

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW014007.D
 Acq On : 13 Nov 2019 15:25
 Operator : SY/VA
 Sample : K5742-09
 Misc : 5.58G/5.0ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-37-(8-10)

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\82W102319S.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	2.148	35	40	59	rBV	30604	83577	6.16%	0.855%
2	4.129	355	365	375	rBV	9217	27437	2.02%	0.281%
3	7.135	848	858	872	rBV3	7324	26347	1.94%	0.270%
4	7.878	969	980	985	rBV	174128	409408	30.16%	4.190%
5	7.945	985	991	1001	rVB	346929	759410	55.94%	7.772%
6	8.299	1039	1049	1062	rBV	162340	354074	26.08%	3.624%
7	8.836	1129	1137	1150	rBV	484996	983867	72.47%	10.070%
8	10.323	1371	1381	1390	rBV	750358	1357611	100.00%	13.895%
9	11.628	1588	1595	1607	rVB	651225	1095951	80.73%	11.217%
10	12.250	1691	1697	1701	rBV8	6435	14949	1.10%	0.153%
11	12.615	1750	1757	1764	rBV	529834	867947	63.93%	8.883%
12	12.865	1788	1798	1801	rBV6	40929	117623	8.66%	1.204%
13	13.164	1844	1847	1852	rVB4	20594	27846	2.05%	0.285%
14	13.304	1859	1870	1873	rBV9	63568	201063	14.81%	2.058%
15	13.445	1885	1893	1905	rVV3	70195	246800	18.18%	2.526%
16	13.554	1905	1911	1920	rVB	604934	975327	71.84%	9.982%
17	13.694	1931	1934	1939	rBV6	7854	14447	1.06%	0.148%
18	13.877	1959	1964	1967	rBV3	50772	89205	6.57%	0.913%
19	13.920	1967	1971	1974	rVV2	27163	46064	3.39%	0.471%
20	14.072	1992	1996	2003	rVB6	46308	114175	8.41%	1.169%
21	14.194	2013	2016	2020	rBV5	16822	29379	2.16%	0.301%
22	14.261	2022	2027	2033	rBV6	31313	62417	4.60%	0.639%
23	14.316	2033	2036	2037	rBV3	19311	19753	1.45%	0.202%
24	14.383	2043	2047	2052	rVV3	93099	149246	10.99%	1.528%
25	14.457	2055	2059	2063	rVB2	37816	49271	3.63%	0.504%
26	14.542	2070	2073	2080	rVB6	62283	111558	8.22%	1.142%
27	14.658	2088	2092	2096	rBV5	14734	25813	1.90%	0.264%
28	14.725	2100	2103	2107	rVV3	25759	48491	3.57%	0.496%
29	14.792	2110	2114	2118	rVV4	82764	156093	11.50%	1.598%
30	14.841	2118	2122	2130	rVB3	94118	202008	14.88%	2.068%
31	15.060	2153	2158	2169	rBV6	53909	163371	12.03%	1.672%
32	15.267	2187	2192	2197	rVB2	73894	135606	9.99%	1.388%
33	15.328	2197	2202	2208	rBV2	61849	116060	8.55%	1.188%
34	15.621	2245	2250	2264	rVB5	73698	262736	19.35%	2.689%

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ClientSampleId :
SB-37-(8-10)

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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Title : SW846 8260

35	15.865	2287	2290	2294	rBV6	14048	19202	1.41%	0.197%
36	16.115	2326	2331	2332	rBV3	34646	47398	3.49%	0.485%
37	16.371	2369	2373	2377	rBV5	20865	41335	3.04%	0.423%
38	16.444	2378	2385	2397	rVB7	56589	208879	15.39%	2.138%
39	16.639	2413	2417	2431	rVB5	37136	108808	8.01%	1.114%

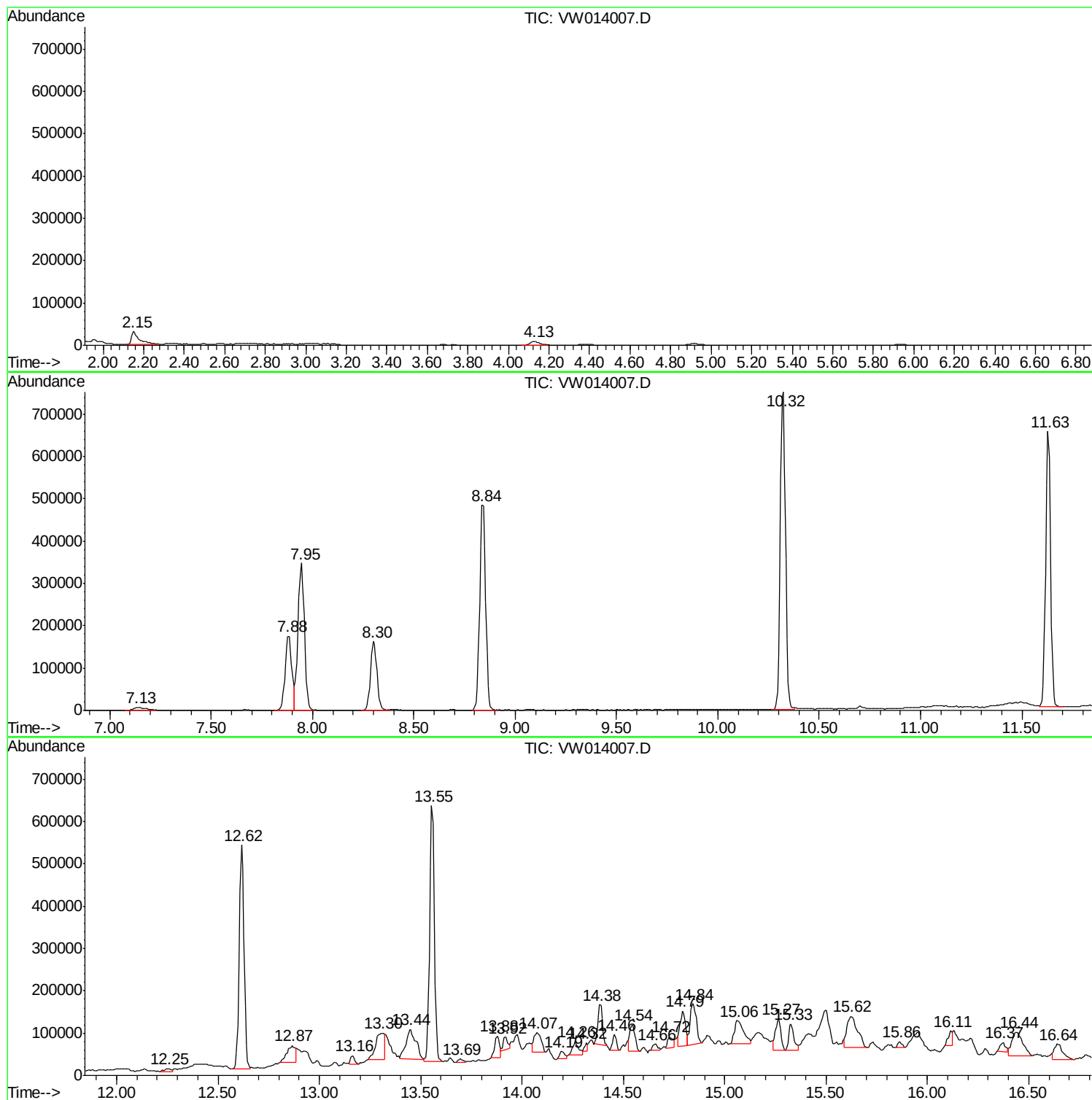
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Quant Title : SW846 8260

