

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010670.D
 Acq On : 03 Jun 2019 20:06
 Operator : SY/VA
 Sample : K3165-07
 Misc : 1.11G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 51419

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\82W052019S.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	1.977	5	12	25	rVB2	9844	24260	1.31%	0.145%
2	4.129	355	365	376	rBV	20861	56817	3.07%	0.340%
3	7.141	847	859	876	rBV3	16651	60352	3.26%	0.362%
4	7.884	972	981	986	rBV2	88753	213417	11.54%	1.279%
5	7.945	986	991	1002	rVB	170907	379254	20.51%	2.272%
6	8.262	1032	1043	1044	rBV	23818	48355	2.62%	0.290%
7	8.305	1044	1050	1061	rVB	82829	192926	10.43%	1.156%
8	8.701	1105	1115	1123	rBV3	10089	23496	1.27%	0.141%
9	8.842	1127	1138	1149	rBV	238646	480128	25.97%	2.877%
10	9.031	1161	1169	1176	rBV2	10623	23972	1.30%	0.144%
11	9.287	1202	1211	1214	rBV2	10310	20942	1.13%	0.125%
12	9.329	1214	1218	1223	rVV3	16257	32123	1.74%	0.192%
13	9.409	1223	1231	1237	rVB4	5898	19338	1.05%	0.116%
14	9.756	1281	1288	1301	rVB2	49025	98076	5.30%	0.588%
15	9.890	1302	1310	1317	rBV	83288	165935	8.97%	0.994%
16	10.097	1334	1344	1354	rBV3	25104	56034	3.03%	0.336%
17	10.213	1356	1363	1365	rBV	16862	30118	1.63%	0.180%
18	10.250	1365	1369	1374	rVV	56396	93988	5.08%	0.563%
19	10.323	1374	1381	1386	rVV	385002	680803	36.82%	4.079%
20	10.390	1386	1392	1403	rVB	1021619	1839449	99.48%	11.022%
21	10.506	1403	1411	1415	rBV2	130979	222192	12.02%	1.331%
22	10.567	1415	1421	1428	rVV	1080673	1849001	100.00%	11.079%
23	10.622	1428	1430	1434	rVV2	29600	44315	2.40%	0.266%
24	10.713	1434	1445	1450	rVV2	172231	380995	20.61%	2.283%
