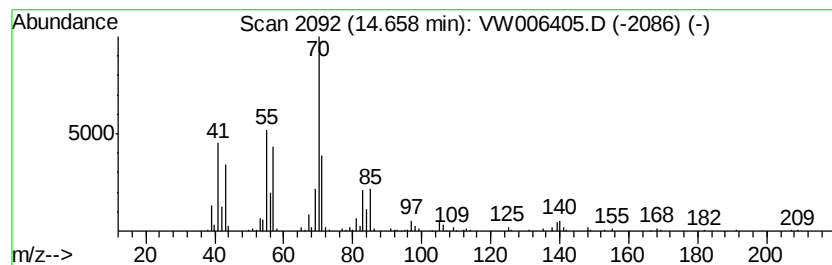
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	7.67 ug/L	130344	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 3-methyl-, (E)-			168	C12H24	074630-47-0	59
2	2-Methylpyrrolidine			85	C5H11N	000765-38-8	50
3	Octane, 3-methyl-6-methylene-			140	C10H20	074630-07-2	50
4	Butanoic acid, 3-methyl-, 3-meth...			172	C10H20O2	000659-70-1	47
5	2-Undecene, 3-methyl-, (Z)-			168	C12H24	057024-90-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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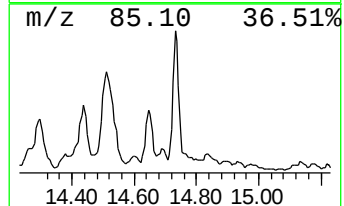
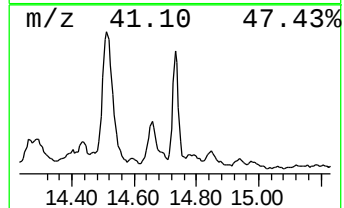
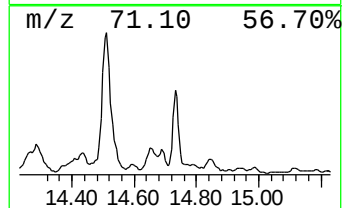
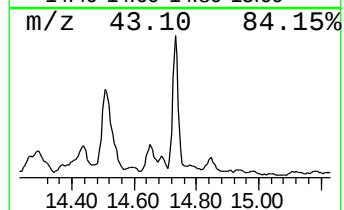
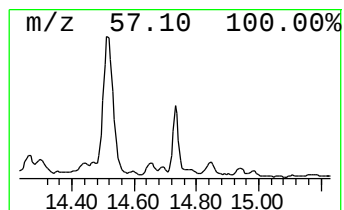
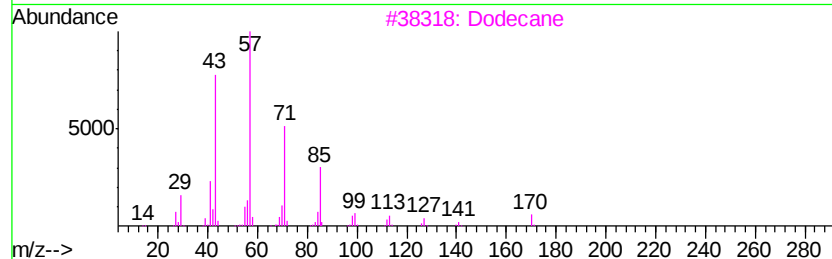
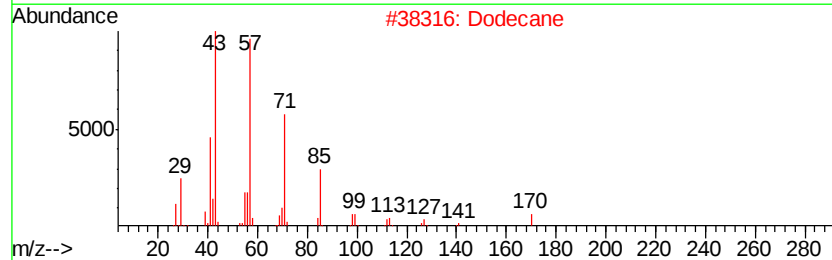
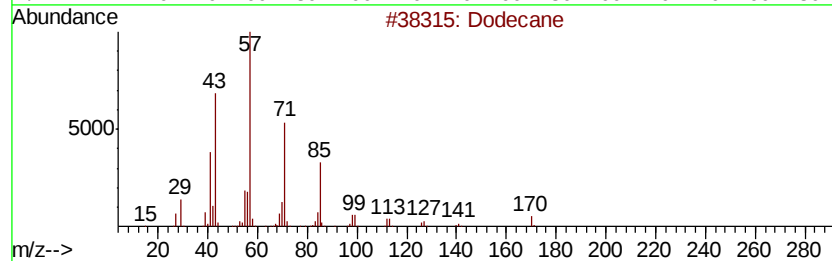
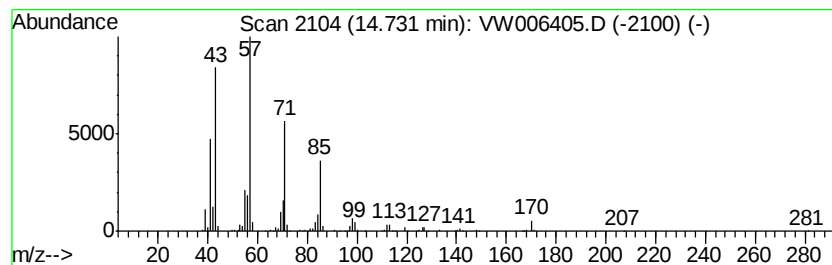
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	13.13 ug/L	223065	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	95
2		Dodecane	170	C12H26	000112-40-3	87
3		Dodecane	170	C12H26	000112-40-3	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

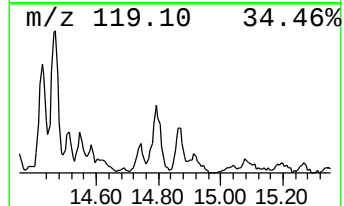
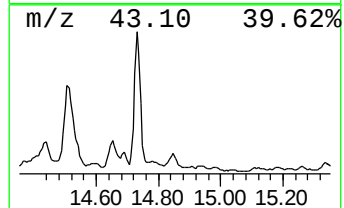
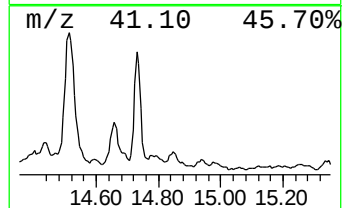
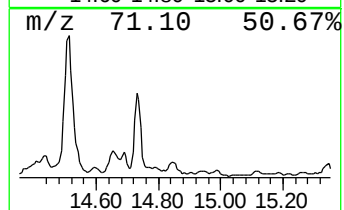
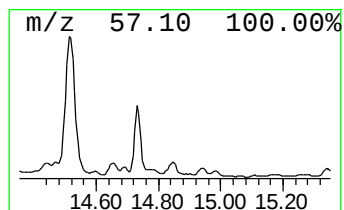
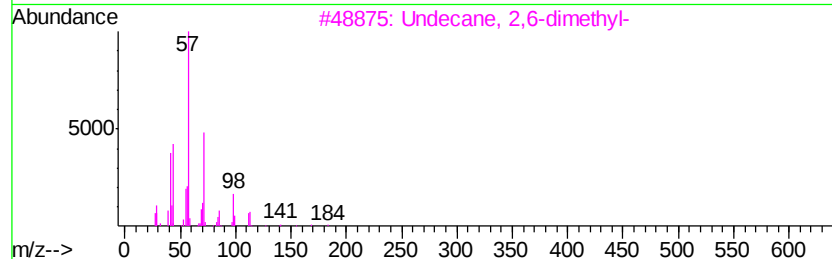
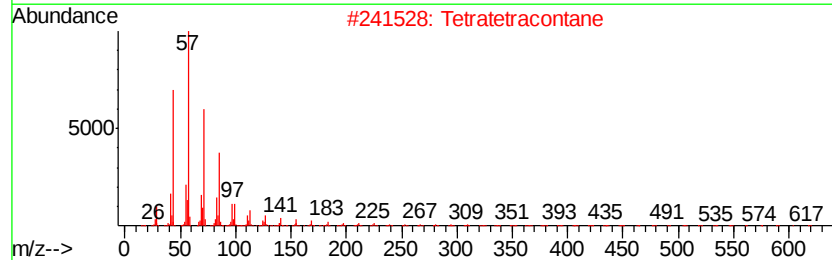
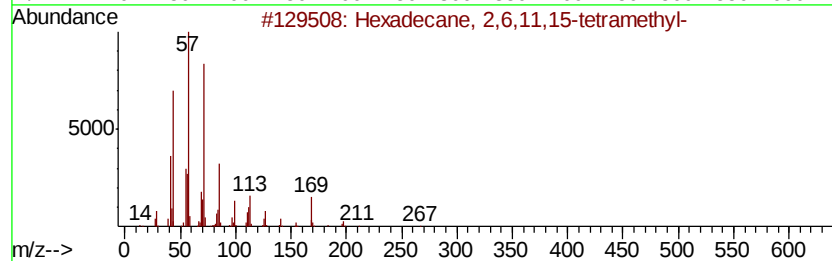
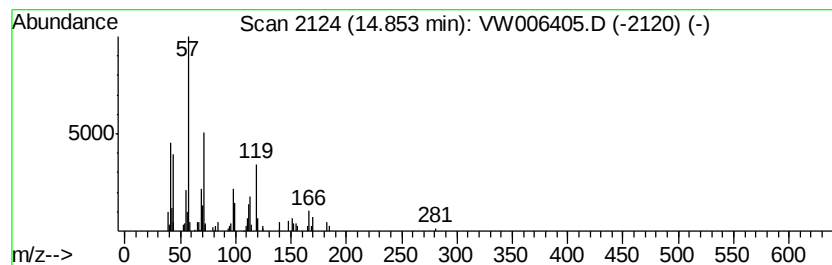
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.74 ug/L	46525	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
2			Tetratetracontane	619	C44H90	007098-22-8	72
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4			Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	64
5			Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
A40G0

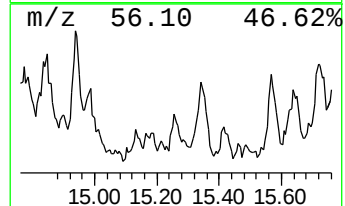
