

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050105.D
 Acq On : 27 Jul 2018 1:35
 Operator : MD\SY
 Sample : J4163-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

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_N\METHODS\82N072418W.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	1.661	3	22	43	rBV	2236489	3455475	89.23%	10.856%
2	4.082	755	775	794	rBV3	16264	52954	1.37%	0.166%
3	7.596	1847	1868	1879	rBV	539717	1366162	35.28%	4.292%
4	7.670	1879	1891	1926	rVB	788871	1908812	49.29%	5.997%
5	8.030	1984	2003	2028	rBV	555010	1294681	33.43%	4.067%
6	8.265	2038	2076	2095	rBV4	139189	1024524	26.45%	3.219%
7	8.590	2160	2177	2210	rVB	1166896	2473713	63.87%	7.771%
8	10.094	2629	2645	2677	rBV	2079956	3872757	100.00%	12.167%
9	10.953	2896	2912	2920	rBV4	22661	44867	1.16%	0.141%
10	11.008	2920	2929	2939	rVB4	27104	47032	1.21%	0.148%
11	11.410	3040	3054	3074	rBV	1491348	2656697	68.60%	8.346%
12	11.657	3121	3131	3141	rBV8	23174	45998	1.19%	0.145%
13	11.924	3199	3214	3224	rBV7	30506	73938	1.91%	0.232%
14	12.120	3268	3275	3282	rBV2	34325	50904	1.31%	0.160%
15	12.172	3283	3291	3309	rVB7	26335	61555	1.59%	0.193%
16	12.403	3350	3363	3377	rBV	1316867	2188754	56.52%	6.876%
17	12.564	3399	3413	3428	rVB9	53264	122652	3.17%	0.385%
18	12.728	3454	3464	3475	rVB10	28914	60134	1.55%	0.189%
19	12.963	3529	3537	3552	rVB6	43216	80523	2.08%	0.253%
20	13.236	3609	3622	3630	rBV3	42117	86898	2.24%	0.273%
21	13.345	3644	3656	3677	rBV	1292668	2219242	57.30%	6.972%
22	13.445	3681	3687	3696	rBV	32985	51447	1.33%	0.162%
23	13.516	3700	3709	3715	rBV	124413	194873	5.03%	0.612%
24	13.593	3726	3733	3745	rVB3	65291	106003	2.74%	0.333%
25	13.673	3745	3758	3768	rBV4	158218	298674	7.71%	0.938%
26	13.744	3774	3780	3790	rVB	34461	48869	1.26%	0.154%
27	13.805	3792	3799	3803	rVV2	45855	65220	1.68%	0.205%
28	13.834	3804	3808	3816	rVV2	65232	92567	2.39%	0.291%
29	13.892	3817	3826	3835	rVB	311090	473040	12.21%	1.486%
30	13.995	3847	3858	3868	rBV3	263337	461293	11.91%	1.449%
31	14.049	3869	3875	3877	rBV4	36091	40217	1.04%	0.126%
32	14.133	3891	3901	3908	rBV3	121778	197554	5.10%	0.621%
33	14.210	3909	3925	3931	rVV3	186067	368758	9.52%	1.158%
34	14.249	3932	3937	3945	rVB	241134	334424	8.64%	1.051%

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35	14.297	3945	3952	3959	rBV	114712	152471	3.94%	0.479%
36	14.368	3969	3974	3980	rVB	59866	72728	1.88%	0.228%
37	14.422	3982	3991	4001	rVB3	107939	223570	5.77%	0.702%
38	14.480	4001	4009	4017	rBV7	100324	196279	5.07%	0.617%
39	14.525	4017	4023	4032	rVB3	182228	273070	7.05%	0.858%
40	14.583	4032	4041	4056	rBV3	548649	1040884	26.88%	3.270%
41	14.651	4056	4062	4073	rVB3	99519	172303	4.45%	0.541%
42	14.744	4085	4091	4098	rVB	81709	103600	2.68%	0.325%
43	14.856	4117	4126	4131	rBV3	191177	319796	8.26%	1.005%
44	14.959	4149	4158	4171	rVB3	277621	583928	15.08%	1.834%
45	15.052	4179	4187	4193	rBV	60105	89376	2.31%	0.281%
46	15.094	4194	4200	4206	rBV2	63736	103970	2.68%	0.327%
47	15.191	4221	4230	4239	rBV	195880	331483	8.56%	1.041%
48	15.265	4241	4253	4269	rVB4	181148	509290	13.15%	1.600%
49	15.416	4291	4300	4313	rBV7	43837	101669	2.63%	0.319%
50	15.615	4356	4362	4378	rVB	213848	382460	9.88%	1.202%
51	15.702	4383	4389	4398	rVB3	54890	91805	2.37%	0.288%
52	15.917	4443	4456	4469	rBV2	300112	605142	15.63%	1.901%
53	16.104	4505	4514	4525	rVB3	107109	206694	5.34%	0.649%
54	16.168	4527	4534	4543	rBV3	50833	91816	2.37%	0.288%
55	16.358	4581	4593	4604	rBV6	106498	257758	6.66%	0.810%