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



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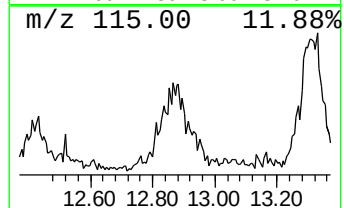
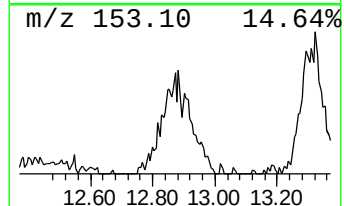
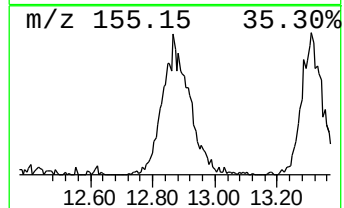
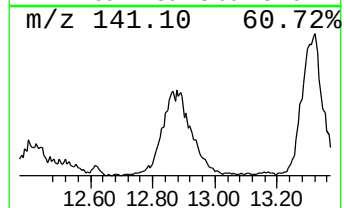
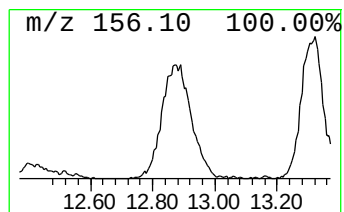
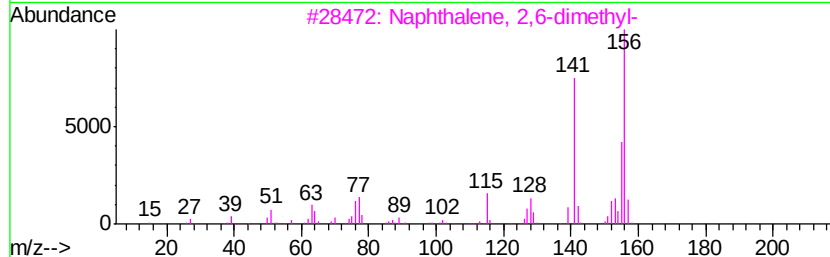
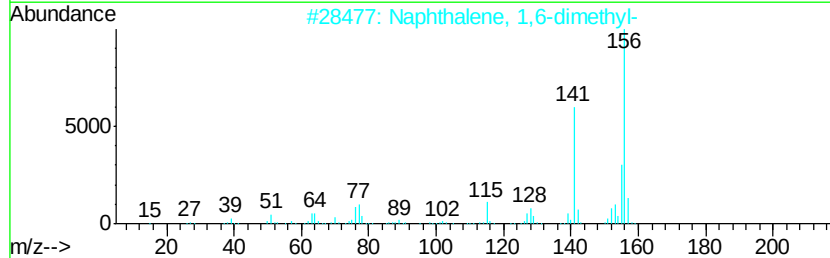
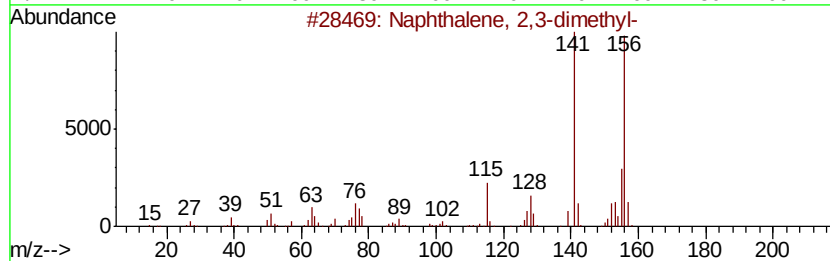
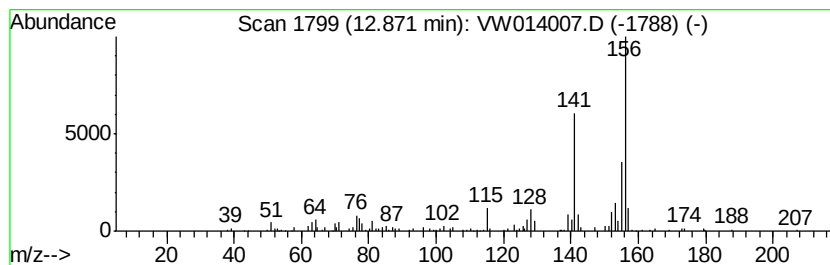
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	6.03 ug/l	117623	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



