

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121518\
 Data File : VW007470.D
 Acq On : 13 Dec 2018 05:41
 Operator : SY/AP
 Sample : J6329-02
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1

Integration Parameters: RTEINT.P

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

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.878	966	980	985	rBV	45828	125904	2.18%	0.083%
2	7.945	985	991	998	rVV	109843	253828	4.40%	0.168%
3	8.031	998	1005	1017	rVV	133898	368805	6.40%	0.245%
4	8.153	1017	1025	1032	rVV	158294	376461	6.53%	0.250%
5	8.220	1032	1036	1044	rVV2	44043	109207	1.89%	0.072%
6	8.305	1044	1050	1061	rVB2	45624	113696	1.97%	0.075%
7	8.433	1061	1071	1075	rBV3	160580	419335	7.28%	0.278%
8	8.506	1076	1083	1088	rVV3	198366	586355	10.17%	0.389%
9	8.573	1088	1094	1105	rVB	201262	503015	8.73%	0.334%
10	8.842	1126	1138	1144	rBV	230937	518843	9.00%	0.344%
11	8.933	1149	1153	1159	rVB2	32897	72058	1.25%	0.048%
12	9.073	1169	1176	1182	rBV	247039	583431	10.12%	0.387%
13	9.207	1194	1198	1205	rVB	32663	70002	1.21%	0.046%
14	9.329	1205	1218	1223	rBV5	561478	2058122	35.71%	1.365%
15	9.390	1223	1228	1236	rVB2	361770	812749	14.10%	0.539%
16	9.476	1236	1242	1244	rBV2	39555	72141	1.25%	0.048%
17	9.530	1244	1251	1256	rBV	274179	651193	11.30%	0.432%
18	9.610	1256	1264	1272	rVB3	704675	1767605	30.67%	1.172%
19	9.683	1272	1276	1281	rVB	92423	174039	3.02%	0.115%
20	9.756	1281	1288	1300	rVB2	820730	1847019	32.05%	1.225%
21	9.902	1300	1312	1317	rBV2	889916	2166840	37.60%	1.437%
22	9.994	1323	1327	1335	rVB4	484822	1110105	19.26%	0.736%
23	10.079	1335	1341	1346	rBV3	505463	1143805	19.85%	0.759%
24	10.140	1346	1351	1358	rVB3	363981	856911	14.87%	0.568%
25	10.256	1358	1370	1375	rBV2	1890858	3965792	68.81%	2.630%
26	10.323	1375	1381	1385	rBV	2401530	4792957	83.16%	3.178%
27	10.451	1394	1402	1404	rBV	577338	1036014	17.98%	0.687%
28	10.506	1404	1411	1422	rVB6	1323193	4269552	74.08%	2.831%
29	10.616	1422	1429	1433	rBV4	838175	1743568	30.25%	1.156%
30	10.671	1433	1438	1444	rVB	1624793	3000376	52.06%	1.990%
31	10.756	1444	1452	1460	rBV3	1680676	5147662	89.32%	3.414%
32	10.847	1463	1467	1473	rVB3	838811	1567949	27.21%	1.040%
33	10.939	1473	1482	1488	rBV	2025086	4175376	72.45%	2.769%
34	11.042	1488	1499	1506	rBV4	1572780	4631988	80.37%	3.072%

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35	11.109	1506	1510	1513	rVV3	659403	1196881	20.77%	0.794%
36	11.146	1513	1516	1519	rVV2	652408	1198004	20.79%	0.794%
37	11.183	1519	1522	1526	rVV	1200917	2062442	35.79%	1.368%
38	11.237	1526	1531	1536	rVV	2938317	5763227	100.00%	3.822%
39	11.292	1536	1540	1544	rVV2	873825	1511736	26.23%	1.003%
40	11.341	1544	1548	1552	rVV2	1391030	2253643	39.10%	1.495%
41	11.408	1552	1559	1561	rVV5	874952	1928505	33.46%	1.279%
42	11.439	1561	1564	1572	rVB2	1593045	3315307	57.53%	2.199%
43	11.518	1572	1577	1581	rBV	920891	1750476	30.37%	1.161%
44	11.634	1591	1596	1600	rBV4	643089	1103921	19.15%	0.732%
45	11.676	1600	1603	1608	rVV4	228912	436494	7.57%	0.289%
46	11.731	1608	1612	1615	rVV2	544979	898746	15.59%	0.596%
47	11.768	1615	1618	1621	rVV3	792881	1220858	21.18%	0.810%
48	11.817	1621	1626	1631	rVB4	1087533	2232195	38.73%	1.480%
49	11.878	1631	1636	1640	rBV	2158008	3949388	68.53%	2.619%
50	11.920	1640	1643	1648	rVB3	1625479	2650435	45.99%	1.758%
51	11.981	1648	1653	1656	rBV4	295744	542565	9.41%	0.360%
52	12.073	1656	1668	1673	rBV4	642158	2095335	36.36%	1.390%
53	12.140	1673	1679	1686	rBV3	2450162	5689466	98.72%	3.773%
54	12.262	1694	1699	1703	rVB	2253310	3750406	65.07%	2.487%
55	12.341	1703	1712	1715	rBV3	2009666	5115601	88.76%	3.392%
56	12.524	1737	1742	1743	rBV3	544306	971440	16.86%	0.644%
57	12.621	1753	1758	1761	rBV4	631995	1173828	20.37%	0.778%
58	12.658	1761	1764	1767	rVV	674336	880884	15.28%	0.584%
59	12.707	1767	1772	1777	rVV4	812378	1386814	24.06%	0.920%
60	12.786	1781	1785	1792	rVB4	1509584	3092527	53.66%	2.051%
61	12.865	1792	1798	1802	rBV4	561429	1266911	21.98%	0.840%
62	12.938	1803	1810	1816	rBV5	1208997	3428132	59.48%	2.273%
63	12.999	1817	1820	1825	rVB5	711041	1081811	18.77%	0.717%
64	13.085	1827	1834	1838	rBV3	794630	1575084	27.33%	1.045%
65	13.133	1838	1842	1845	rBV	1322950	2103181	36.49%	1.395%
66	13.170	1845	1848	1855	rVB2	1680079	2677710	46.46%	1.776%
67	13.298	1866	1869	1874	rBV2	486921	732991	12.72%	0.486%
68	13.353	1875	1878	1880	rBV2	344147	444493	7.71%	0.295%
69	13.451	1892	1894	1897	rVV2	439870	551814	9.57%	0.366%
70	13.487	1897	1900	1904	rVB2	1006792	1389239	24.11%	0.921%
71	13.530	1904	1907	1914	rVB4	518991	761302	13.21%	0.505%

