

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011219\
 Data File : VU029148.D
 Acq On : 11 Jan 2019 17:54
 Operator : JC/SP
 Sample : K1136-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-107

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_U\METHOD\82U010319W.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	4.881	1136	1153	1171	rBV	144999	325705	33.72%	4.953%
2	4.980	1171	1184	1205	rVB	204148	454868	47.09%	6.917%
3	5.308	1270	1286	1309	rBV	155257	329161	34.08%	5.005%
4	5.536	1343	1357	1374	rVB2	13941	31744	3.29%	0.483%
5	5.884	1449	1465	1496	rBV	339393	676262	70.01%	10.284%
6	6.925	1777	1789	1801	rVB	11686	21990	2.28%	0.334%
7	7.048	1814	1827	1839	rBV3	17541	35546	3.68%	0.541%
8	7.562	1968	1987	2022	rBV	541140	965956	100.00%	14.689%
9	8.176	2166	2178	2196	rVB2	7730	14379	1.49%	0.219%
10	9.089	2449	2462	2486	rBV	462521	787417	81.52%	11.974%
11	10.305	2829	2840	2858	rBV	345578	557952	57.76%	8.484%
12	10.604	2917	2933	2946	rBV5	8099	15744	1.63%	0.239%
13	11.321	3151	3156	3167	rVB2	8008	11918	1.23%	0.181%
14	11.482	3194	3206	3231	rBV	417635	668274	69.18%	10.162%
15	11.768	3284	3295	3310	rBV5	11101	21082	2.18%	0.321%
16	11.864	3316	3325	3340	rVB5	7436	12793	1.32%	0.195%
17	12.250	3427	3445	3451	rBV6	8009	19206	1.99%	0.292%
18	12.289	3451	3457	3468	rVB7	10778	16874	1.75%	0.257%
19	12.353	3468	3477	3486	rBV2	13530	23032	2.38%	0.350%
20	12.491	3509	3520	3526	rBV7	5651	10381	1.07%	0.158%
21	12.536	3527	3534	3545	rVB2	16377	23904	2.47%	0.363%
22	12.620	3550	3560	3562	rBV5	9865	12600	1.30%	0.192%
23	12.649	3563	3569	3580	rVB	22579	33768	3.50%	0.513%
24	12.787	3604	3612	3625	rVB3	11398	16983	1.76%	0.258%
25	12.922	3642	3654	3662	rBV3	30572	52844	5.47%	0.804%
26	12.996	3671	3677	3685	rVB2	12813	18302	1.89%	0.278%
27	13.121	3706	3716	3727	rVV3	30227	49700	5.15%	0.756%
28	13.199	3732	3740	3746	rVV5	7594	11324	1.17%	0.172%
29	13.260	3746	3759	3766	rVV7	5931	12310	1.27%	0.187%
30	13.411	3796	3806	3811	rBV5	8957	14699	1.52%	0.224%
31	13.453	3813	3819	3827	rVB4	11585	18815	1.95%	0.286%
32	13.507	3827	3836	3843	rBV3	29184	43845	4.54%	0.667%
33	13.552	3843	3850	3855	rBV2	19776	33908	3.51%	0.516%
34	13.729	3890	3905	3914	rBV4	27331	51026	5.28%	0.776%

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35	13.787	3917	3923	3935	rVV3	12995	29350	3.04%	0.446%
36	13.854	3935	3944	3957	rVB2	55676	90246	9.34%	1.372%
37	13.951	3957	3974	3985	rBV3	54298	106177	10.99%	1.615%
38	14.015	3987	3994	4003	rVB5	18273	30265	3.13%	0.460%
39	14.150	4023	4036	4051	rVB4	24903	51526	5.33%	0.784%
40	14.256	4058	4069	4084	rVB9	7857	20748	2.15%	0.316%
41	14.337	4084	4094	4120	rVB6	34263	107796	11.16%	1.639%
42	14.472	4121	4136	4147	rBV6	20655	46466	4.81%	0.707%
43	14.543	4147	4158	4169	rVB5	46127	84000	8.70%	1.277%
44	14.607	4170	4178	4190	rVB6	12415	21251	2.20%	0.323%
45	14.690	4193	4204	4215	rBV6	24383	52242	5.41%	0.794%
46	14.816	4236	4243	4250	rBV6	15780	26113	2.70%	0.397%
47	14.880	4251	4263	4272	rVV5	35061	80431	8.33%	1.223%
48	14.932	4274	4279	4294	rVB8	26223	46376	4.80%	0.705%
49	15.009	4294	4303	4310	rBV3	19482	31191	3.23%	0.474%
50	15.067	4311	4321	4334	rBV8	31939	73654	7.62%	1.120%
51	15.256	4371	4380	4389	rVB10	10172	18485	1.91%	0.281%
52	15.420	4420	4431	4439	rVB8	9201	19380	2.01%	0.295%
53	15.588	4467	4483	4498	rVB5	36710	93143	9.64%	1.416%
54	15.668	4498	4508	4523	rBV8	16535	30935	3.20%	0.470%
55	15.813	4544	4553	4555	rBV7	15468	20684	2.14%	0.315%
56	15.835	4556	4560	4570	rVB2	22458	33945	3.51%	0.516%
57	16.060	4623	4630	4637	rBV6	16602	26700	2.76%	0.406%
58	16.173	4658	4665	4680	rBV4	9592	19402	2.01%	0.295%
59	16.256	4685	4691	4697	rBV4	8884	11296	1.17%	0.172%
60	16.436	4740	4747	4755	rVB8	6510	10066	1.04%	0.153%

