

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
 Data File : VW011768.D
 Acq On : 08 Aug 2019 12:05
 Operator : SY/VA
 Sample : K4215-07
 Misc : 5.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB8

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\SOM2WLM073019S.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	1.965	5	10	23	rVB3	11642	29596	3.06%	0.313%
2	2.154	36	41	43	rBV2	8107	14447	1.49%	0.153%
3	2.349	65	73	83	rBV	68525	124013	12.81%	1.311%
4	2.495	93	97	102	rBV	4655	7892	0.82%	0.083%
5	2.885	154	161	173	rBV	41891	98138	10.14%	1.038%
6	3.300	222	229	232	rVV6	1358	2967	0.31%	0.031%
7	3.385	236	243	253	rVB5	6027	17955	1.85%	0.190%
8	3.519	261	265	268	rBV5	673	789	0.08%	0.008%
9	3.592	271	277	283	rVB7	2150	5015	0.52%	0.053%
10	3.751	297	303	307	rBV7	959	1863	0.19%	0.020%
11	3.842	313	318	320	rBV4	3322	5338	0.55%	0.056%
12	4.013	335	346	357	rBV	106053	306313	31.64%	3.239%
13	4.129	359	365	377	rVB4	7787	25204	2.60%	0.266%
14	4.373	400	405	406	rBV	1986	2476	0.26%	0.026%
15	4.684	452	456	458	rBV3	667	707	0.07%	0.007%
16	4.739	462	465	466	rBV2	658	785	0.08%	0.008%
17	4.763	466	469	471	rBV4	1139	1326	0.14%	0.014%
18	4.897	482	491	492	rBV7	3279	6187	0.64%	0.065%
19	5.202	540	541	545	rVB2	769	677	0.07%	0.007%
20	5.434	571	579	589	rVB4	2515	7414	0.77%	0.078%
21	5.671	613	618	621	rVB2	662	927	0.10%	0.010%
22	5.769	621	634	635	rBV6	3497	8436	0.87%	0.089%
23	5.940	654	662	670	rVV4	2970	8840	0.91%	0.093%
24	6.104	681	689	690	rBV4	1237	2400	0.25%	0.025%
25	6.208	702	706	708	rVV4	538	762	0.08%	0.008%
26	6.232	708	710	713	rBV3	558	918	0.09%	0.010%
27	6.299	718	721	728	rVB5	1041	2058	0.21%	0.022%
28	6.427	738	742	744	rBV4	677	928	0.10%	0.010%
29	6.500	750	754	755	rBV2	594	686	0.07%	0.007%
30	6.726	786	791	798	rVB5	1089	1954	0.20%	0.021%
31	6.891	812	818	819	rBV4	1187	1707	0.18%	0.018%
32	6.976	828	832	836	rBV5	1408	2090	0.22%	0.022%
33	7.080	840	849	854	rBV	37238	104034	10.75%	1.100%
34	7.525	918	922	928	rVV8	1236	2183	0.23%	0.023%

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35	7.647	930	942	958	rBV	152085	377615	39.01%	3.993%
36	7.854	970	976	982	rVB10	1012	2186	0.23%	0.023%
37	7.939	982	990	991	rBV4	1190	2591	0.27%	0.027%
38	8.031	1000	1005	1014	rVB7	1979	5530	0.57%	0.058%
39	8.146	1018	1024	1026	rBV3	1621	2491	0.26%	0.026%
40	8.274	1035	1045	1062	rBV2	309989	968098	100.00%	10.236%
41	8.689	1107	1113	1118	rBV5	1212	2507	0.26%	0.027%
42	8.841	1130	1138	1152	rBV	289870	582615	60.18%	6.160%
43	9.037	1166	1170	1172	rBV5	1487	2238	0.23%	0.024%
44	9.122	1182	1184	1186	rVB3	850	674	0.07%	0.007%
45	9.274	1200	1209	1224	rBV	226684	462521	47.78%	4.890%
46	9.415	1228	1232	1243	rVV5	3092	6414	0.66%	0.068%
47	9.512	1246	1248	1253	rVB3	1055	1287	0.13%	0.014%
48	9.671	1268	1274	1280	rVB8	1452	4127	0.43%	0.044%
49	9.750	1284	1287	1290	rBV4	1596	2335	0.24%	0.025%
50	9.823	1294	1299	1300	rBV3	644	1116	0.12%	0.012%
51	9.860	1301	1305	1308	rVV4	824	1167	0.12%	0.012%
52	9.902	1309	1312	1317	rVB6	1221	1801	0.19%	0.019%
53	10.036	1326	1334	1344	rBV	111069	209002	21.59%	2.210%
54	10.207	1358	1362	1367	rBV7	1225	2413	0.25%	0.026%
55	10.323	1372	1381	1389	rBV	405202	710974	73.44%	7.518%
56	10.390	1389	1392	1397	rVB2	4352	6939	0.72%	0.073%
57	10.500	1405	1410	1415	rVB7	1553	3519	0.36%	0.037%
58	10.579	1415	1423	1436	rBV2	74939	134686	13.91%	1.424%
59	10.701	1438	1443	1450	rBV	9030	16089	1.66%	0.170%
60	10.926	1473	1480	1494	rBV	128181	227714	23.52%	2.408%
61	11.067	1496	1503	1511	rVV4	17263	34207	3.53%	0.362%
62	11.134	1512	1514	1518	rVB4	1310	1479	0.15%	0.016%
63	11.231	1525	1530	1534	rBV6	2587	3978	0.41%	0.042%
64	11.439	1562	1564	1570	rVB4	2631	3613	0.37%	0.038%
65	11.524	1570	1578	1582	rBV8	2456	6821	0.70%	0.072%
66	11.634	1588	1596	1607	rBV	374031	657165	67.88%	6.949%
67	11.731	1609	1612	1616	rVB3	2425	3192	0.33%	0.034%
68	11.810	1623	1625	1626	rBV2	1368	1007	0.10%	0.011%
69	11.841	1628	1630	1634	rVB4	2317	2918	0.30%	0.031%
70	12.134	1670	1678	1681	rBV6	5070	9970	1.03%	0.105%
71	12.249	1690	1697	1703	rVB	9932	17453	1.80%	0.185%

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72	12.298	1703	1705	1707	rBV	1517	1666	0.17%	0.018%
73	12.365	1707	1716	1723	rVV6	10001	27039	2.79%	0.286%
74	12.475	1730	1734	1737	rBV6	4080	5964	0.62%	0.063%
75	12.609	1752	1756	1760	rBV2	14891	21451	2.22%	0.227%
76	12.646	1760	1762	1764	rBV2	2662	2822	0.29%	0.030%
77	12.694	1764	1770	1777	rVB	160763	267028	27.58%	2.823%
78	12.780	1781	1784	1792	rVB6	11120	19600	2.02%	0.207%
79	12.877	1792	1800	1803	rBV6	7593	18454	1.91%	0.195%
80	12.932	1803	1809	1817	rBV	60437	107512	11.11%	1.137%
81	13.042	1823	1827	1829	rBV3	4777	6832	0.71%	0.072%
82	13.079	1830	1833	1836	rVV4	5826	8572	0.89%	0.091%
83	13.164	1843	1847	1854	rVB2	36387	51744	5.34%	0.547%
84	13.347	1873	1877	1880	rBV2	17648	25019	2.58%	0.265%
85	13.487	1897	1900	1903	rBV	21549	27660	2.86%	0.292%
86	13.560	1906	1912	1919	rVV	345784	574444	59.34%	6.074%
87	13.627	1919	1923	1929	rVB	27639	43156	4.46%	0.456%
88	13.871	1954	1963	1968	rBV2	348526	896866	92.64%	9.483%
89	14.133	2003	2006	2012	rVB	47775	72011	7.44%	0.761%
90	14.267	2024	2028	2033	rBV4	23632	39447	4.07%	0.417%
91	14.353	2038	2042	2044	rBV3	50603	79693	8.23%	0.843%
92	14.432	2052	2055	2061	rVB	67313	97506	10.07%	1.031%
93	14.499	2062	2066	2070	rBV	49365	69520	7.18%	0.735%
94	14.725	2098	2103	2108	rBV	269716	396970	41.01%	4.197%
95	14.804	2112	2116	2118	rVV4	64841	112627	11.63%	1.191%
96	14.840	2119	2122	2130	rVB	182260	293121	30.28%	3.099%
97	15.328	2198	2202	2209	rVB	149419	238560	24.64%	2.522%
98	15.554	2235	2239	2248	rVB	200110	352801	36.44%	3.730%
99	16.291	2356	2360	2367	rVB2	77244	148181	15.31%	1.567%
100	16.499	2389	2394	2400	rBV2	97154	173835	17.96%	1.838%