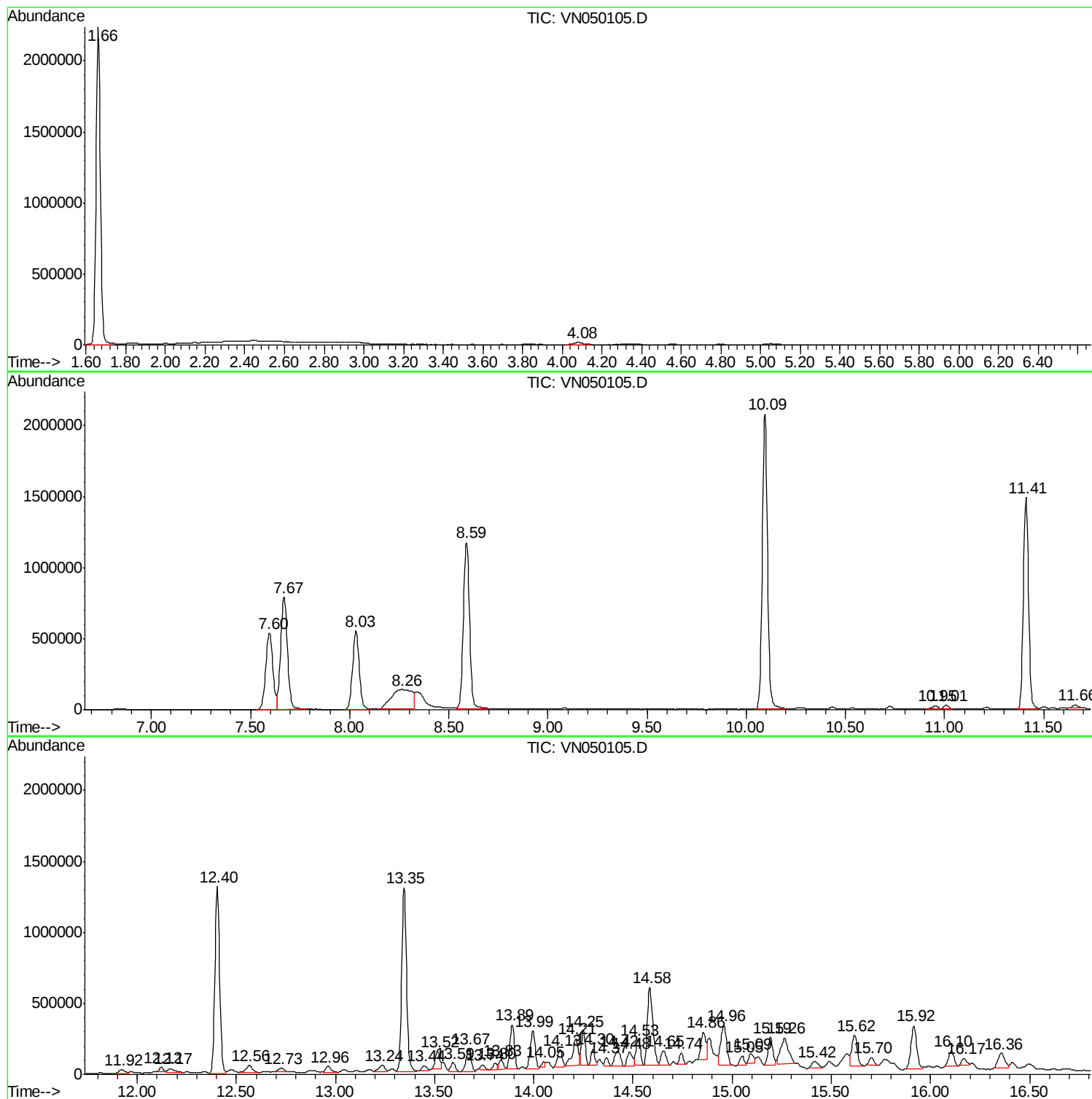
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Quant Title : SW846 8260

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



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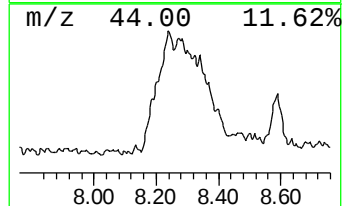
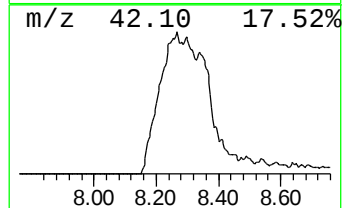
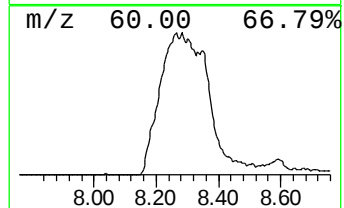
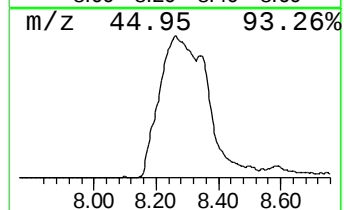
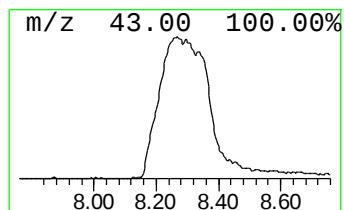
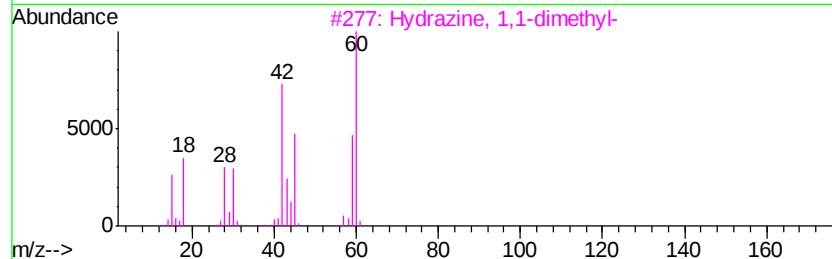
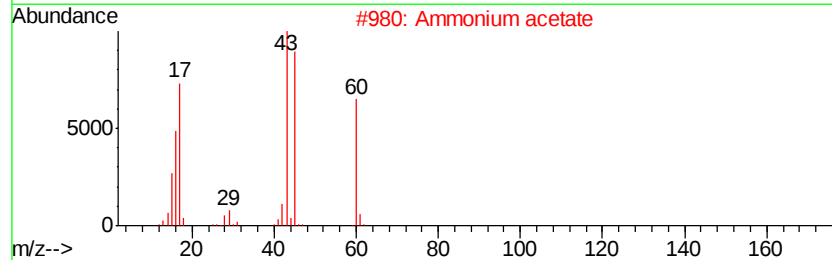
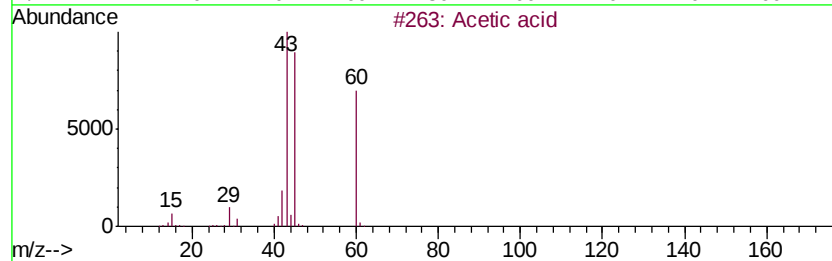
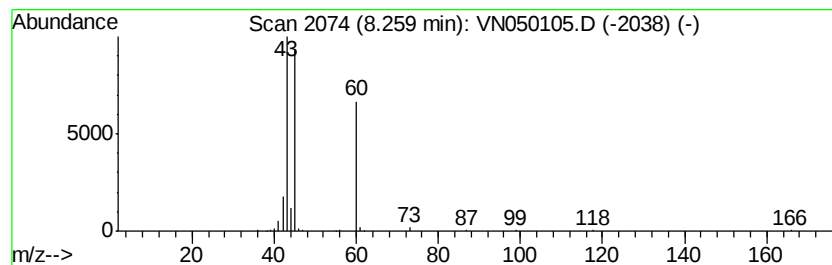
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 2 Acetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	20.71 ug/l	1024520	1,4-Difluorobenzene	8.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid	60	C2H4O2	000064-19-7	90
2		Ammonium acetate	77	C2H7NO2	000631-61-8	43
3		Hvdrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	25
4		Acetamide, N-(2-hydroxyethyl)-	103	C4H9NO2	000142-26-7	23
5		Formic acid hydrazide	60	CH4N2O	000624-84-0	9