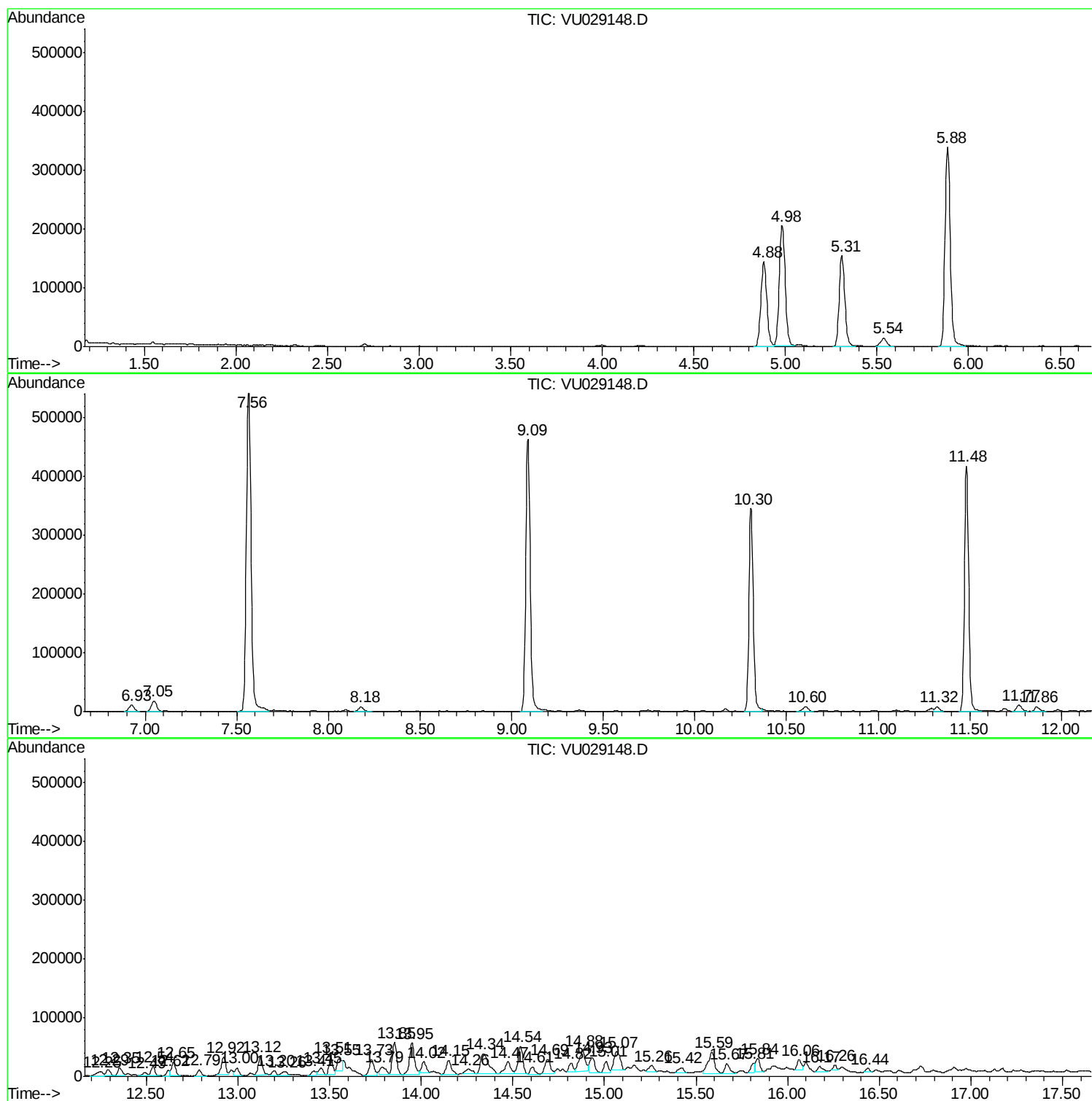
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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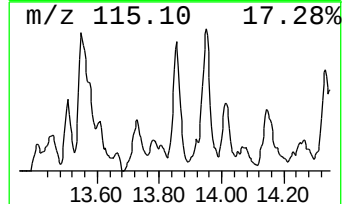
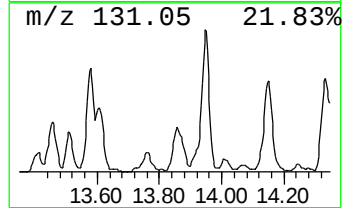
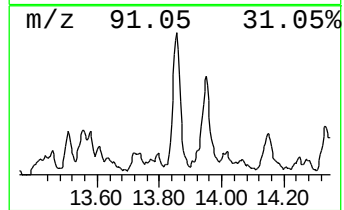
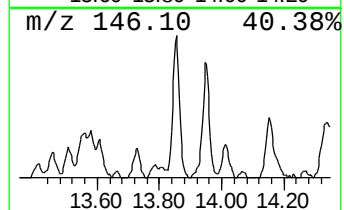
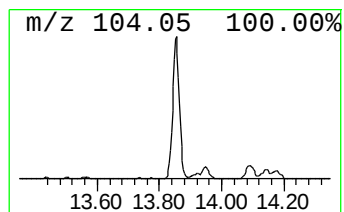
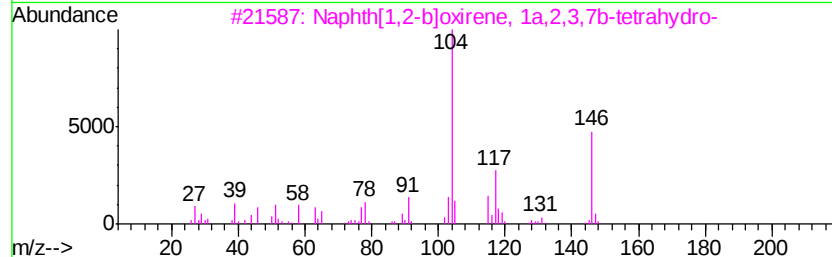
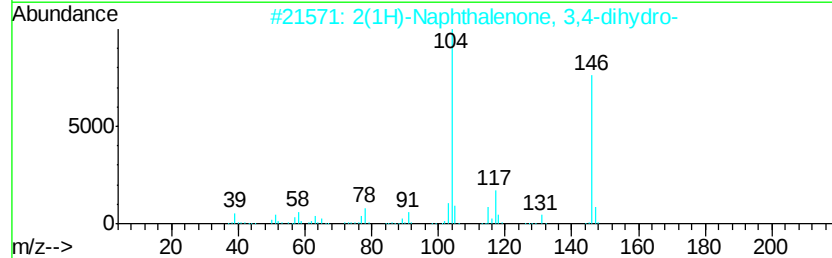