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	13.725	1934	1939	1949	rVB3	1092063	2837403	49.23%	1.882%
73	13.810	1949	1953	1955	rBV2	400592	654804	11.36%	0.434%
74	13.883	1960	1965	1970	rBV2	1419840	2521127	43.75%	1.672%
75	14.139	2004	2007	2013	rVB4	527370	846965	14.70%	0.562%
76	14.213	2013	2019	2024	rVB3	922837	1786724	31.00%	1.185%
77	14.274	2025	2029	2034	rVB5	460742	806893	14.00%	0.535%
78	14.322	2035	2037	2039	rBV2	151574	185083	3.21%	0.123%
79	14.359	2040	2043	2045	rVV2	333998	539601	9.36%	0.358%
80	14.395	2045	2049	2052	rVV2	1008287	1852211	32.14%	1.228%
81	14.426	2052	2054	2062	rVB2	1143258	1570082	27.24%	1.041%
82	14.505	2063	2067	2071	rBV	885001	1377536	23.90%	0.914%
83	14.554	2071	2075	2080	rBV6	364964	633205	10.99%	0.420%
84	14.609	2081	2084	2088	rVB2	278438	353782	6.14%	0.235%
85	14.706	2095	2100	2103	rBV3	399246	778594	13.51%	0.516%
86	14.810	2113	2117	2120	rBV5	336141	659119	11.44%	0.437%
87	14.859	2120	2125	2131	rVB2	855712	1884422	32.70%	1.250%
88	15.072	2156	2160	2164	rVB	843229	1184151	20.55%	0.785%
89	15.115	2164	2167	2172	rVV2	180496	376424	6.53%	0.250%
90	15.182	2173	2178	2185	rVB3	806504	1708772	29.65%	1.133%
91	15.340	2199	2204	2212	rVB5	554253	1096164	19.02%	0.727%
92	15.426	2214	2218	2221	rBV3	105568	186433	3.23%	0.124%
93	15.475	2222	2226	2231	rVB3	196077	344177	5.97%	0.228%
94	15.670	2251	2258	2264	rBV3	205877	518677	9.00%	0.344%
95	15.743	2266	2270	2275	rVB	139935	229954	3.99%	0.152%
96	16.023	2312	2316	2324	rVB5	109723	284014	4.93%	0.188%
97	16.176	2336	2341	2346	rVB5	54762	108951	1.89%	0.072%
98	16.651	2413	2419	2432	rVB8	56387	193867	3.36%	0.129%

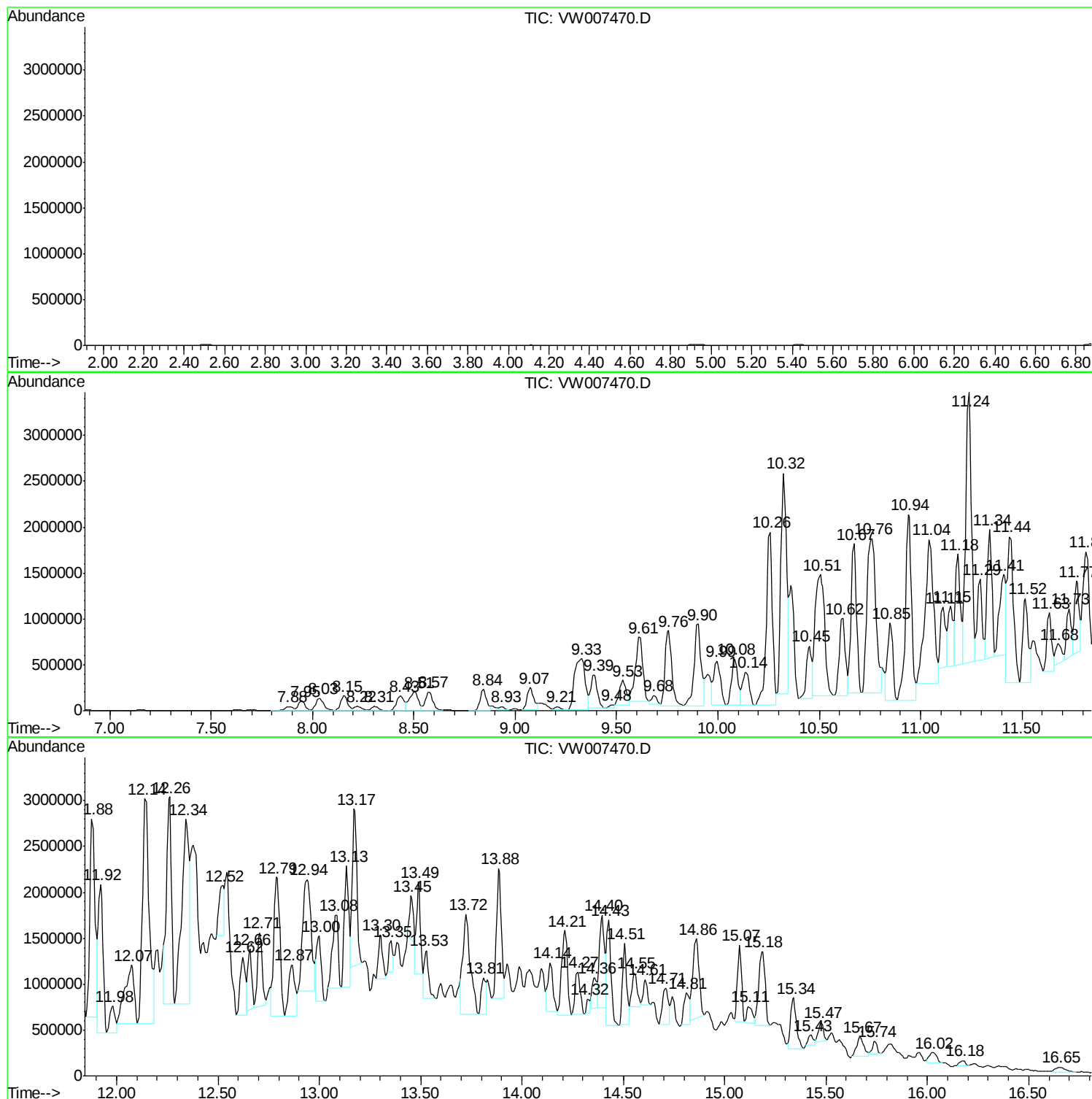
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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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