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ALS Vial : 36 Sample Multiplier: 1

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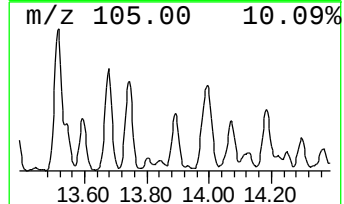
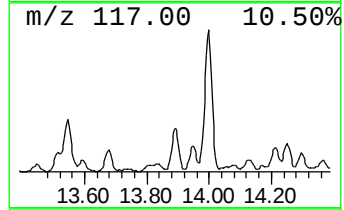
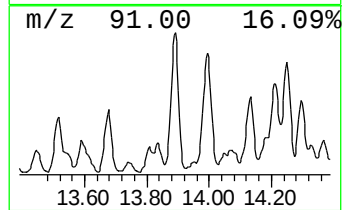
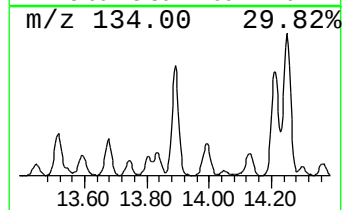
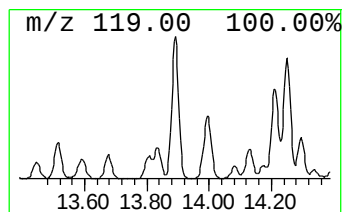
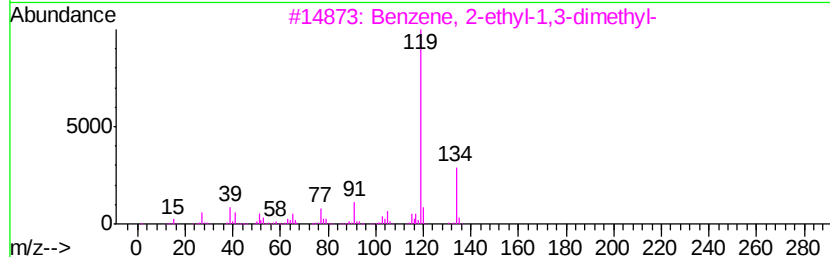
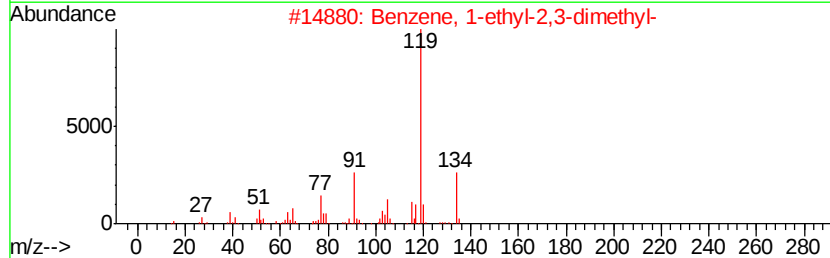
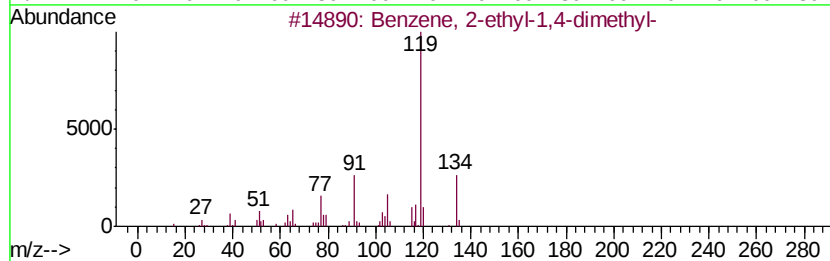
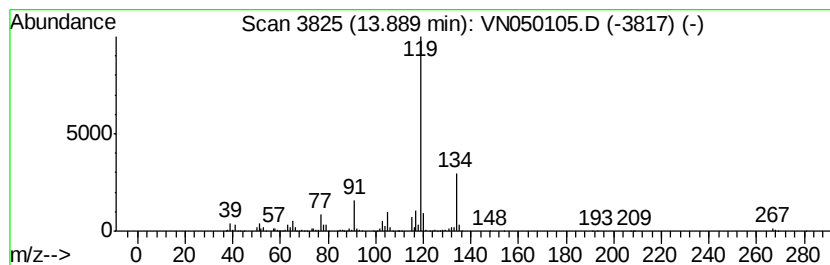
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	10.66 ug/l	473040	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		o-Cymene	134	C10H14	000527-84-4	94