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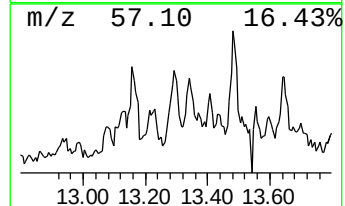
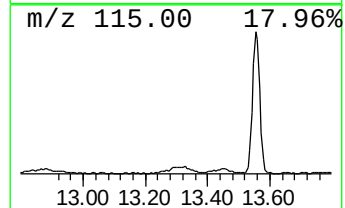
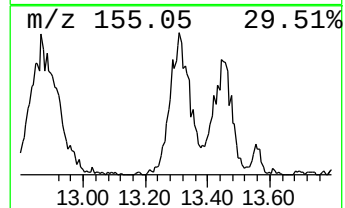
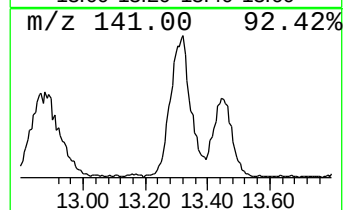
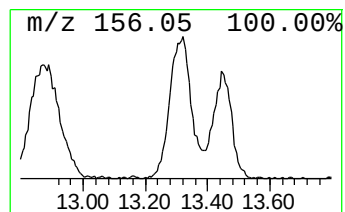
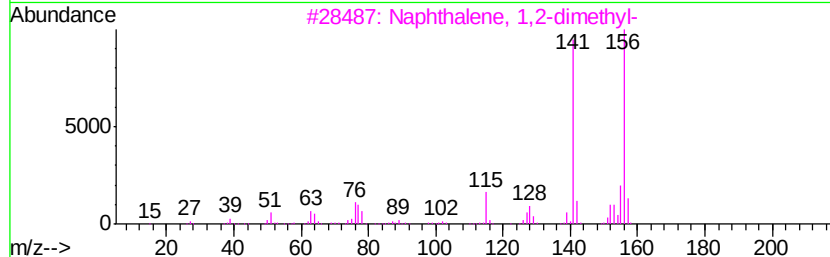
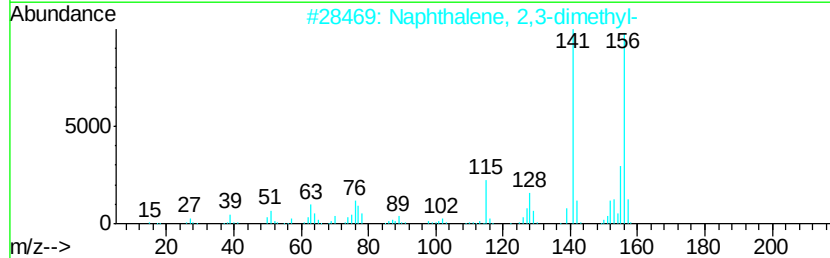
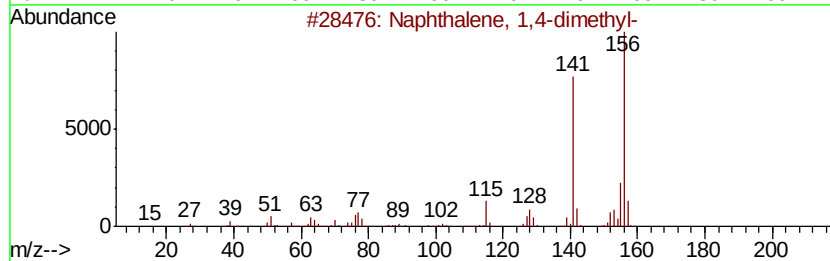
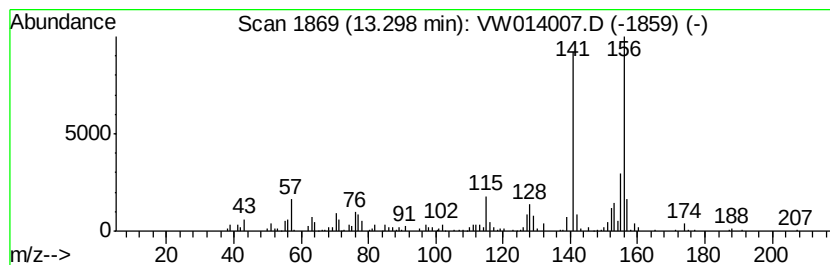
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Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	10.31 ug/l	201063	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
4		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



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ALS Vial : 14 Sample Multiplier: 1

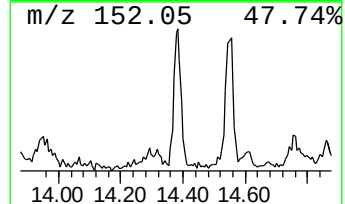
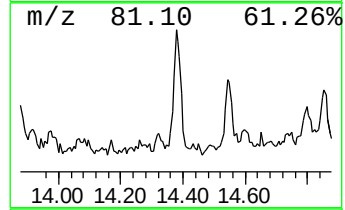
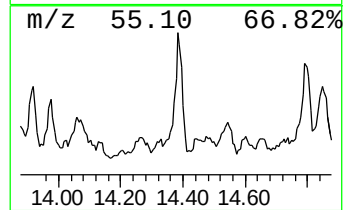
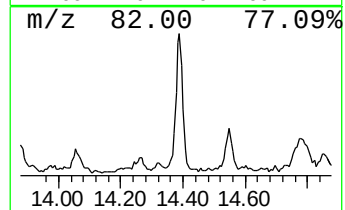
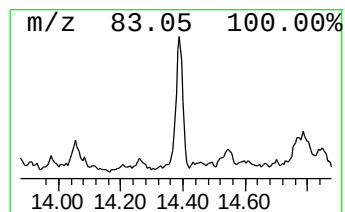
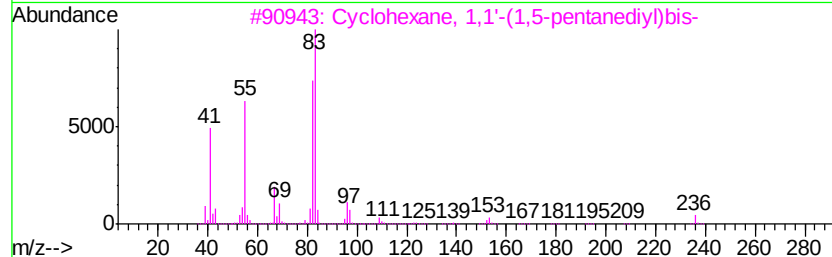
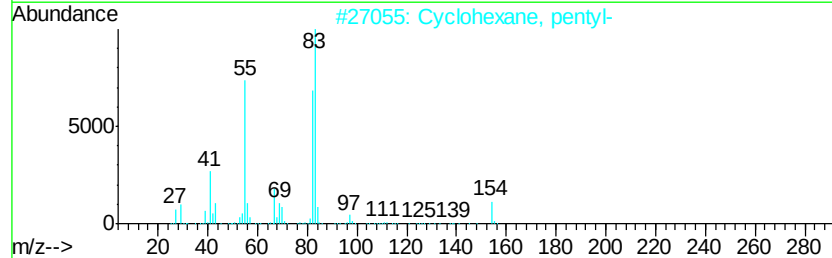
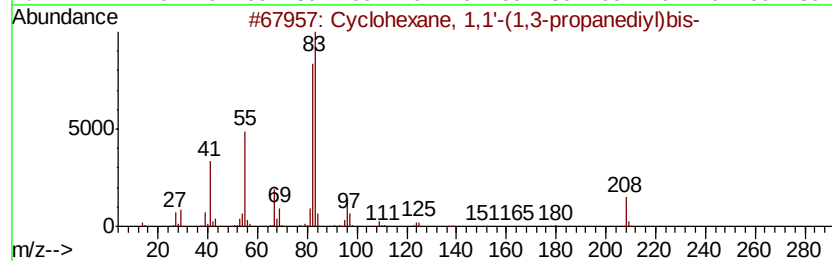
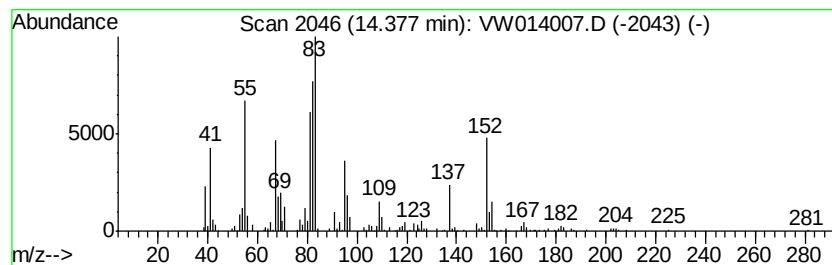
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,1'-(1,3-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.65 ug/l	149246	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cyclohexane, 1,1'-(1,3-propanedi...	208 C15H28	003178-24-3	76
2	Cyclohexane, pentyl-	154 C11H22	004292-92-6	62
3	Cyclohexane, 1,1'-(1,5-pentanediv...	236 C17H32	054833-31-7	59
4	Cyclohexane, 1,1'-(1,4-butanedi...	222 C16H30	006165-44-2	59
5	Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7	53