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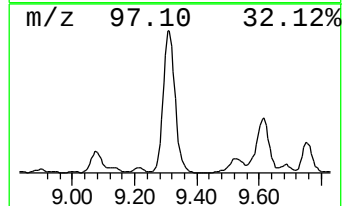
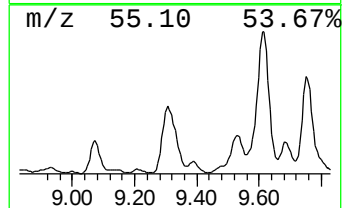
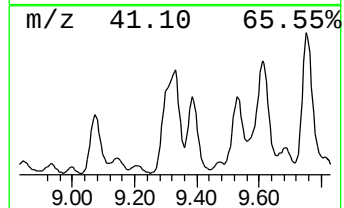
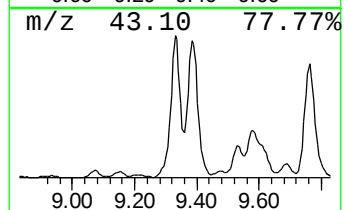
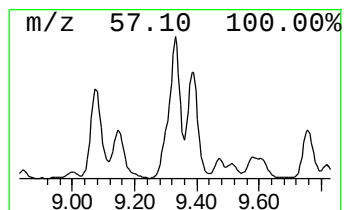
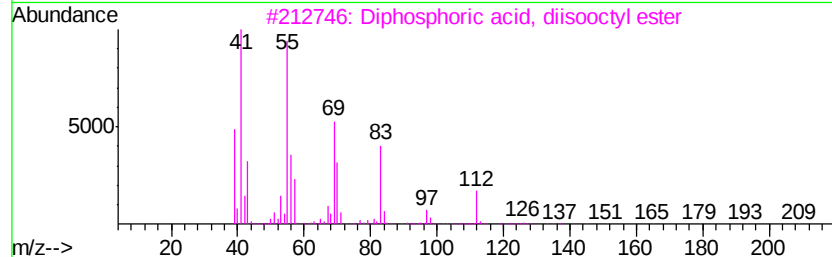
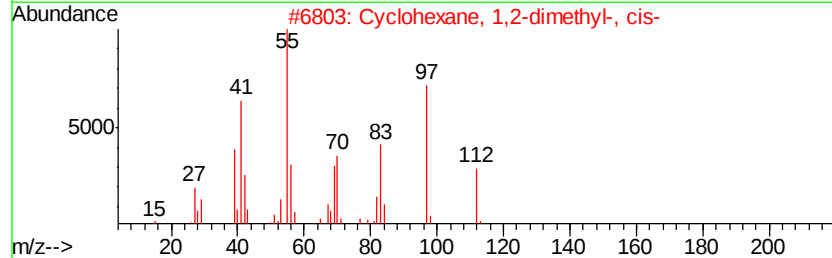
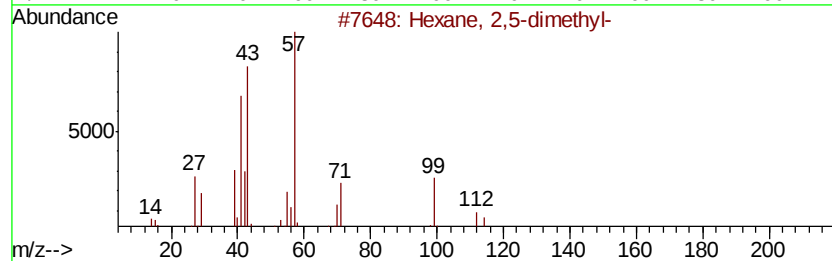
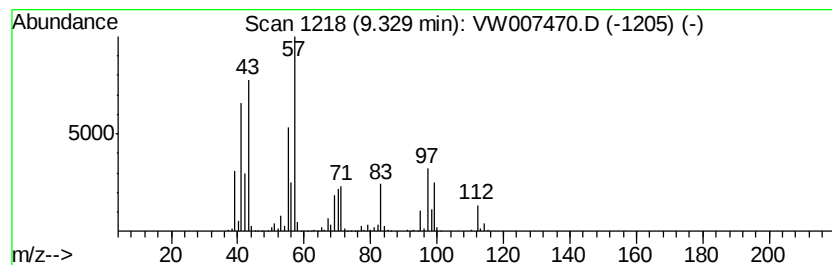
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown9.33 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	198.34 ug/l	2058120	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43
2		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	41
3		Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	38
4		3-Octene, (E)-	112	C8H16	014919-01-8	25
5		2-Octene	112	C8H16	000111-67-1	18