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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

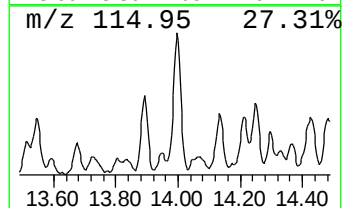
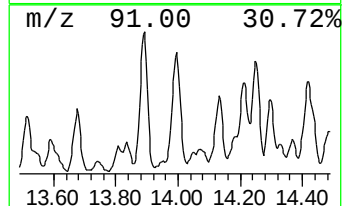
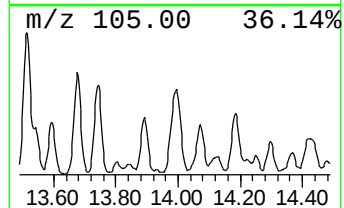
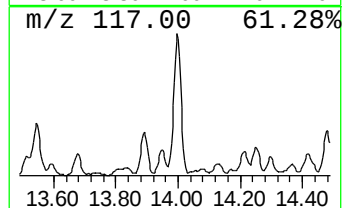
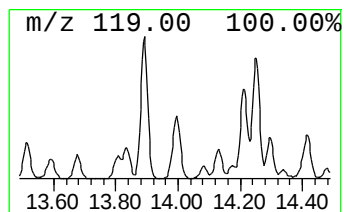
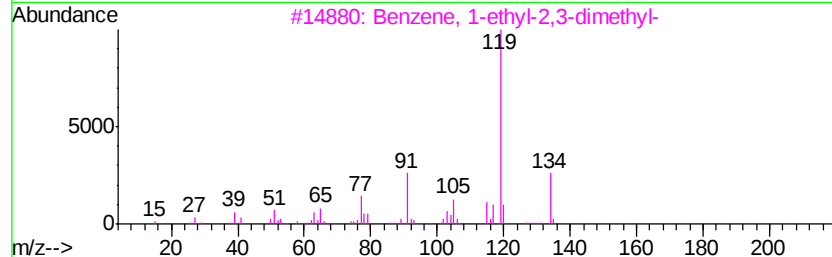
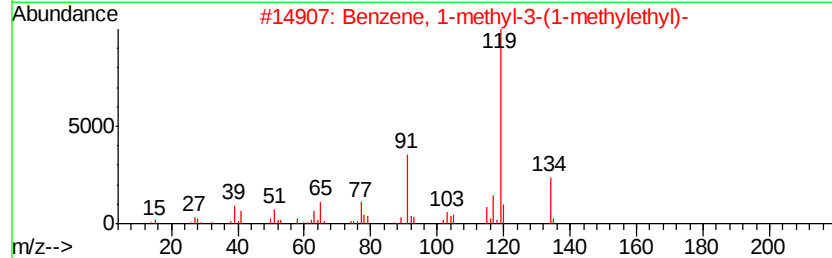
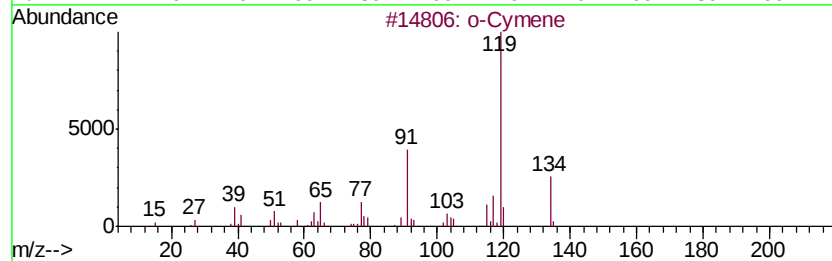
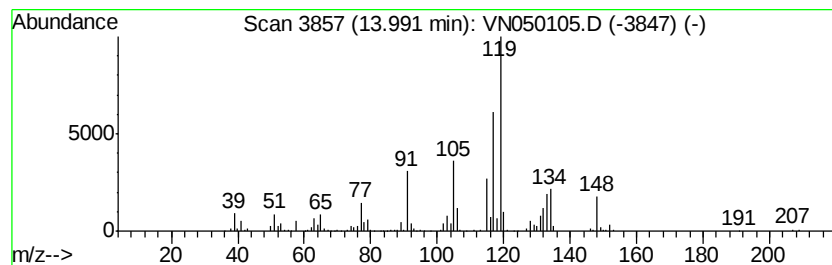
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Peak Number 4 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	10.39 ug/l	461293	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	o-Cymene		134 C10H14	000527-84-4 50
2	Benzene, 1-methyl-3-(1-methylethyl-)		134 C10H14	000535-77-3 50
3	Benzene, 1-ethyl-2,3-dimethyl-		134 C10H14	000933-98-2 49
4	Benzene, 2-ethyl-1,4-dimethyl-		134 C10H14	001758-88-9 49
5	p-Cymene		134 C10H14	000099-87-6 45