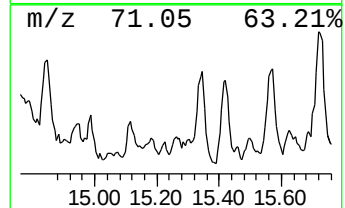
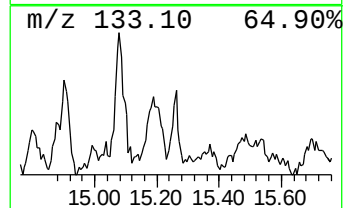
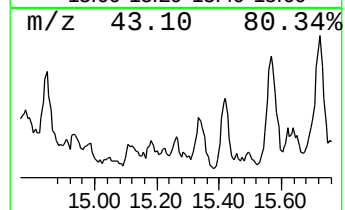
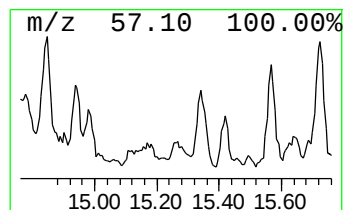
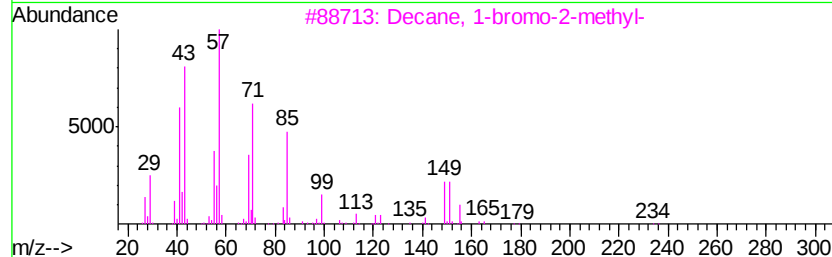
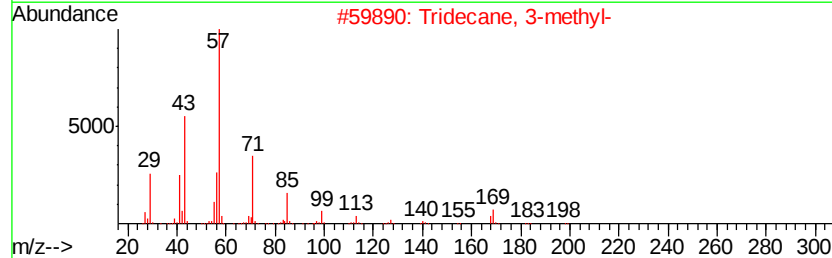
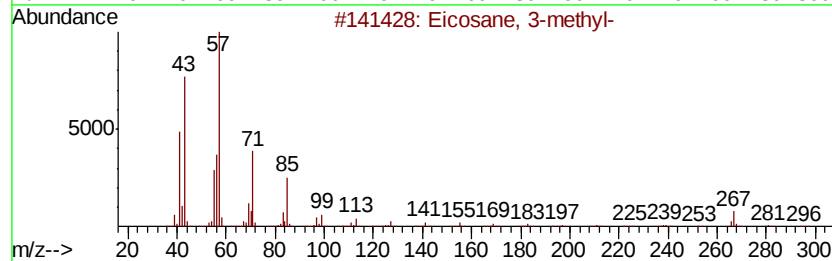
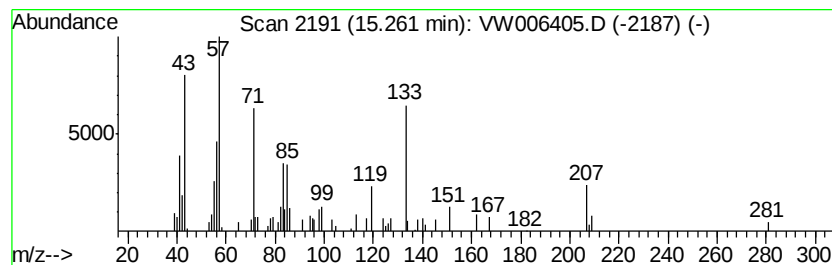
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	1.27 ug/L	21513	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	38
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	27
3		Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	27
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	22
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

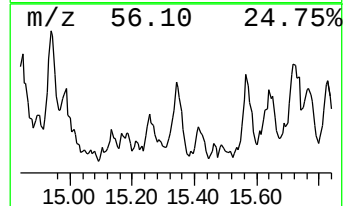
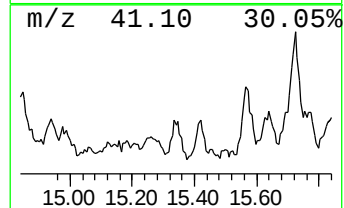
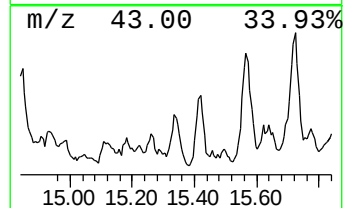
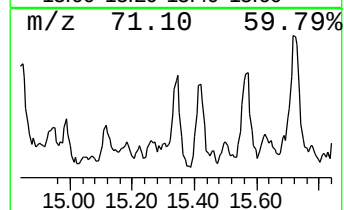
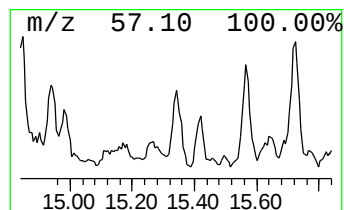
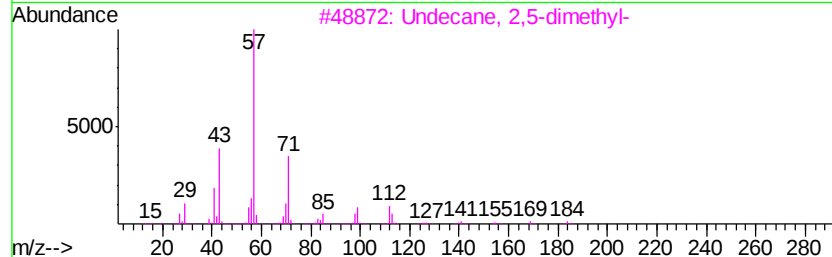
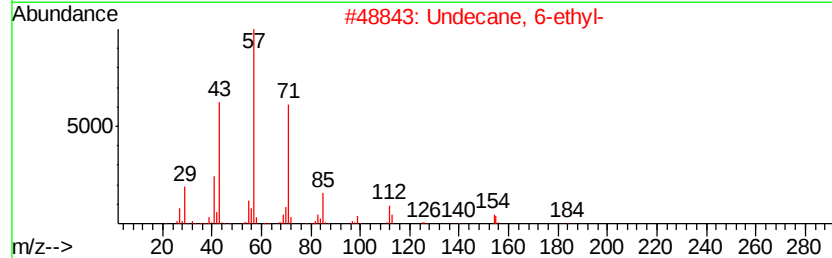
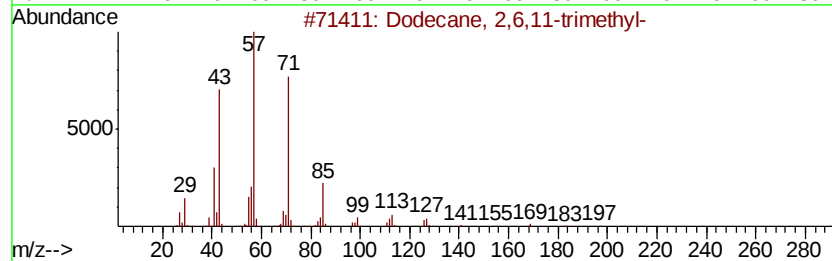
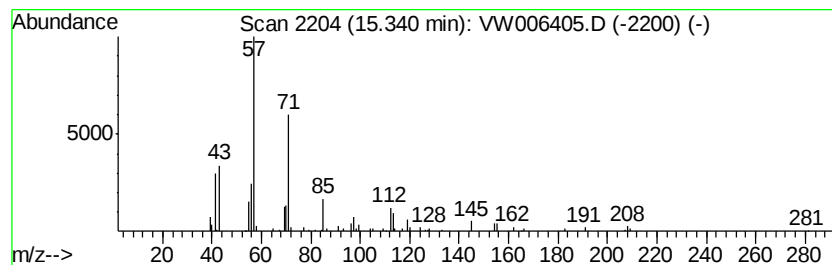
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.18 ug/L	36980	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

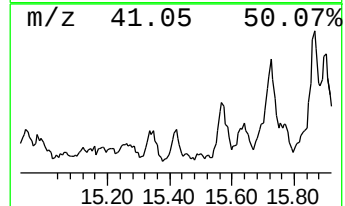
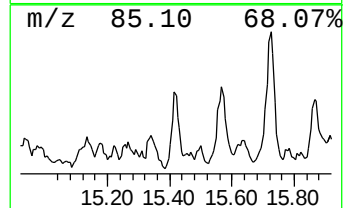
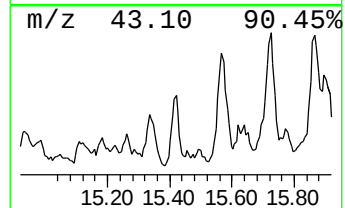
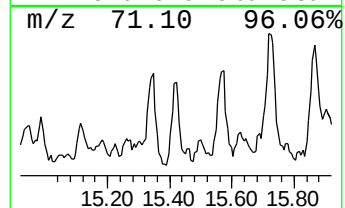
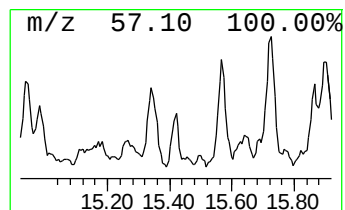
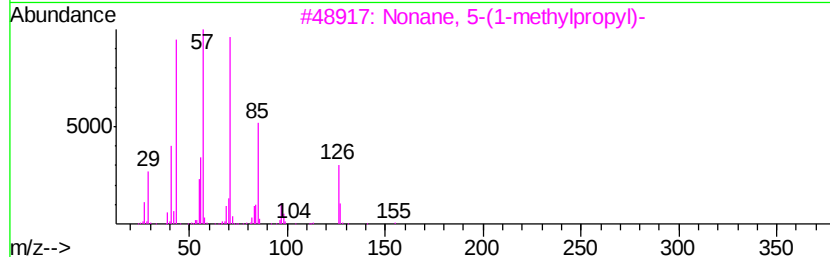
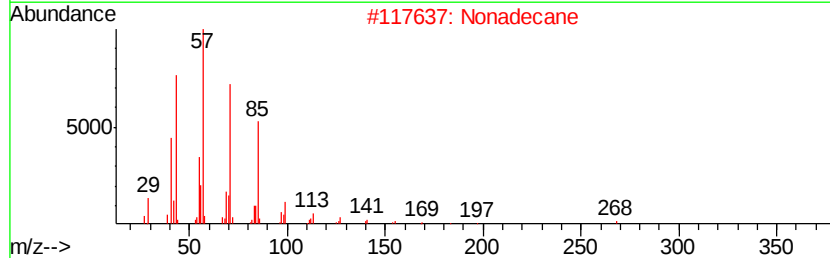
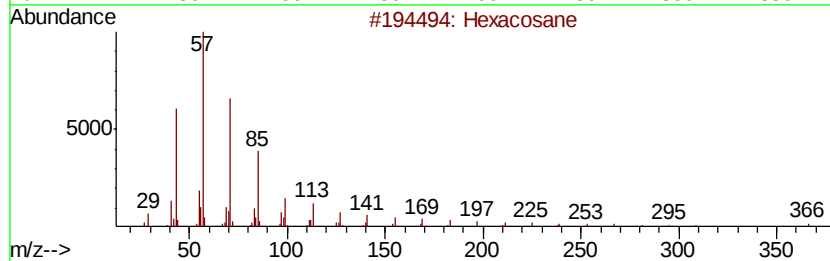
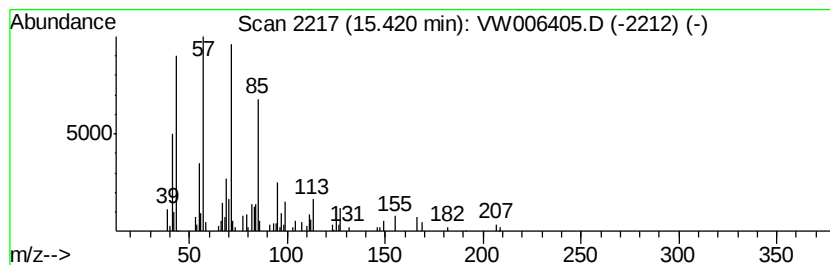
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.28 ug/L	38643	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	72
2		Nonadecane	268	C19H40	000629-92-5	72
3		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	64
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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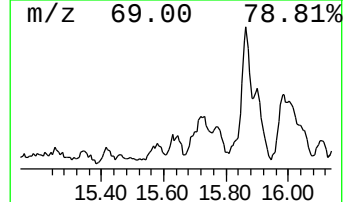
