

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010711.D
 Acq On : 06 Jun 2019 15:49
 Operator : SY/VA
 Sample : K3097-15
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0435-HR-15(HACKENSACK)

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\82W060419S.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	1.959	4	9	20	rVB2	24877	43978	3.50%	0.331%
2	2.318	64	68	70	rBV2	11726	16265	1.29%	0.122%
3	2.349	71	73	80	rVB2	13607	17414	1.39%	0.131%
4	3.026	178	184	189	rBV2	7259	14938	1.19%	0.112%
5	3.385	236	243	254	rVB2	15108	38238	3.04%	0.288%
6	4.123	354	364	380	rBV	82650	229527	18.26%	1.728%
7	4.391	395	408	420	rBV3	10440	34302	2.73%	0.258%
8	4.958	480	501	512	rBV4	7705	42672	3.39%	0.321%
9	5.434	570	579	591	rBV6	4462	17165	1.37%	0.129%
10	5.940	653	662	675	rVB4	10088	29926	2.38%	0.225%
11	7.141	846	859	884	rBV	246259	705321	56.11%	5.310%
12	7.884	968	981	986	rBV2	142323	341976	27.21%	2.575%
13	7.945	986	991	1001	rVV	272850	610015	48.53%	4.592%
14	8.256	1031	1042	1047	rVV	330576	857536	68.22%	6.456%
15	8.305	1047	1050	1060	rVB	180830	360733	28.70%	2.716%
16	8.842	1129	1138	1151	rBV	436501	863788	68.72%	6.503%
17	9.073	1167	1176	1184	rBV2	8190	18491	1.47%	0.139%
18	9.329	1206	1218	1224	rBV6	9190	27140	2.16%	0.204%
19	9.756	1282	1288	1295	rBV3	11942	23252	1.85%	0.175%
20	9.896	1300	1311	1316	rBV	23144	48212	3.84%	0.363%
21	10.250	1365	1369	1374	rVV	11401	21120	1.68%	0.159%
22	10.323	1374	1381	1387	rVV	714021	1257000	100.00%	9.463%
23	10.390	1387	1392	1403	rVV	70452	130965	10.42%	0.986%
24	10.506	1404	1411	1419	rVB7	4887	12632	1.00%	0.095%
25	10.707	1439	1444	1449	rVB2	15669	27772	2.21%	0.209%
26	11.067	1494	1503	1508	rBV2	30268	51550	4.10%	0.388%
27	11.231	1525	1530	1535	rVV	16921	28198	2.24%	0.212%
28	11.439	1558	1564	1572	rVB2	24308	46761	3.72%	0.352%
29	11.634	1587	1596	1604	rBV	587829	1019859	81.13%	7.678%
30	11.823	1622	1627	1631	rBV4	11763	23074	1.84%	0.174%
31	11.878	1631	1636	1647	rVB5	23844	62250	4.95%	0.469%
32	11.975	1647	1652	1654	rBV4	9510	15730	1.25%	0.118%
33	12.134	1671	1678	1686	rBV4	33283	86064	6.85%	0.648%
34	12.250	1689	1697	1702	rVB3	28158	76212	6.06%	0.574%

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 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Integration Parameters: RTEINT.P

Integrator: RTE
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35	12.365	1702	1716	1722	rBV3	88290	250017	19.89%	1.882%
36	12.451	1722	1730	1735	rBV6	26365	70062	5.57%	0.527%
37	12.621	1747	1758	1764	rVB2	506898	1026850	81.69%	7.730%
38	12.701	1764	1771	1775	rBV5	42235	107374	8.54%	0.808%
39	12.780	1775	1784	1790	rVB3	82751	261297	20.79%	1.967%
40	12.865	1790	1798	1803	rBV4	50331	129476	10.30%	0.975%
41	12.969	1804	1815	1825	rBV7	83961	305380	24.29%	2.299%
42	13.079	1826	1833	1837	rBV4	42713	86064	6.85%	0.648%
43	13.127	1837	1841	1844	rBV2	56750	82146	6.54%	0.618%
44	13.195	1844	1852	1860	rVB	156063	374480	29.79%	2.819%
45	13.262	1860	1863	1865	rBV3	17169	22057	1.75%	0.166%
46	13.298	1865	1869	1874	rBV	73144	117762	9.37%	0.887%
47	13.414	1879	1888	1896	rVV2	217488	505833	40.24%	3.808%
48	13.481	1896	1899	1903	rVV2	42020	71544	5.69%	0.539%
49	13.560	1907	1912	1916	rVV	570703	924979	73.59%	6.964%
50	13.603	1916	1919	1929	rVB	216697	452814	36.02%	3.409%
51	13.701	1929	1935	1939	rBV5	43169	85415	6.80%	0.643%
52	13.768	1939	1946	1951	rBV2	74913	143713	11.43%	1.082%
53	13.877	1960	1964	1970	rBV3	77098	130131	10.35%	0.980%
54	14.078	1992	1997	2002	rBV5	53836	110697	8.81%	0.833%
55	14.200	2013	2017	2021	rBV3	22801	37338	2.97%	0.281%
56	14.267	2024	2028	2034	rVB3	41805	84870	6.75%	0.639%
57	14.389	2043	2048	2052	rBV2	69277	119803	9.53%	0.902%
58	14.505	2062	2067	2072	rBV4	96992	219721	17.48%	1.654%
59	14.554	2072	2075	2080	rVB2	58735	84095	6.69%	0.633%
60	14.743	2104	2106	2111	rVB4	15668	18448	1.47%	0.139%
61	14.804	2112	2116	2120	rBV5	27277	56982	4.53%	0.429%
62	14.975	2141	2144	2147	rBV4	20498	27544	2.19%	0.207%
63	15.334	2199	2203	2210	rVB2	59936	106665	8.49%	0.803%
64	16.298	2357	2361	2369	rVB	35095	69509	5.53%	0.523%