25	10.768	1450	1454	1463	rVB3	51658	108244	5.85%	0.649%
26	10.847	1463	1467	1473	rVB3	14854	26572	1.44%	0.159%
27	10.939	1473	1482	1486	rBV	36883	66927	3.62%	0.401%
28	11.036	1492	1498	1501	rBV4	31161	61720	3.34%	0.370%
29	11.109	1506	1510	1514	rVV	60296	103196	5.58%	0.618%
30	11.177	1517	1521	1525	rVV	59482	103105	5.58%	0.618%
31	11.231	1525	1530	1535	rVV	108525	200554	10.85%	1.202%
32	11.286	1535	1539	1542	rVV2	25337	36828	1.99%	0.221%
33	11.335	1542	1547	1552	rVV2	68860	113953	6.16%	0.683%
34	11.433	1552	1563	1571	rVB6	169008	577037	31.21%	3.458%

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35	11.512	1571	1576	1582	rBV	166883	260906	14.11%	1.563%
36	11.634	1587	1596	1604	rBV	269550	584361	31.60%	3.501%
37	11.731	1608	1612	1614	rBV2	35757	45973	2.49%	0.275%
38	11.762	1614	1617	1621	rBV	73628	94875	5.13%	0.568%
39	11.841	1621	1630	1639	rBV3	755121	1642982	88.86%	9.845%
40	11.914	1639	1642	1648	rVB2	122173	212123	11.47%	1.271%
41	11.975	1648	1652	1658	rBV6	25554	51267	2.77%	0.307%
42	12.060	1658	1666	1671	rVB3	27782	78009	4.22%	0.467%
43	12.140	1671	1679	1682	rBV3	179971	404583	21.88%	2.424%
44	12.256	1691	1698	1702	rVB3	52837	115794	6.26%	0.694%
45	12.298	1702	1705	1708	rBV2	30733	50135	2.71%	0.300%
46	12.341	1708	1712	1715	rVV	76465	139773	7.56%	0.838%
47	12.384	1715	1719	1728	rVB4	96747	220932	11.95%	1.324%
48	12.573	1744	1750	1753	rBV	133386	196096	10.61%	1.175%
49	12.621	1753	1758	1763	rVB	180064	279214	15.10%	1.673%
50	12.804	1781	1788	1793	rVB5	14091	36630	1.98%	0.219%
51	12.871	1793	1799	1802	rBV	39982	72256	3.91%	0.433%
52	12.932	1805	1809	1816	rVB3	121105	204962	11.09%	1.228%
53	13.109	1830	1838	1844	rVB	16193	38694	2.09%	0.232%