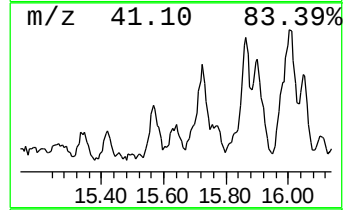
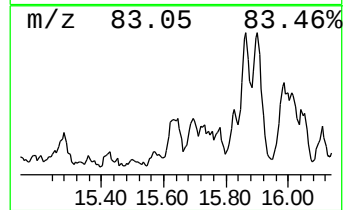
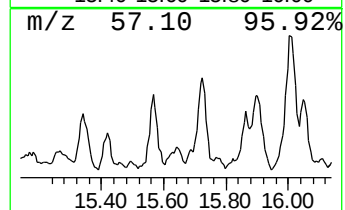
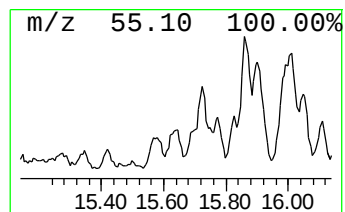
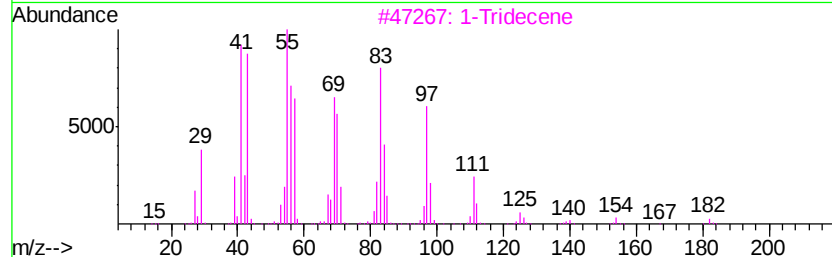
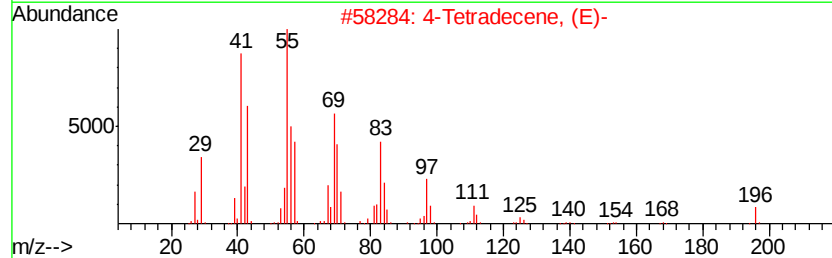
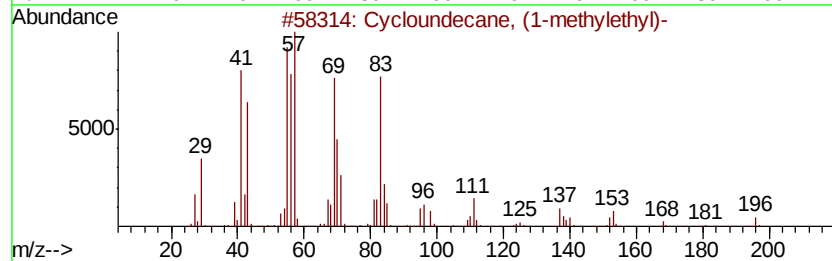
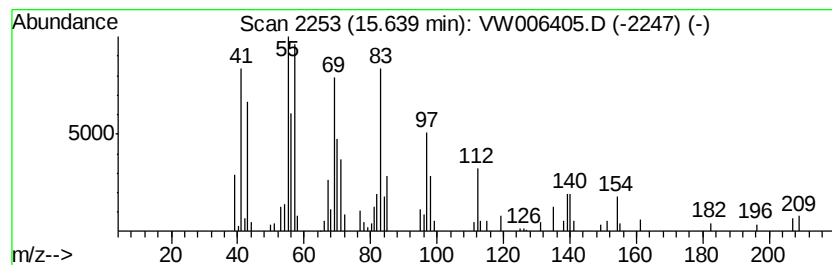
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic15.64 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	1.91 ug/L	32385	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	83
2			4-Tetradecene, (E)-	196	C14H28	041446-78-0	60
3			1-Tridecene	182	C13H26	002437-56-1	60
4			Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	53
5			3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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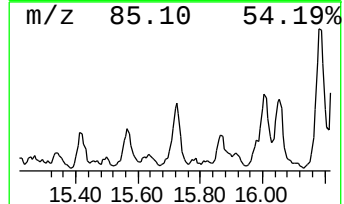
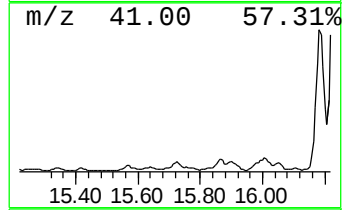
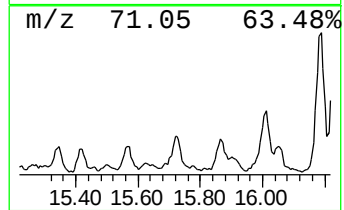
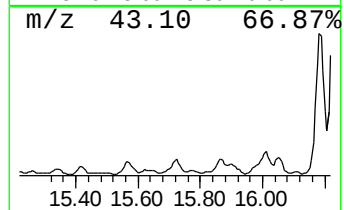
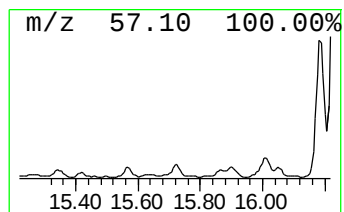
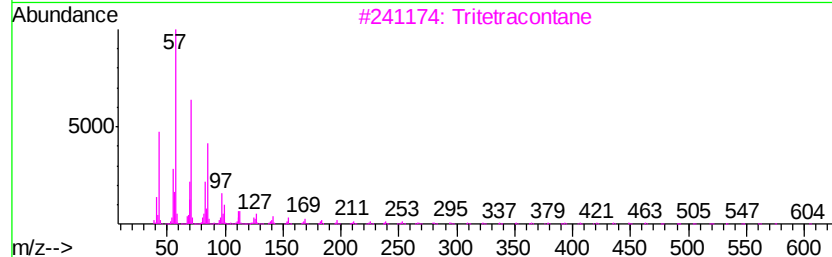
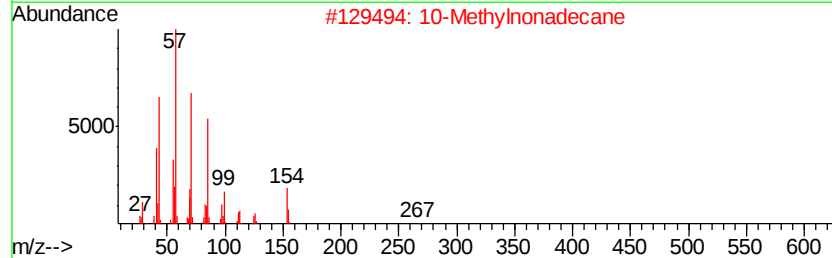
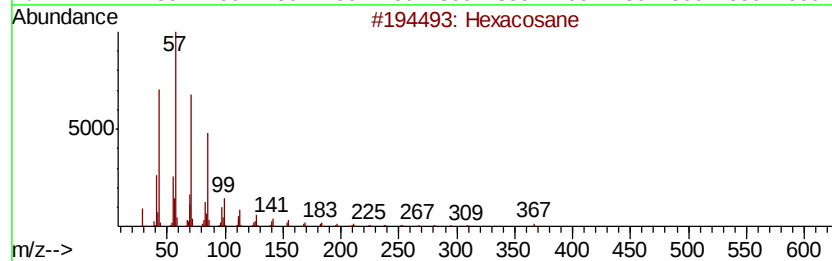
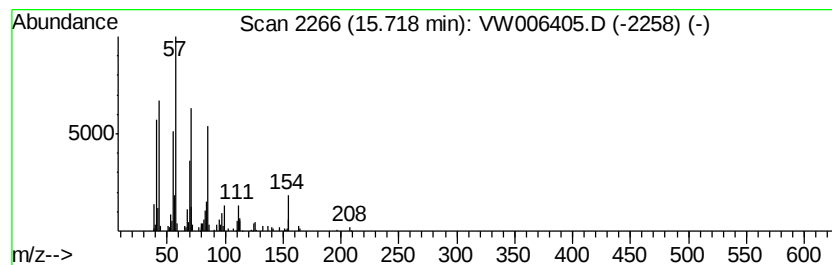
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.21 ug/L	122476	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	72
2		10-Methylnonadecane	282	C20H42	056862-62-5	62
3		Tritetracontane	605	C43H88	007098-21-7	59
4		Tetradecane	198	C14H30	000629-59-4	58
5		Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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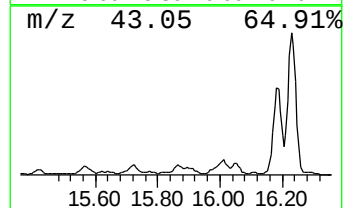
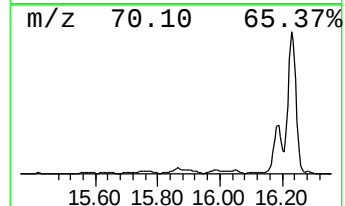
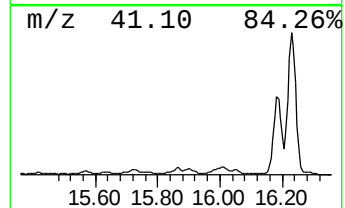
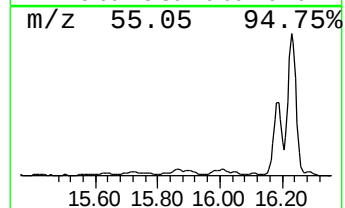
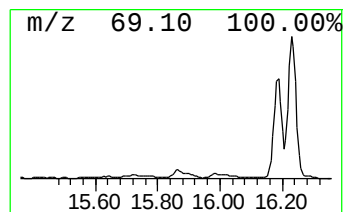
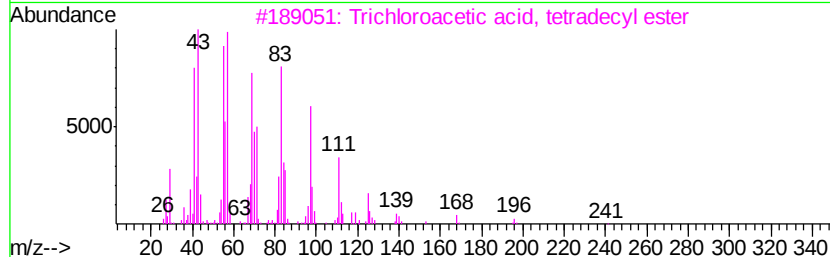
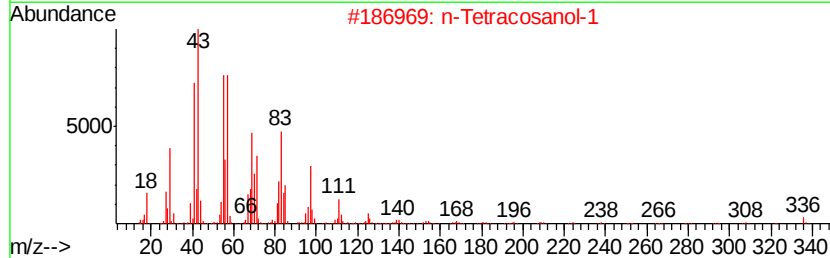
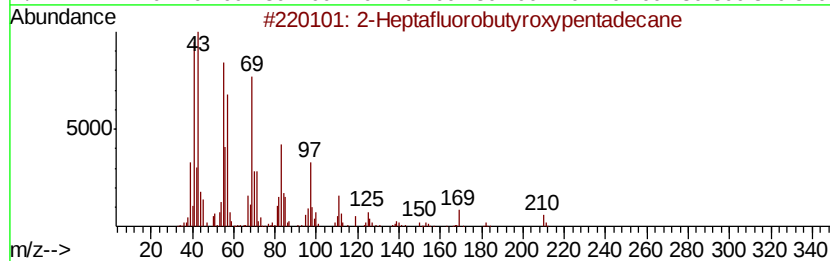
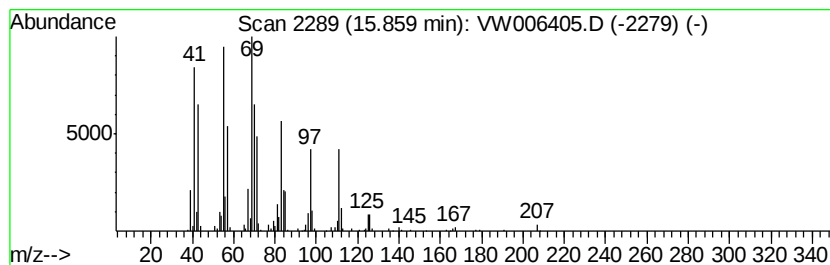