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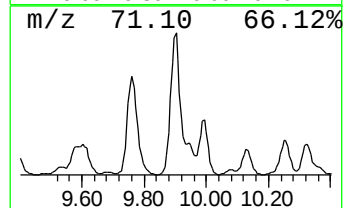
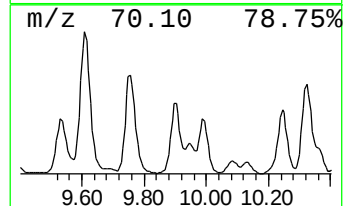
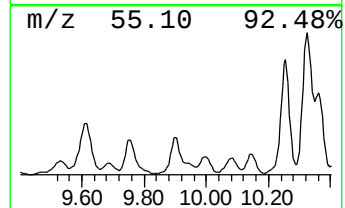
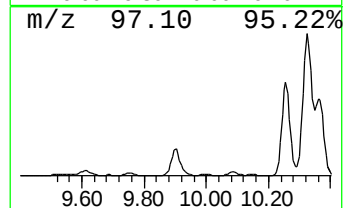
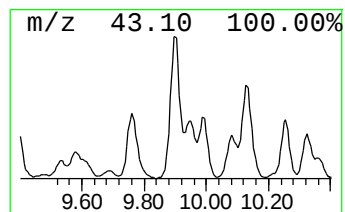
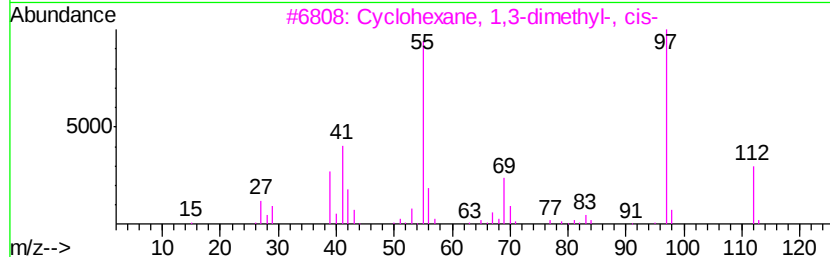
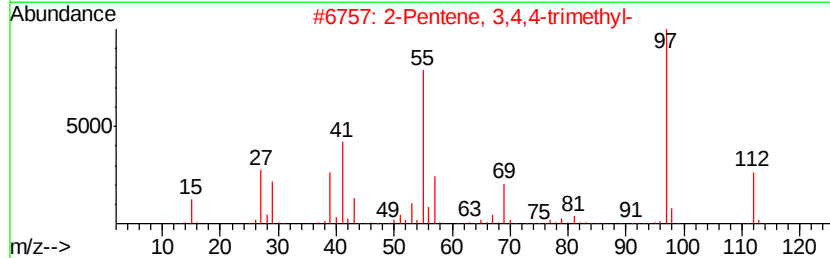
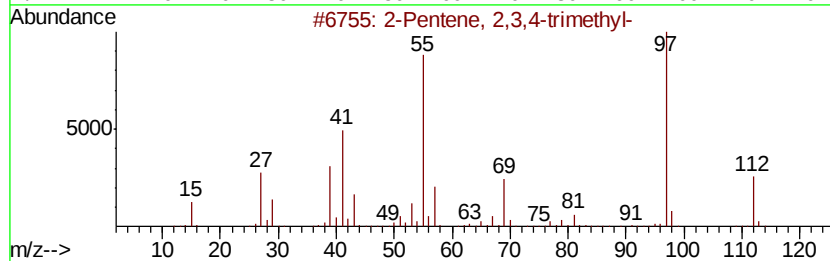
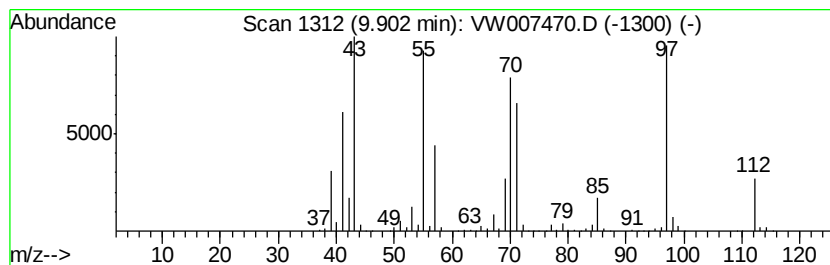
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Peak Number 2 2-Pentene, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	208.82 ug/l	2166840	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	50
2		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	46
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	46
4		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	46
5		Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	46



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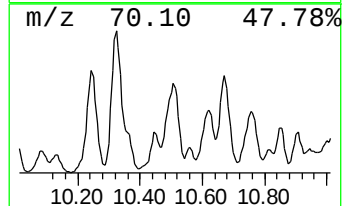
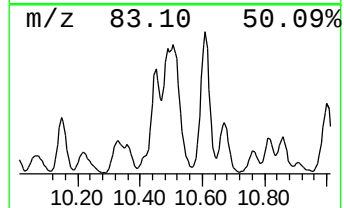
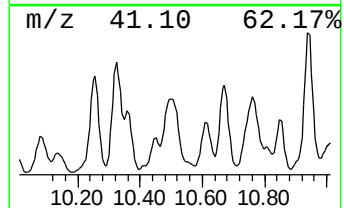
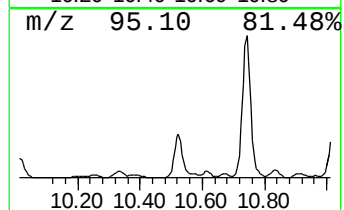
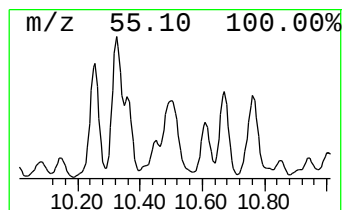
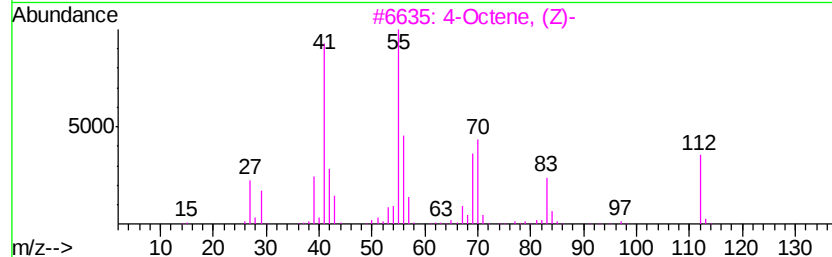
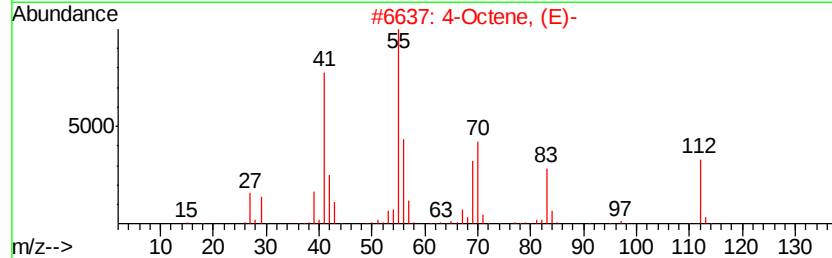
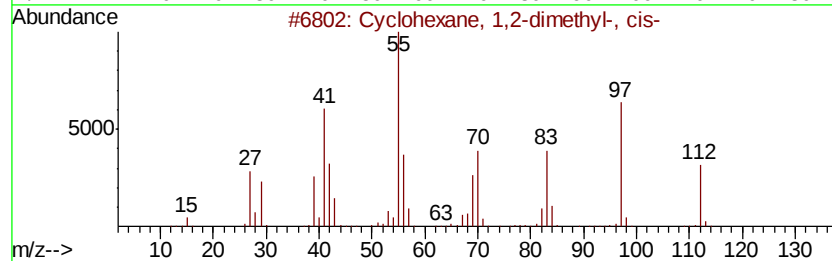
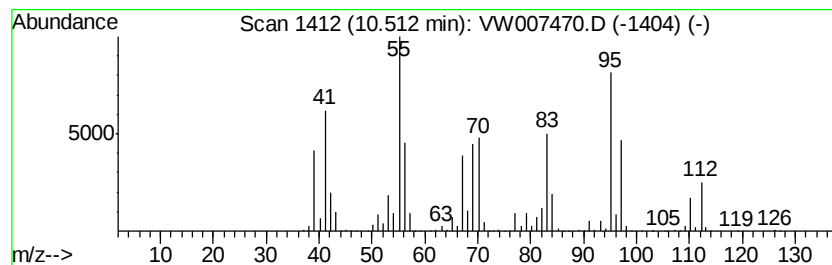
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	193.38 ug/l	4269550	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	70
2		4-Octene, (E)-	112	C8H16	014850-23-8	49
3		4-Octene, (Z)-	112	C8H16	007642-15-1	46
4		3-Octene, (E)-	112	C8H16	014919-01-8	45
5		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121518\
Data File : VW007470.D
Acq On : 13 Dec 2018 05:41
Operator : SY/AP
Sample : J6329-02
Misc : 5.16G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