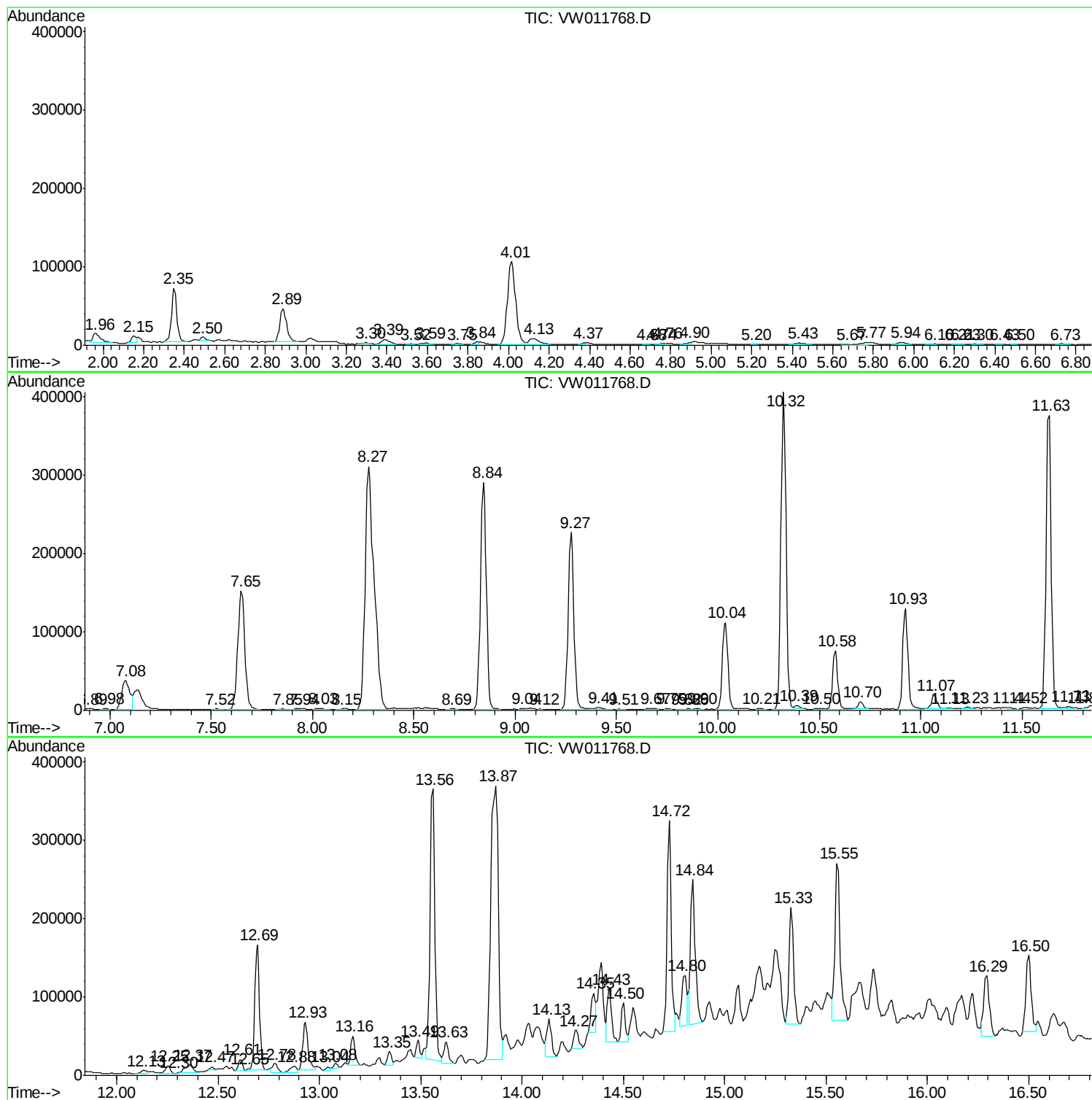
Sum of corrected areas: 9457578

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



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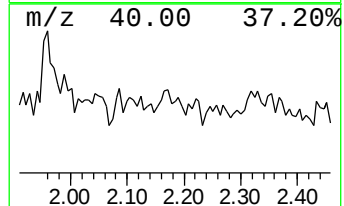
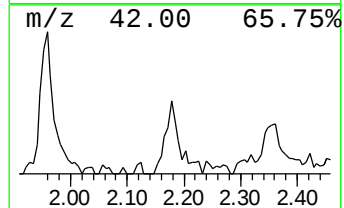
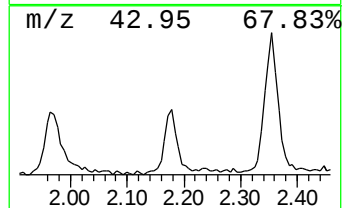
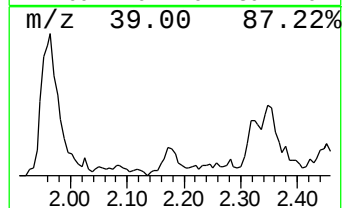
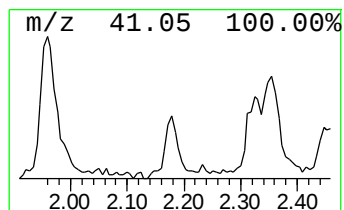
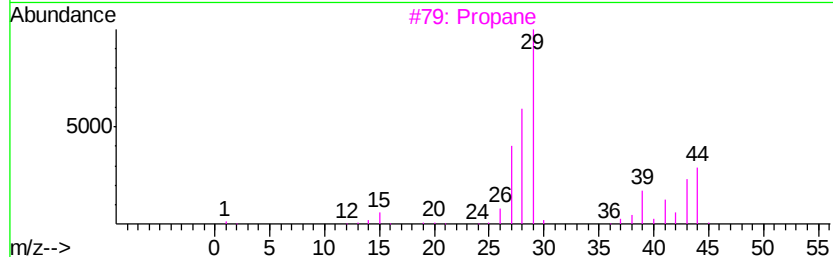
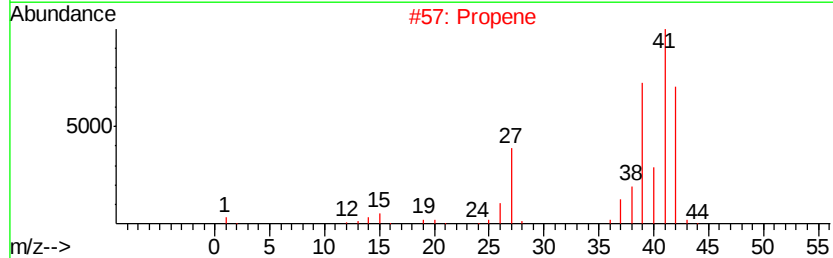
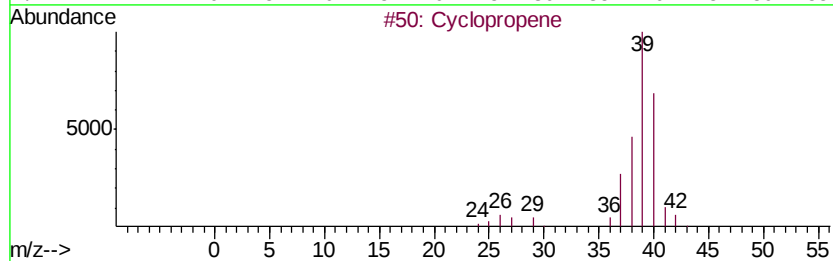
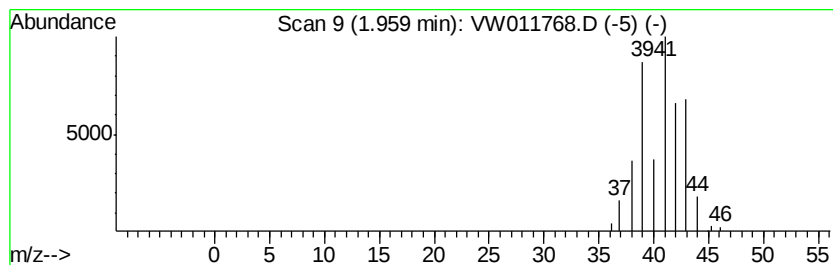
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 1 Cyclopropene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	1.27 ug/L	29596	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropene	40	C3H4	002781-85-3	50
2			Propene	42	C3H6	000115-07-1	9
3			Propane	44	C3H8	000074-98-6	4
4			Propane	44	C3H8	000074-98-6	4
5			Pyrimidine-2,4(1H,3H)-dione, 5-a...	156	C4H4N4O3	1000270-67-7	2



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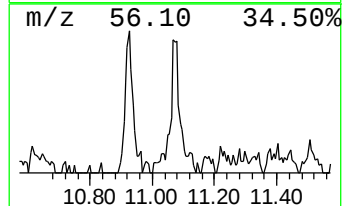
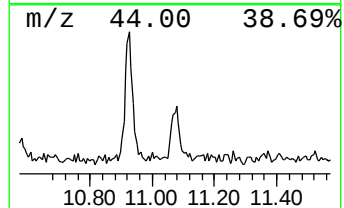
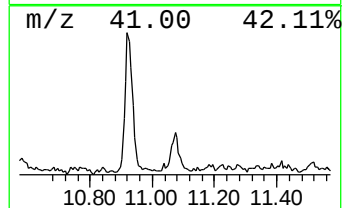
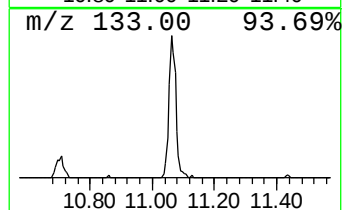
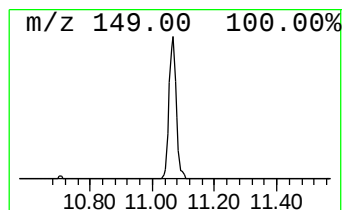
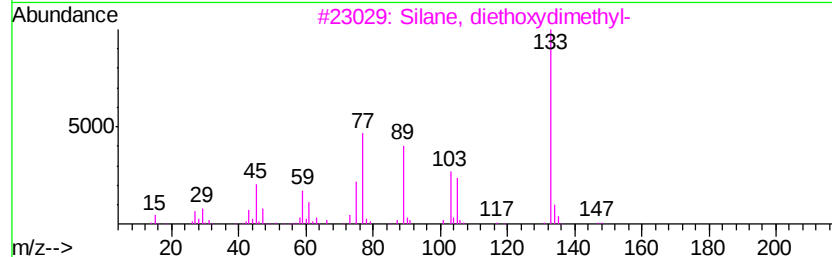
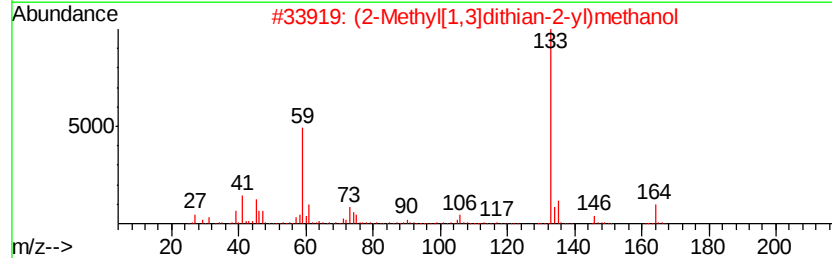
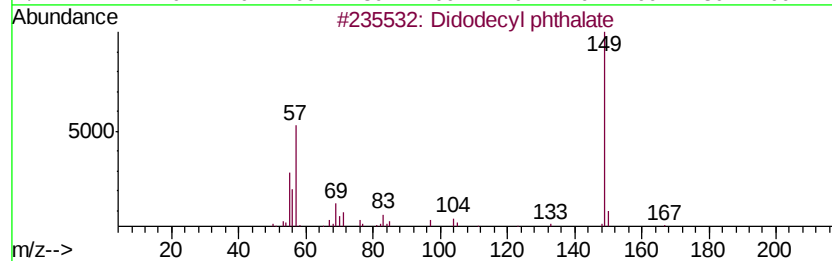
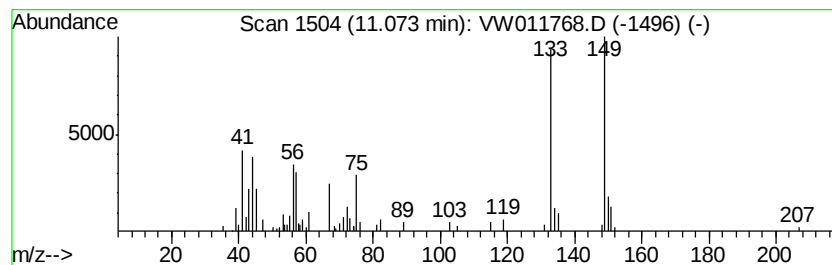
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Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.30 ug/L	34207	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Didodecyl phthalate	502	C32H54O4	002432-90-8	25
2		(2-Methyl[1,3]dithian-2-yl)methanol	164	C6H12OS2	1000191-37-4	22
3		Silane, diethoxydimethyl-	148	C6H16O2Si	000078-62-6	16
4		2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	14
5		Phthalic acid, pent-4-enyl tetra...	430	C27H42O4	1000360-47-3	12