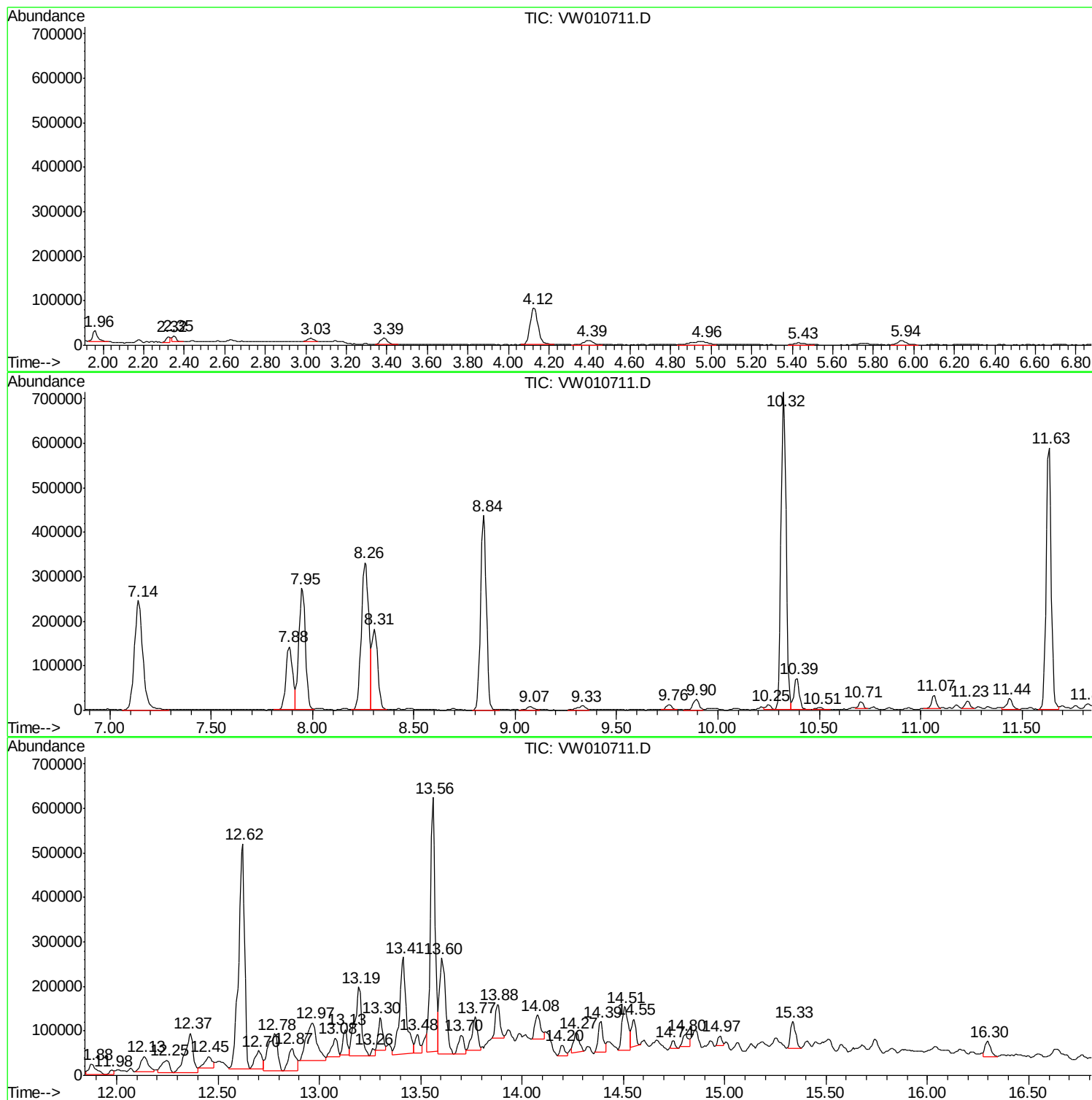
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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



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ALS Vial : 12 Sample Multiplier: 1

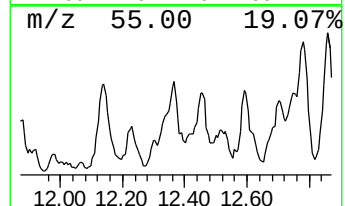
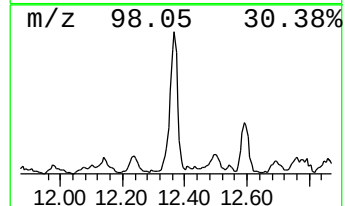
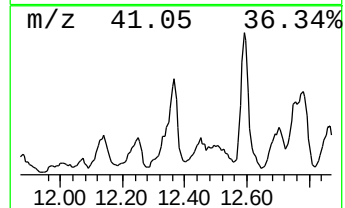
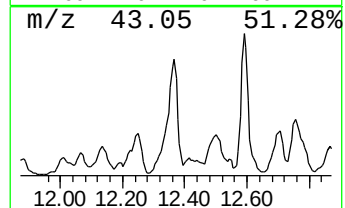
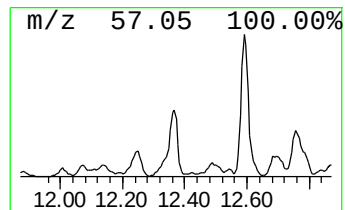
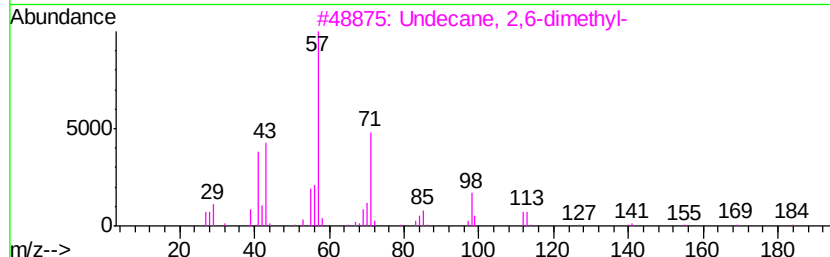
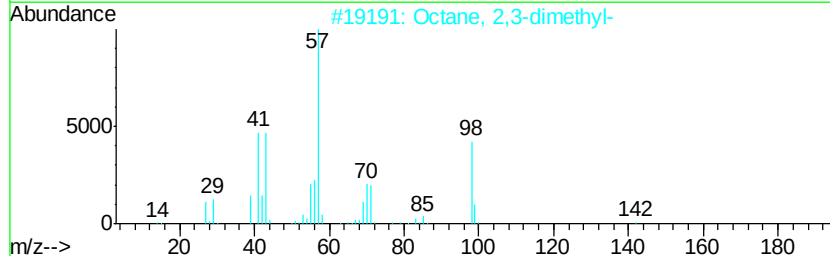
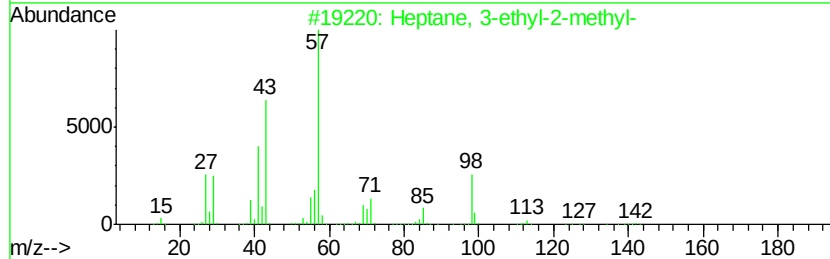
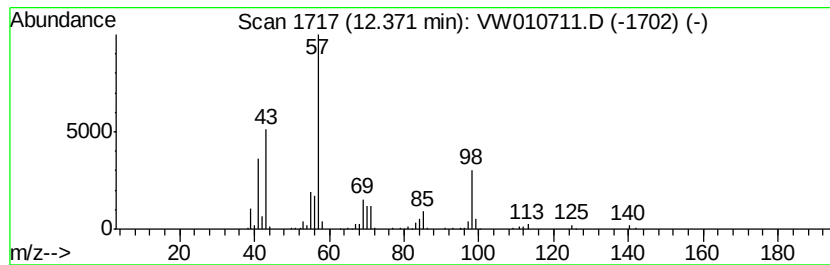
Instrument :
MSVOA_W
ClientSampleId :
0435-HR-15(HACKENSACK)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.37	12.26 ug/l	250017	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	68
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	58
5	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53