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Quant Title : VOC Analysis

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

Peak Number 29 2-Heptafluorobutyroxypentad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	8.84 ug/L	150144	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	59
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	47
3			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	46
4			4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	46
5			1-Undecene, 7-methyl-	168	C12H24	074630-42-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
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Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

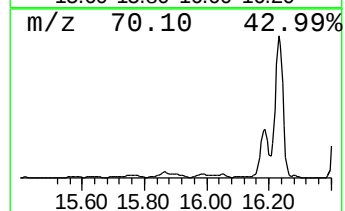
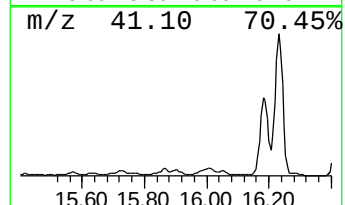
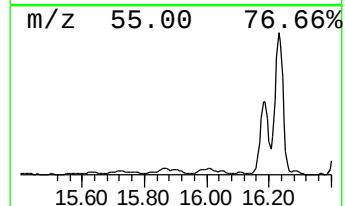
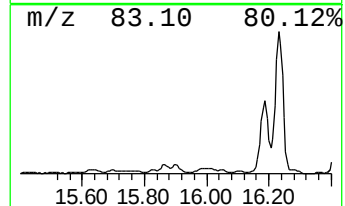
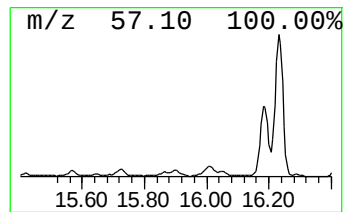
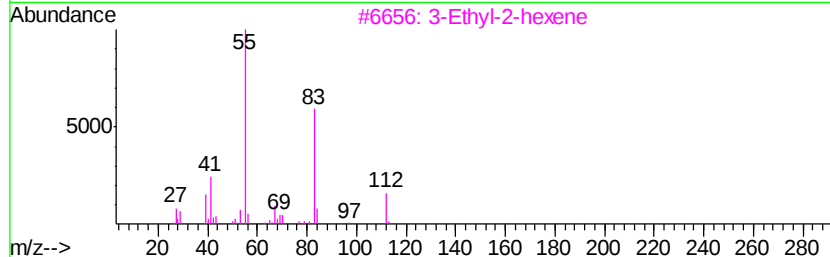
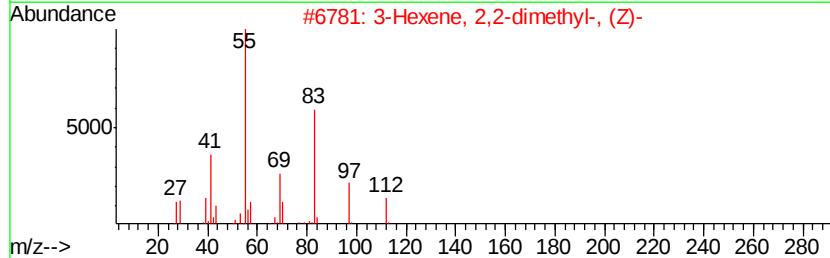
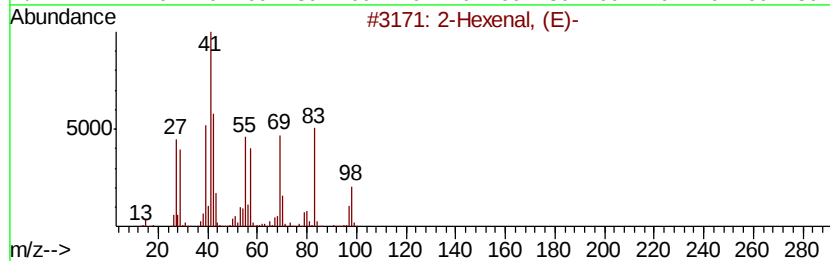
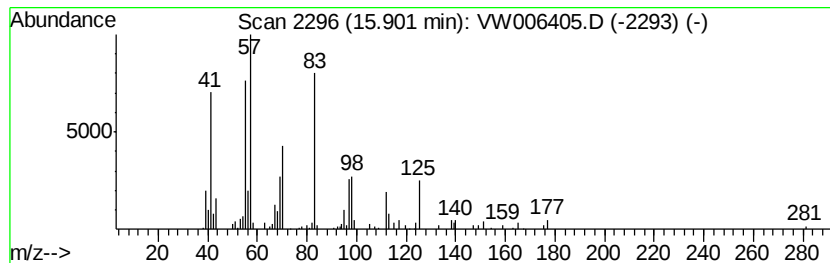
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MSVOA_W
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Quant Title : VOC Analysis

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

Peak Number 30 2-Hexenal, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	6.20 ug/L	105324	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		2-Hexenal, (E)-	98 C6H10O	006728-26-3 50
2		3-Hexene, 2,2-dimethyl-, (Z)-	112 C8H16	000690-92-6 43
3		3-Ethyl-2-hexene	112 C8H16	000620-00-8 38
4		Cyclohexane, ethyl-	112 C8H16	001678-91-7 38
5		2-Pentene, 3-ethyl-2-methyl-	112 C8H16	019780-67-7 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

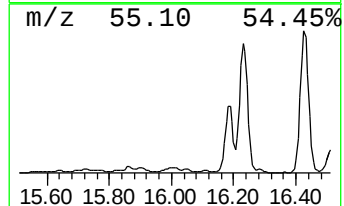
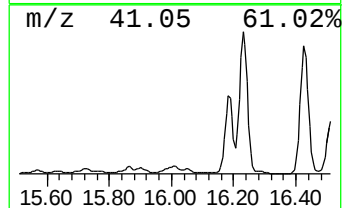
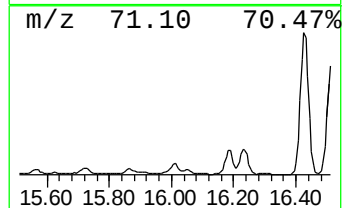
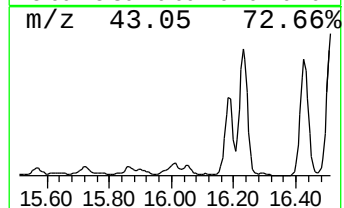
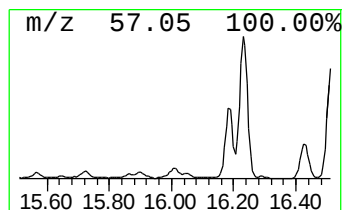