54	13.255	1856	1862	1866	rBV	45879	70832	3.83%	0.424%
55	13.298	1866	1869	1874	rVV4	14775	25119	1.36%	0.151%
56	13.475	1888	1898	1904	rBV8	20344	63086	3.41%	0.378%
57	13.560	1907	1912	1920	rVB2	191816	322433	17.44%	1.932%
58	13.755	1941	1944	1948	rVV3	14133	22722	1.23%	0.136%
59	13.877	1959	1964	1969	rBV	143495	209705	11.34%	1.257%
60	14.036	1984	1990	1994	rBV4	17619	39018	2.11%	0.234%
61	14.133	2004	2006	2013	rVB4	18234	29380	1.59%	0.176%
62	14.200	2013	2017	2023	rBV5	14822	34139	1.85%	0.205%
63	14.267	2024	2028	2032	rVB4	15896	23594	1.28%	0.141%
64	14.359	2032	2043	2045	rBV4	31990	85680	4.63%	0.513%
65	14.389	2045	2048	2052	rVV3	41832	65939	3.57%	0.395%
66	14.432	2052	2055	2058	rVB2	28559	36363	1.97%	0.218%
67	14.505	2063	2067	2071	rVV2	50409	78878	4.27%	0.473%
68	14.548	2072	2074	2079	rVB3	16755	24017	1.30%	0.144%
69	14.731	2099	2104	2110	rVB	261622	375035	20.28%	2.247%
70	14.804	2111	2116	2119	rBV3	45395	85795	4.64%	0.514%
71	14.847	2119	2123	2130	rVB	118110	220846	11.94%	1.323%

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72	14.975	2141	2144	2148	rVB5	16813	23560	1.27%	0.141%
73	15.066	2155	2159	2165	rBV7	22354	37311	2.02%	0.224%
74	15.170	2170	2176	2180	rVV4	50891	121874	6.59%	0.730%
75	15.218	2180	2184	2186	rVV2	43654	72665	3.93%	0.435%
76	15.255	2186	2190	2197	rVB3	79911	170611	9.23%	1.022%
77	15.334	2198	2203	2210	rBV	160819	288524	15.60%	1.729%
78	15.401	2211	2214	2219	rVV6	21537	38672	2.09%	0.232%
79	15.560	2235	2240	2249	rVB	263258	420848	22.76%	2.522%
80	15.639	2250	2253	2254	rBV3	19945	22993	1.24%	0.138%
81	15.871	2288	2291	2296	rBV6	18527	30885	1.67%	0.185%
82	16.298	2357	2361	2369	rVB2	57232	114501	6.19%	0.686%