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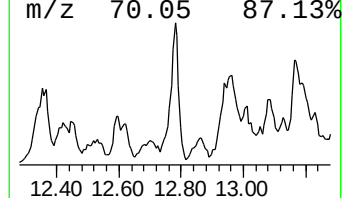
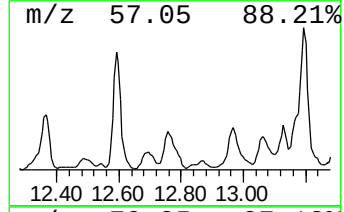
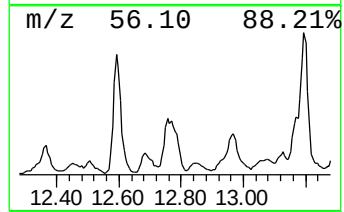
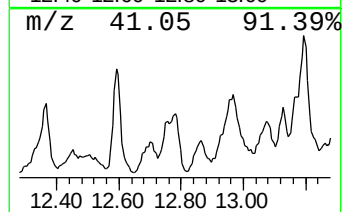
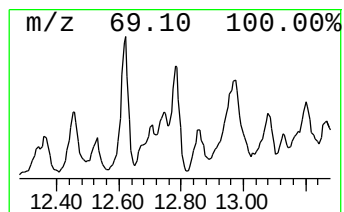
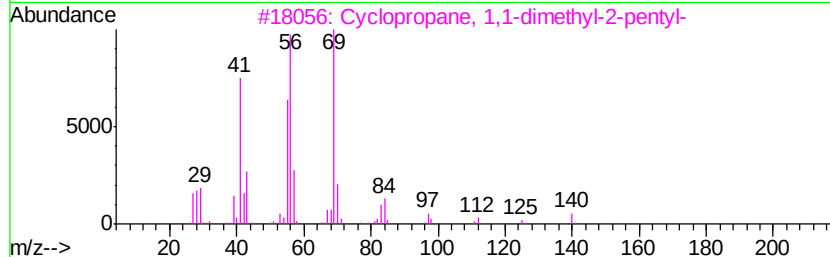
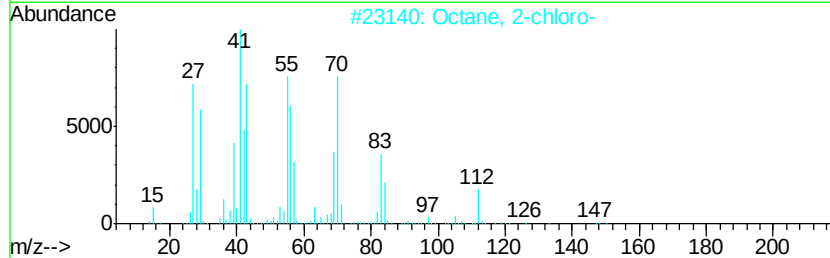
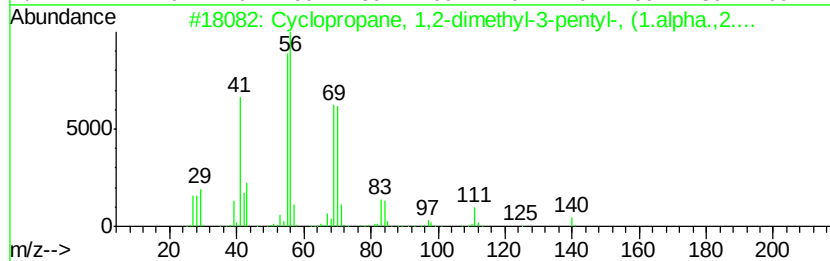
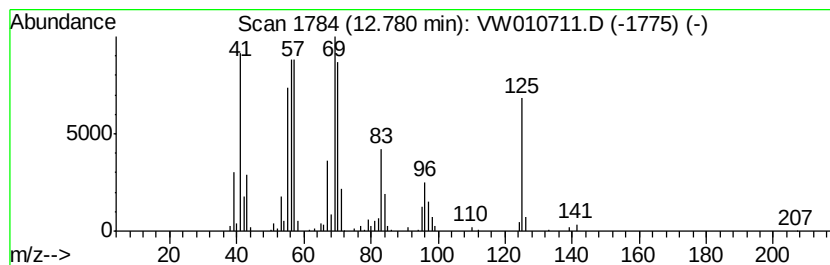
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopropane, 1,2-dimethyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.78	14.12 ug/l	261297	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-10-2	59
2		Octane, 2-chloro-	148	C8H17Cl	000628-61-5	43
3		Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	43
4		Cyclobutane, 2-hexyl-1,1,4-trime...	182	C13H26	049622-19-7	43
5		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43



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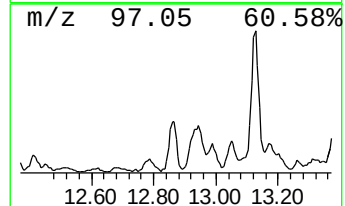
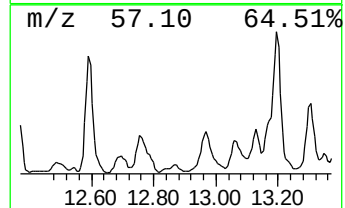
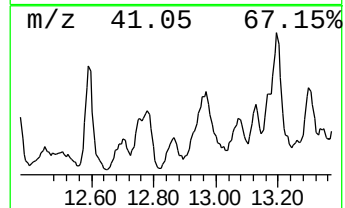
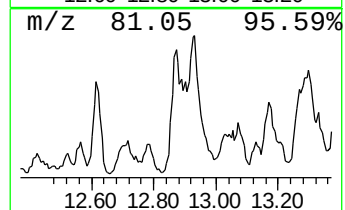
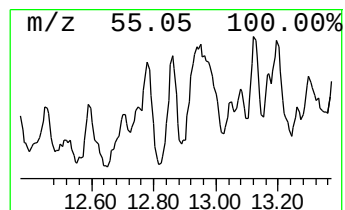
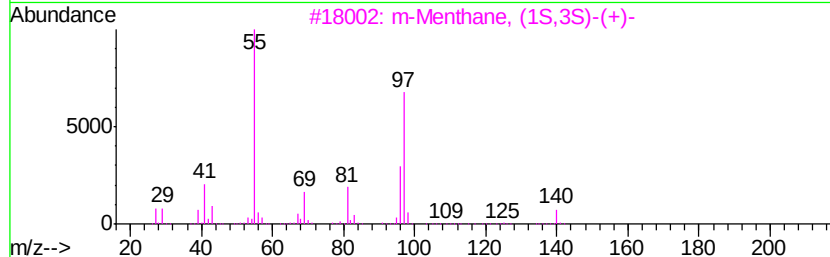
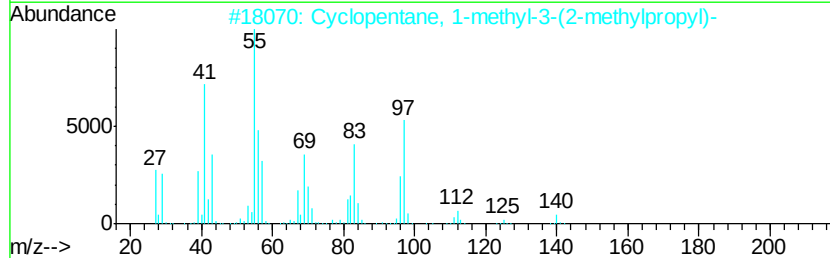
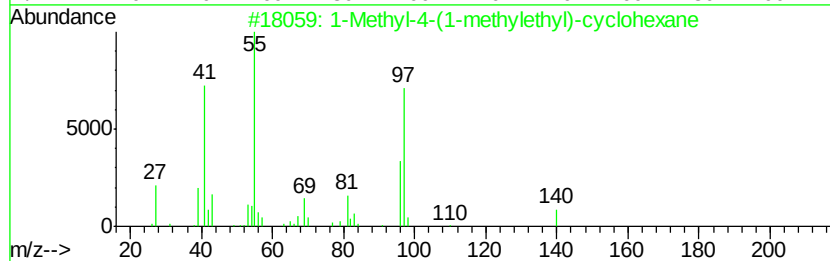
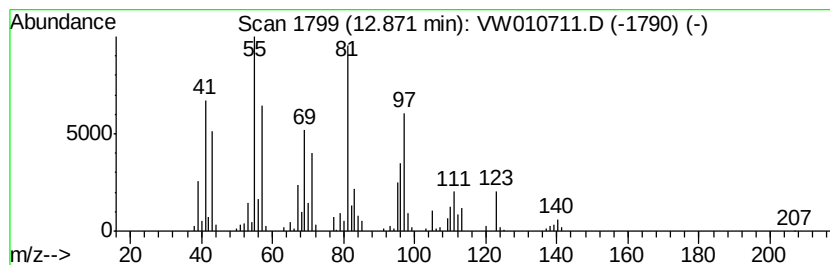
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Quant Title : SW846 8260