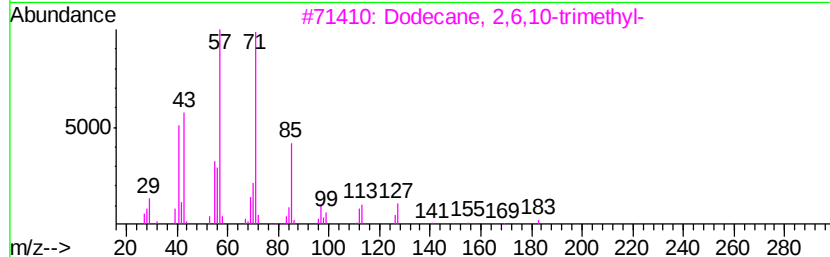
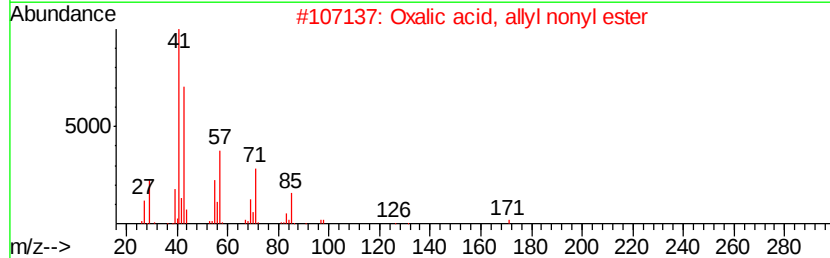
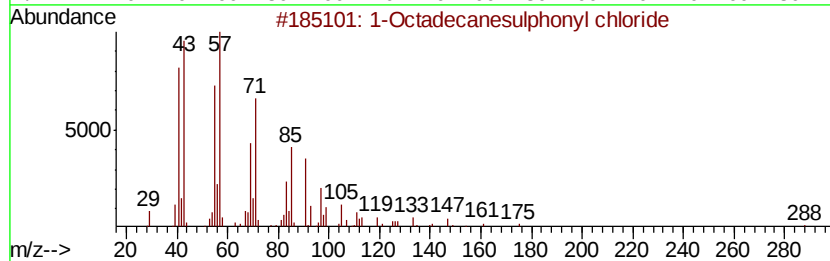
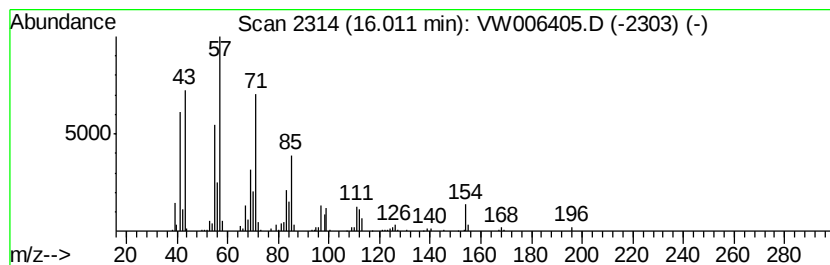
Instrument :
MSVOA_W
ClientSampleId :
A40G0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 31 1-Octadecanesulphonyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	12.75 ug/L	216566	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4 80
2		Oxalic acid, allyl nonyl ester	256 C14H24O4	1000309-23-7 58
3		Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3 58
4		Tridecane	184 C13H28	000629-50-5 49
5		Oxalic acid, allyl pentadecyl ester	340 C20H36O4	1000309-24-3 49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

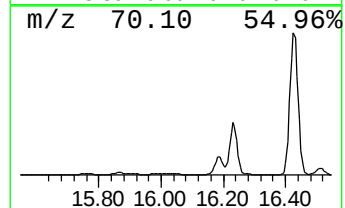
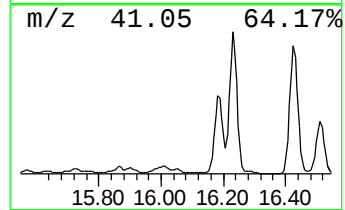
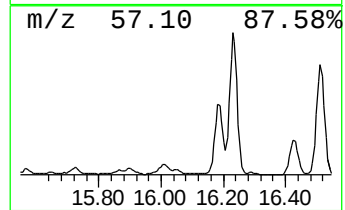
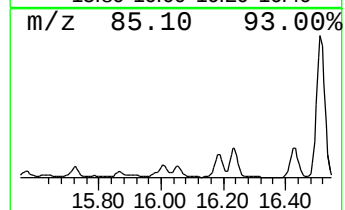
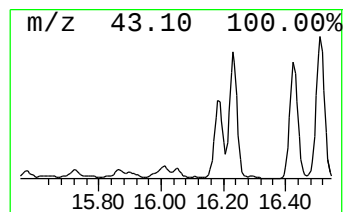
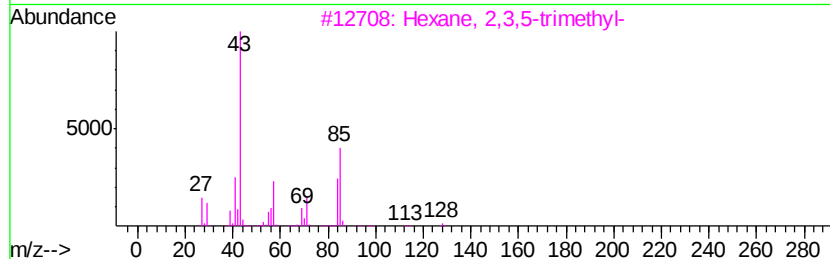
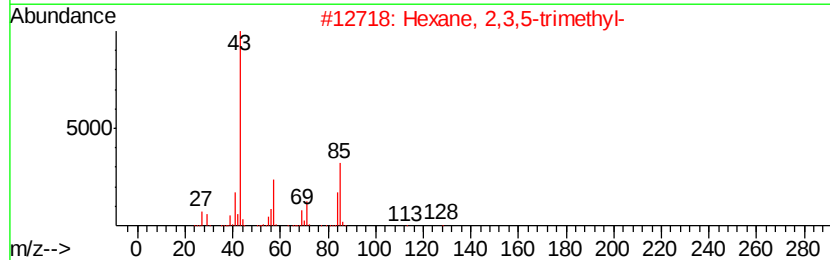
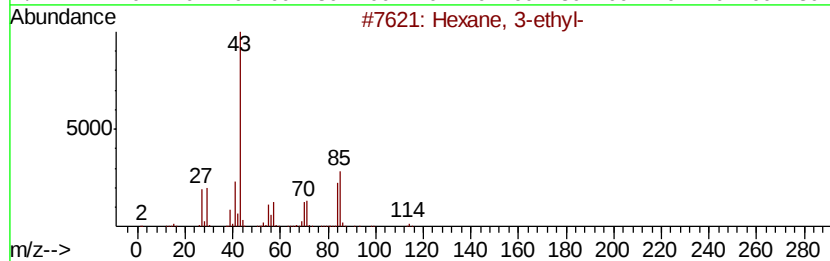
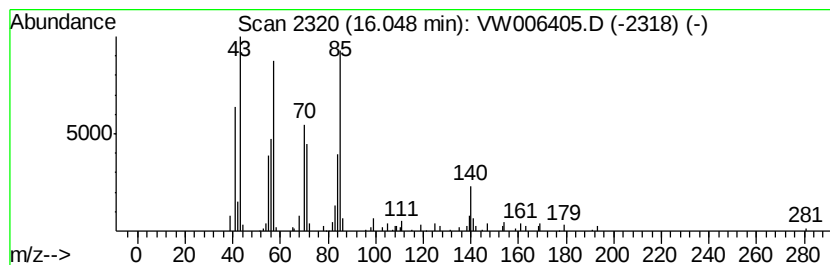
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.84 ug/L	65260	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
2			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50
3			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	49
5			Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

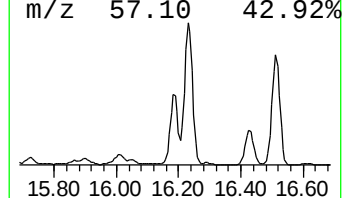
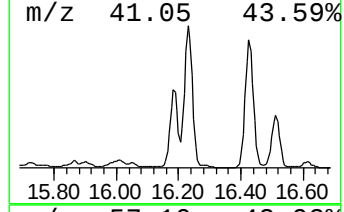
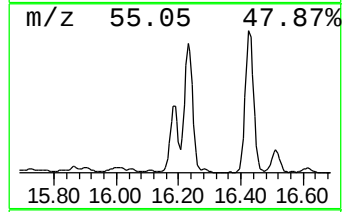
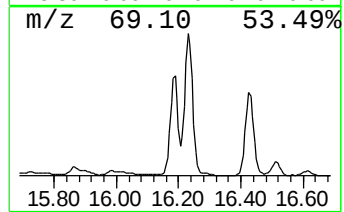
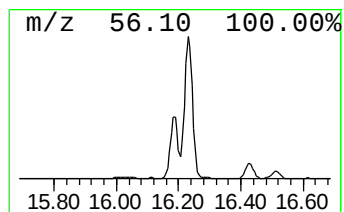
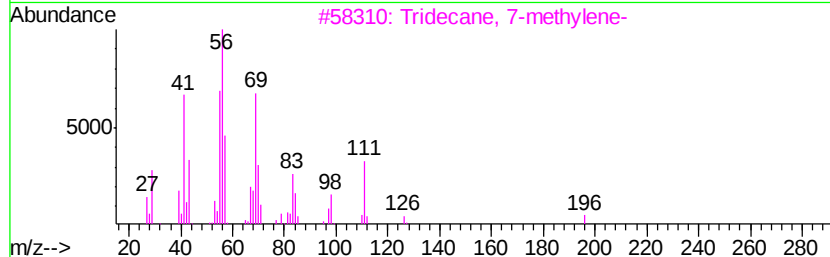
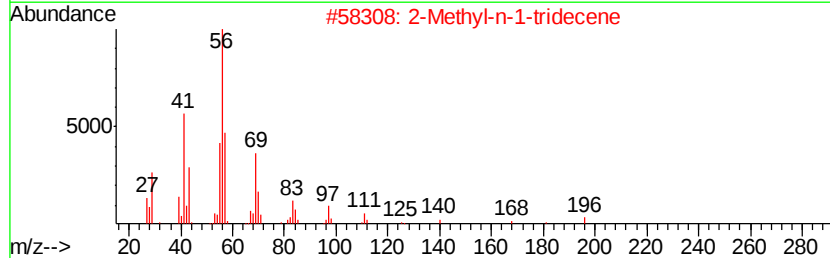
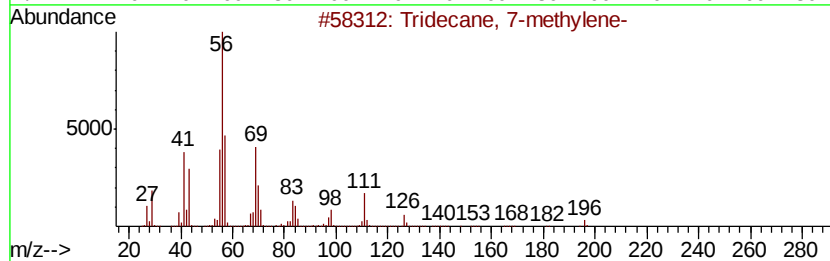
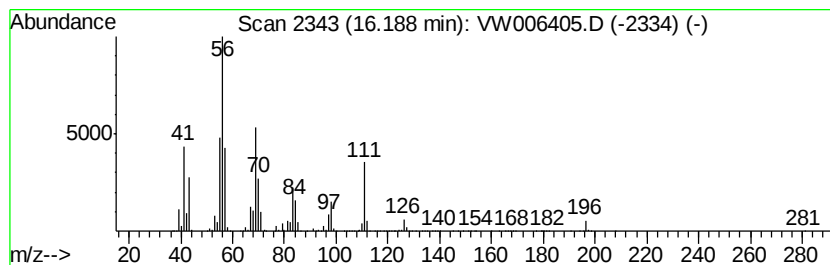
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	105.38 ug/L	1789870	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	94
2		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	72