83	16.505	2391	2395	2401	rVB2	78645	130884	7.08%	0.784%
84	16.645	2412	2418	2432	rVB8	66812	239233	12.94%	1.433%

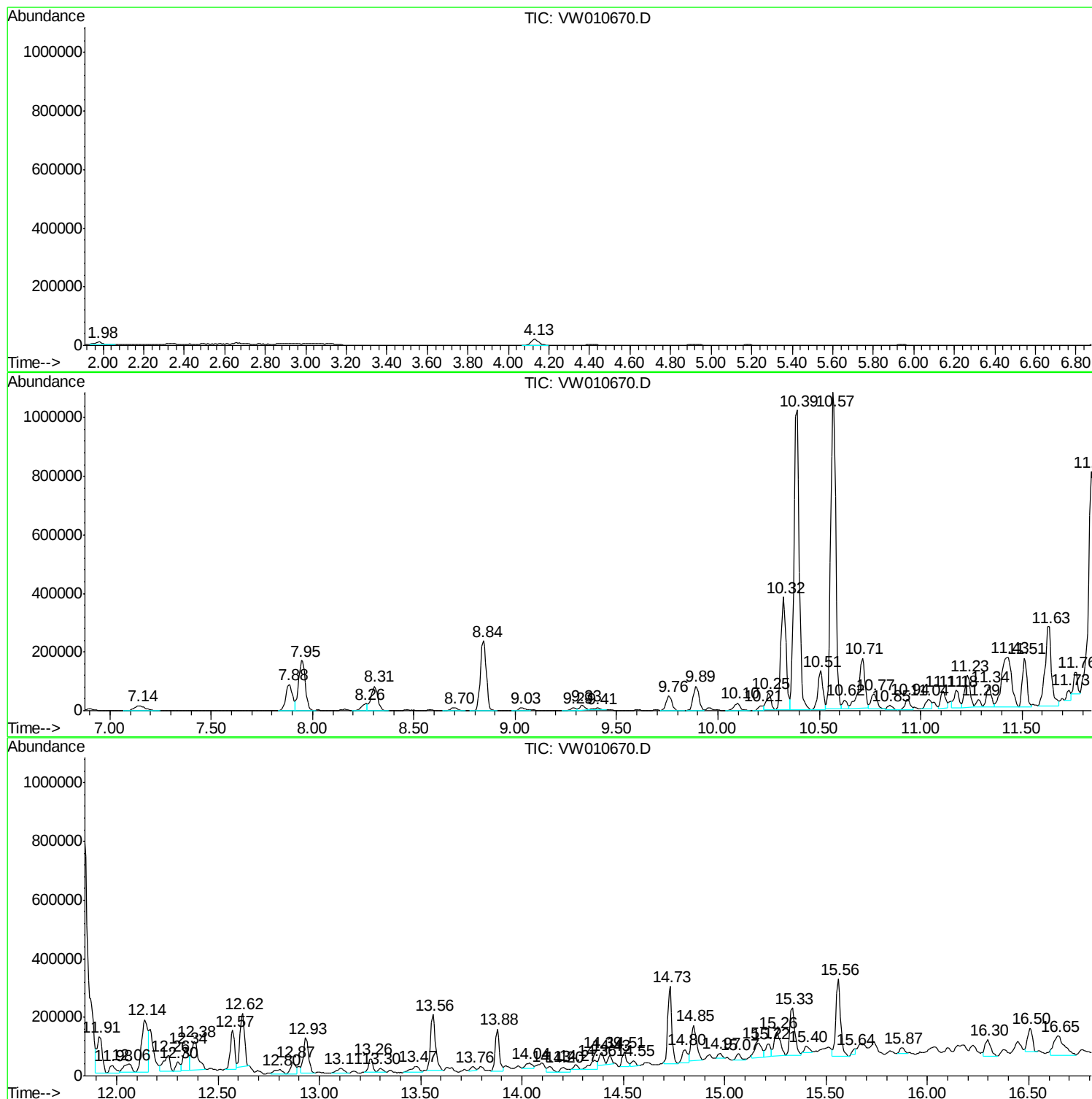
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Misc : 1.11G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

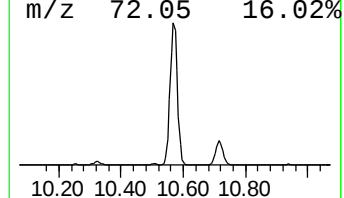
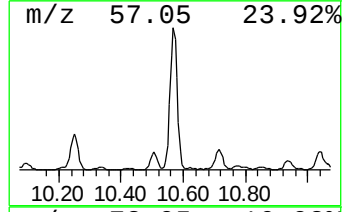
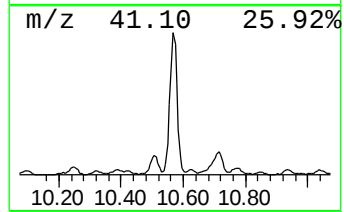
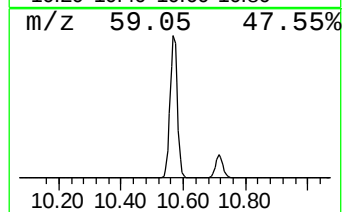
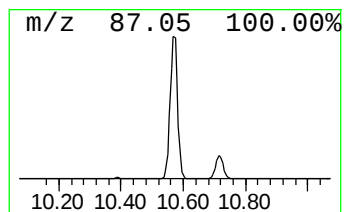
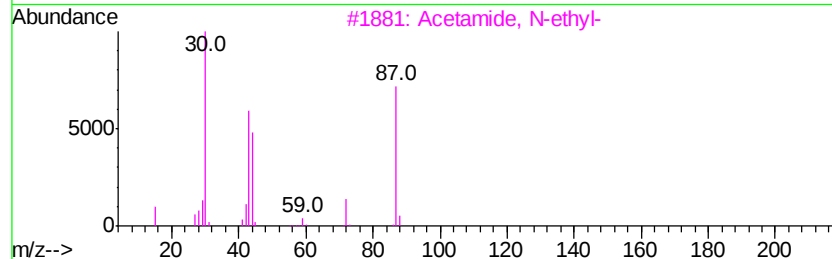
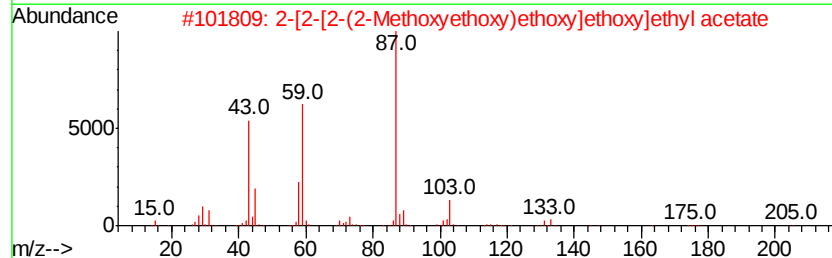
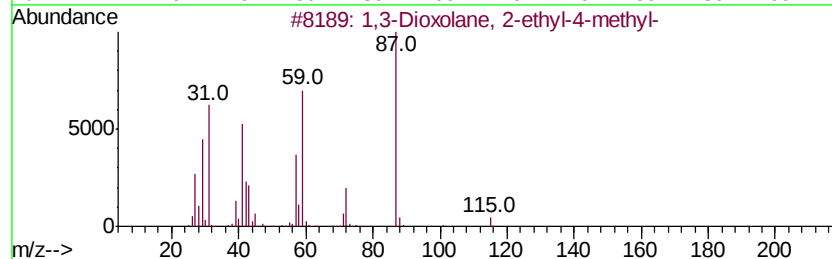
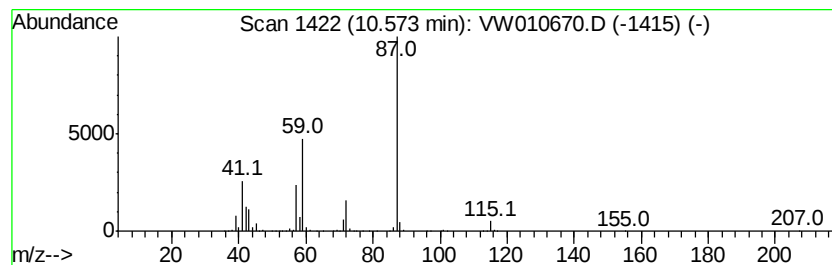
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 1 1,3-Dioxolane, 2-ethyl-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.57	158.21 ug/l	1849000	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	90	
2	2-[2-[2-(2-Methoxyethoxy)ethoxy]...	250	C11H22O6	1000351-91-4	64	
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	53	
4	2-Propanone, O-methylloxime	87	C4H9NO	003376-35-0	52	
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	50	



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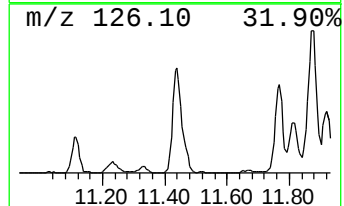
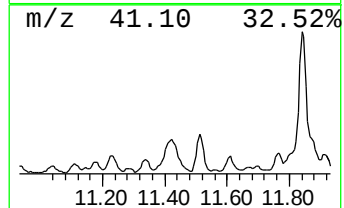
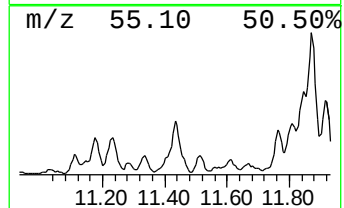
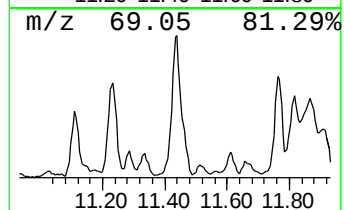
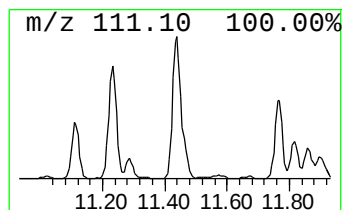
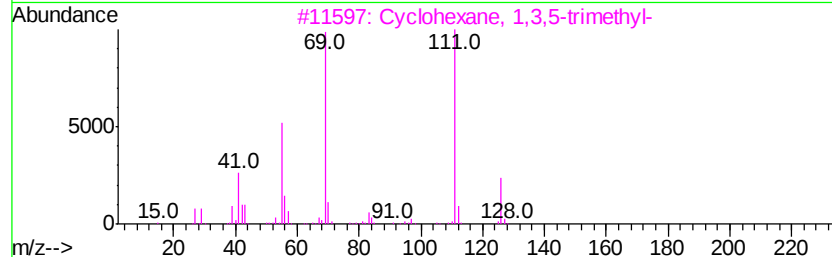
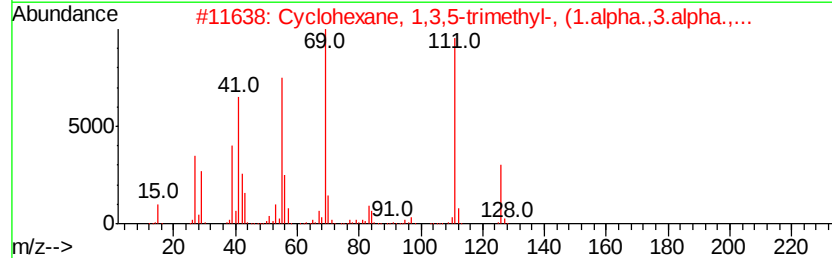
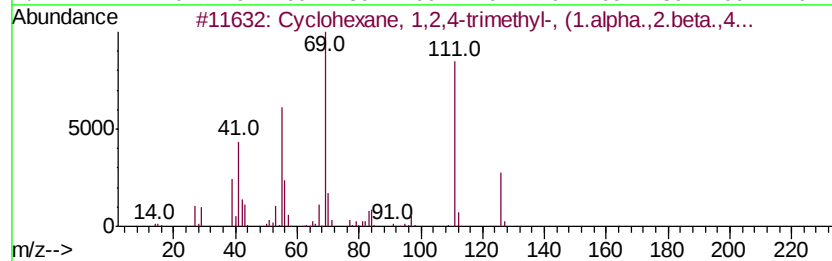
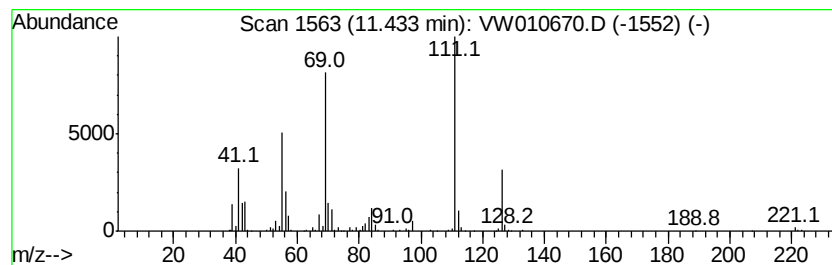
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1,2,4-trimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	49.37 ug/l	577037	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	80