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

Peak Number 3 unknown12.87 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	7.00 ug/l	129476	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	46
2			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	46
3			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43
4			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	43
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	38



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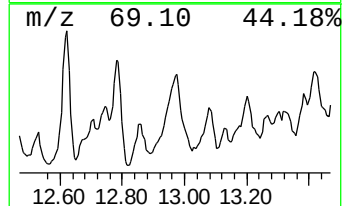
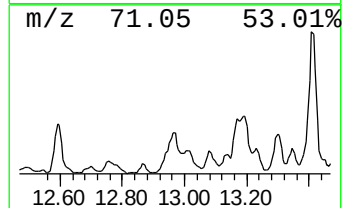
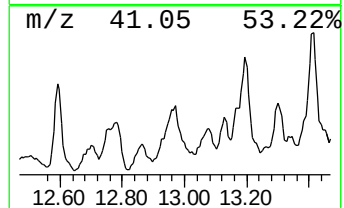
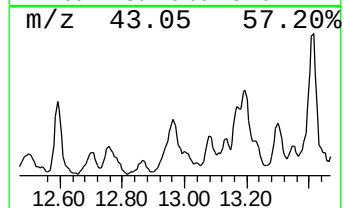
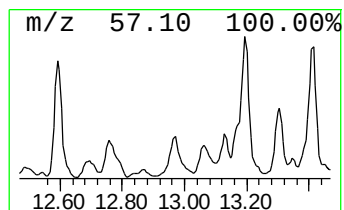
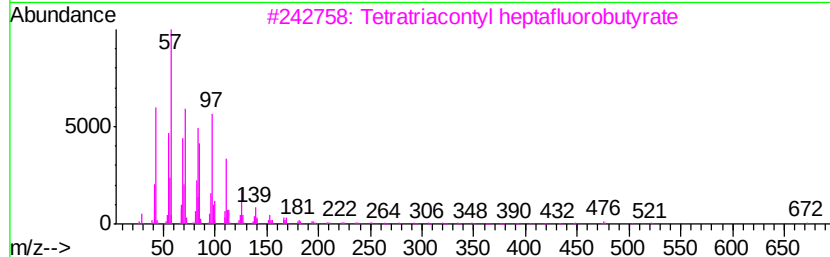
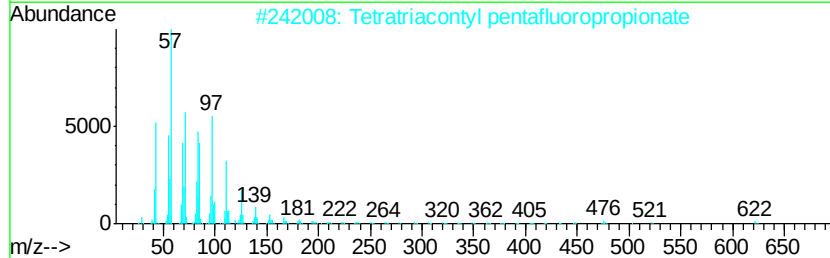
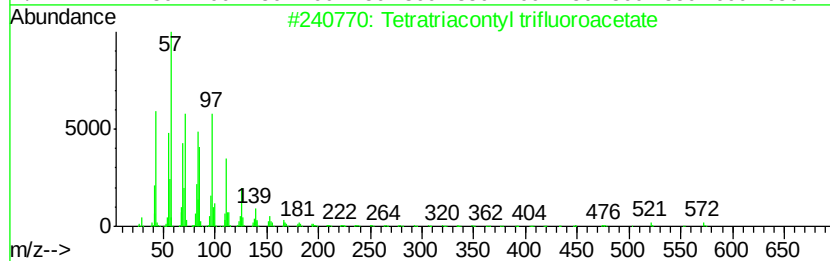
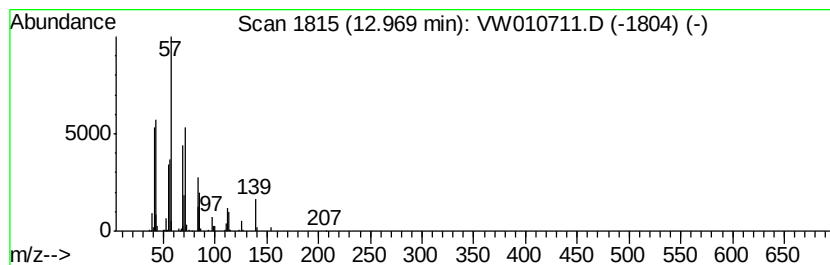
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetratriacontyl trifluoroac... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	16.51 ug/l	305380	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	59
2		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	59
3		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	59
4		Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	59
5		Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	59



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ClientSampleId :
0435-HR-15(HACKENSACK)