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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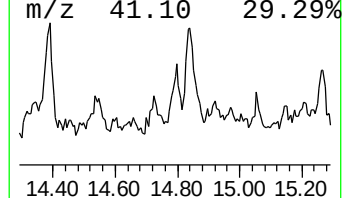
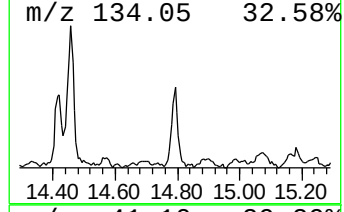
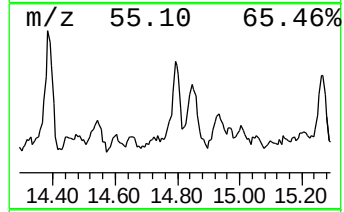
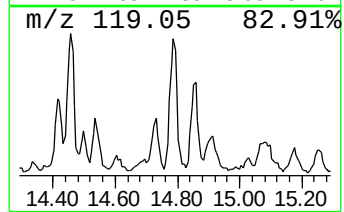
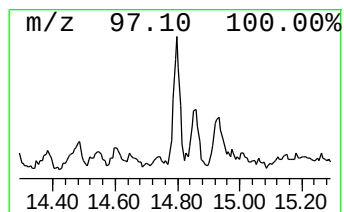
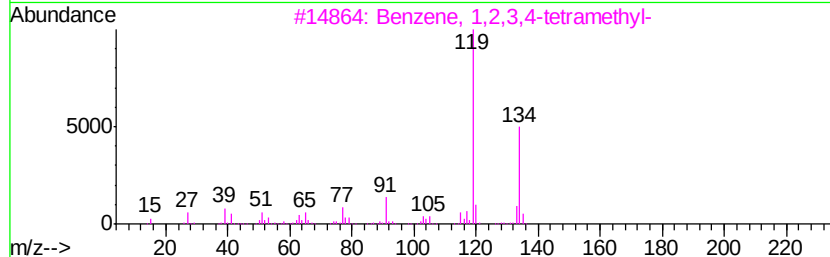
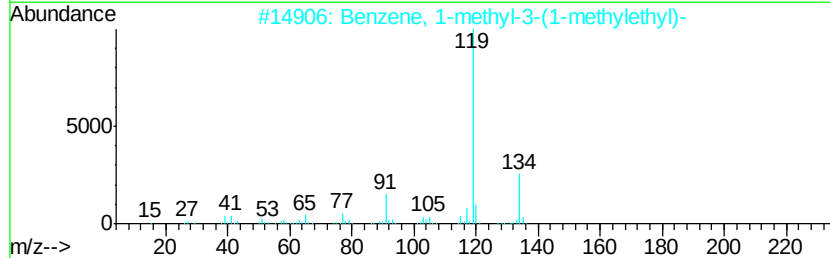
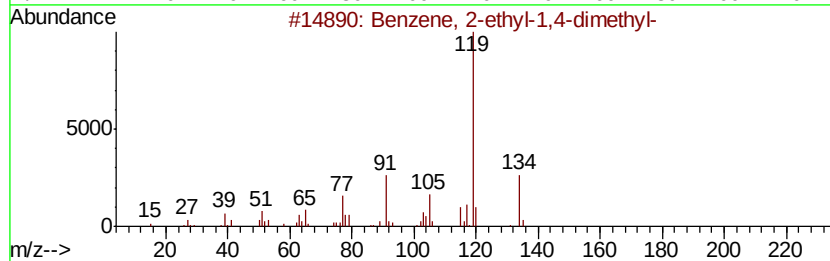
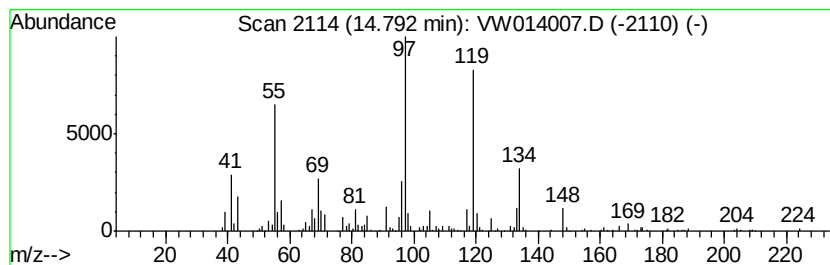
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.79 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	8.00 ug/l	156093	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	41
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	41
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	41
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	41
5		p-Cymene	134	C10H14	000099-87-6	41