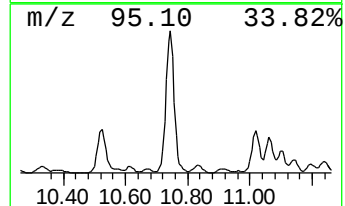
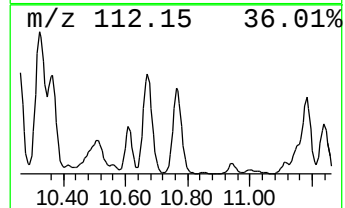
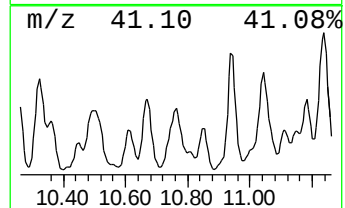
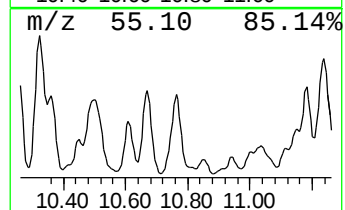
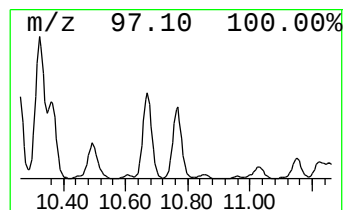
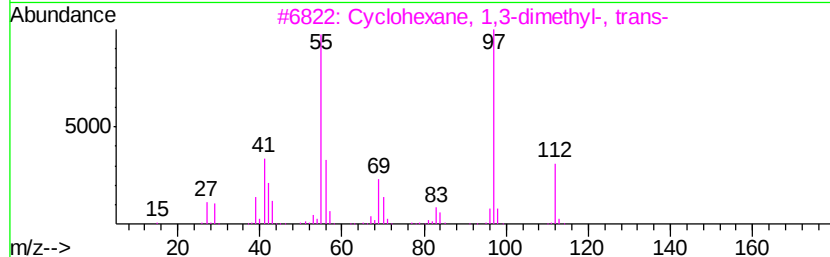
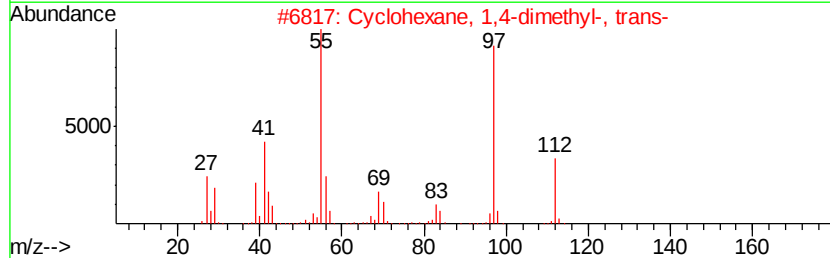
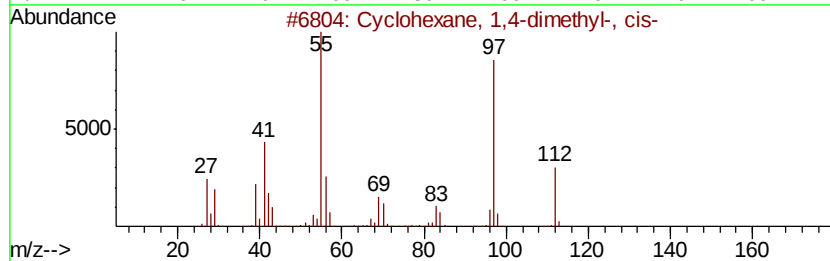
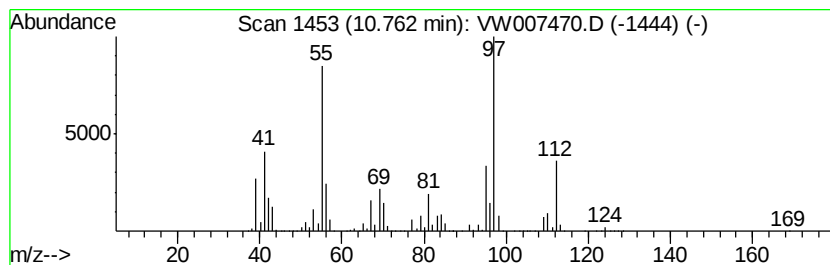
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	233.15 ug/l	5147660	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	55
2		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	55
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	55
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	55
5		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121518\
Data File : VW007470.D
Acq On : 13 Dec 2018 05:41
Operator : SY/AP
Sample : J6329-02
Misc : 5.16G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