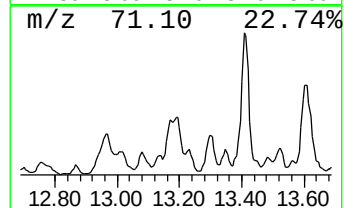
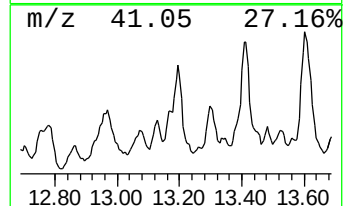
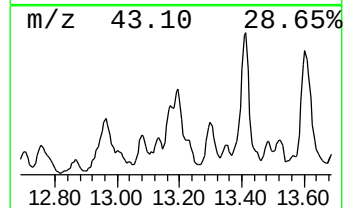
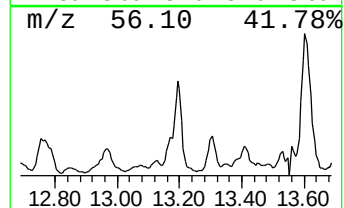
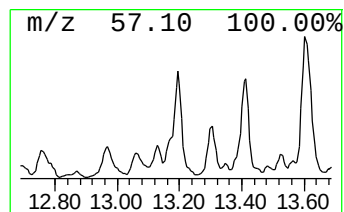
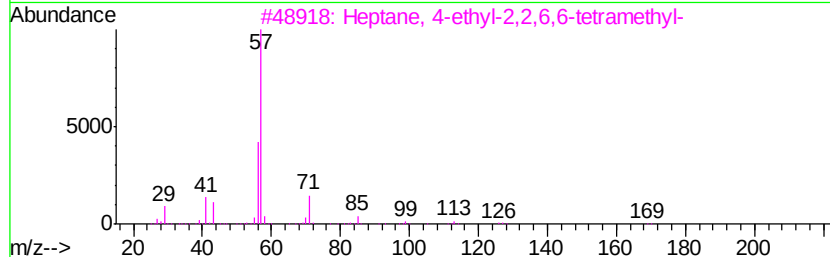
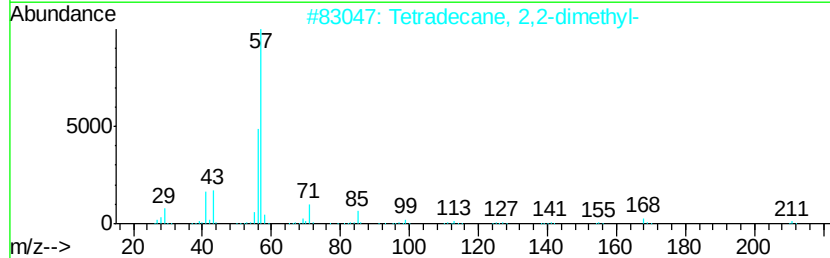
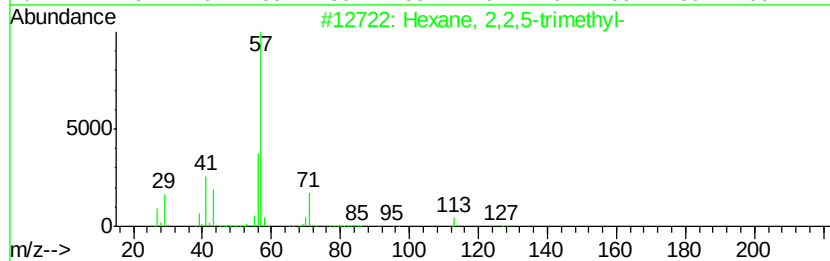
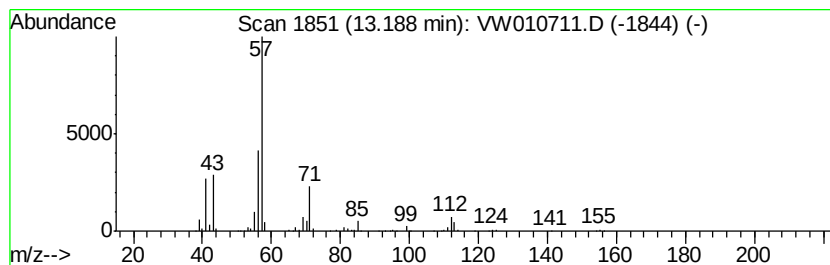
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Quant Title : SW846 8260

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

Peak Number 5 Hexane, 2,2,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	20.24 ug/l	374480	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
3		Heptane, 4-ethyl-2,2,6,6-tetramethyl-	184	C13H28	062108-31-0	72
4		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	72
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
Data File : VW010711.D
Acq On : 06 Jun 2019 15:49
Operator : SY/VA
Sample : K3097-15
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

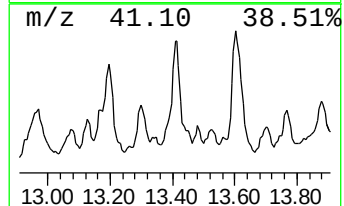
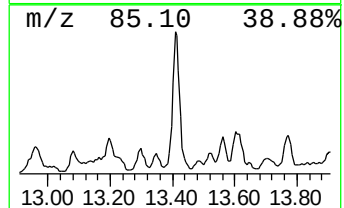
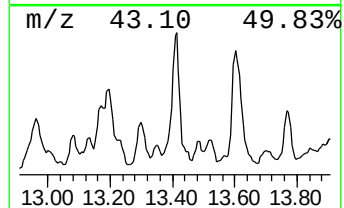
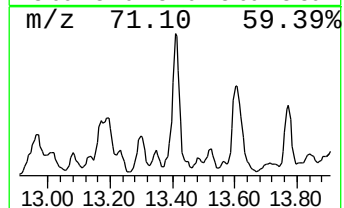
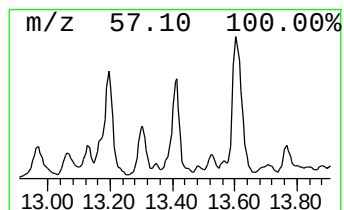
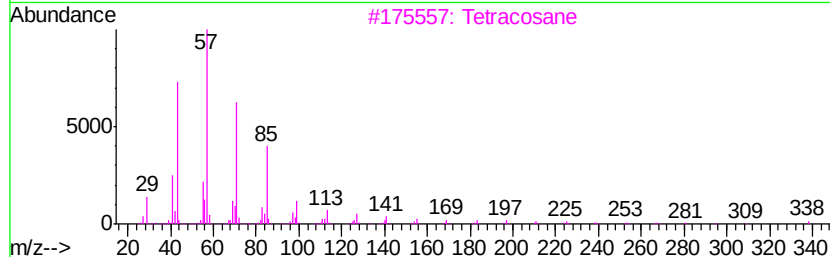
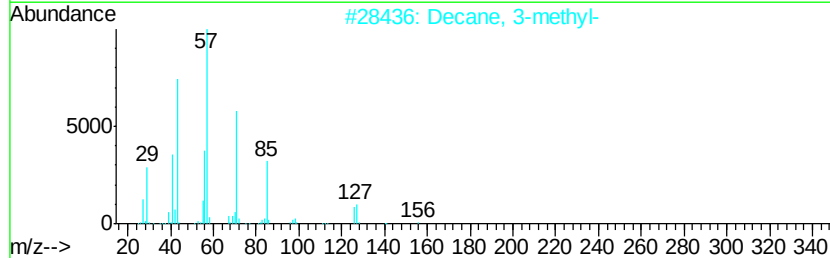
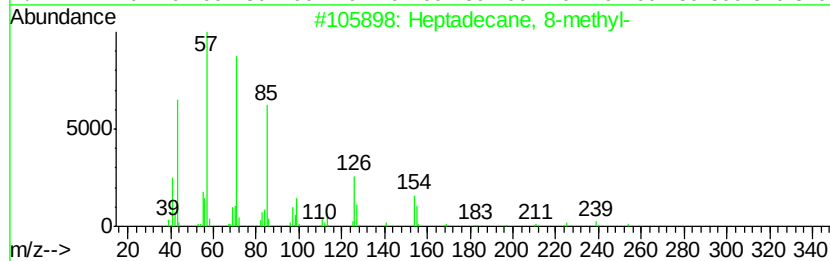
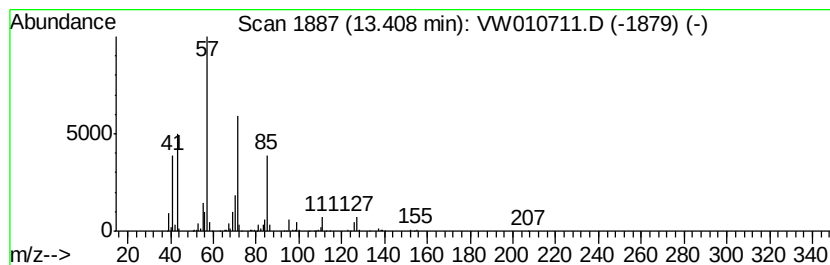
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ClientSampleId :
0435-HR-15(HACKENSACK)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 6 Heptadecane, 8-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.41	27.34 ug/l	505833	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
2	Decane, 3-methyl-	156	C11H24	013151-34-3	59
3	Tetracosane	338	C24H50	000646-31-1	59
4	Octadecane	254	C18H38	000593-45-3	59
5	Decane, 5-propyl-	184	C13H28	017312-62-8	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
Data File : VW010711.D
Acq On : 06 Jun 2019 15:49
Operator : SY/VA
Sample : K3097-15
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0435-HR-15(HACKENSACK)