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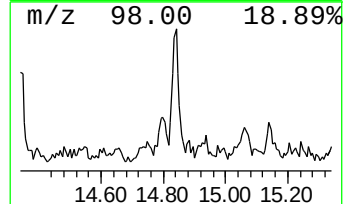
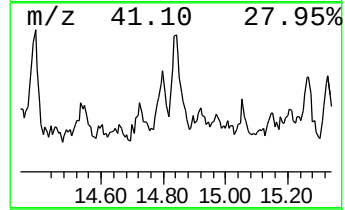
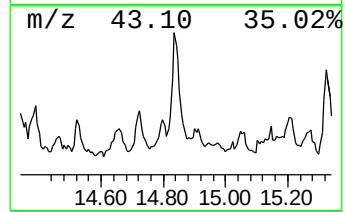
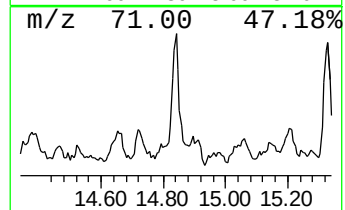
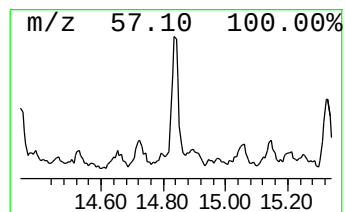
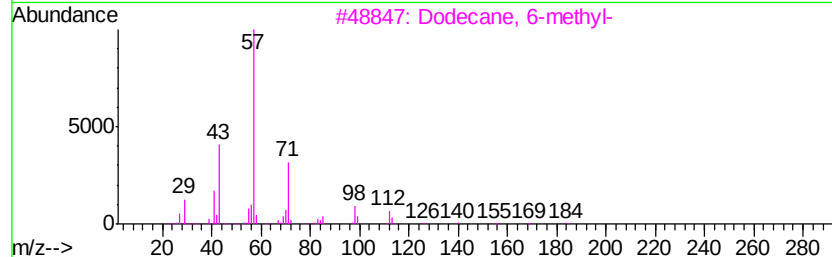
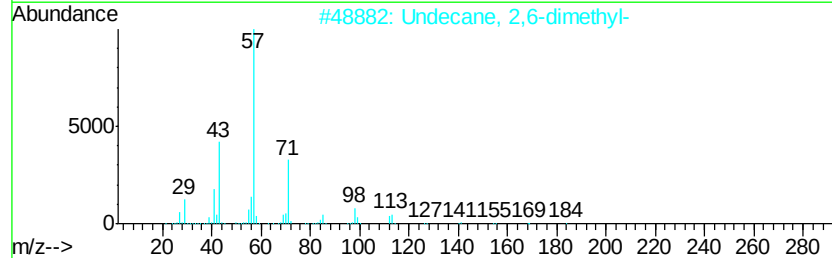
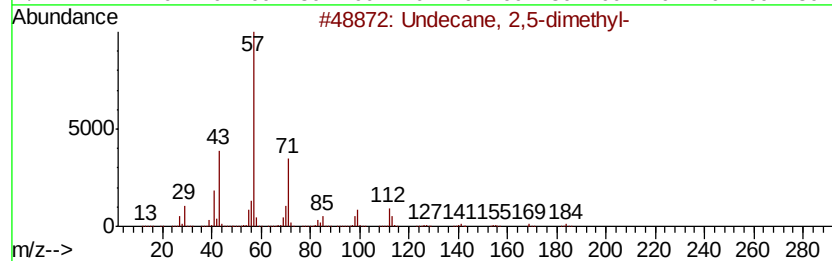
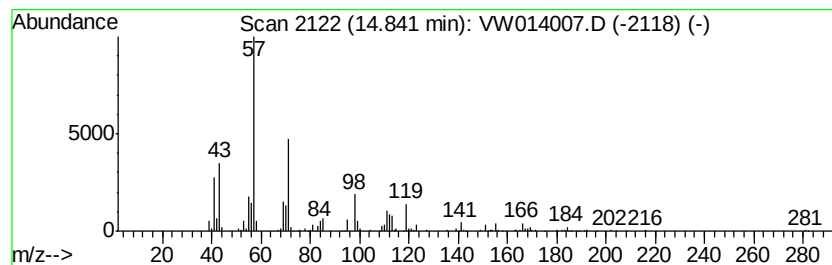
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	10.36 ug/l	202008	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	60
2	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	58
3	Dodecane, 6-methyl-	184 C13H28	006044-71-9	50
4	Tridecane	184 C13H28	000629-50-5	47
5	Nonane, 3-methyl-	142 C10H22	005911-04-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111319\
Data File : VW014007.D
Acq On : 13 Nov 2019 15:25
Operator : SY/VA
Sample : K5742-09
Misc : 5.58G/5.0ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