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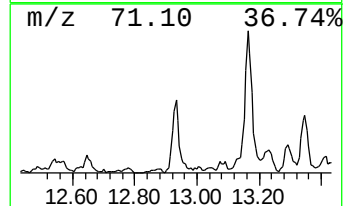
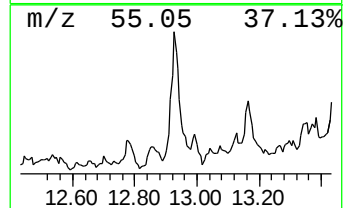
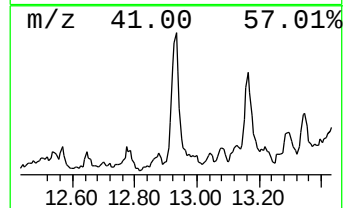
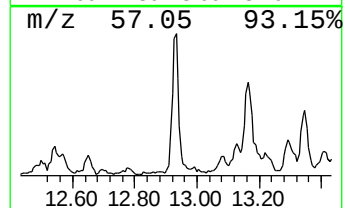
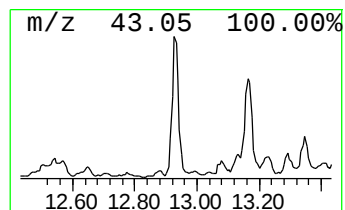
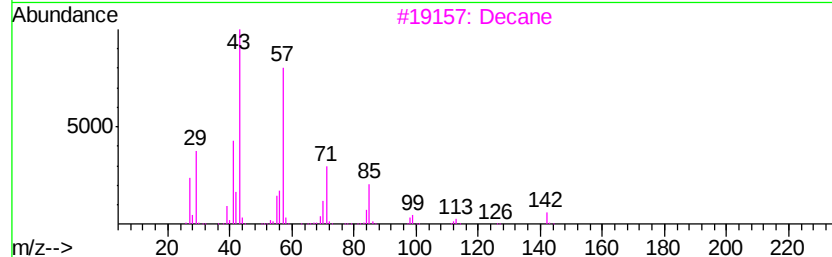
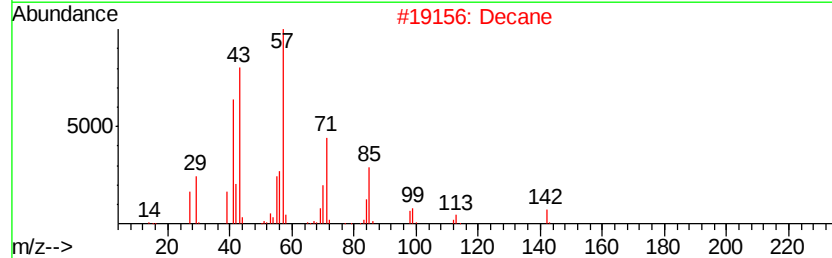
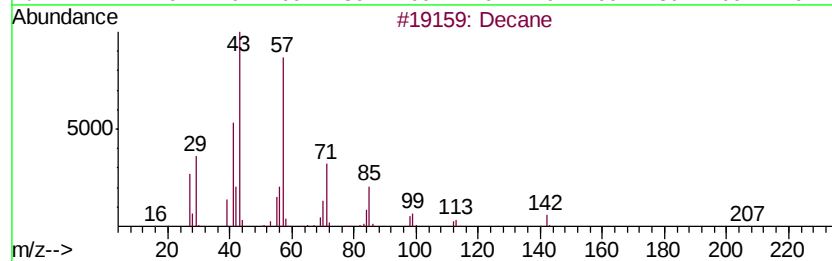
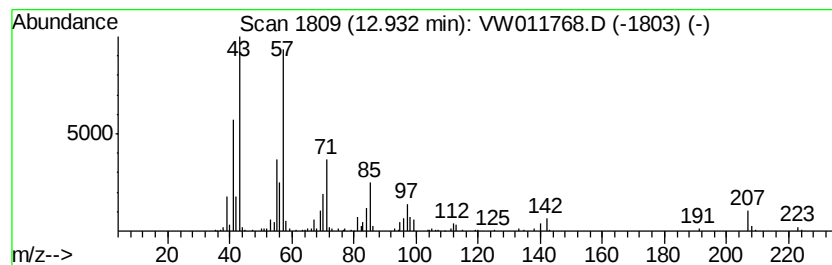
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.68 ug/L	107512	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 93
2	Decane		142 C10H22	000124-18-5 93
3	Decane		142 C10H22	000124-18-5 76
4	Octadecane, 1-(ethenyloxy)-		296 C20H40O	000930-02-9 72
5	Nonane		128 C9H20	000111-84-2 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

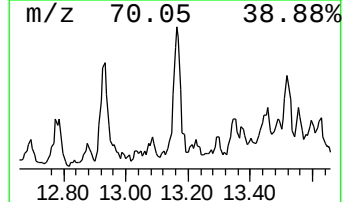
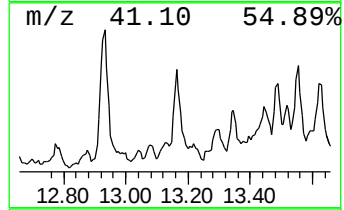
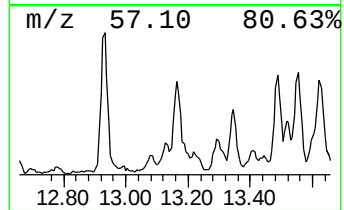
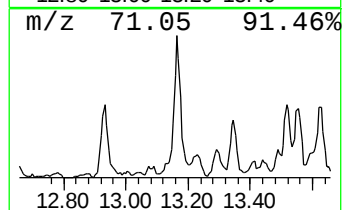
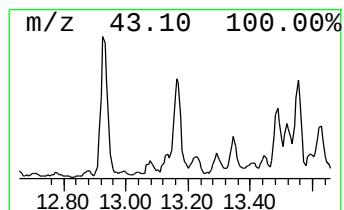
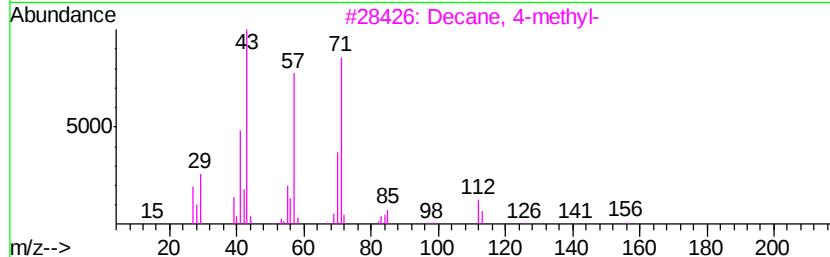
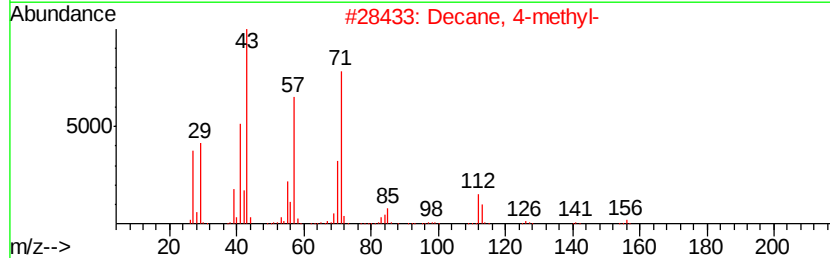
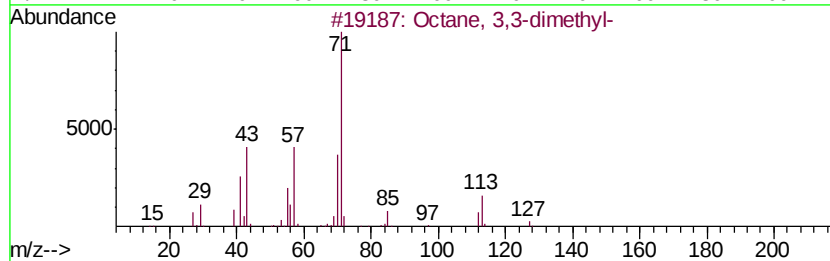
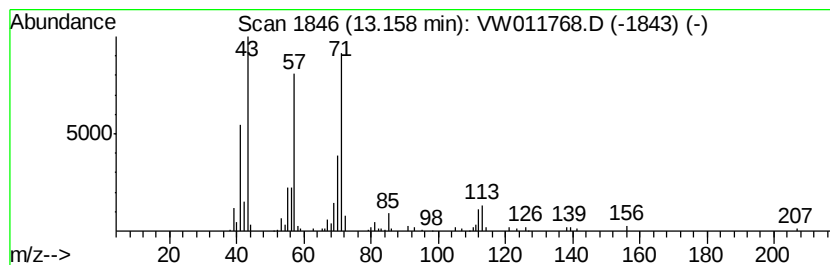
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Quant Title : VOC Analysis

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.
13.16	2.25 ug/L	51744	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2		Decane, 4-methyl-	156	C11H24	002847-72-5	72
3		Decane, 4-methyl-	156	C11H24	002847-72-5	72
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

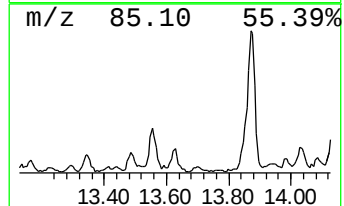
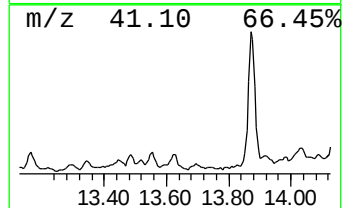
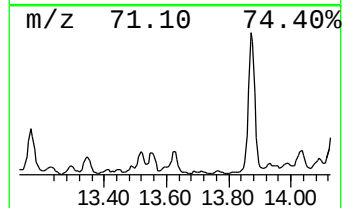
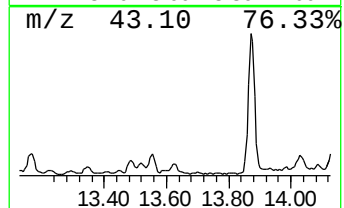
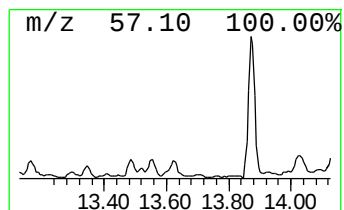
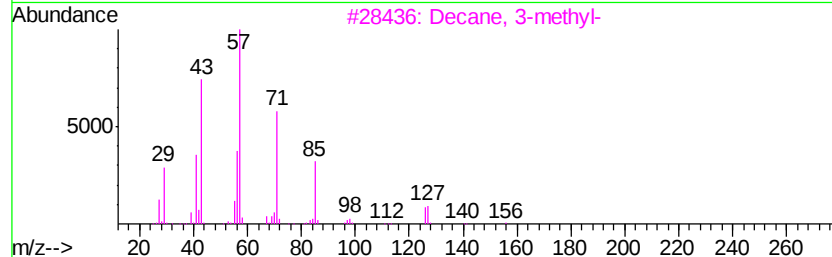
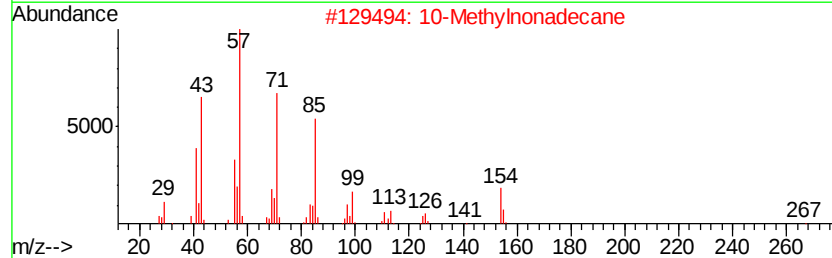
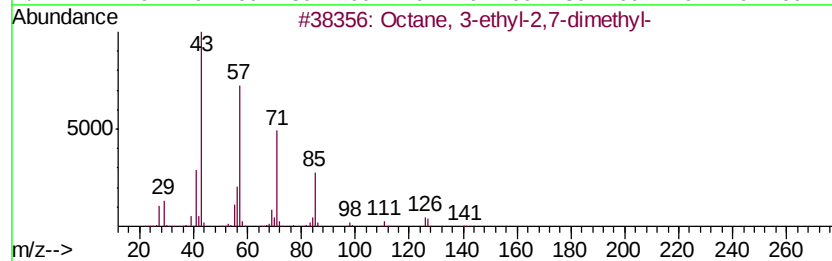
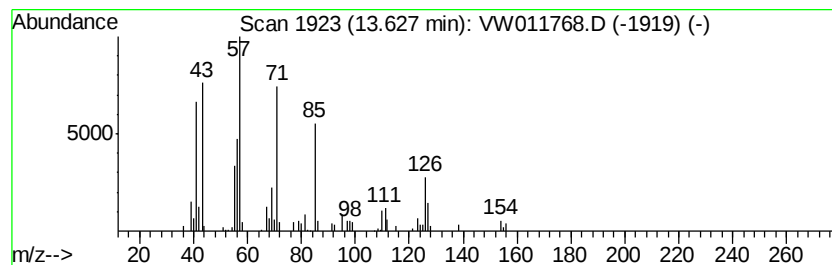
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	1.88 ug/L	43156	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
2			10-Methylnonadecane	282	C20H42	056862-62-5	53
3			Decane, 3-methyl-	156	C11H24	013151-34-3	53
4			Heptadecane	240	C17H36	000629-78-7	50
5			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