3		Tridecane, 7-methylene-	196	C14H28	019780-80-4	70
4		Azetidine-2-one, 3-hexyl-3-methyl-	169	C10H19NO	105037-97-6	64
5		Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

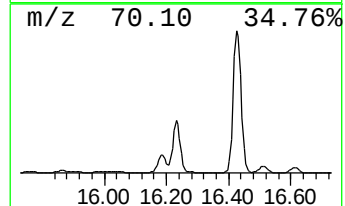
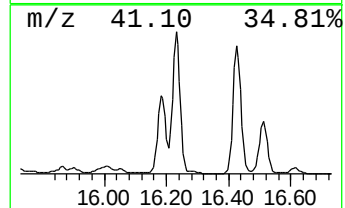
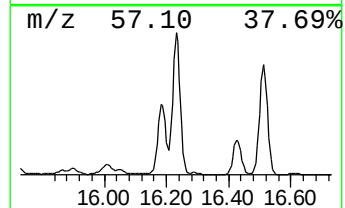
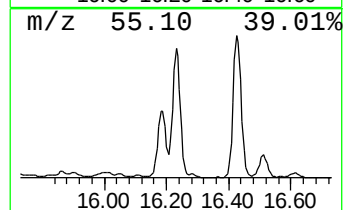
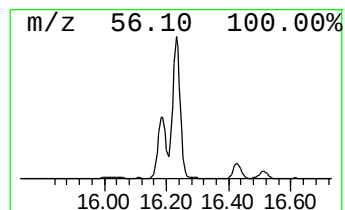
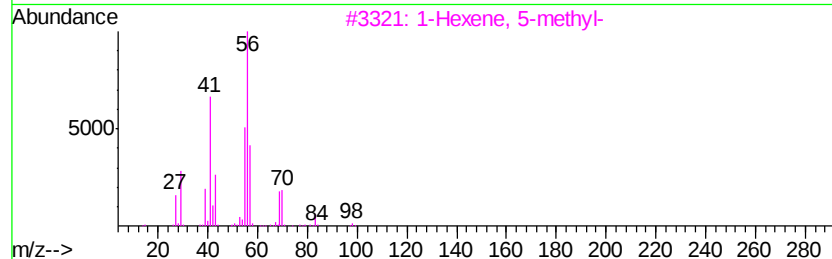
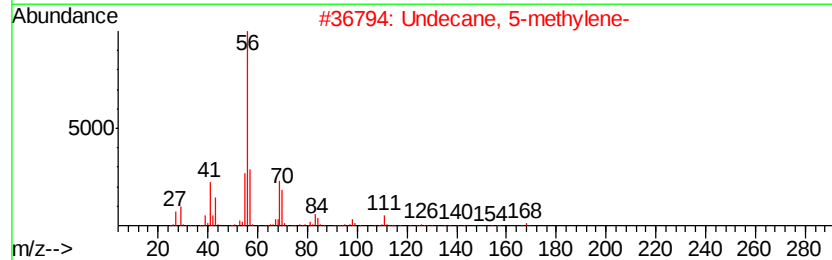
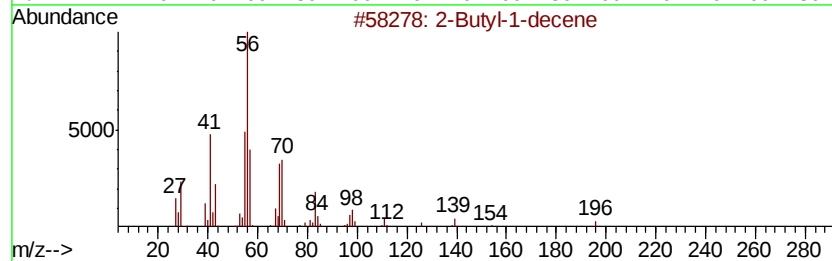
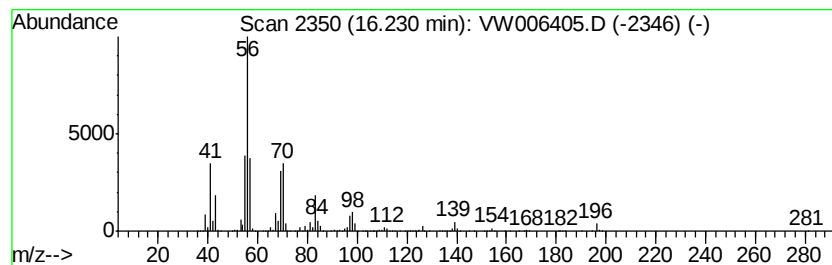
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	178.26 ug/L	3027600	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butyl-1-decene	196	C14H28	051655-65-3	95
2		Undecane, 5-methylene-	168	C12H24	005698-48-6	64
3		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	64
4		Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
5		1-Decene, 9-methyl-	154	C11H22	061142-78-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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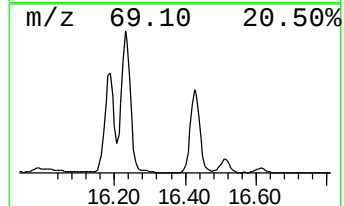
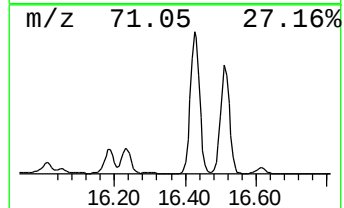
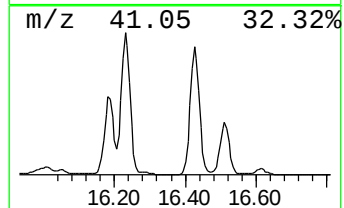
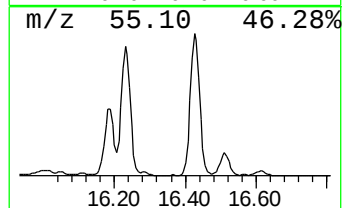
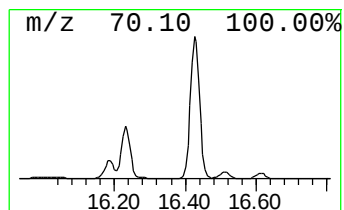
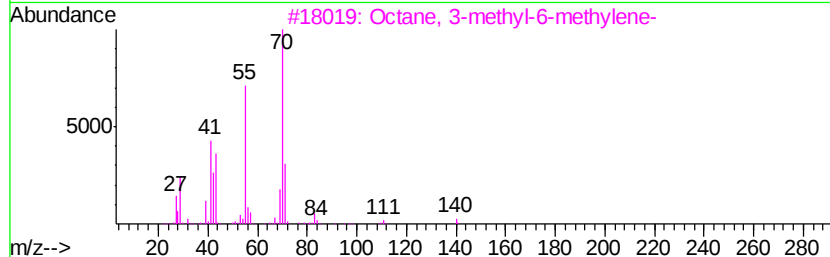
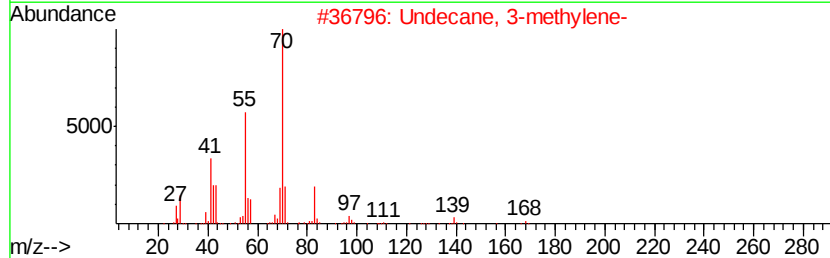
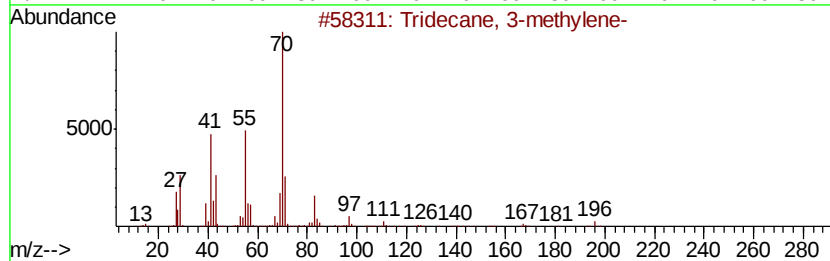
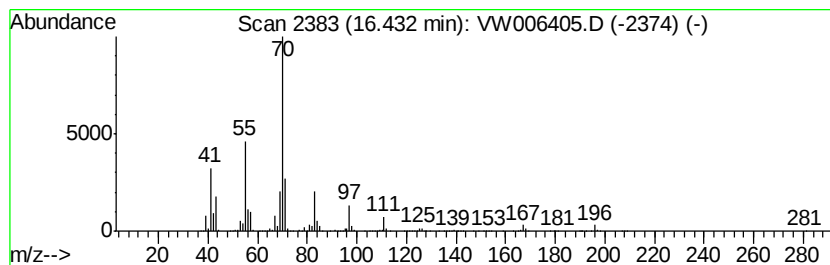
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Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	159.35 ug/L	2706540	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methylene-	196	C14H28	019780-34-8	95
2		Undecane, 3-methylene-	168	C12H24	071138-64-2	78
3		Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	59
4		2-Undecene, 3-methyl-, (E)-	168	C12H24	074630-47-0	59
5		2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

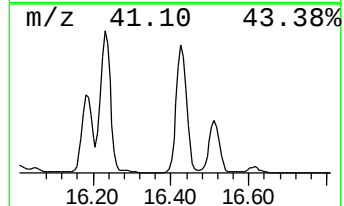
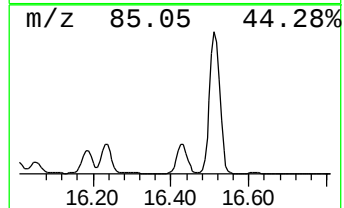