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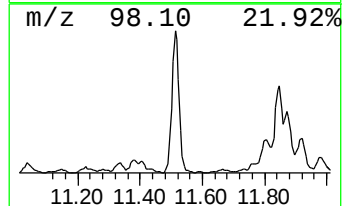
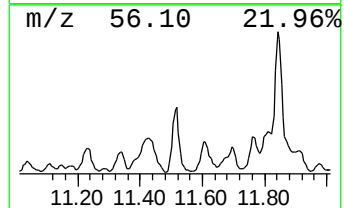
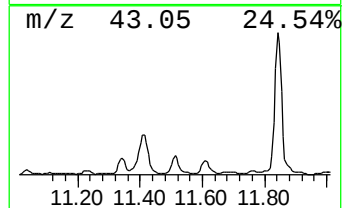
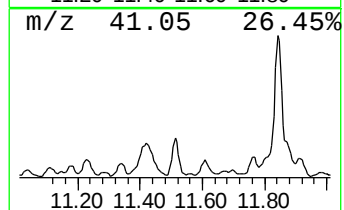
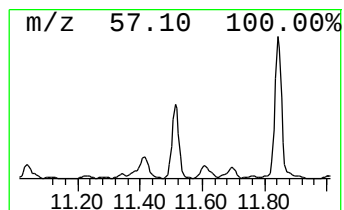
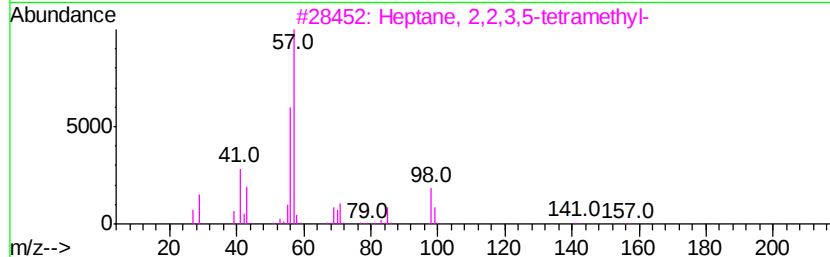
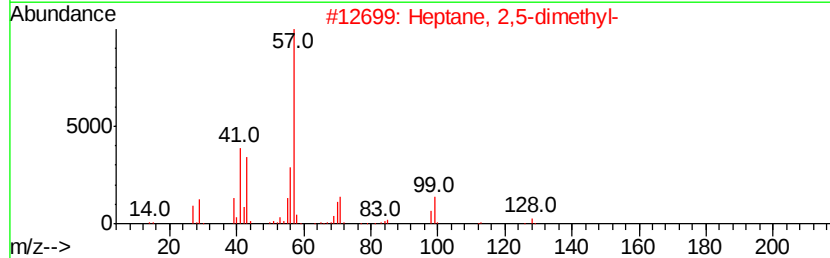
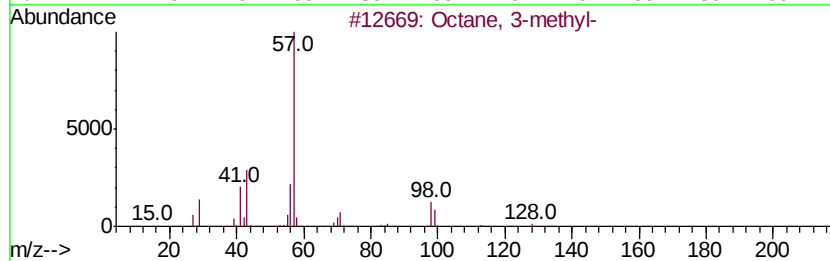
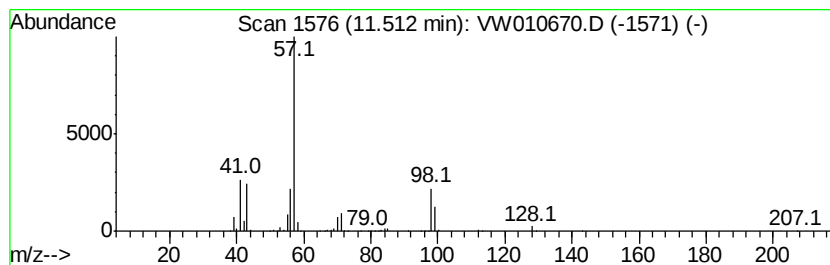
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 4 Octane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	22.32 ug/l	260906	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
3		Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	53
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	50
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45



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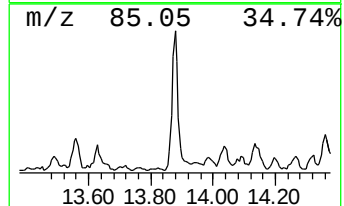
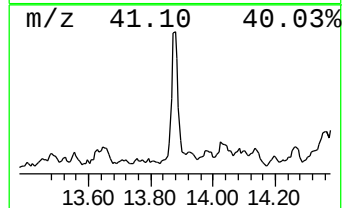
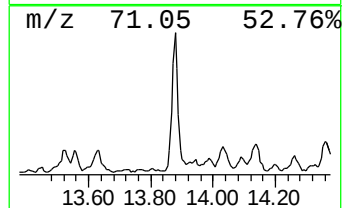
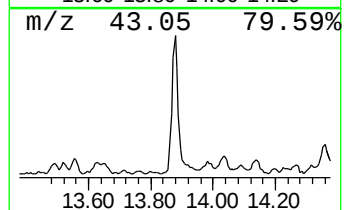
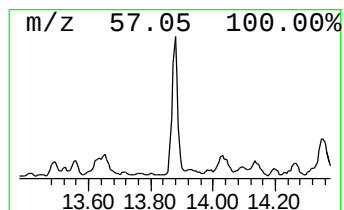
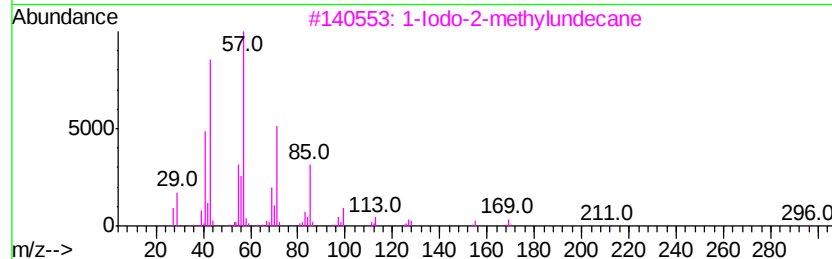
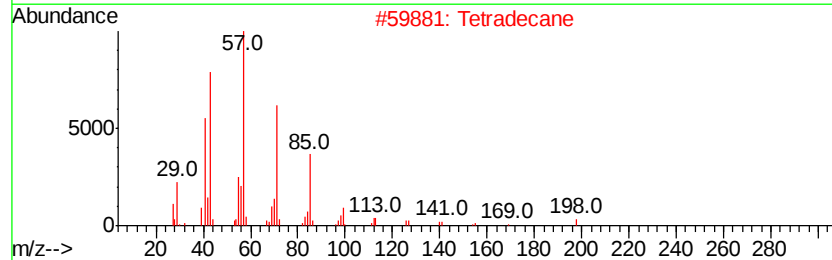
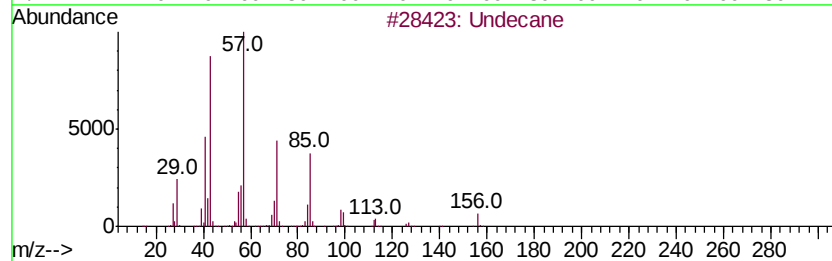
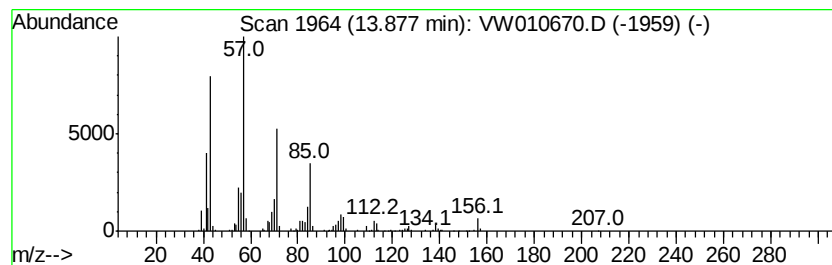
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	32.52 ug/l	209705	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	97
2	Tetradecane		198	C14H30	000629-59-4	91
3	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	80
4	Nonane		128	C9H20	000111-84-2	70
5	Hexadecane		226	C16H34	000544-76-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010670.D