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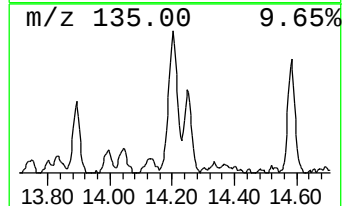
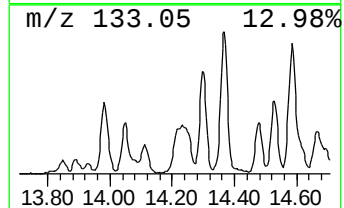
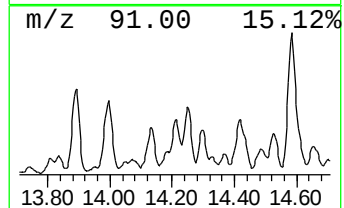
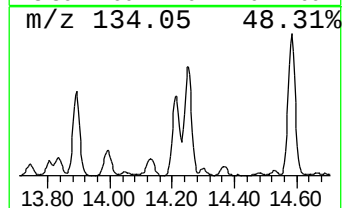
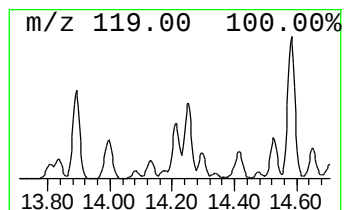
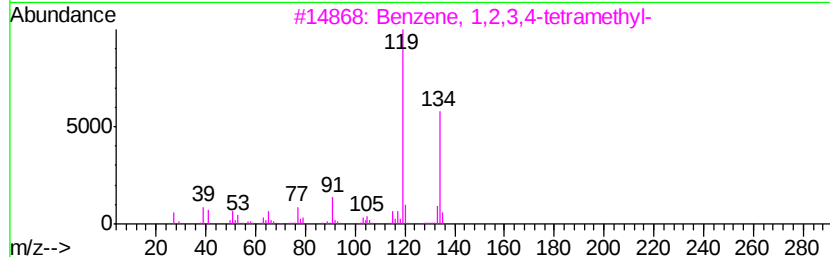
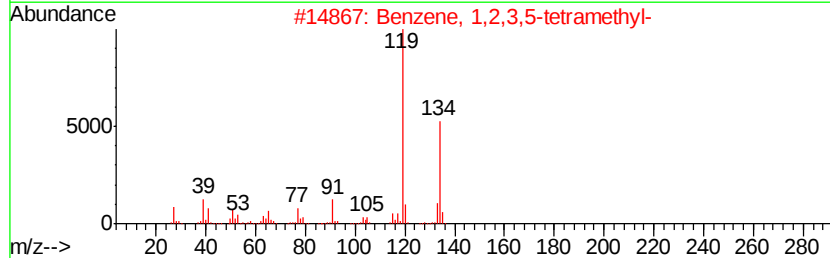
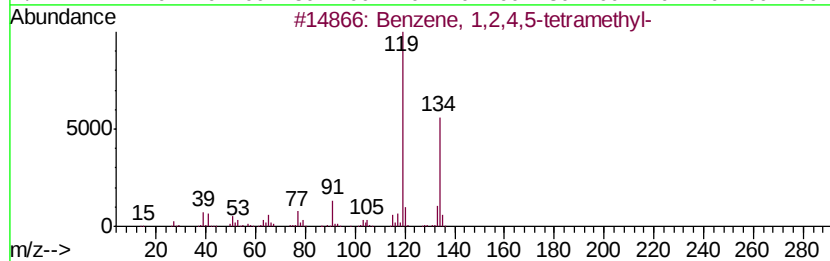
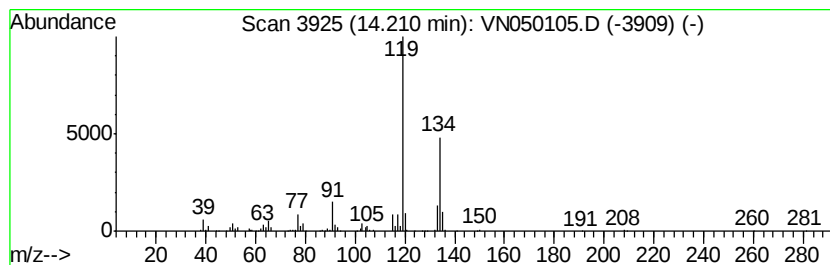
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	8.31 ug/l	368758	1,4-Dichlorobenzene-d4	13.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95	
2	Benzene,	1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94	
3	Benzene,	1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94	
4	Benzene,	1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94	
5	Benzene,	1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91	