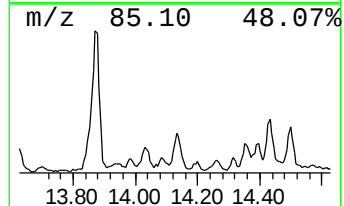
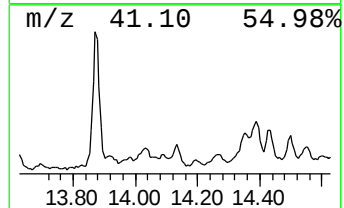
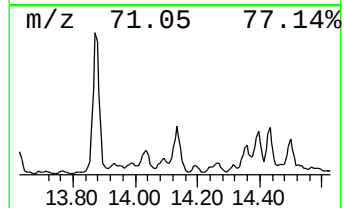
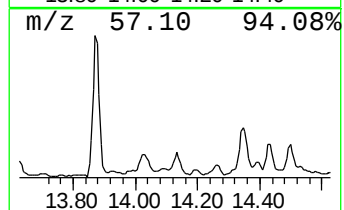
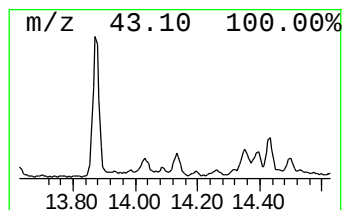
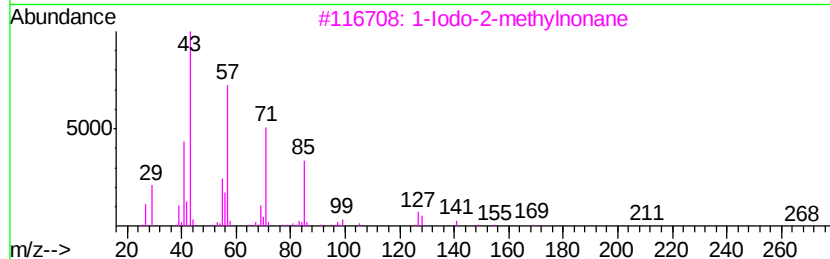
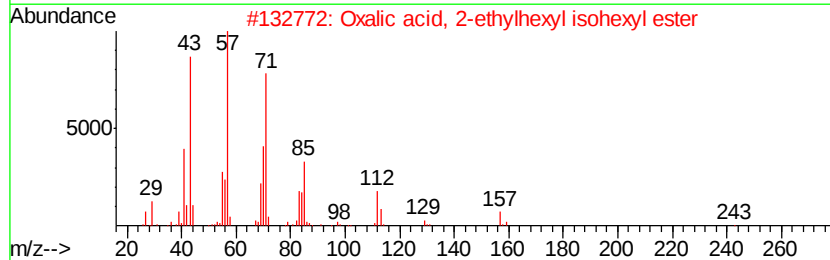
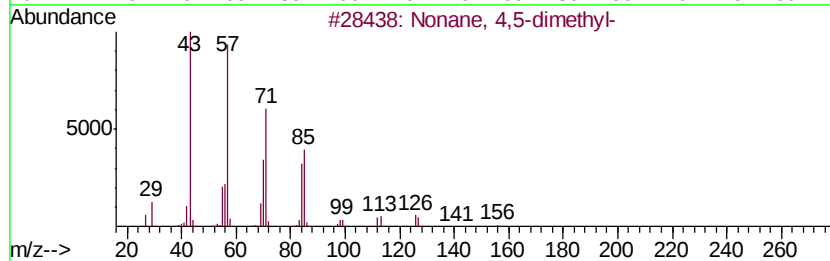
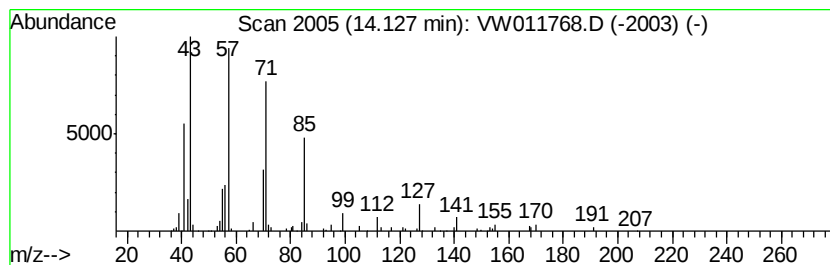
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.13 ug/L	72011	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	78
2		Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	72
3		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
4		1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	59
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

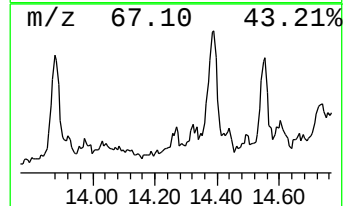
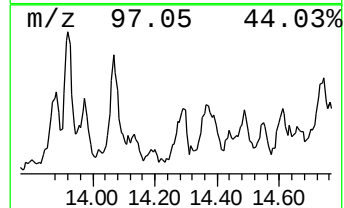
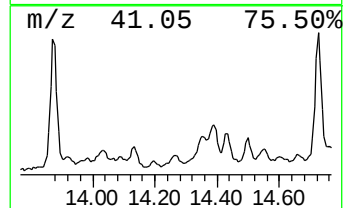
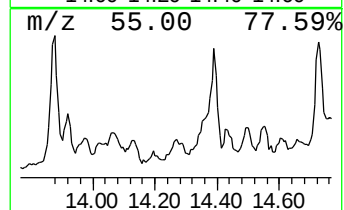
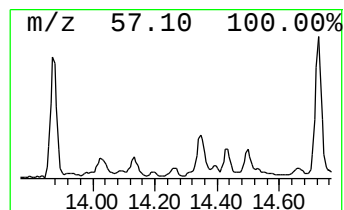
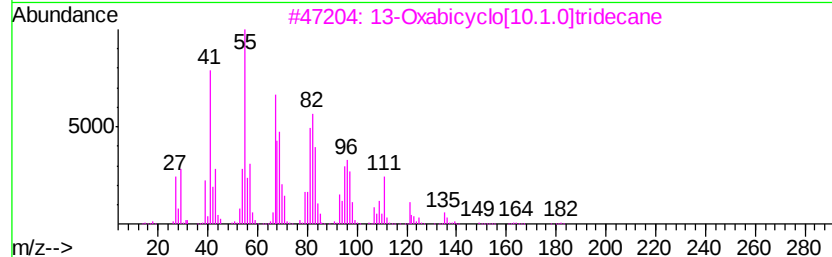
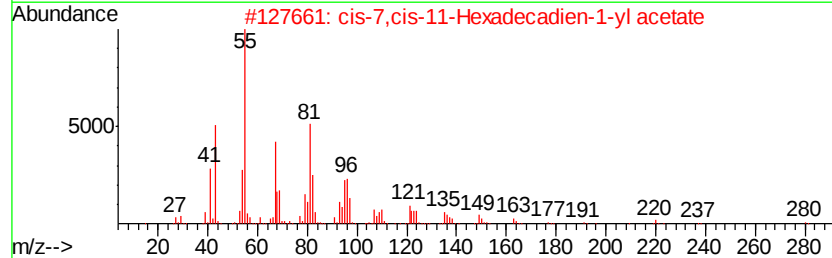
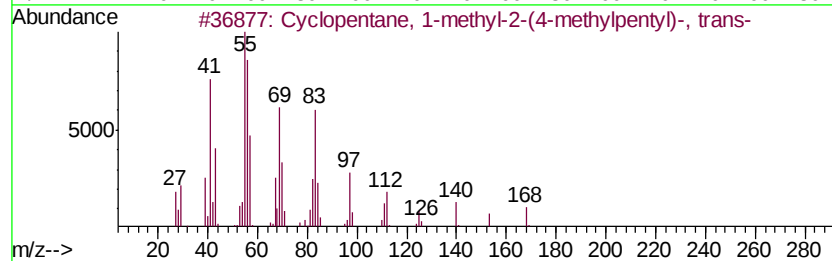
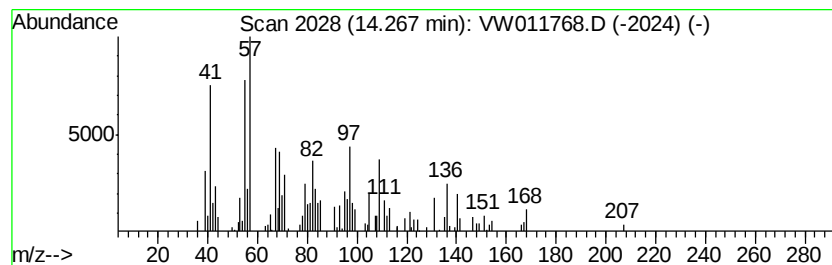
Instrument :
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ClientSampleId :
ETOB8

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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic14.27 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.27	1.72 ug/L	39447	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(4-meth...	168	C12H24	066553-50-2	43
2	cis-7,cis-11-Hexadecadien-1-yl a...	280	C18H32O2	052207-99-5	35
3	13-Oxabicyclo[10.1.0]tridecane	182	C12H22O	000286-99-7	27
4	2H-Azepin-2-one, hexahydro-3-(2-...	153	C9H15NO	029559-34-0	25
5	Hexahydro-1,4-dioxa-cyclopropa[a...	140	C7H8O3	143393-90-2	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