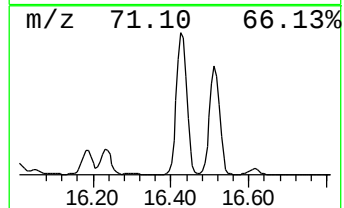
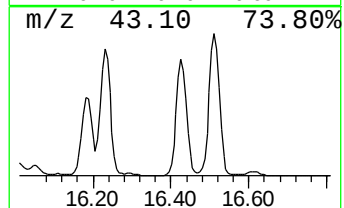
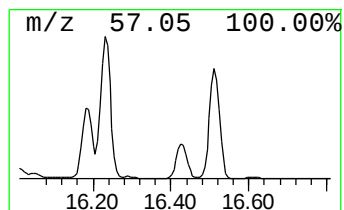
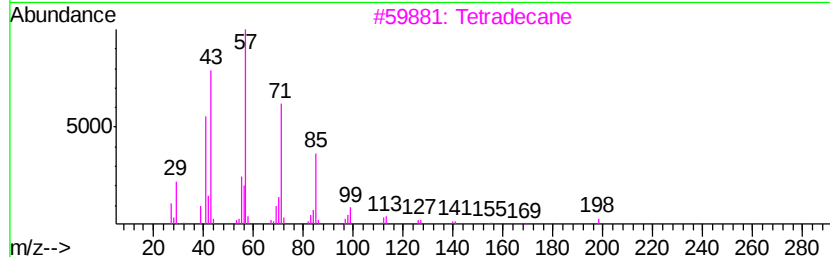
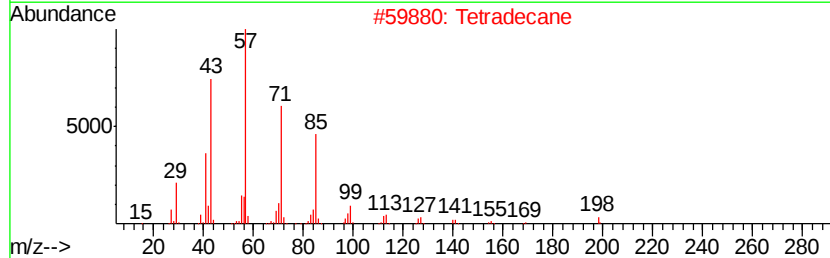
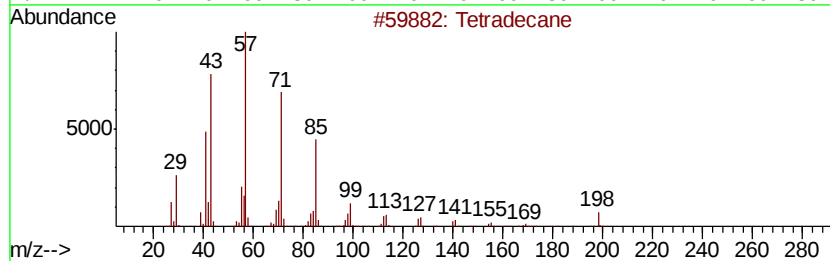
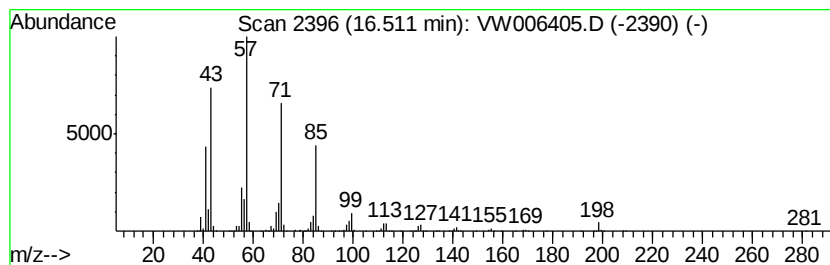
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	64.31 ug/L	1092230	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tetradecane	198	C14H30	000629-59-4	97
3		Tetradecane	198	C14H30	000629-59-4	96
4		Hexadecane	226	C16H34	000544-76-3	91
5		Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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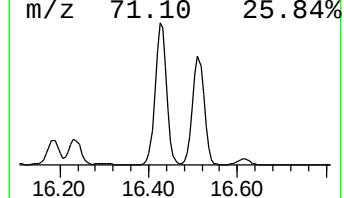
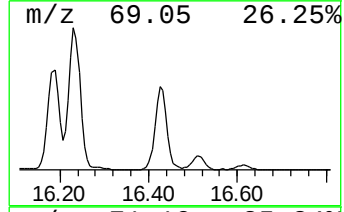
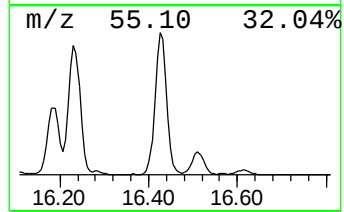
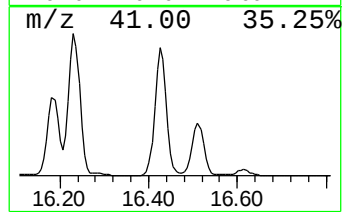
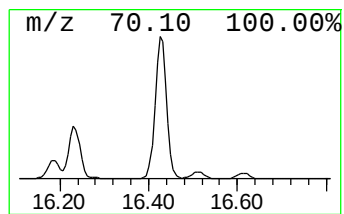
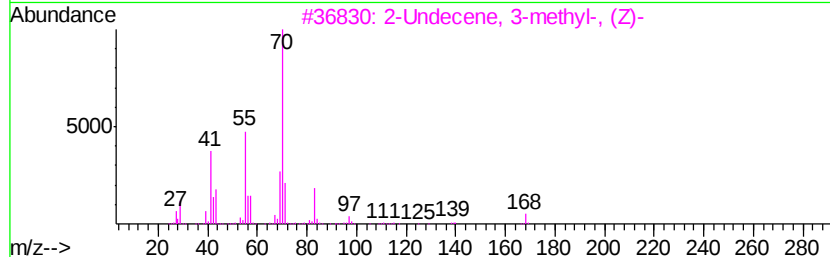
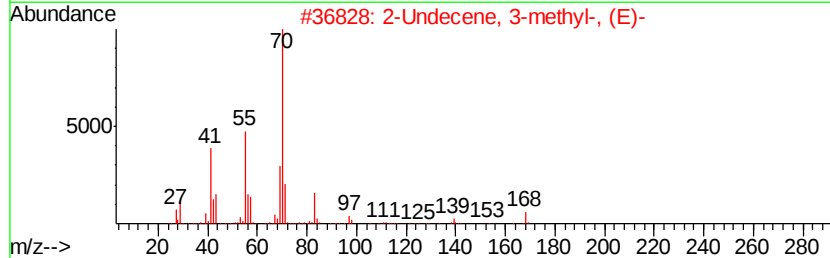
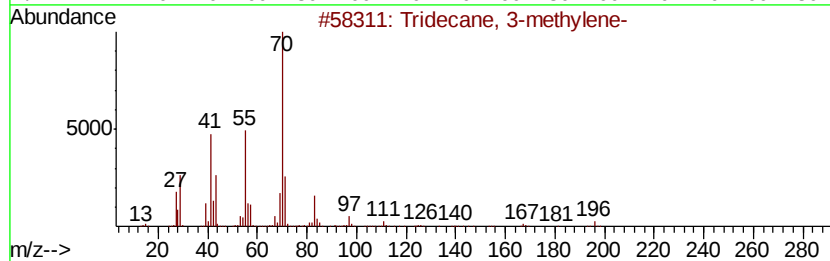
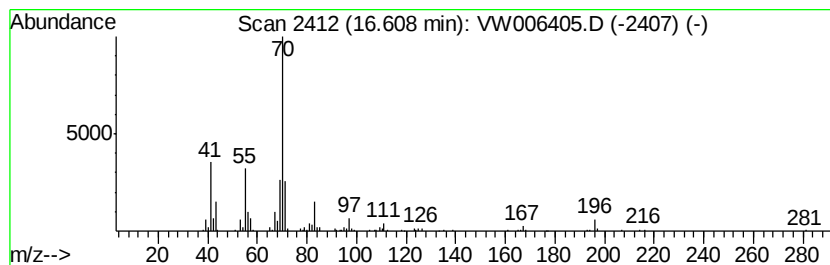
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	6.80 ug/L	115475	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methylene-	196	C14H28	019780-34-8	86
2			2-Undecene, 3-methyl-, (E)-	168	C12H24	074630-47-0	72
3			2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	72
4			2-Decene, 3-methyl-, (Z)-	154	C11H22	074630-26-5	72
5			Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006405.D
 Acq On : 26 Oct 2018 14:23
 Operator : SY/AP
 Sample : J5635-24
 Misc : 4.79G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.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: Str...	12.60	3.4	ug/L	82056	2	11.63	598793	25.0
(DEL) Alkane: Str...	12.77	3.4	ug/L	57810	3	13.57	424610	25.0
Hexanal, 2-ethyl-	12.90	4.4	ug/L	75047	3	13.57	424610	25.0
(DEL) Alkane: Str...	12.94	8.0	ug/L	135480	3	13.57	424610	25.0
(DEL) Alkane: Str...	13.09	1.3	ug/L	22804	3	13.57	424610	25.0