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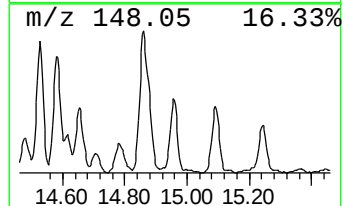
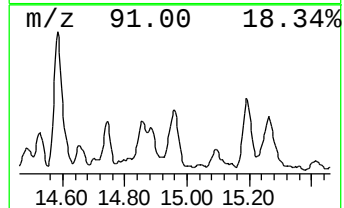
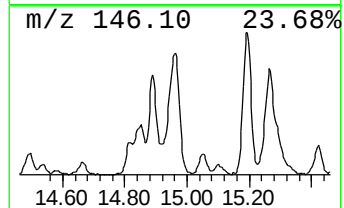
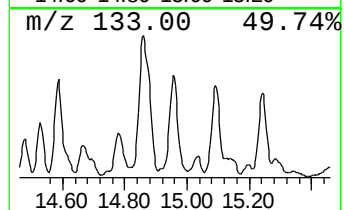
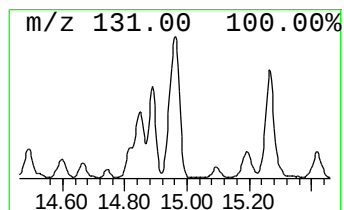
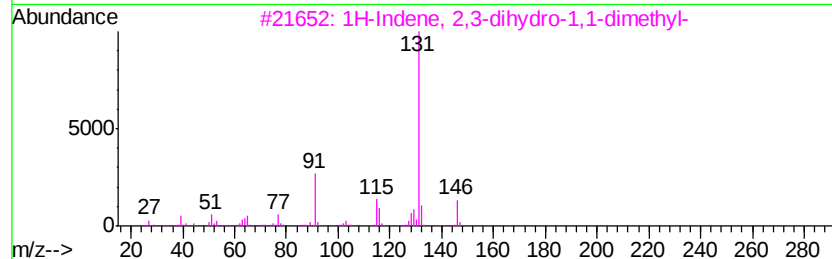
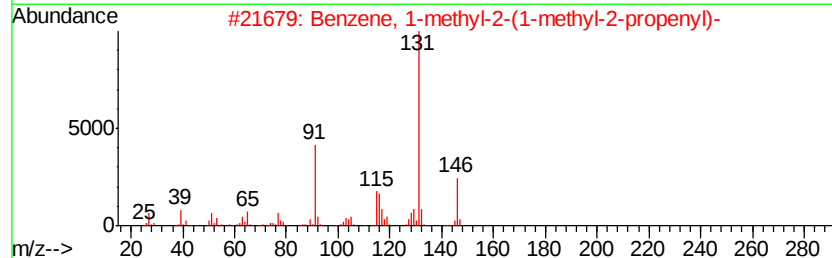
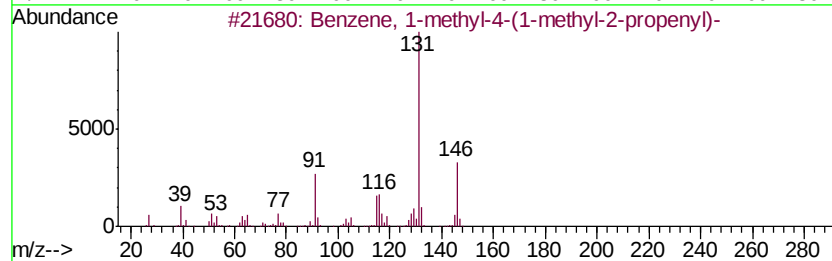
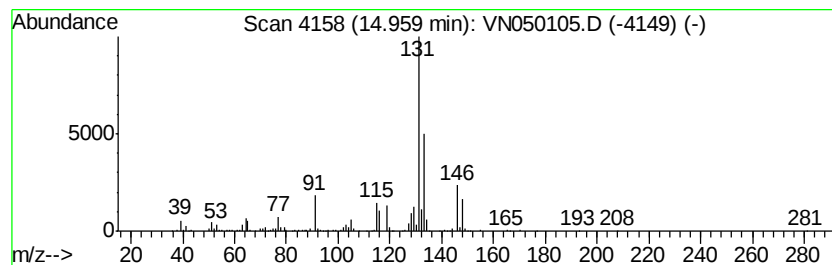
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	13.16 ug/l	583928	1,4-Dichlorobenzene-d4	13.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
2		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70
3		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050105.D
Acq On : 27 Jul 2018 1:35
Operator : MD\SY
Sample : J4163-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-26

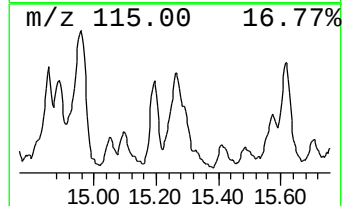
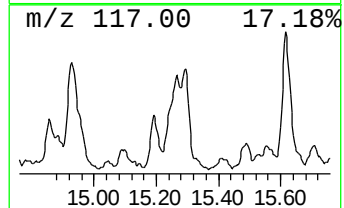
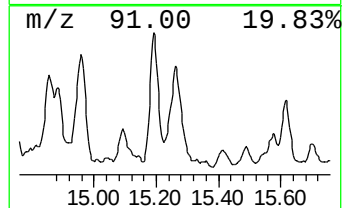
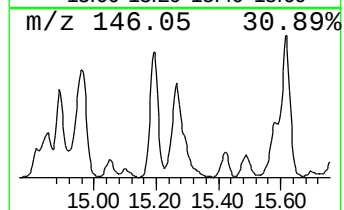
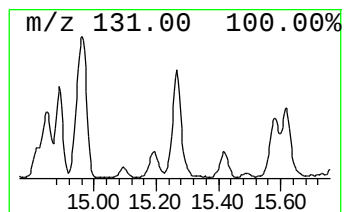
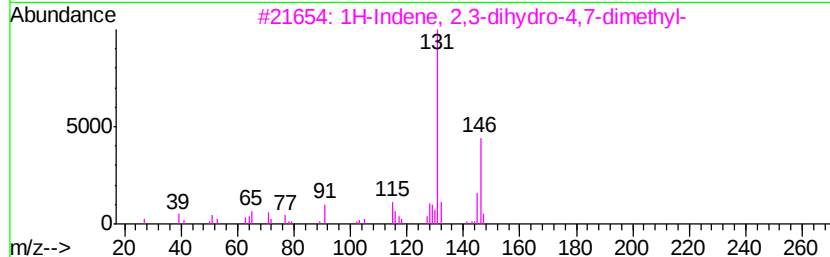
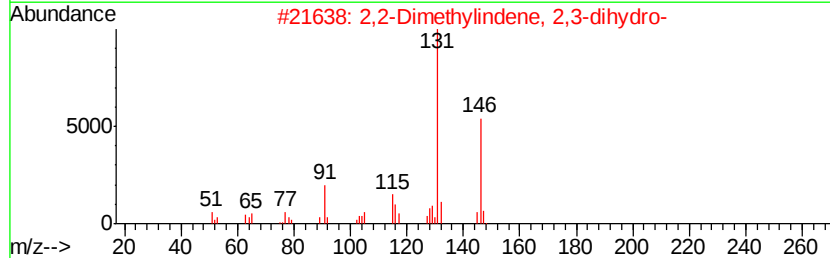
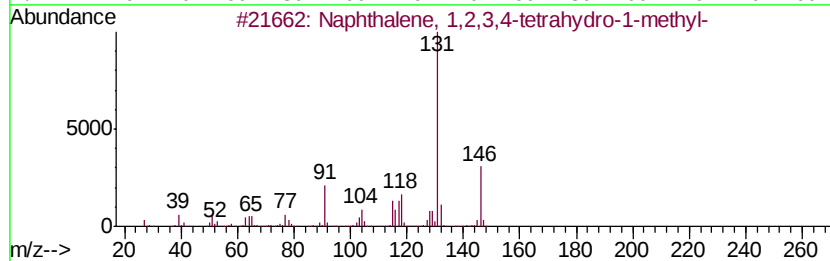
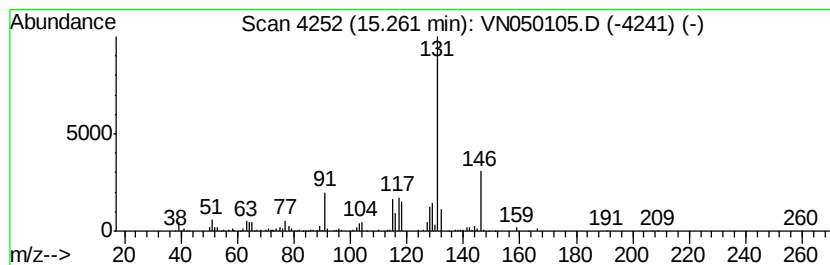
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	11.47 ug/l	509290	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050105.D
Acq On : 27 Jul 2018 1:35
Operator : MD\SY
Sample : J4163-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-26