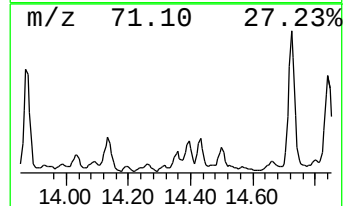
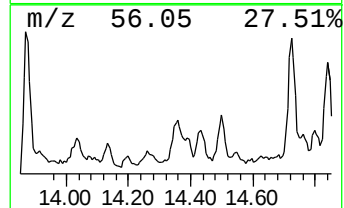
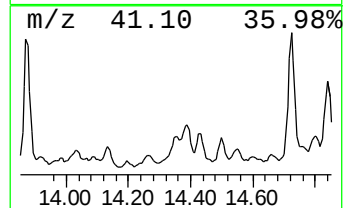
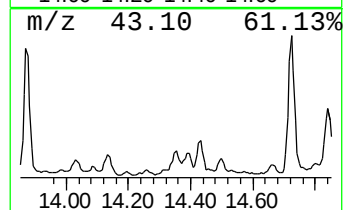
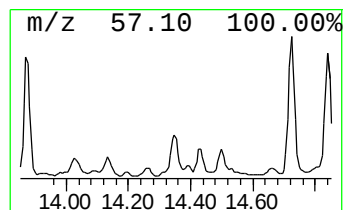
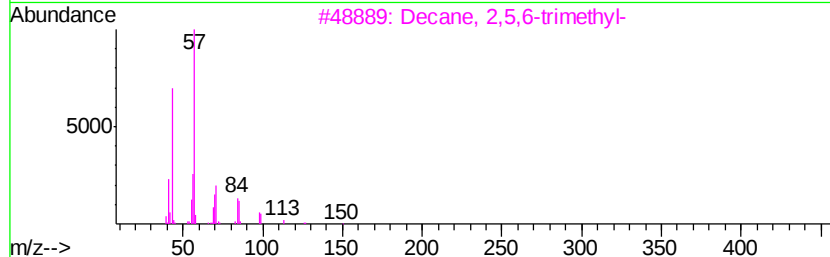
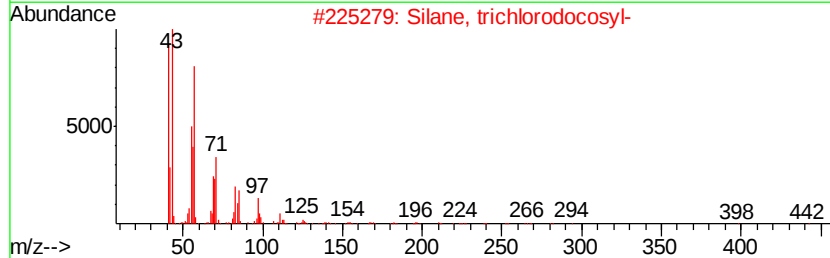
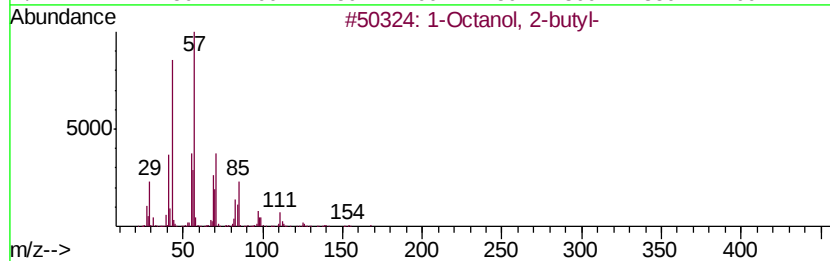
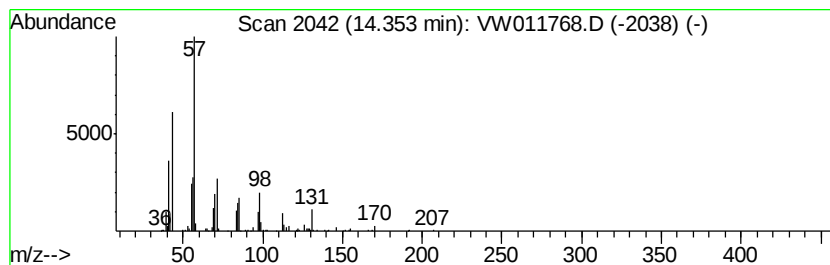
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 9 1-Octanol, 2-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.35	3.47 ug/L	79693	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72	
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	50	
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47	
4	1-Fluorononane	146	C9H19F	000463-18-3	43	
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

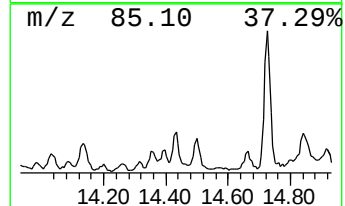
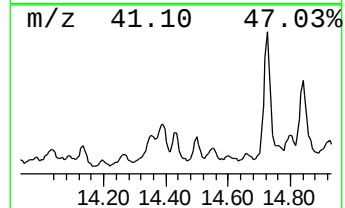
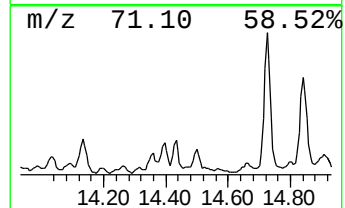
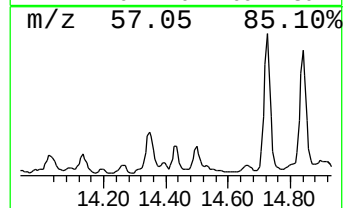
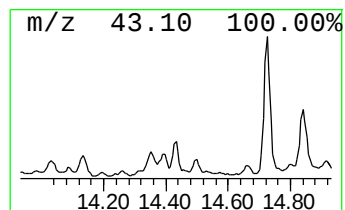
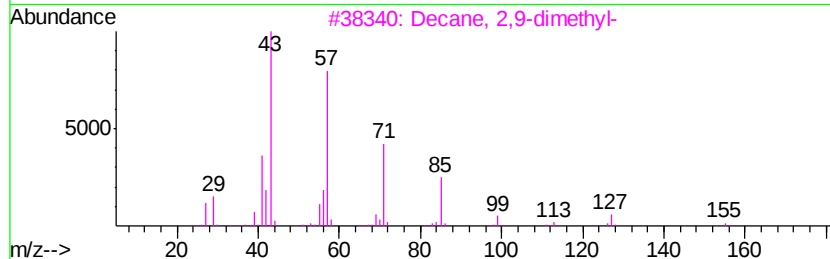
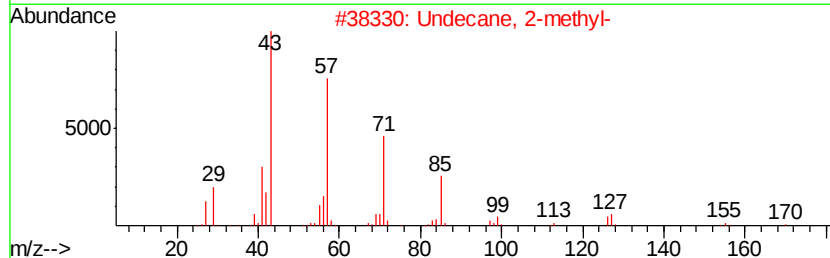
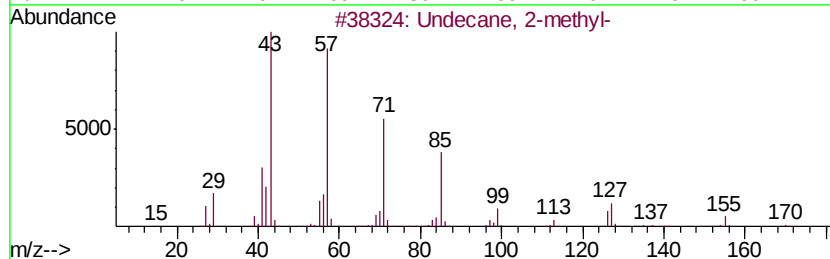
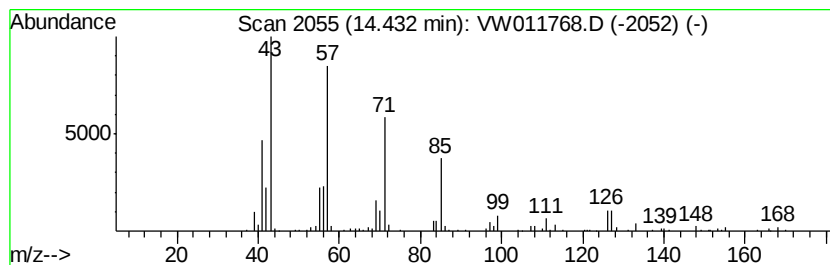
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.24 ug/L	97506	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	81
3			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
5			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

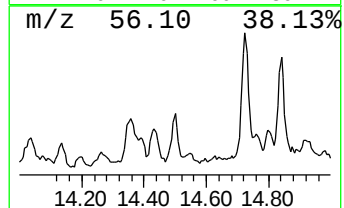
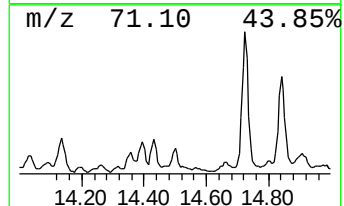
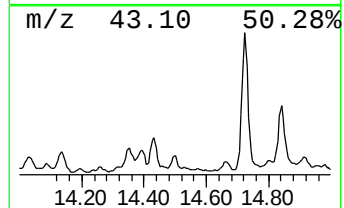
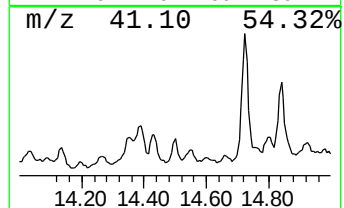
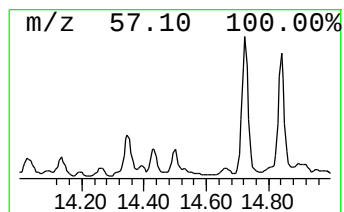
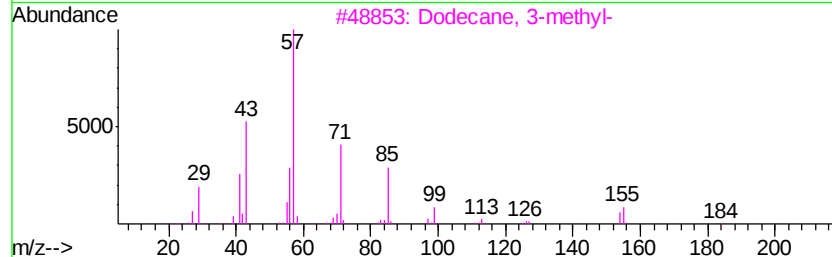
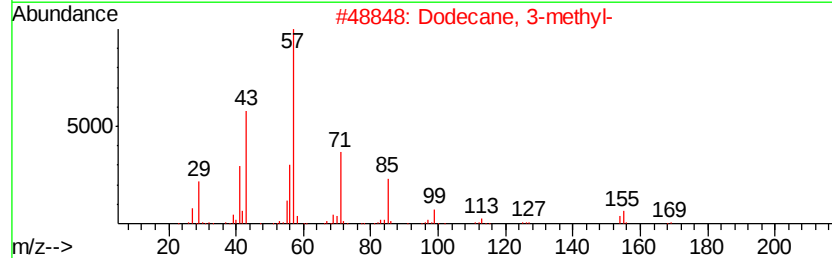
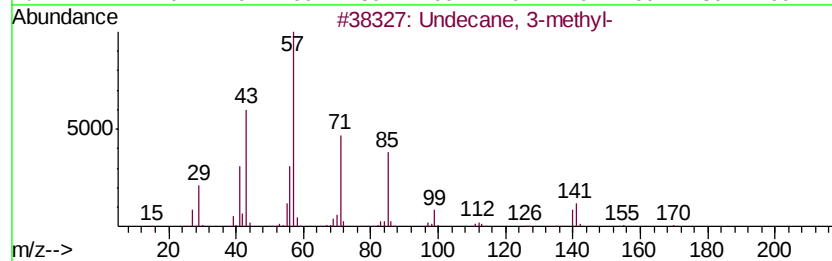
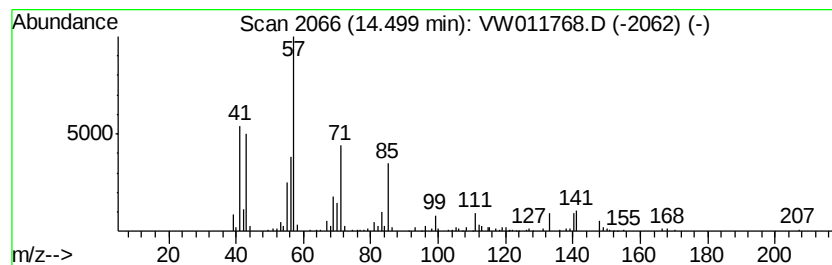
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.03 ug/L	69520	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	70
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	49
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