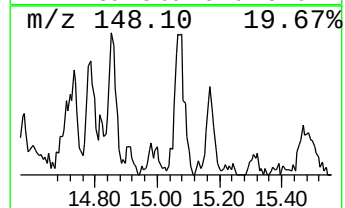
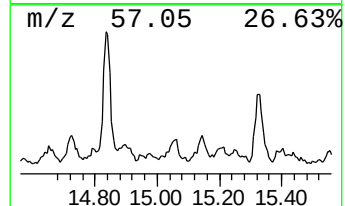
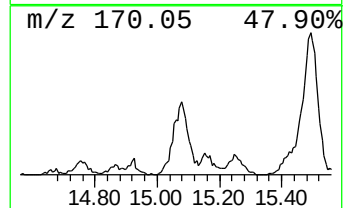
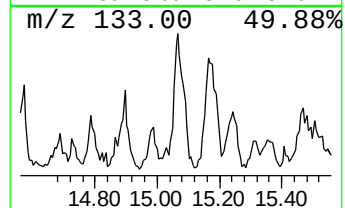
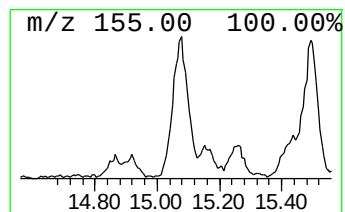
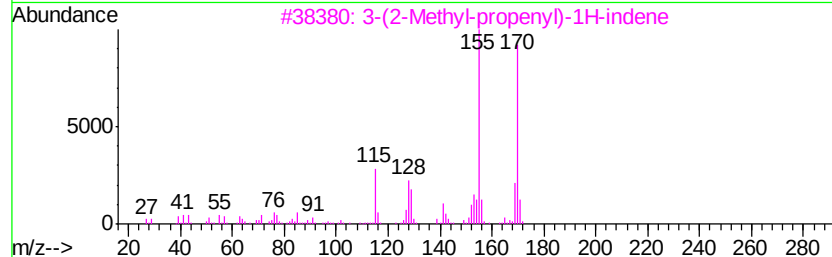
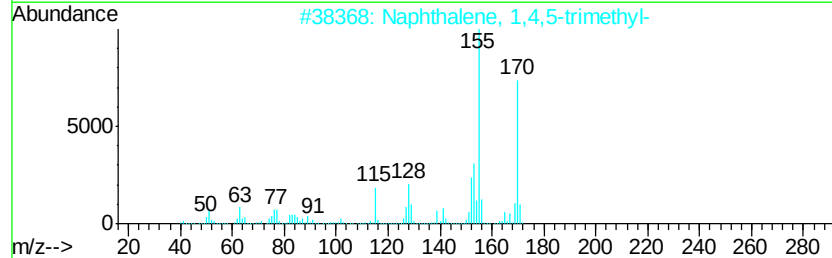
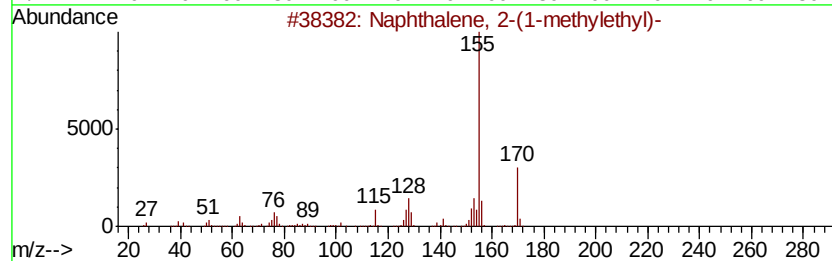
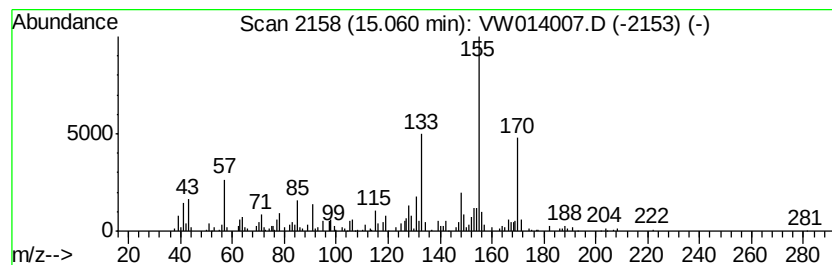
Instrument :
MSVOA_W
ClientSampleId :
SB-37-(8-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	8.38 ug/l	163371	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 92
2		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 62
3		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 50
4		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 49
5		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111319\
Data File : VW014007.D
Acq On : 13 Nov 2019 15:25
Operator : SY/VA
Sample : K5742-09
Misc : 5.58G/5.0ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-37-(8-10)

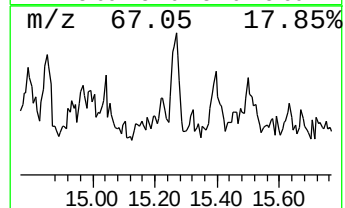
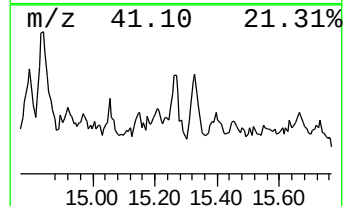
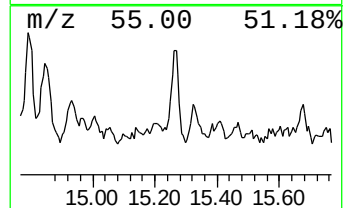
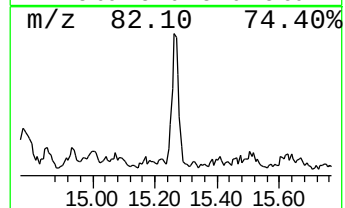
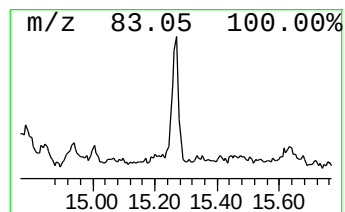
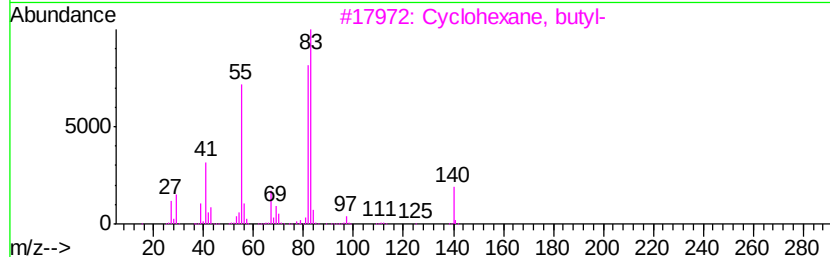
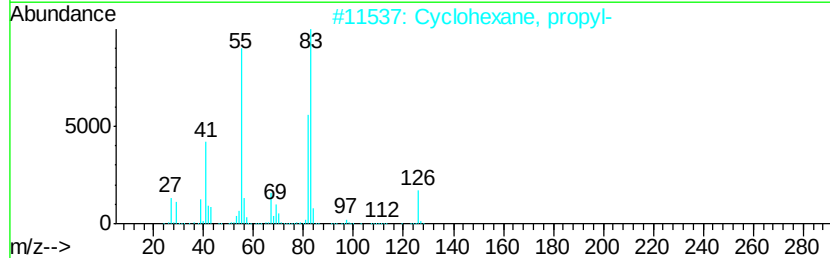
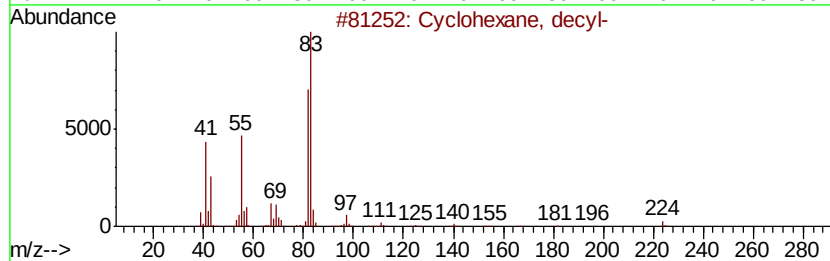
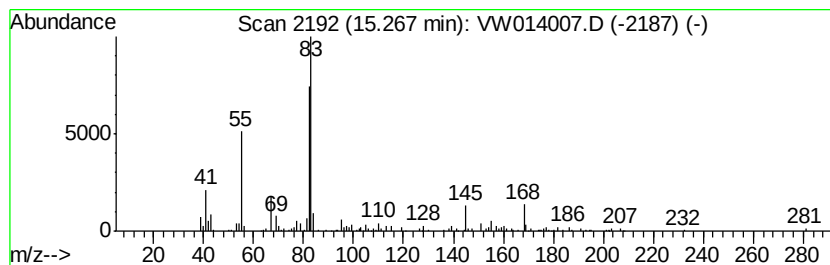
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, decyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	6.95 ug/l	135606	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, decyl-	224	C16H32	001795-16-0	64
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111319\
Data File : VW014007.D
Acq On : 13 Nov 2019 15:25
Operator : SY/VA
Sample : K5742-09
Misc : 5.58G/5.0ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