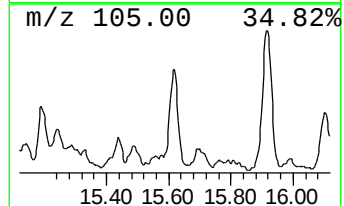
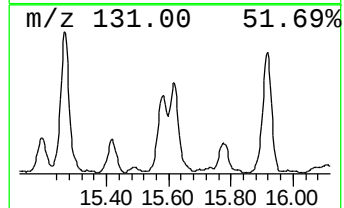
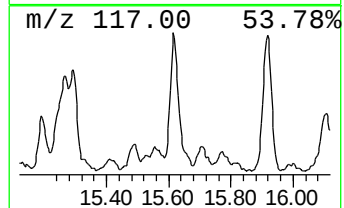
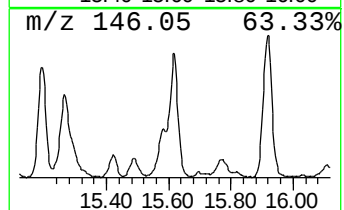
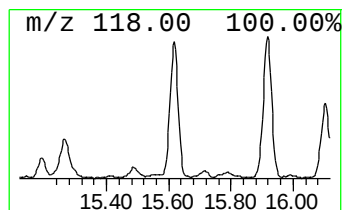
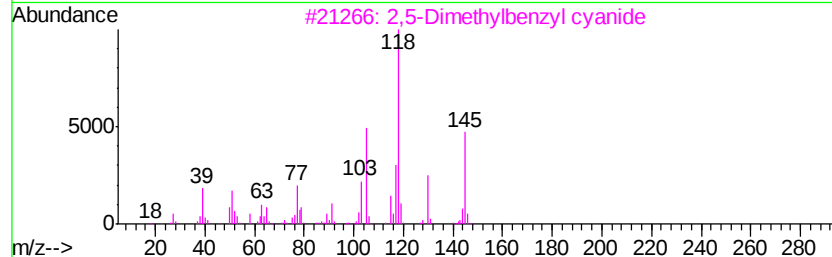
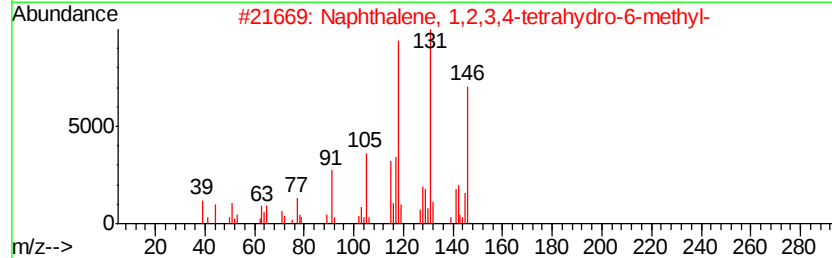
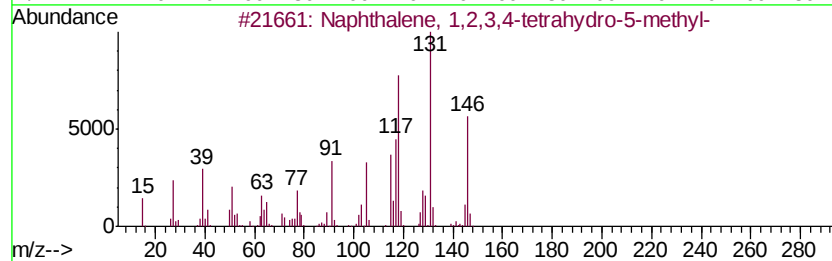
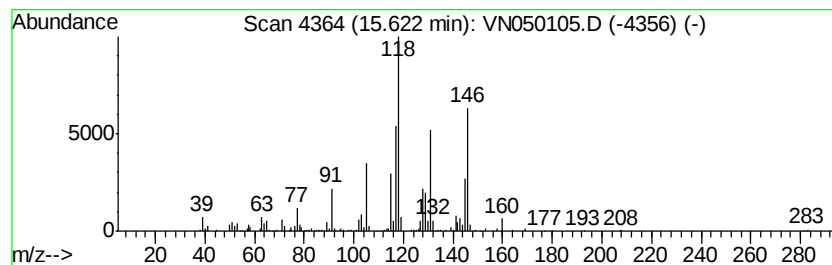
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	8.62 ug/l	382460	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	47
3		2,5-Dimethylbenzyl cyanide	145	C10H11N	016213-85-7	43
4		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	38
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050105.D
Acq On : 27 Jul 2018 1:35
Operator : MD\SY
Sample : J4163-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-26