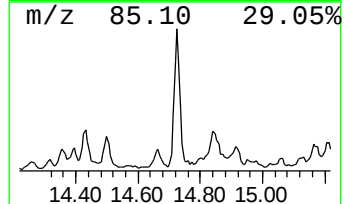
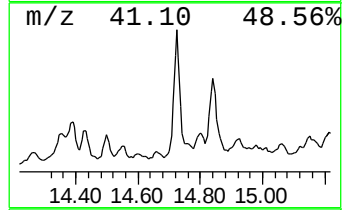
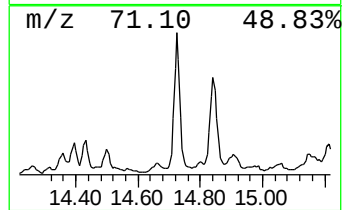
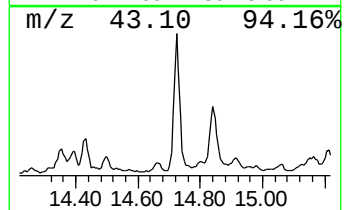
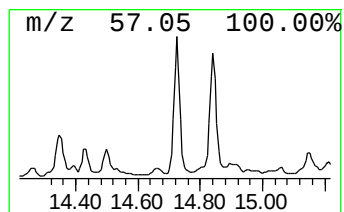
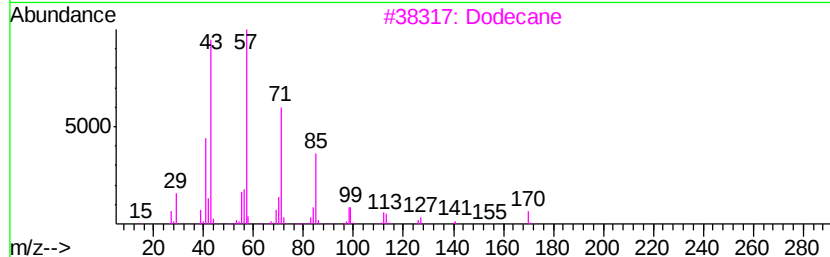
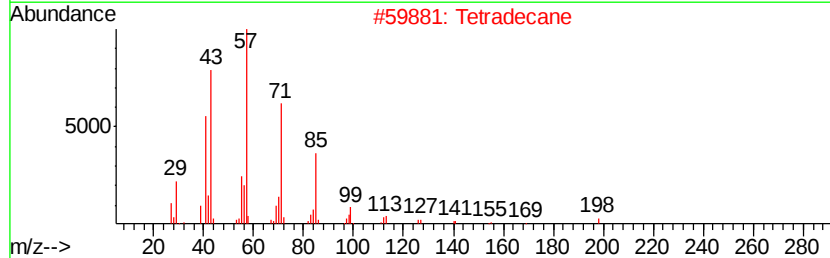
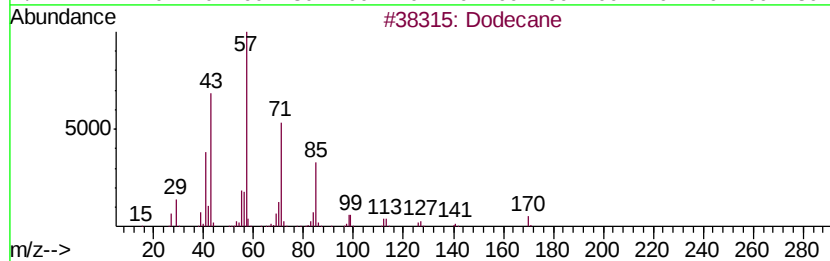
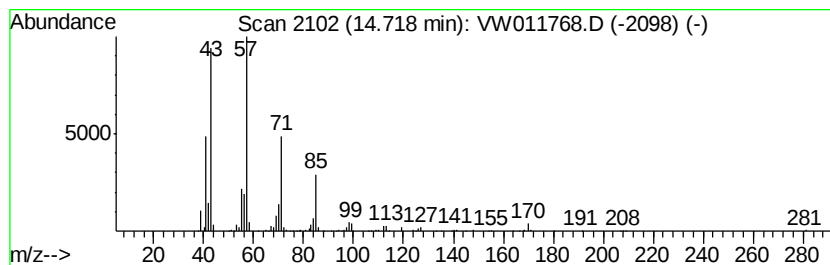
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	17.28 ug/L	396970	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	94
2		Tetradecane	198	C14H30	000629-59-4	90
3		Dodecane	170	C12H26	000112-40-3	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

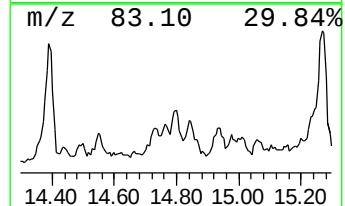
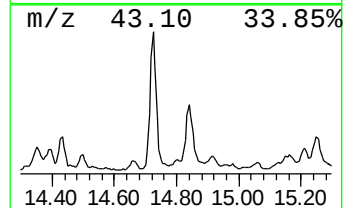
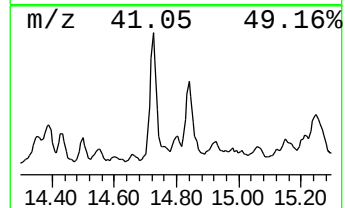
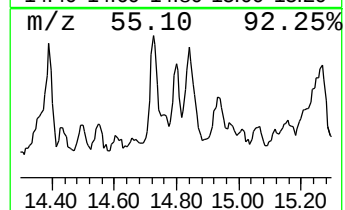
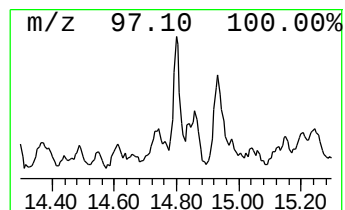
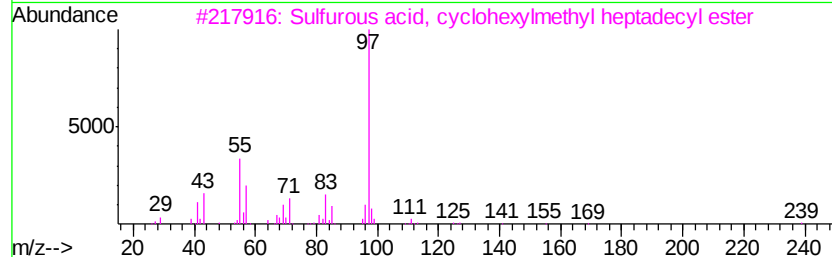
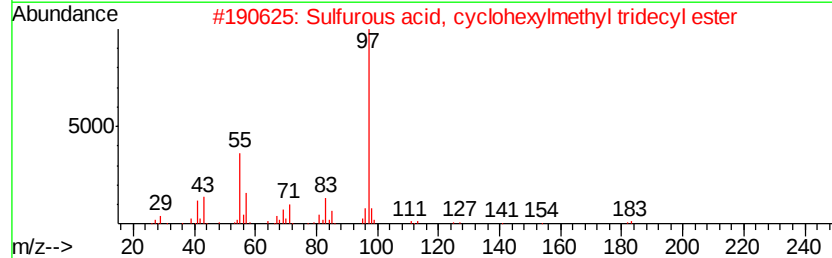
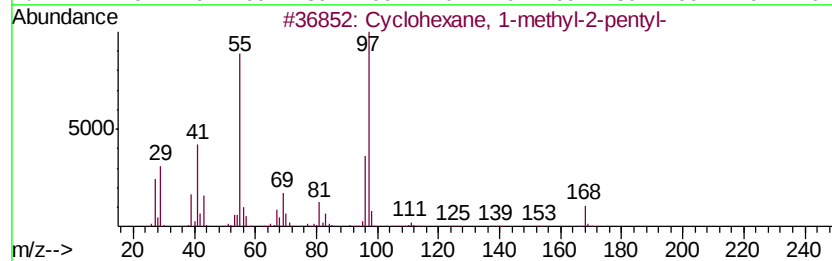
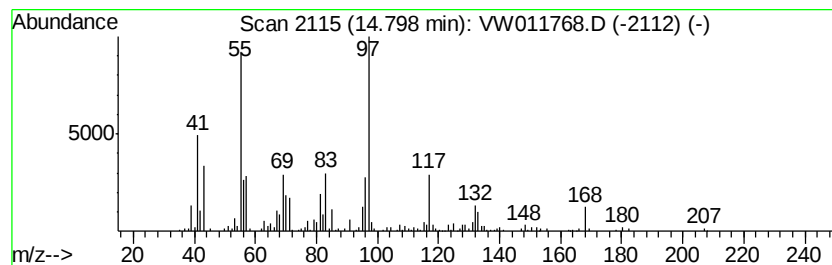
Instrument :
MSVOA_W
ClientSampled :
ETOB8

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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic14.80 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.80	4.90 ug/L	112627	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
2	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	46
3	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	46
4	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	46
5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