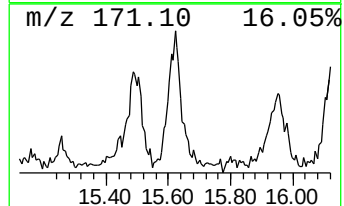
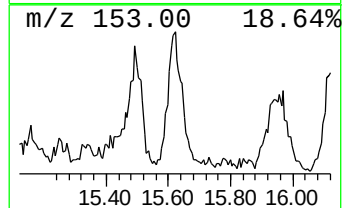
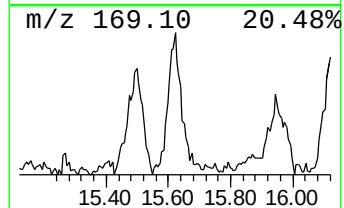
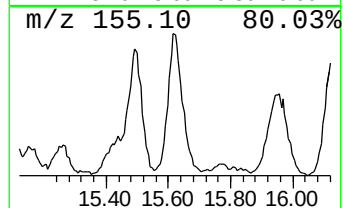
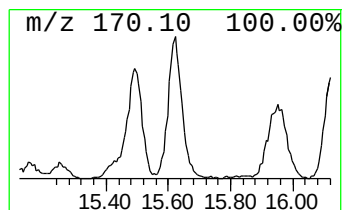
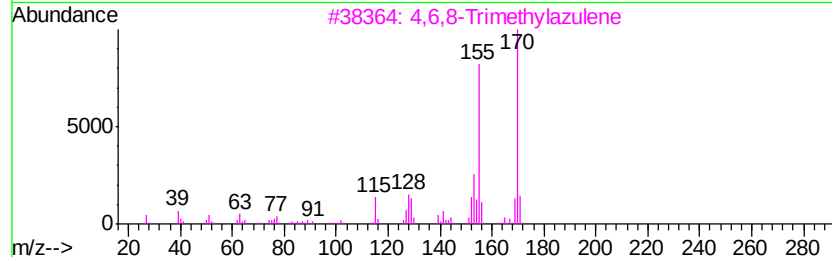
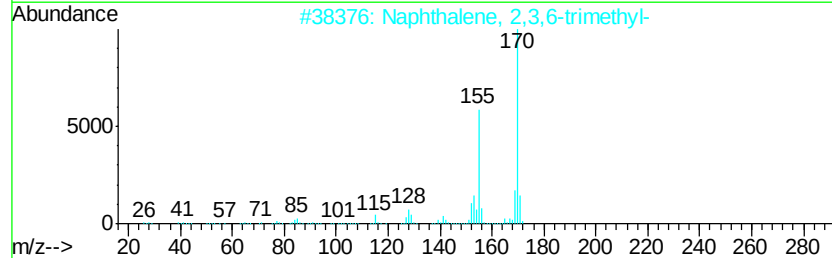
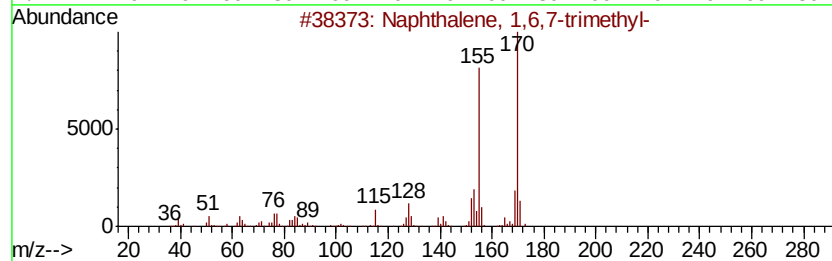
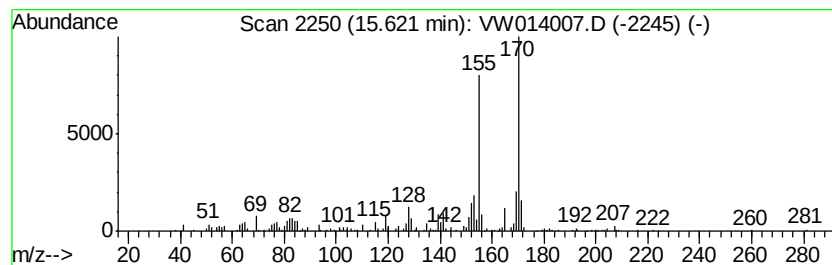
Instrument :
MSVOA_W
ClientSampleId :
SB-37-(8-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	13.47 ug/l	262736	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 97
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 94
3		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 90
4		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 87
5		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111319\
Data File : VW014007.D
Acq On : 13 Nov 2019 15:25
Operator : SY/VA
Sample : K5742-09
Misc : 5.58G/5.0ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