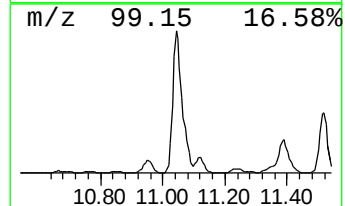
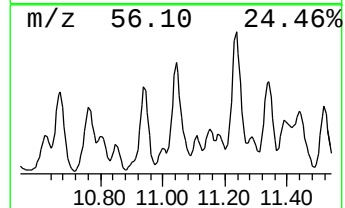
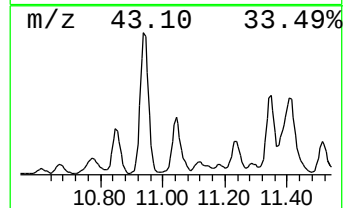
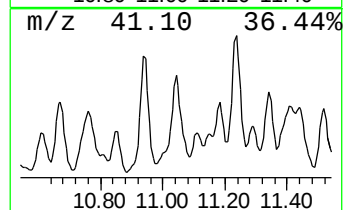
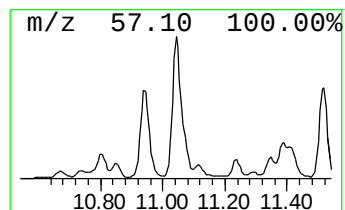
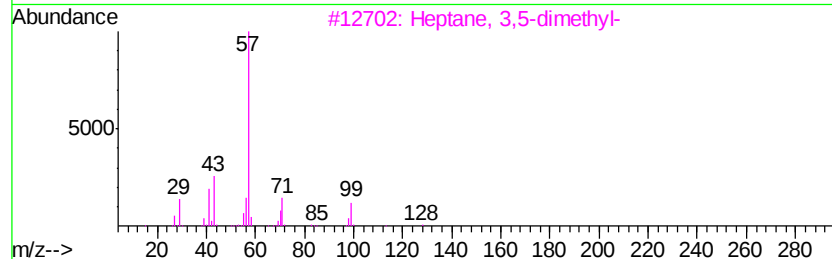
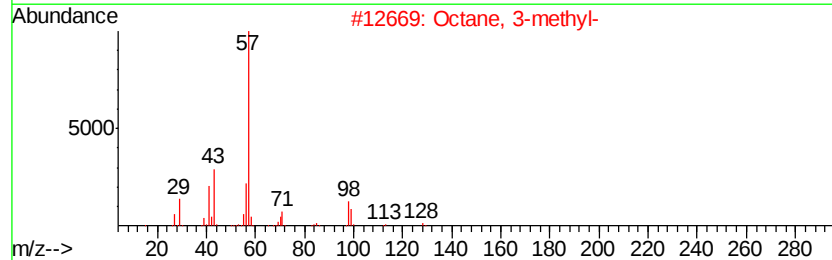
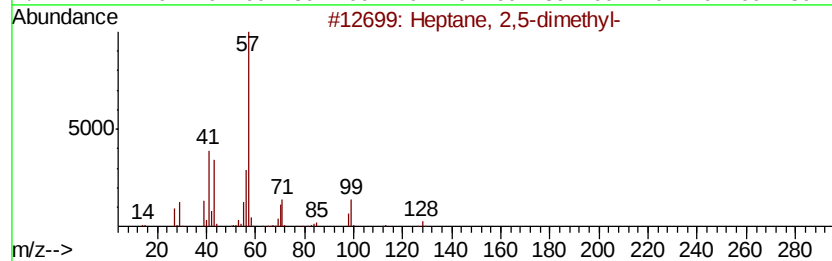
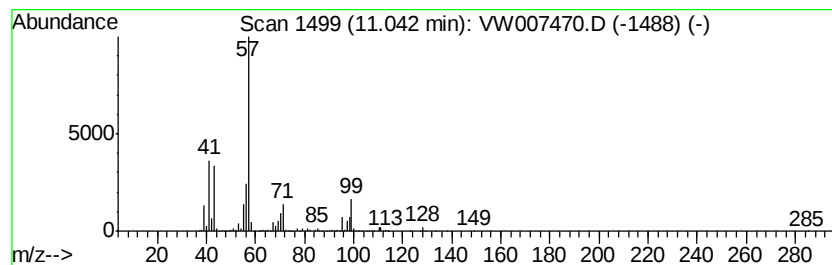
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Quant Title : SW846 8260

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

Peak Number 6 Heptane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	209.80 ug/l	4631990	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83	
2	Octane, 3-methyl-	128	C9H20	002216-33-3	72	
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	68	
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	50	
5	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	47	



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121518\
Data File : VW007470.D
Acq On : 13 Dec 2018 05:41
Operator : SY/AP
Sample : J6329-02
Misc : 5.16G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