Acq On : 03 Jun 2019 20:06
Operator : SY/VA
Sample : K3165-07
Misc : 1.11G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
51419

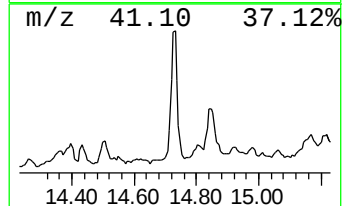
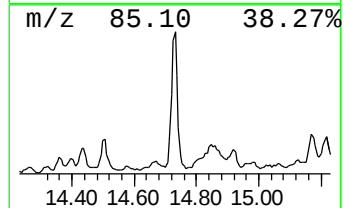
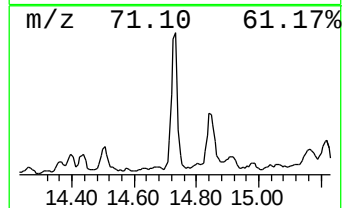
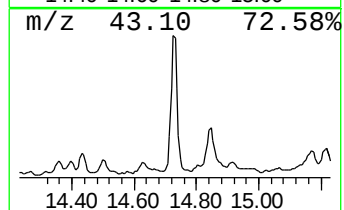
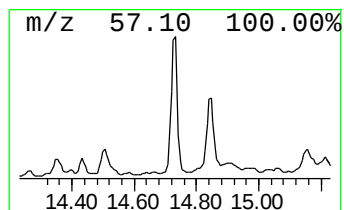
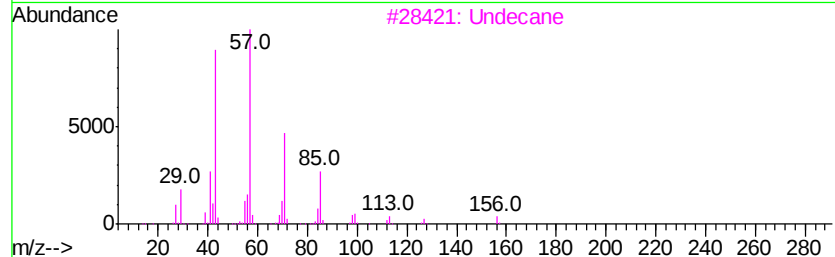
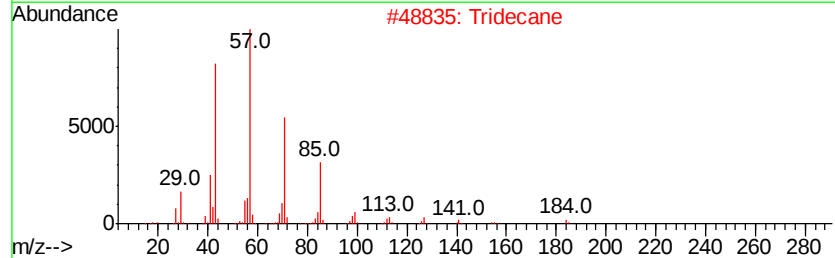
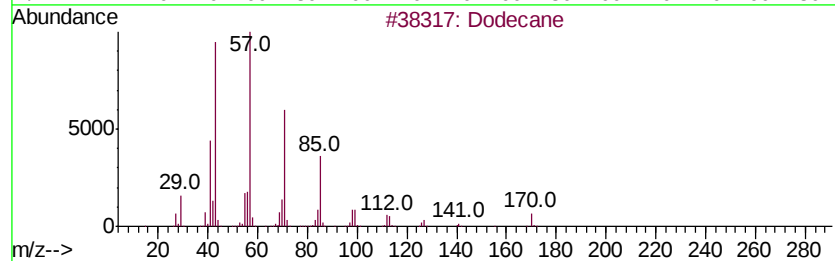
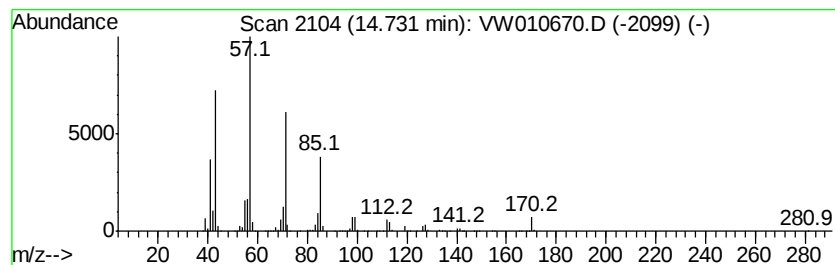
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	58.16 ug/l	375035	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	96
2	Tridecane		184	C13H28	000629-50-5	90
3	Undecane		156	C11H24	001120-21-4	86
4	Hexadecane		226	C16H34	000544-76-3	86
5	1-Octadecanesulphonyl chloride		352	C18H37ClO2S	1000342-70-4	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010670.D
Acq On : 03 Jun 2019 20:06
Operator : SY/VA
Sample : K3165-07
Misc : 1.11G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
51419

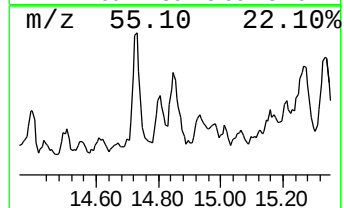
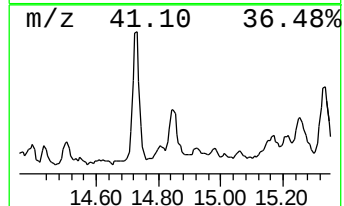
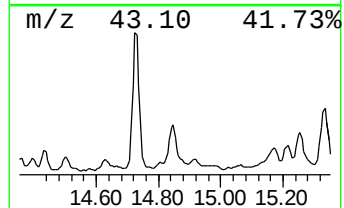
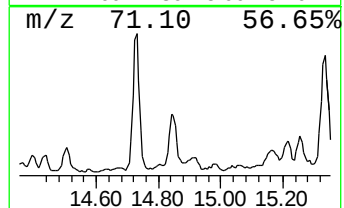
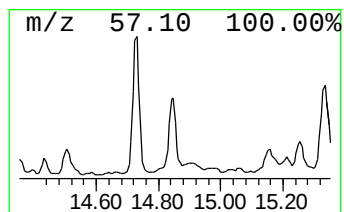
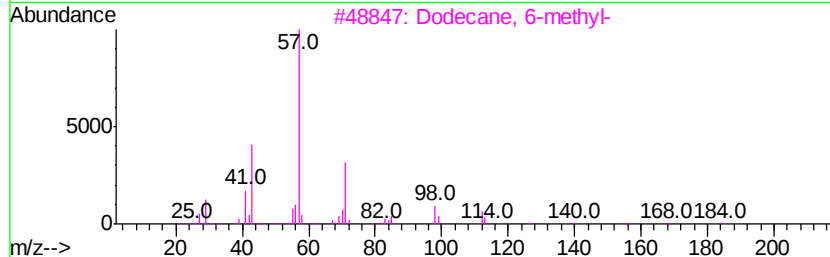
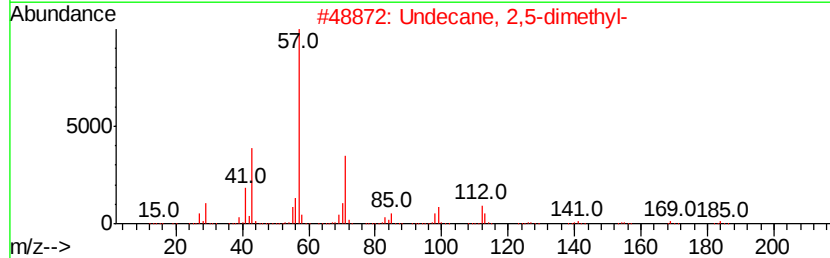
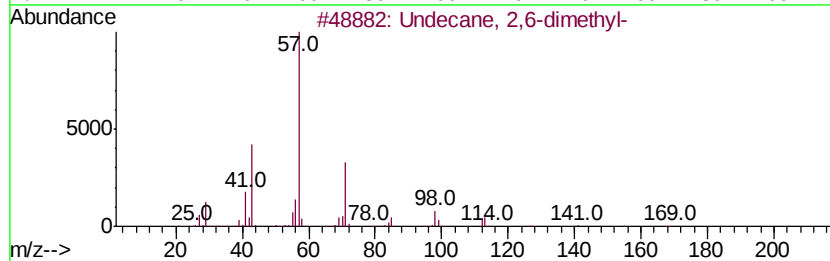
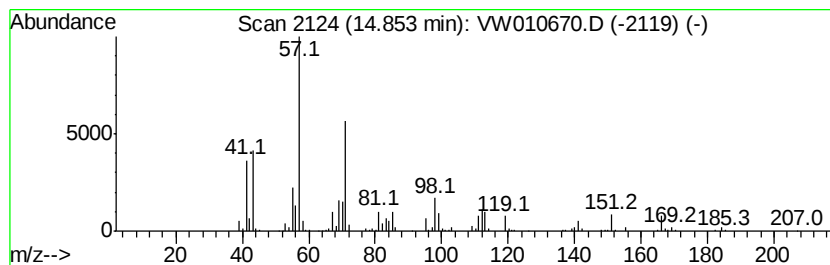
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	34.25 ug/l	220846	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	93	
2	Undecane,	2,5-dimethyl-	184	C13H28	017301-22-3	81	
3	Dodecane,	6-methyl-	184	C13H28	006044-71-9	81	