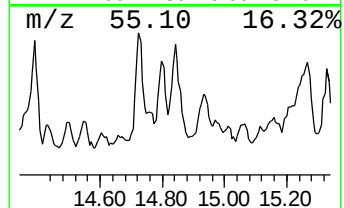
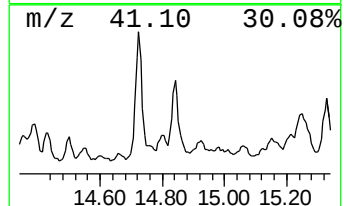
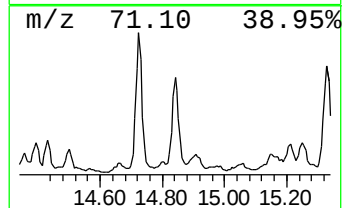
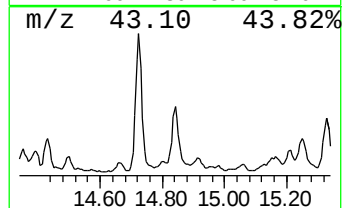
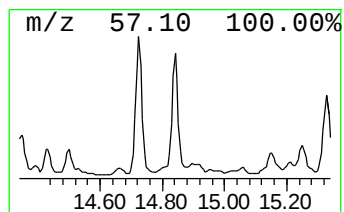
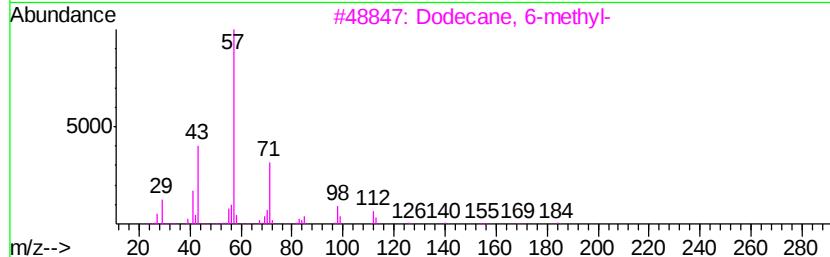
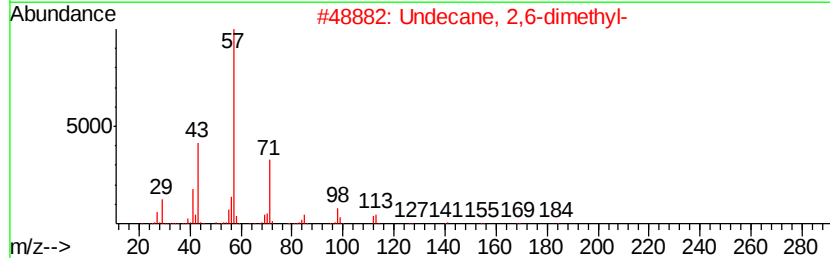
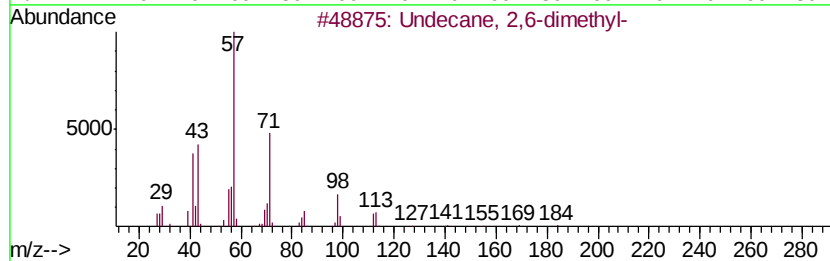
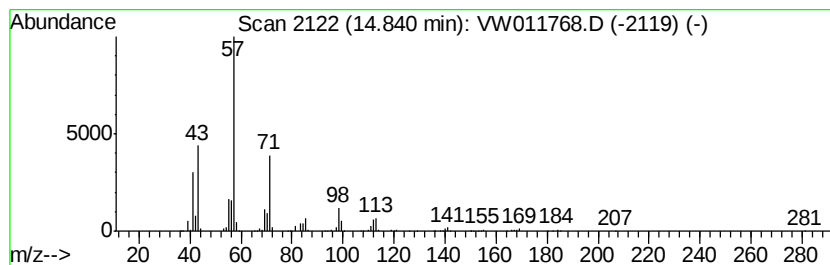
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	12.76 ug/L	293121	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane,	2,6-dimethyl-	184	C13H28	017301-23-4	94	
2	Undecane,	2,6-dimethyl-	184	C13H28	017301-23-4	91	
3	Dodecane,	6-methyl-	184	C13H28	006044-71-9	90	
4	Undecane,	3,6-dimethyl-	184	C13H28	017301-28-9	90	
5	Decane,	2,6,8-trimethyl-	184	C13H28	062108-26-3	72	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

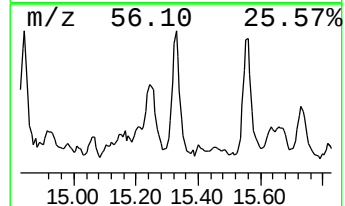
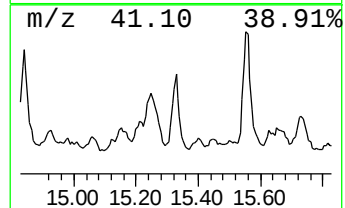
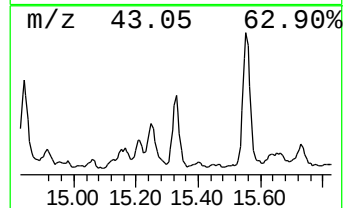
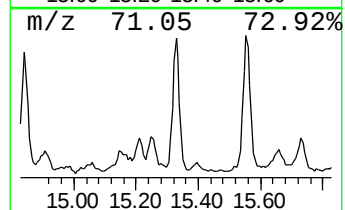
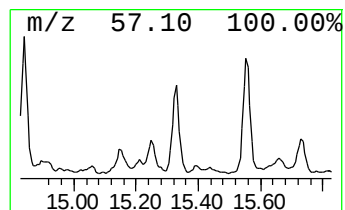
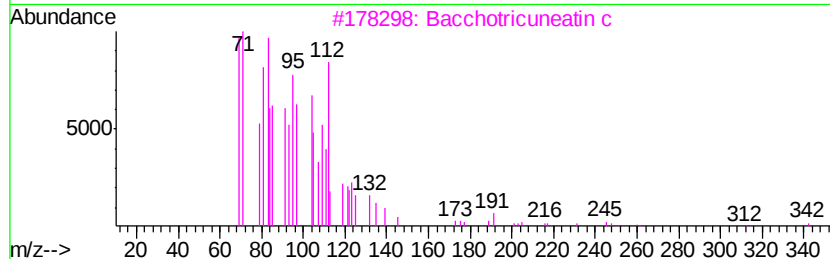
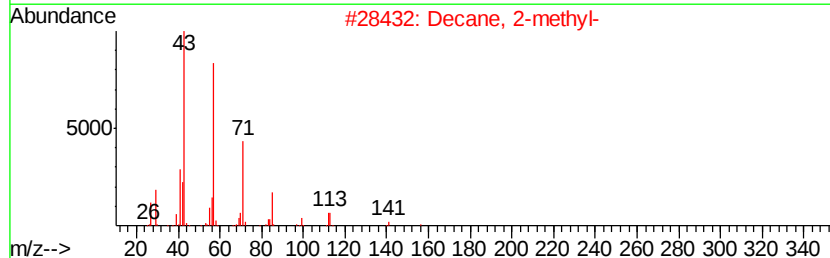
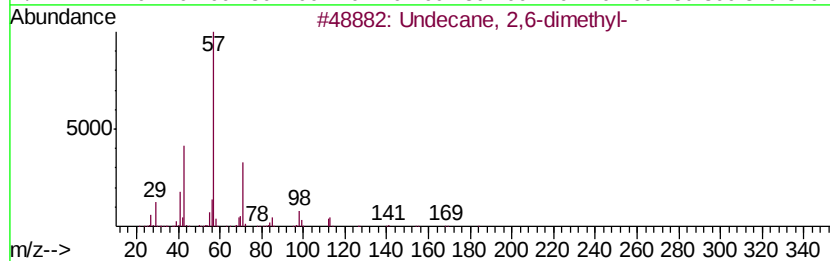
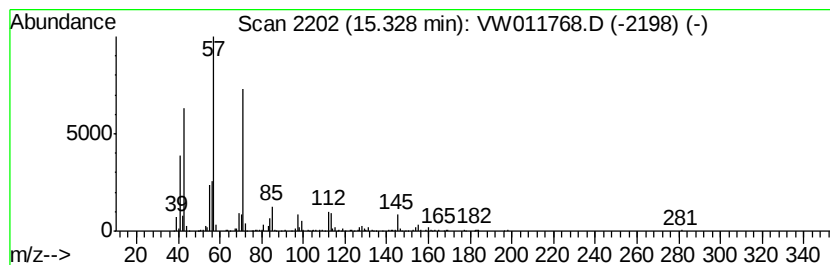
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	10.38 ug/L	238560	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
2		Decane, 2-methyl-	156	C11H24	006975-98-0	74
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
4		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
5		Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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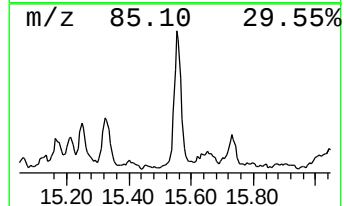
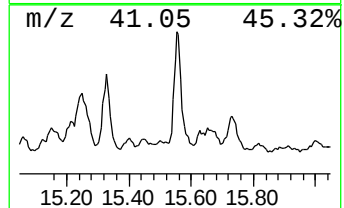
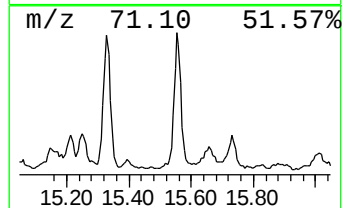
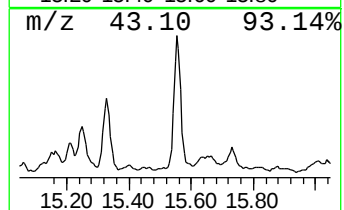
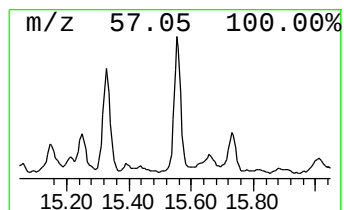
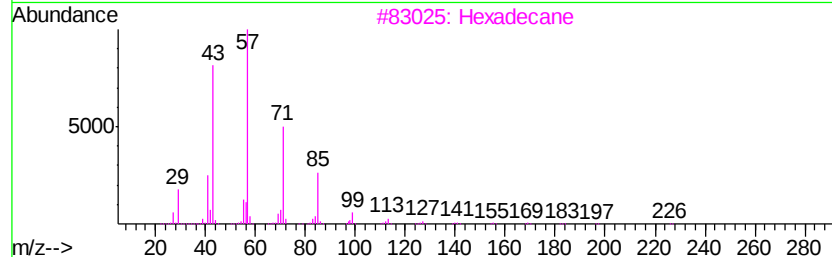
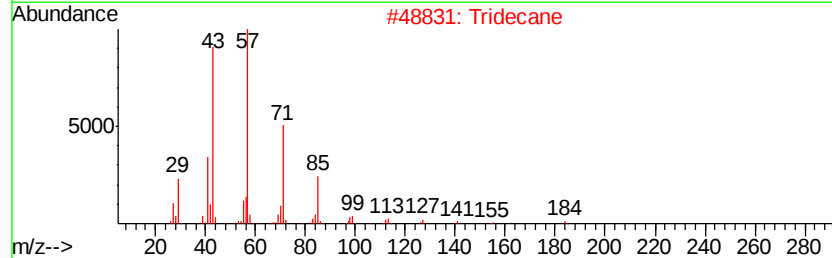
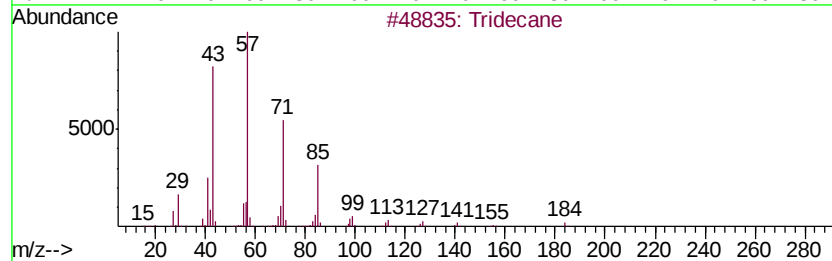
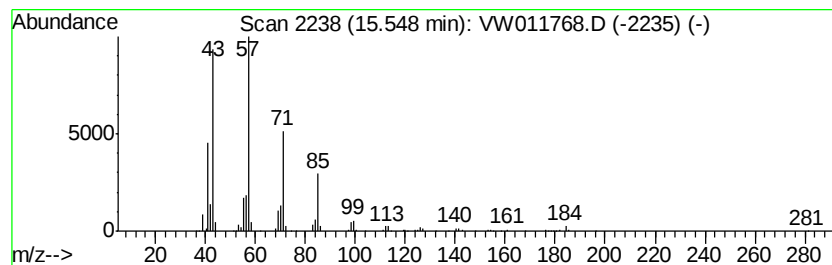
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	15.35 ug/L	352801	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Tridecane	184	C13H28	000629-50-5	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	80
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