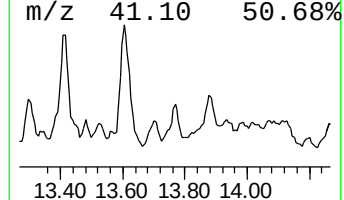
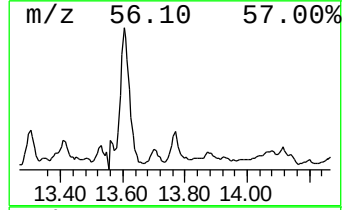
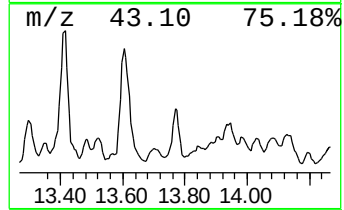
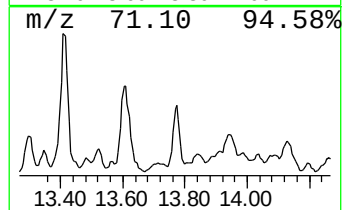
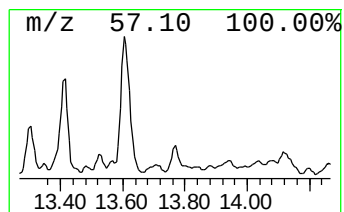
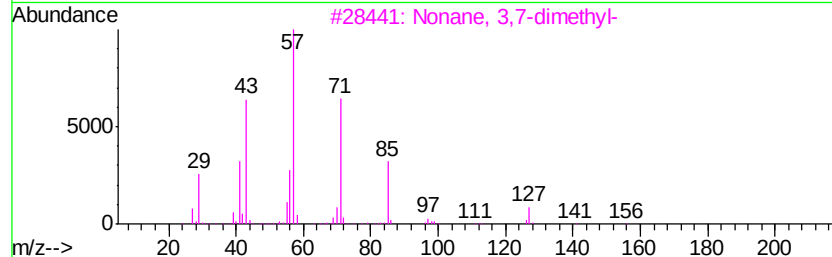
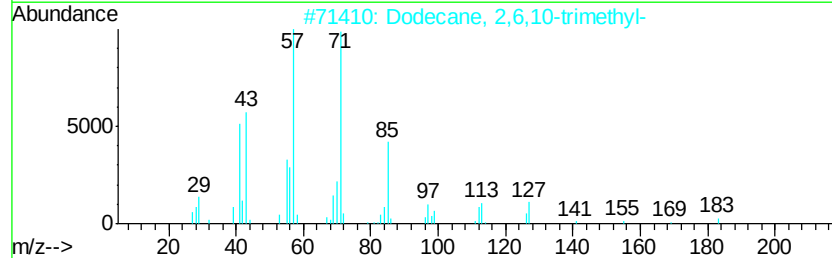
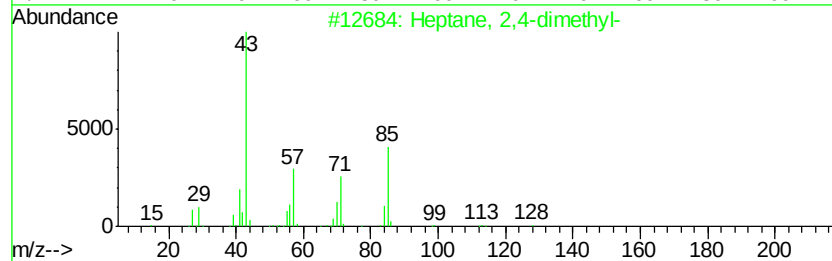
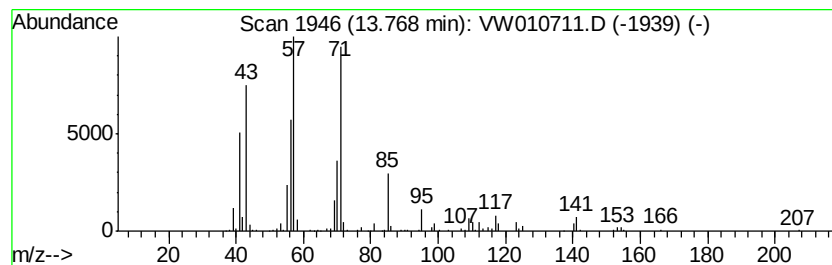
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Quant Title : SW846 8260

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

Peak Number 7 Heptane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	7.77 ug/l	143713	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	53
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
Data File : VW010711.D
Acq On : 06 Jun 2019 15:49
Operator : SY/VA
Sample : K3097-15
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0435-HR-15(HACKENSACK)