4	Undecane,	4,6-dimethyl-	184	C13H28	017312-82-2	72	
5	Nonane,	3-methyl-	142	C10H22	005911-04-6	68	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010670.D
Acq On : 03 Jun 2019 20:06
Operator : SY/VA
Sample : K3165-07
Misc : 1.11G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

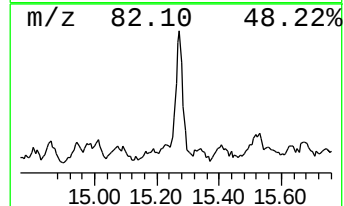
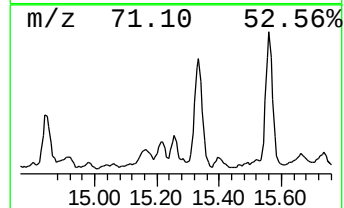
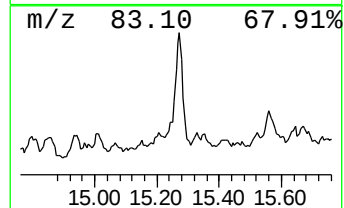
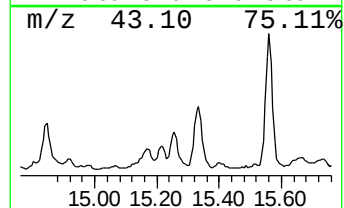
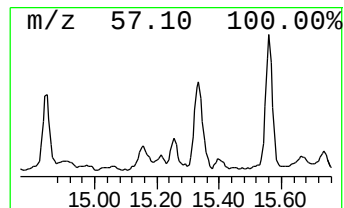
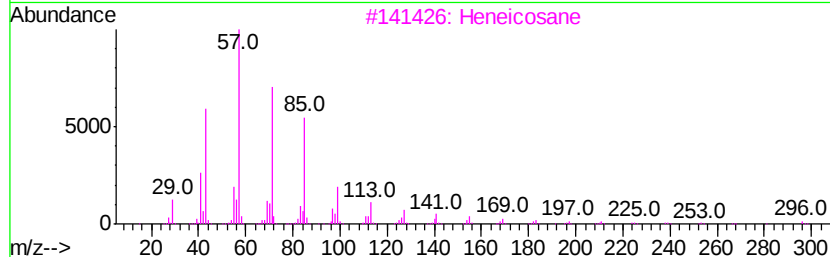
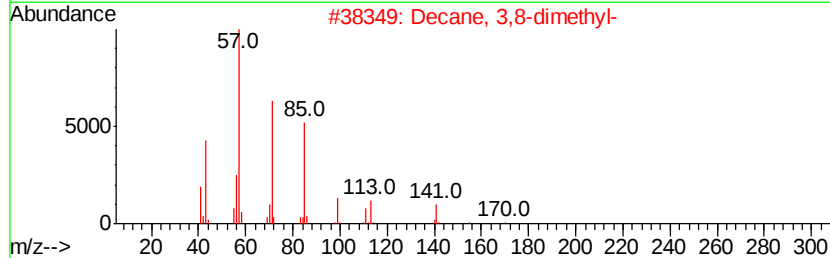
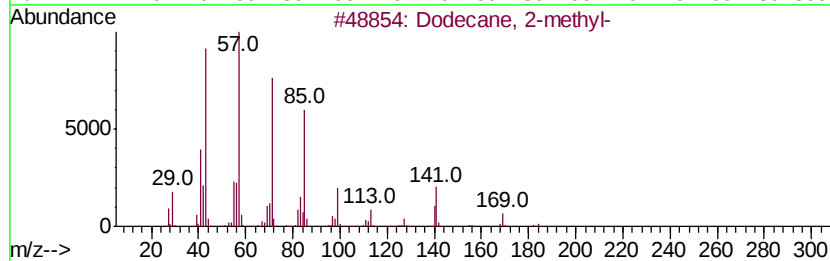
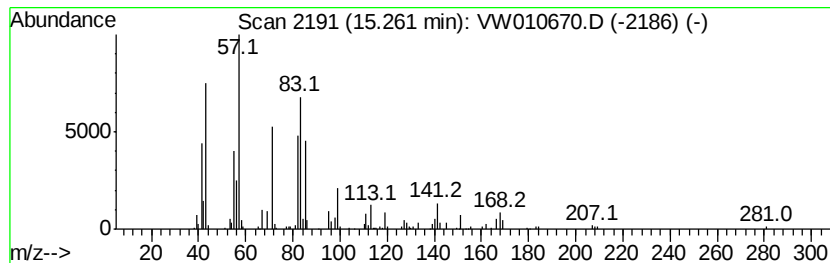
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	26.46 ug/l	170611	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	76
2	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	64
3	Heneicosane	296 C21H44	000629-94-7	58
4	Decane, 3-bromo-	220 C10H21Br	030571-71-2	52
5	Octadecane	254 C18H38	000593-45-3	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010670.D
Acq On : 03 Jun 2019 20:06
Operator : SY/VA
Sample : K3165-07
Misc : 1.11G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

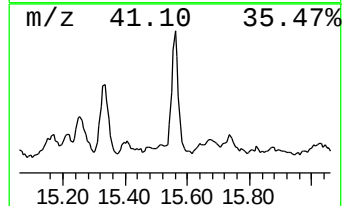
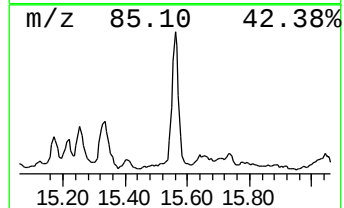
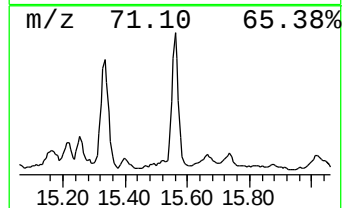
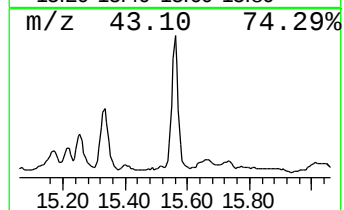
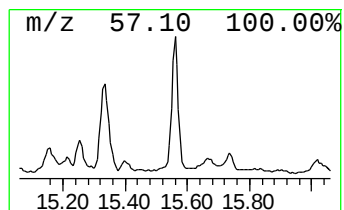
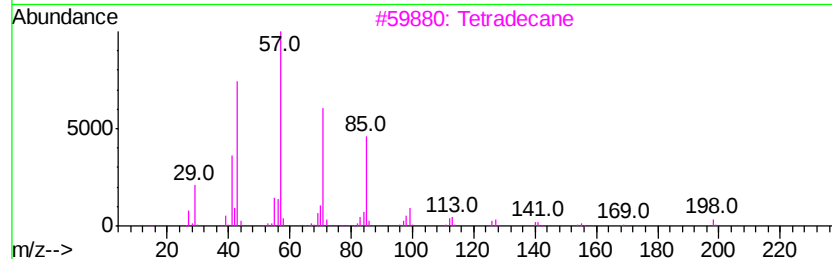
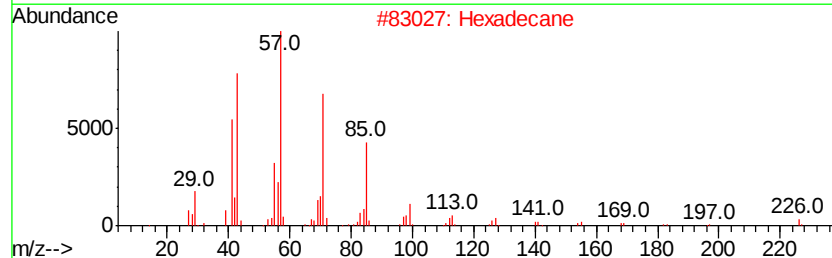
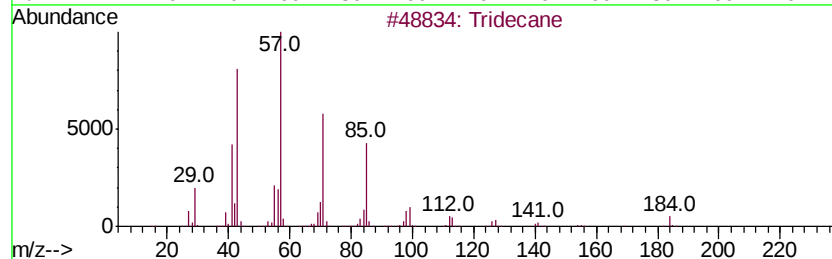
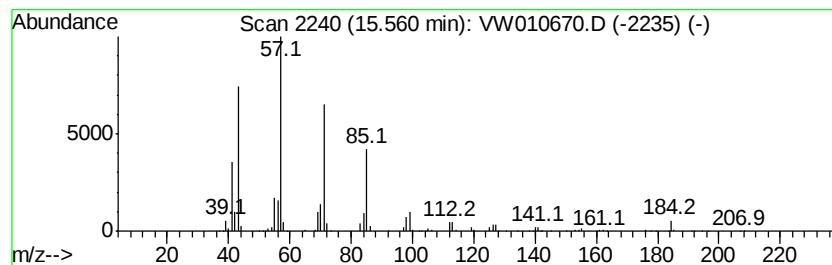
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	65.26 ug/l	420848	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	98