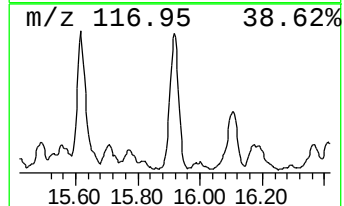
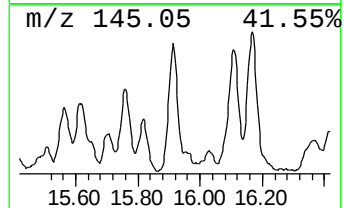
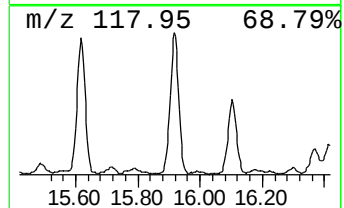
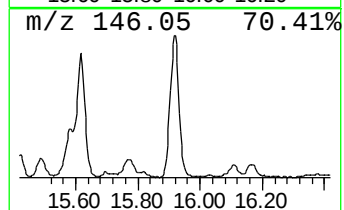
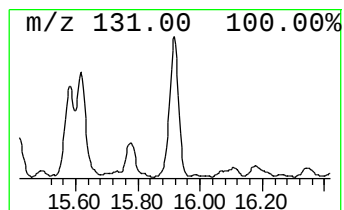
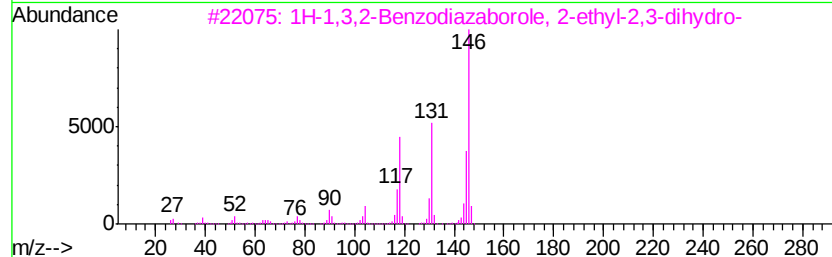
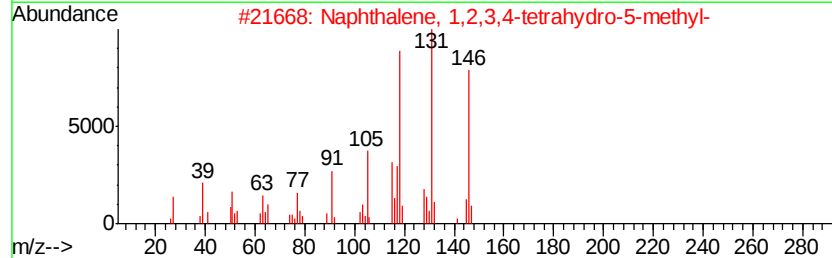
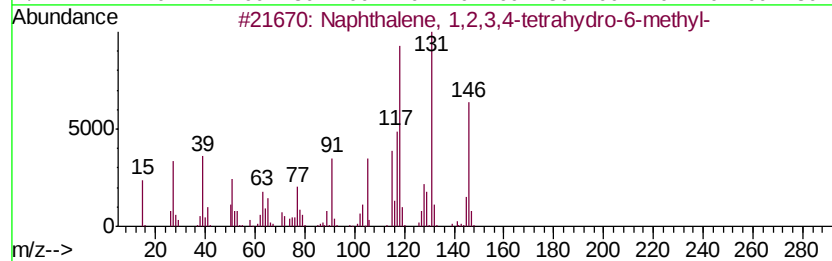
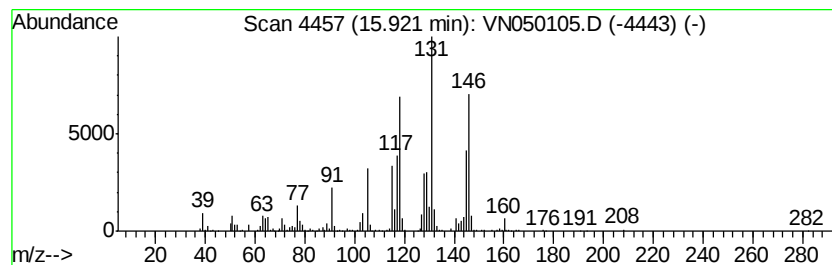
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	13.63 ug/l	605142	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050105.D
Acq On : 27 Jul 2018 1:35
Operator : MD\SY
Sample : J4163-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-26

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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
Acetic acid	8.26	20.7	ug/l	1024520	2	8.59	2473710	50.0
Benzene, 2-ethyl-...	13.89	10.7	ug/l	473040	4	13.35	2219240	50.0
o-Cymene	13.99	10.4	ug/l	461293	4	13.35	2219240	50.0
Benzene, 1,2,4,5-...	14.21	8.3	ug/l	368758	4	13.35	2219240	50.0
Benzene, 1-methyl...	14.96	13.2	ug/l	583928	4	13.35	2219240	50.0
Naphthalene, 1,2,...	15.26	11.5	ug/l	509290	4	13.35	2219240	50.0
Naphthalene, 1,2,...	15.62	8.6	ug/l	382460	4	13.35	2219240	50.0
Naphthalene, 1,2,...	15.92	13.6	ug/l	605142	4	13.35	2219240	50.0