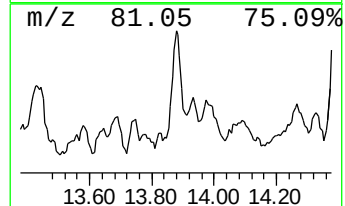
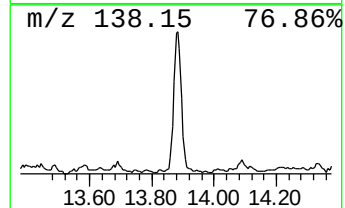
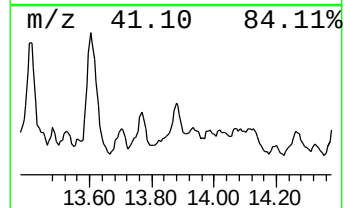
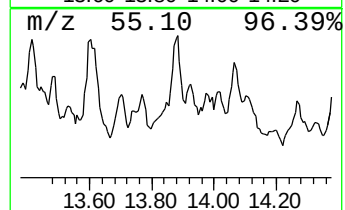
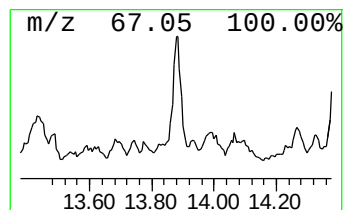
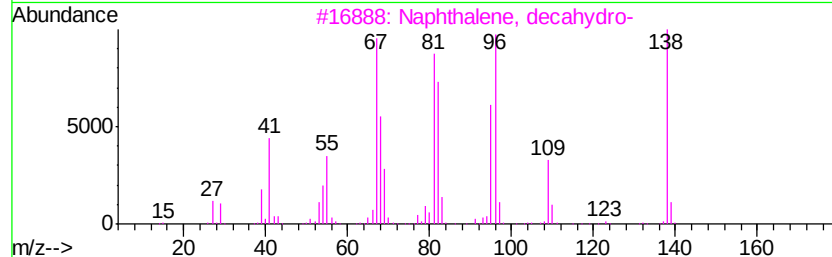
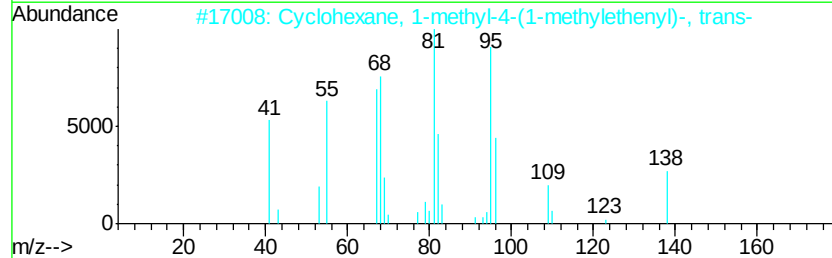
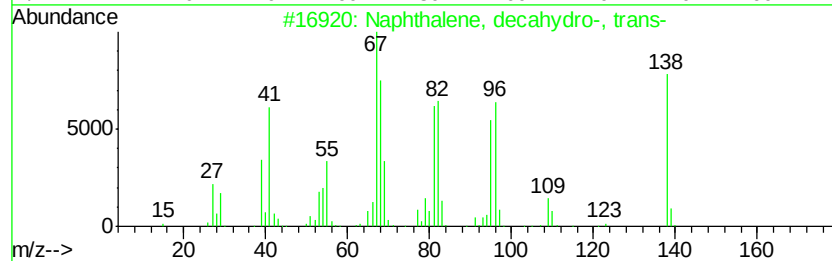
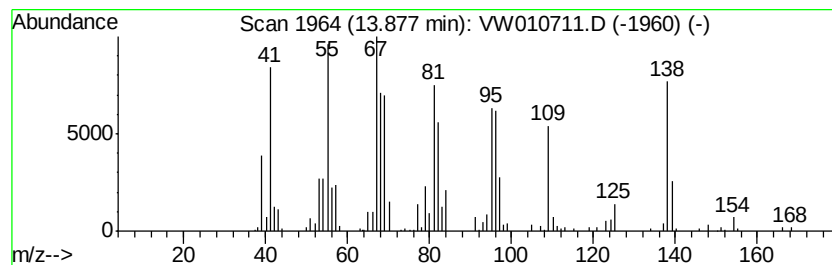
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.03 ug/l	130131	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	92
2		Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	91
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	87
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
5		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
Data File : VW010711.D
Acq On : 06 Jun 2019 15:49
Operator : SY/VA
Sample : K3097-15
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

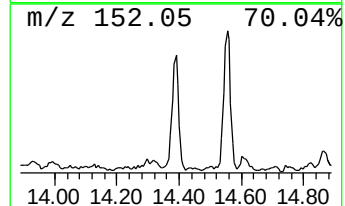
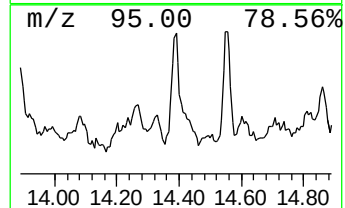
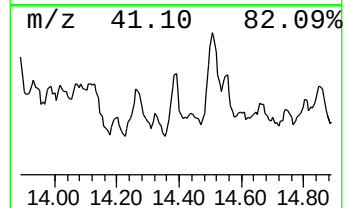
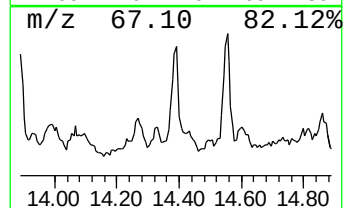
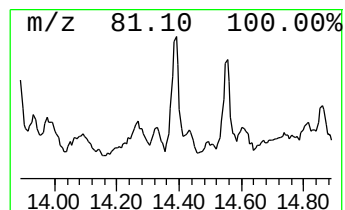
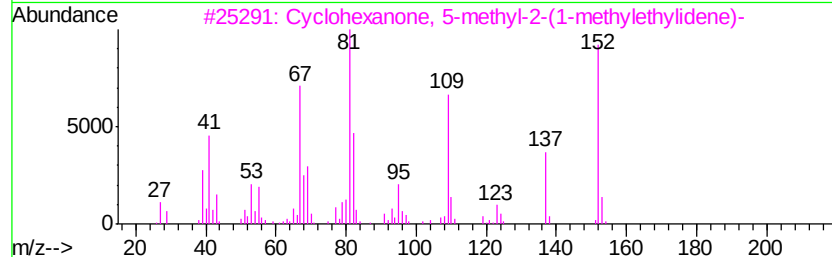
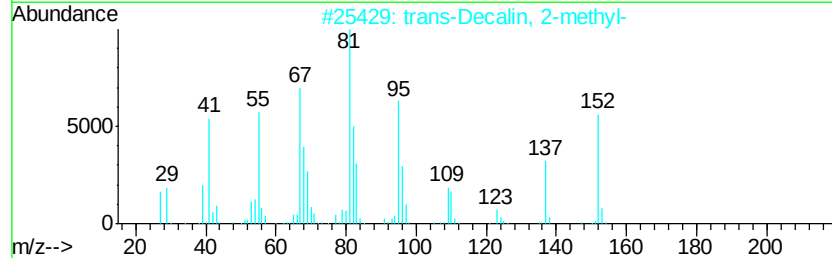
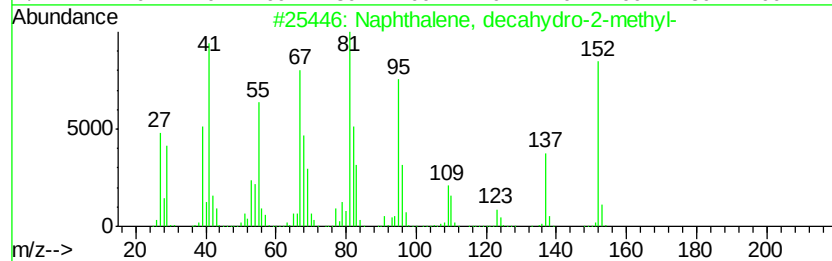
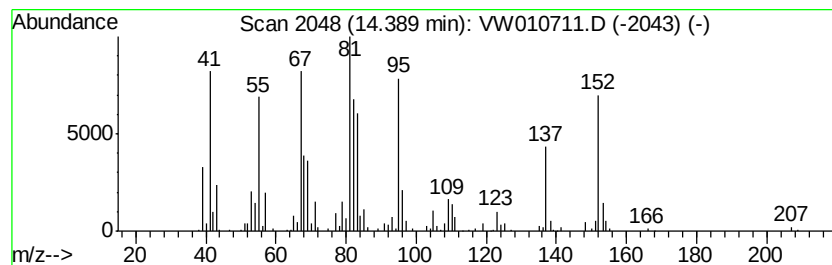
Instrument :
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ClientSampleId :
0435-HR-15(HACKENSACK)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	6.48 ug/l	119803	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 90
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 86
3		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 62
4		Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1 58
5		Cyclohexane, cyclopropyl-	124 C9H16	032669-86-6 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
Data File : VW010711.D
Acq On : 06 Jun 2019 15:49
Operator : SY/VA
Sample : K3097-15
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0435-HR-15(HACKENSACK)