2	Hexadecane	226 C16H34	000544-76-3	91
3	Tetradecane	198 C14H30	000629-59-4	91
4	Dodecane	170 C12H26	000112-40-3	90
5	1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010670.D
Acq On : 03 Jun 2019 20:06
Operator : SY/VA
Sample : K3165-07
Misc : 1.11G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

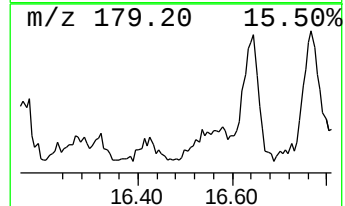
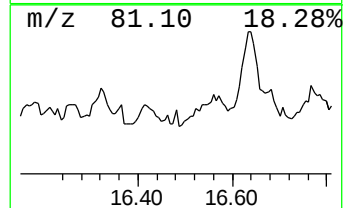
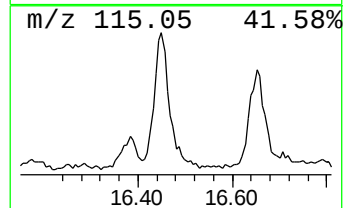
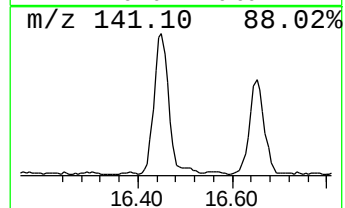
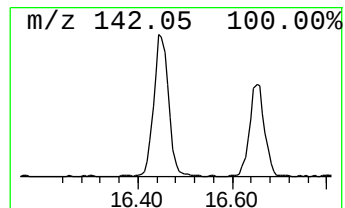
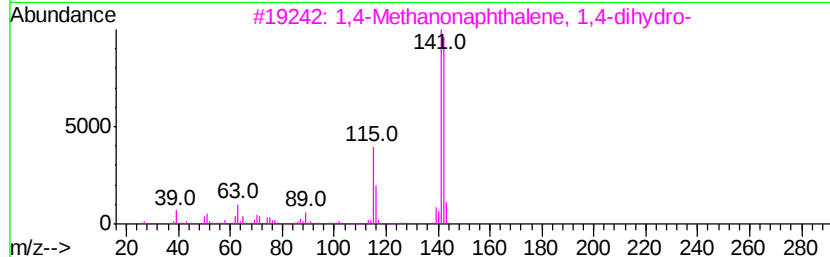
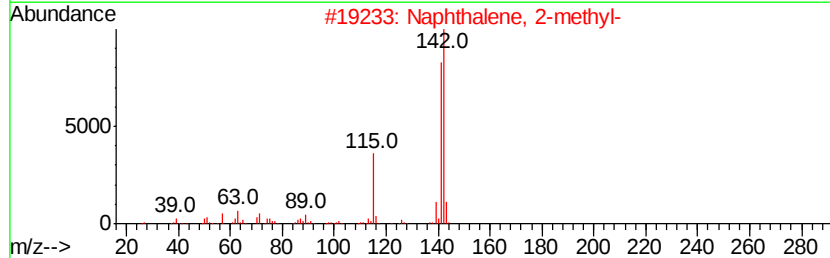
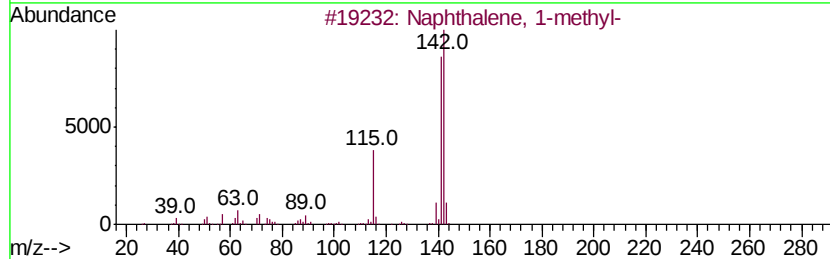
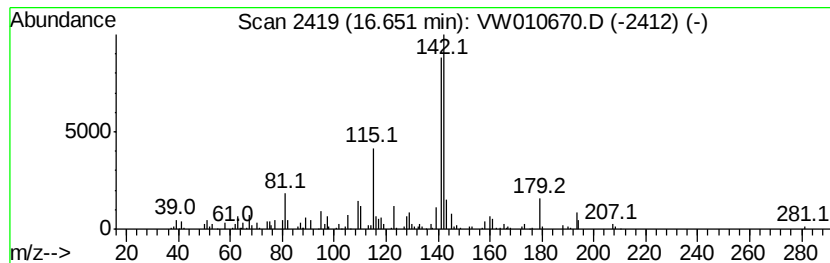
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.65	37.10 ug/l	239233	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	76
4	Benzocycloheptatriene	142	C11H10	000264-09-5	70
5	Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060319\
Data File : VW010670.D
Acq On : 03 Jun 2019 20:06
Operator : SY/VA
Sample : K3165-07
Misc : 1.11G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.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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Cyclohexane, 1,2,...	11.43	49.4	ug/l	577037	3	11.63	584361	50.0
Octane, 3-methyl-	11.51	22.3	ug/l	260906	3	11.63	584361	50.0
Undecane	13.88	32.5	ug/l	209705	4	13.56	322433	50.0
Dodecane	14.73	58.2	ug/l	375035	4	13.56	322433	50.0
Undecane, 2,6-dim...	14.85	34.3	ug/l	220846	4	13.56	322433	50.0
Dodecane, 2-methyl-	15.26	26.5	ug/l	170611	4	13.56	322433	50.0
Tridecane	15.56	65.3	ug/l	420848	4	13.56	322433	50.0
Naphthalene, 1-me...	16.65	37.1	ug/l	239233	4	13.56	322433	50.0