(DEL) Alkane: Str...	13.20	20.8	ug/L	353643	3	13.57	424610	25.0
(DEL) Alkane: Str...	13.31	6.1	ug/L	104060	3	13.57	424610	25.0
(DEL) Alkane: Str...	13.41	45.1	ug/L	765630	3	13.57	424610	25.0
(DEL) Alkane: Str...	13.72	3.1	ug/L	52802	3	13.57	424610	25.0
(DEL) Alkane: Str...	13.77	25.5	ug/L	432520	3	13.57	424610	25.0
unknown-01	13.96	9.0	ug/L	152998	3	13.57	424610	25.0
(DEL) Alkane: Str...	14.04	1.5	ug/L	24623	3	13.57	424610	25.0
(DEL) Alkane: Str...	14.08	7.8	ug/L	131584	3	13.57	424610	25.0
(DEL) Alkane: Str...	14.12	17.6	ug/L	299211	3	13.57	424610	25.0
unknown-02	14.20	2.1	ug/L	35786	3	13.57	424610	25.0
(DEL) Alkane: Str...	14.27	4.4	ug/L	74764	3	13.57	424610	25.0
(DEL) Alkane: Str...	14.40	1.3	ug/L	22643	3	13.57	424610	25.0
unknown-03	14.43	2.3	ug/L	39649	3	13.57	424610	25.0
(DEL) Alkane: Str...	14.51	29.8	ug/L	506090	3	13.57	424610	25.0
(DEL) Alkane: Str...	14.66	7.7	ug/L	130344	3	13.57	424610	25.0
(DEL) Alkane: Str...	14.73	13.1	ug/L	223065	3	13.57	424610	25.0
(DEL) Alkane: Str...	14.85	2.7	ug/L	46525	3	13.57	424610	25.0
(DEL) Alkane: Str...	15.26	1.3	ug/L	21513	3	13.57	424610	25.0
(DEL) Alkane: Str...	15.34	2.2	ug/L	36980	3	13.57	424610	25.0
(DEL) Alkane: Str...	15.42	2.3	ug/L	38643	3	13.57	424610	25.0
(DEL) Alkane: Cyc...	15.64	1.9	ug/L	32385	3	13.57	424610	25.0
(DEL) Alkane: Str...	15.72	7.2	ug/L	122476	3	13.57	424610	25.0
2-Heptafluorobuty...	15.86	8.8	ug/L	150144	3	13.57	424610	25.0
2-Hexenal, (E)-	15.90	6.2	ug/L	105324	3	13.57	424610	25.0
1-Octadecanesulph...	16.01	12.8	ug/L	216566	3	13.57	424610	25.0
(DEL) Alkane: Str...	16.05	3.8	ug/L	65260	3	13.57	424610	25.0
(DEL) Alkane: Str...	16.19	105.4	ug/L	1789870	3	13.57	424610	25.0
(DEL) Alkane: Str...	16.23	178.3	ug/L	3027600	3	13.57	424610	25.0
(DEL) Alkane: Str...	16.43	159.3	ug/L	2706540	3	13.57	424610	25.0
(DEL) Alkane: Str...	16.51	64.3	ug/L	1092230	3	13.57	424610	25.0
(DEL) Alkane: Str...	16.61	6.8	ug/L	115475	3	13.57	424610	25.0