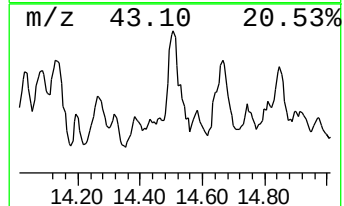
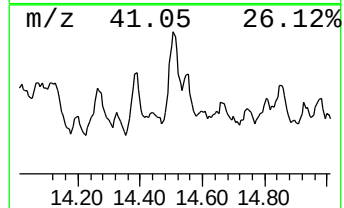
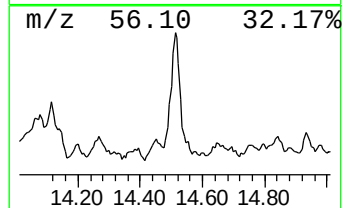
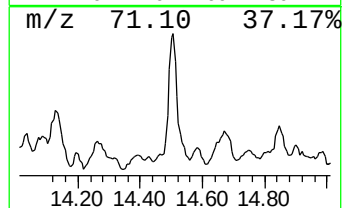
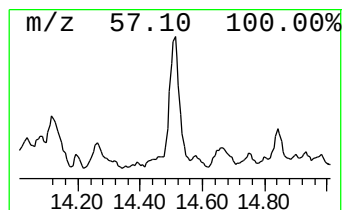
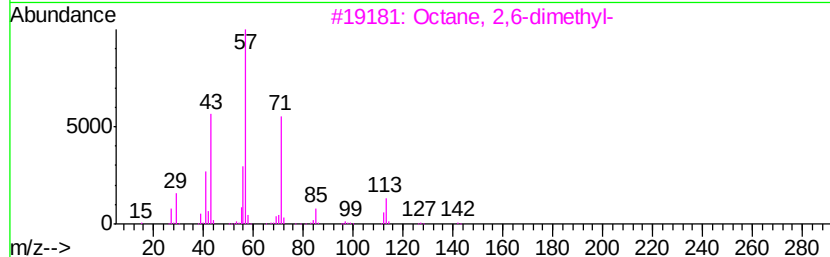
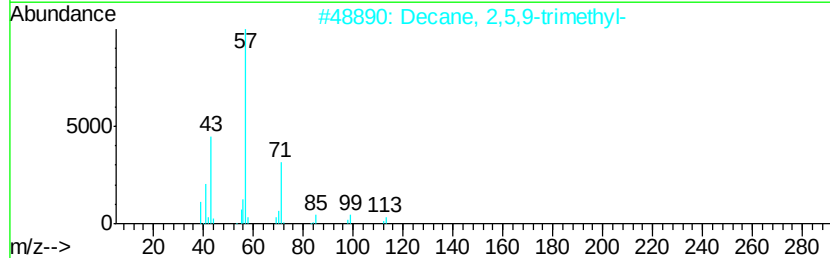
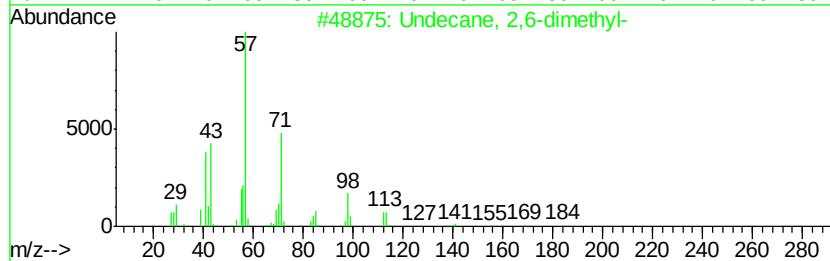
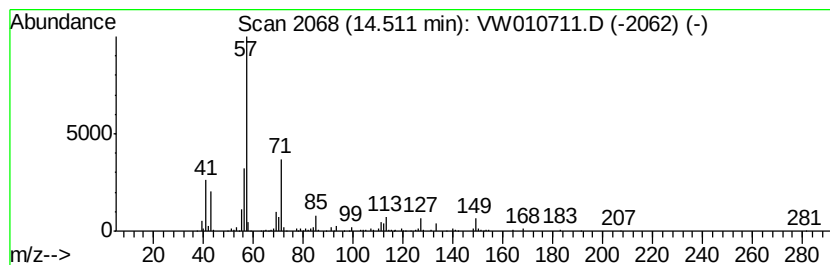
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	11.88 ug/l	219721	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	72
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060619\
Data File : VW010711.D
Acq On : 06 Jun 2019 15:49
Operator : SY/VA
Sample : K3097-15
Misc : 5.08G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0435-HR-15(HACKENSACK)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.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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Cyclopropane, 1,2...	12.78	14.1	ug/l	261297	4	13.56	924979	50.0
unknown12.87	12.87	7.0	ug/l	129476	4	13.56	924979	50.0
Tetratriacontyl t...	12.97	16.5	ug/l	305380	4	13.56	924979	50.0
Hexane, 2,2,5-tri...	13.19	20.2	ug/l	374480	4	13.56	924979	50.0
Heptadecane, 8-me...	13.41	27.3	ug/l	505833	4	13.56	924979	50.0
Heptane, 2,4-dime...	13.77	7.8	ug/l	143713	4	13.56	924979	50.0
Naphthalene, deca...	13.88	7.0	ug/l	130131	4	13.56	924979	50.0
Naphthalene, deca...	14.39	6.5	ug/l	119803	4	13.56	924979	50.0
Undecane, 2,6-dim...	14.51	11.9	ug/l	219721	4	13.56	924979	50.0