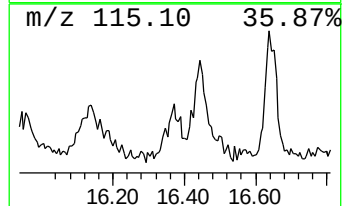
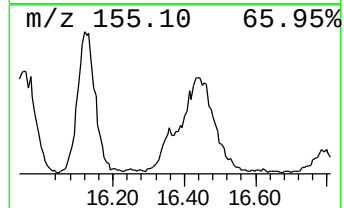
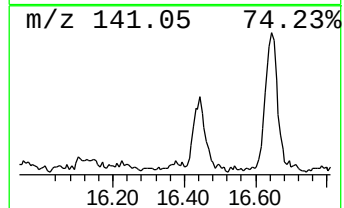
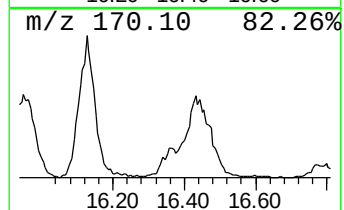
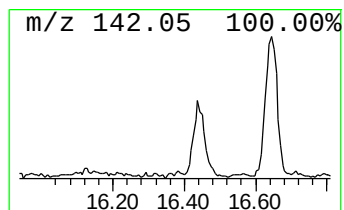
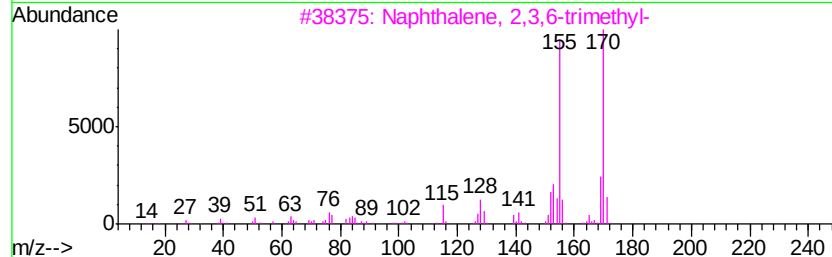
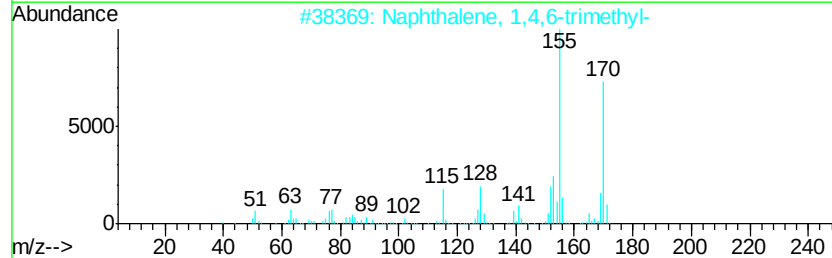
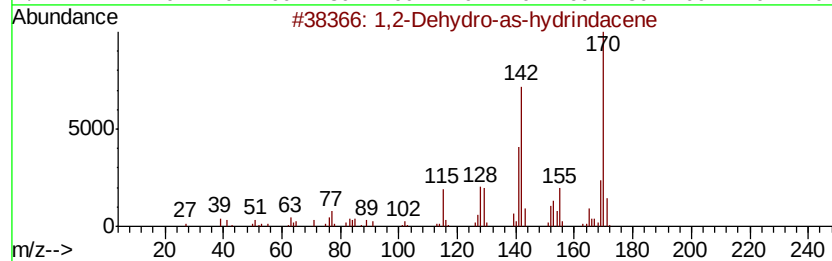
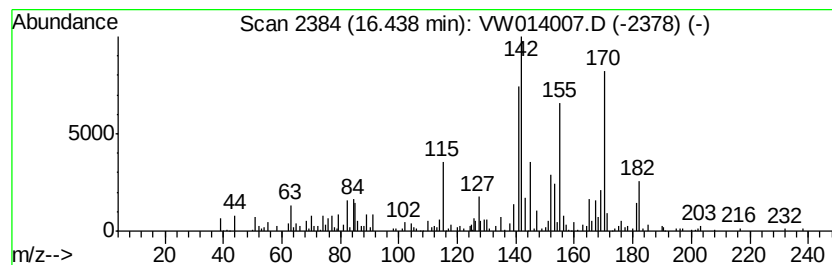
Instrument :
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ClientSampled :
SB-37-(8-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

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

Peak Number 10 1,2-Dehydro-as-hydrindacene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	10.71 ug/l	208879	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2-Dehydro-as-hydrindacene	170 C13H14	096508-75-7	52
2	Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2	46
3	Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5	46
4	1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2	42
5	Naphthalene, 1-methyl-	142 C11H10	000090-12-0	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111319\
Data File : VW014007.D
Acq On : 13 Nov 2019 15:25
Operator : SY/VA
Sample : K5742-09
Misc : 5.58G/5.0ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-37-(8-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.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
Naphthalene, 2,3-...	12.87	6.0	ug/l	117623	4	13.55	975327	50.0
Naphthalene, 1,4-...	13.30	10.3	ug/l	201063	4	13.55	975327	50.0
Cyclohexane, 1,1'...	14.38	7.7	ug/l	149246	4	13.55	975327	50.0
unknown14.79	14.79	8.0	ug/l	156093	4	13.55	975327	50.0
Undecane, 2,5-dim...	14.84	10.4	ug/l	202008	4	13.55	975327	50.0
Naphthalene, 2-(1...	15.06	8.4	ug/l	163371	4	13.55	975327	50.0
Cyclohexane, decyl-	15.27	7.0	ug/l	135606	4	13.55	975327	50.0
Naphthalene, 1,6,...	15.62	13.5	ug/l	262736	4	13.55	975327	50.0
1,2-Dehydro-as-hy...	16.44	10.7	ug/l	208879	4	13.55	975327	50.0