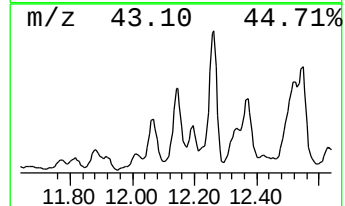
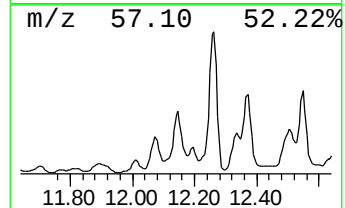
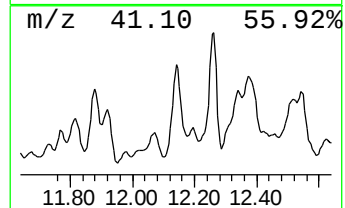
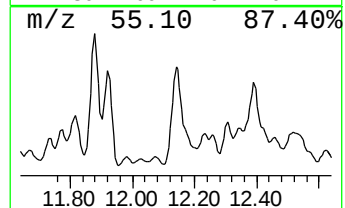
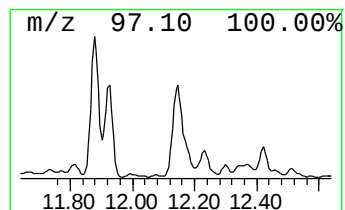
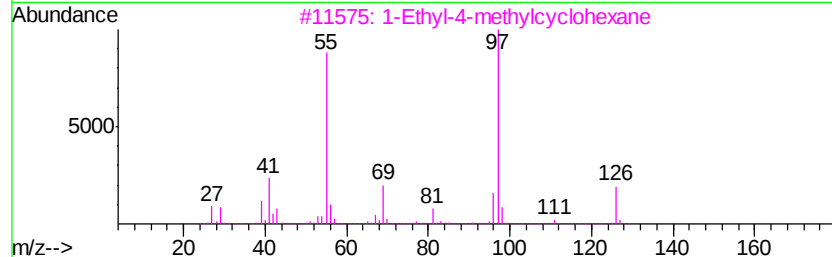
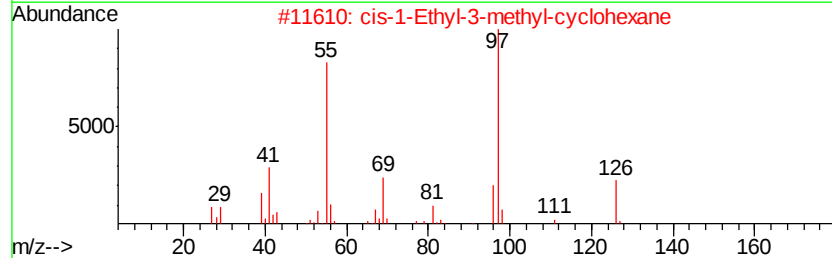
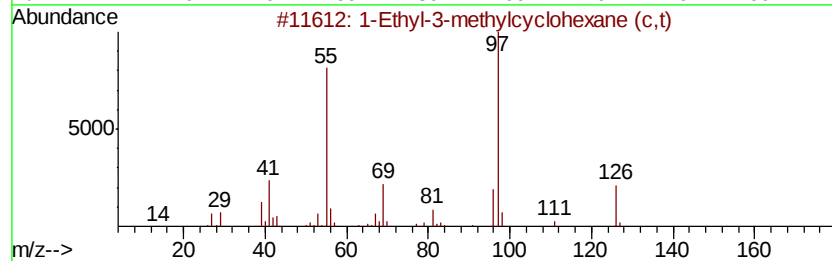
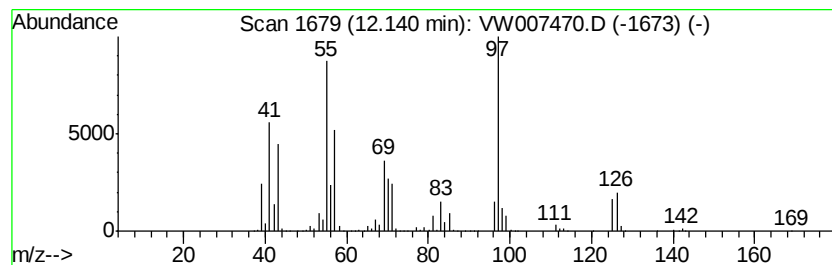
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Quant Title : SW846 8260

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

Peak Number 8 1-Ethyl-3-methylcyclohexane... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	257.69 ug/l	5689470	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121518\
Data File : VW007470.D
Acq On : 13 Dec 2018 05:41
Operator : SY/AP
Sample : J6329-02
Misc : 5.16G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
072-DUP-1

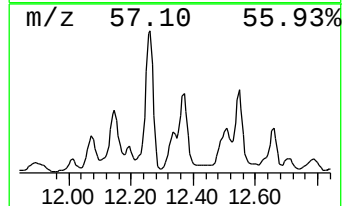
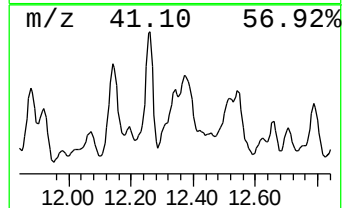
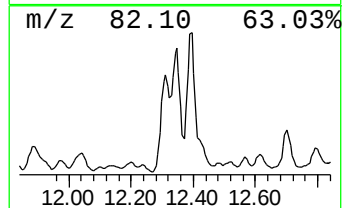
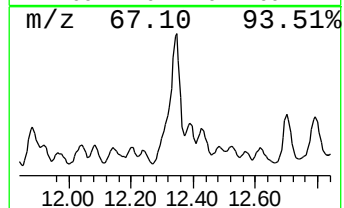
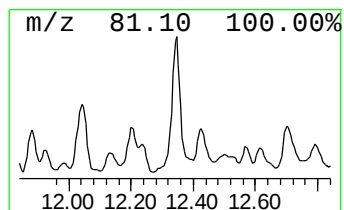
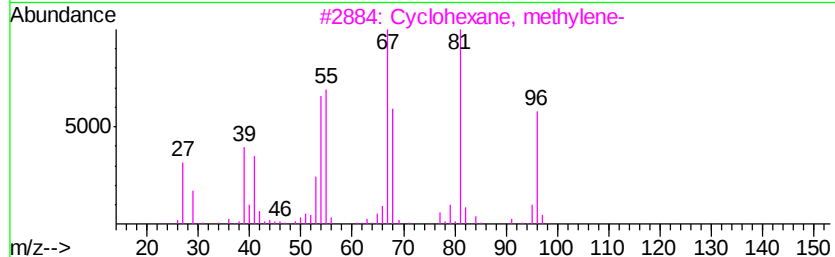
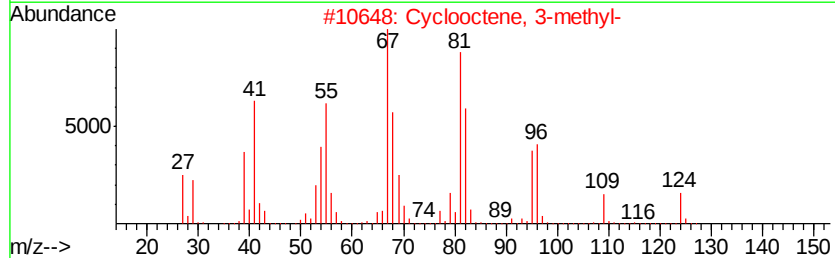
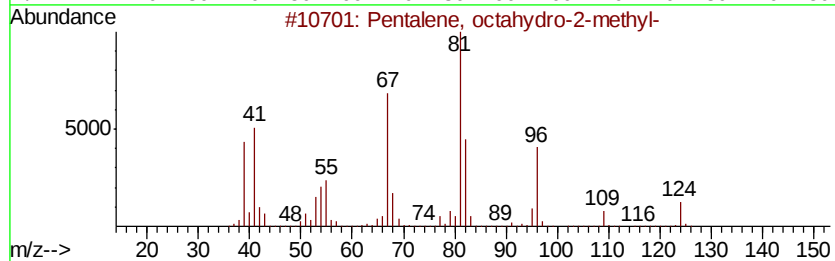
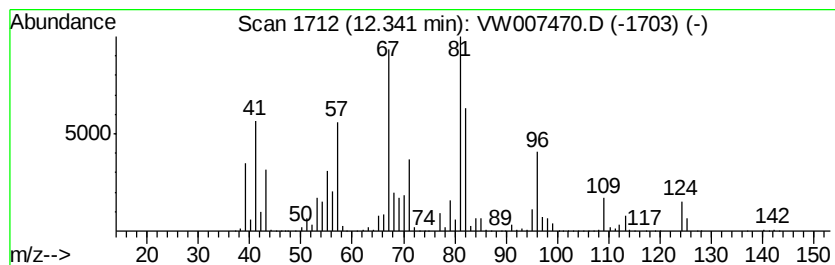
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Quant Title : SW846 8260