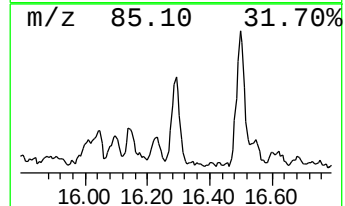
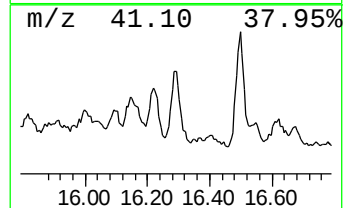
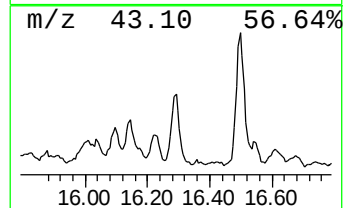
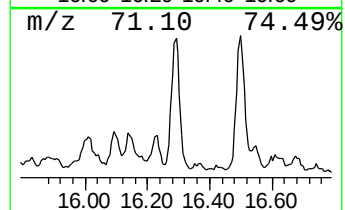
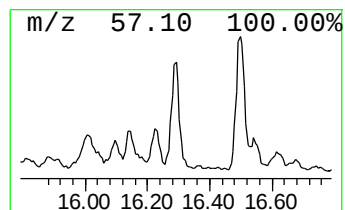
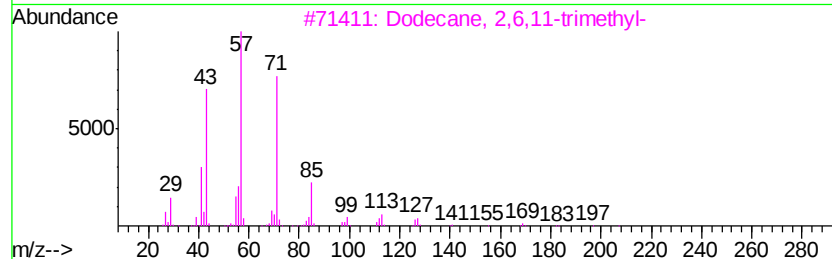
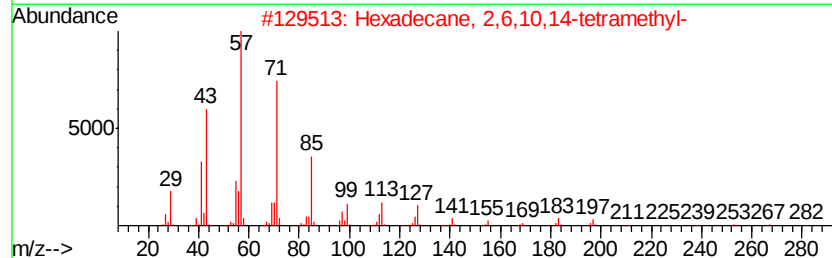
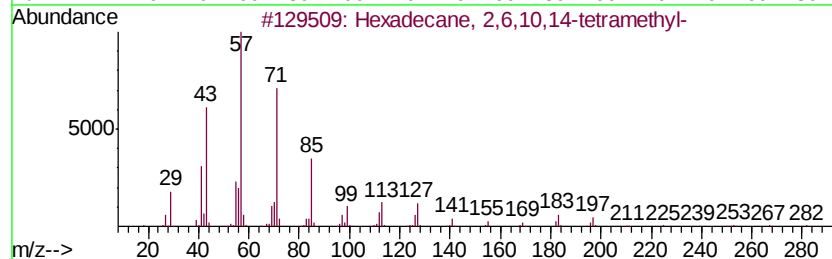
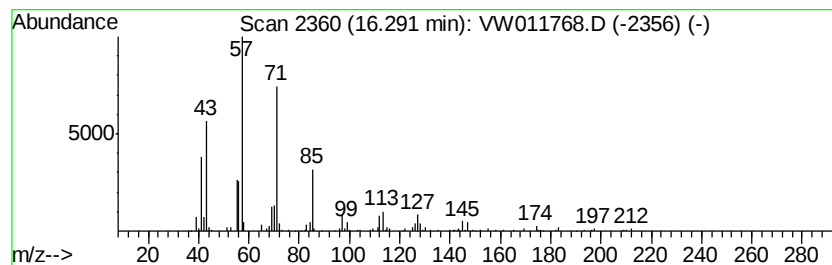
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.45 ug/L	148181	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011768.D
Acq On : 08 Aug 2019 12:05
Operator : SY/VA
Sample : K4215-07
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB8

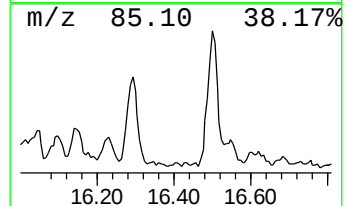
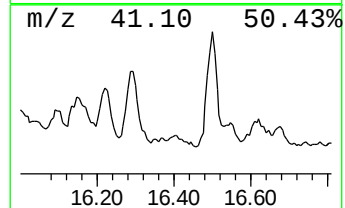
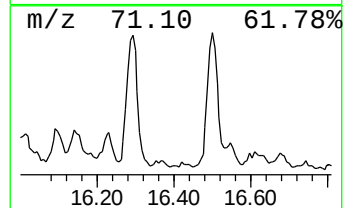
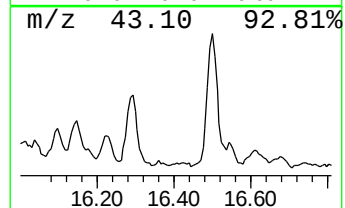
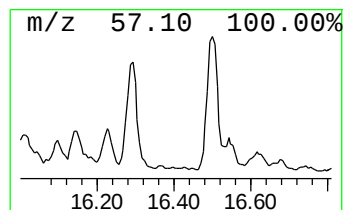
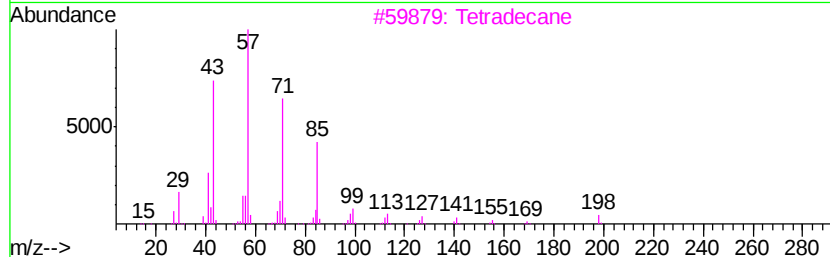
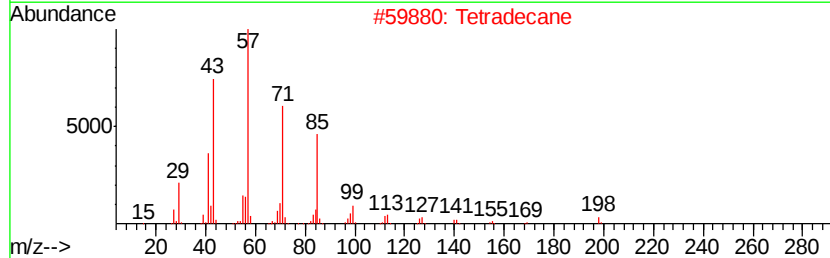
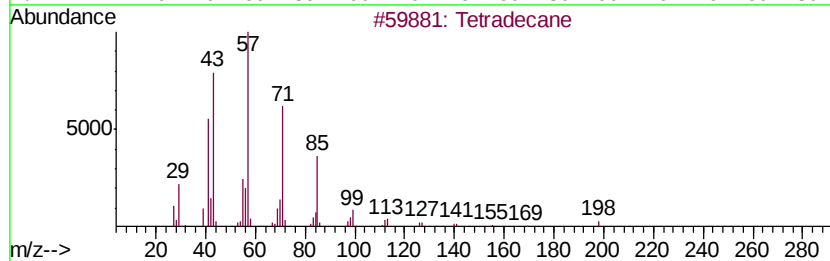
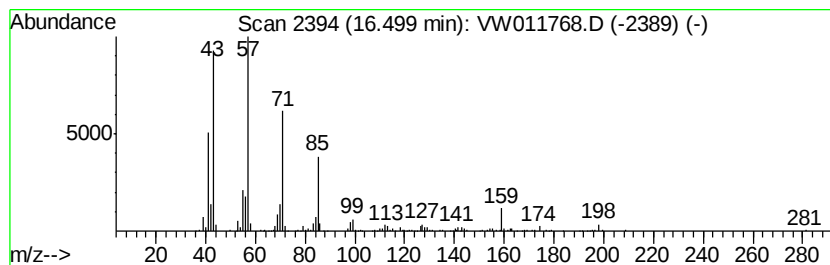
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	7.57 ug/L	173835	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tetradecane	198	C14H30	000629-59-4	94
3			Tetradecane	198	C14H30	000629-59-4	93
4			Tetradecane	198	C14H30	000629-59-4	91
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
 Data File : VW011768.D
 Acq On : 08 Aug 2019 12:05
 Operator : SY/VA
 Sample : K4215-07
 Misc : 5.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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
Cyclopropene	1.96	1.3	ug/L	29596	1	8.84	582615	25.0
unknown-01	11.07	1.3	ug/L	34207	2	11.63	657165	25.0
(DEL) Alkane: Str...	12.93	4.7	ug/L	107512	3	13.56	574444	25.0
(DEL) Alkane: Str...	13.16	2.3	ug/L	51744	3	13.56	574444	25.0
(DEL) Alkane: Str...	13.63	1.9	ug/L	43156	3	13.56	574444	25.0
(DEL) Alkane: Str...	14.13	3.1	ug/L	72011	3	13.56	574444	25.0
(DEL) Alkane: Cyc...	14.27	1.7	ug/L	39447	3	13.56	574444	25.0
1-Octanol, 2-butyl-	14.35	3.5	ug/L	79693	3	13.56	574444	25.0
(DEL) Alkane: Str...	14.43	4.2	ug/L	97506	3	13.56	574444	25.0
(DEL) Alkane: Str...	14.50	3.0	ug/L	69520	3	13.56	574444	25.0
(DEL) Alkane: Str...	14.72	17.3	ug/L	396970	3	13.56	574444	25.0
(DEL) Alkane: Cyc...	14.80	4.9	ug/L	112627	3	13.56	574444	25.0
(DEL) Alkane: Str...	14.84	12.8	ug/L	293121	3	13.56	574444	25.0
(DEL) Alkane: Str...	15.33	10.4	ug/L	238560	3	13.56	574444	25.0
(DEL) Alkane: Str...	15.55	15.4	ug/L	352801	3	13.56	574444	25.0
(DEL) Alkane: Str...	16.29	6.5	ug/L	148181	3	13.56	574444	25.0
(DEL) Alkane: Str...	16.50	7.6	ug/L	173835	3	13.56	574444	25.0