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

Peak Number 9 Pentalene, octahydro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	231.70 ug/l	5115600	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	91
2		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	76
3		Cyclohexane, methylene-	96	C7H12	001192-37-6	60
4		Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	53
5		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121518\
Data File : VW007470.D
Acq On : 13 Dec 2018 05:41
Operator : SY/AP
Sample : J6329-02
Misc : 5.16G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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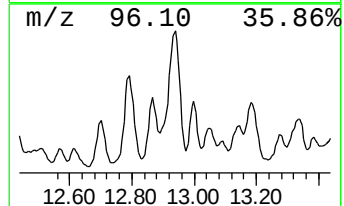
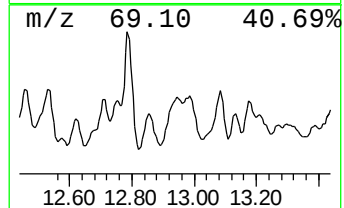
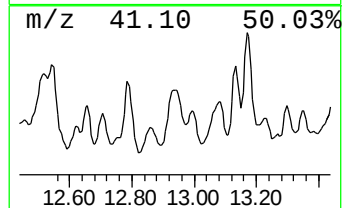
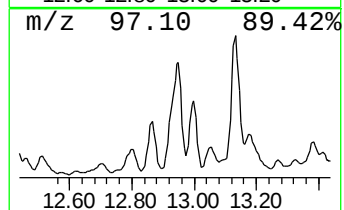
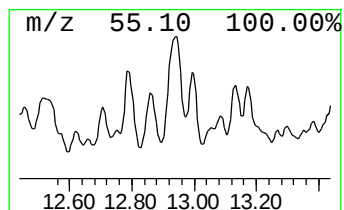
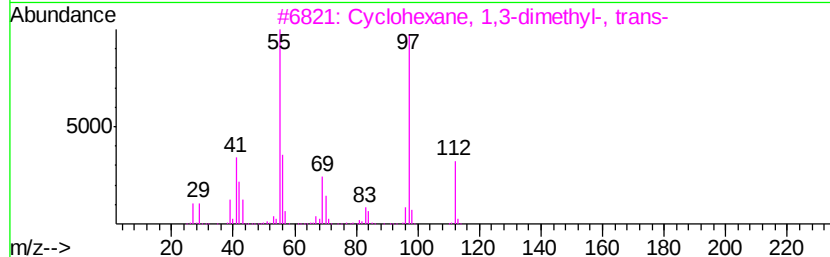
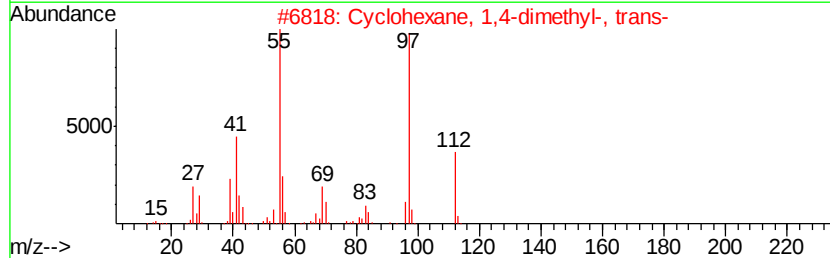
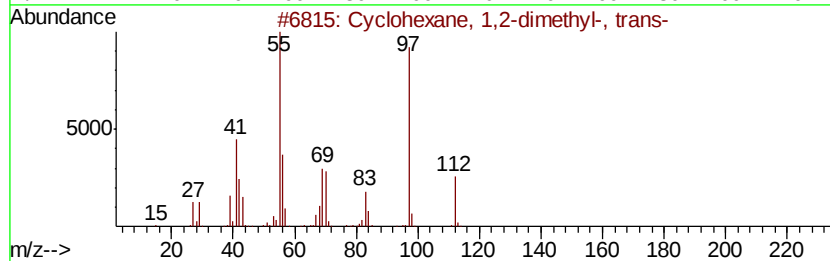
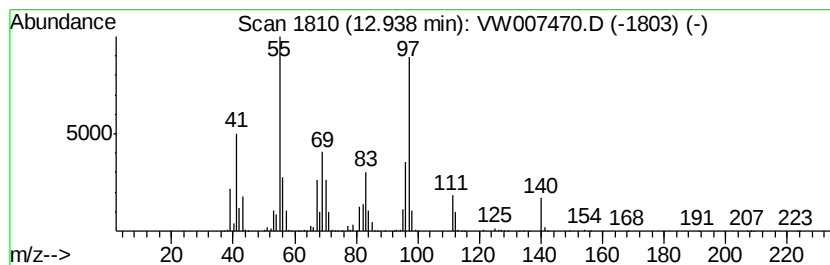
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Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	225.15 ug/l	3428130	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	70
2		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	62
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	62
4		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	62
5		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121518\
Data File : VW007470.D
Acq On : 13 Dec 2018 05:41
Operator : SY/AP
Sample : J6329-02
Misc : 5.16G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentene, 2,3,4-...	9.90	208.8	ug/l	2166840	2	8.84	518843	50.0
Cyclohexane, 1,2-...	10.51	193.4	ug/l	4269550	3	11.63	1103920	50.0
Cyclohexane, 1,4-...	10.76	233.2	ug/l	5147660	3	11.63	1103920	50.0
Heptane, 2,5-dime...	11.04	209.8	ug/l	4631990	3	11.63	1103920	50.0
1-Ethyl-3-methylc...	12.14	257.7	ug/l	5689470	3	11.63	1103920	50.0
Pentalene, octahy...	12.34	231.7	ug/l	5115600	3	11.63	1103920	50.0
Cyclohexane, 1,2-...	12.94	225.2	ug/l	3428130	4	13.56	761302	50.0