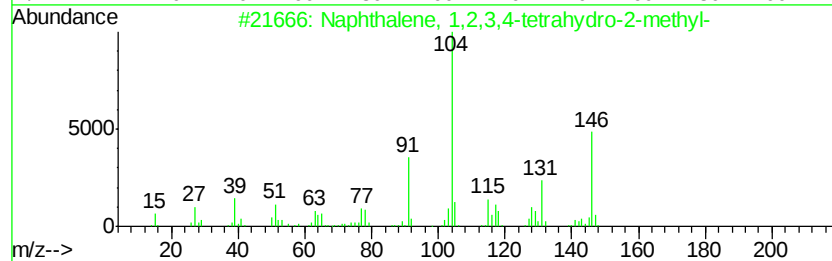
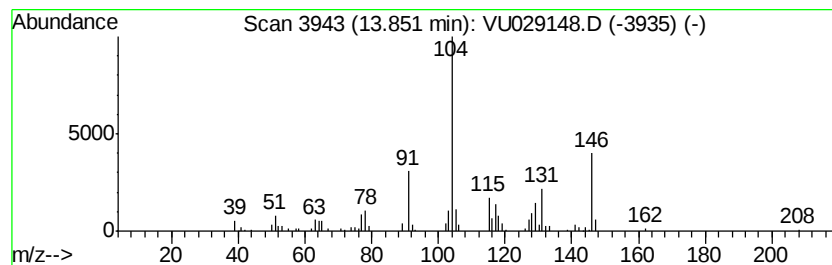
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.75 ug/l	90246	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-	146	C10H10O	002461-34-9	58
4		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	53
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	43



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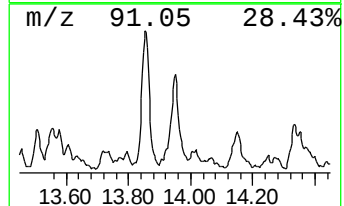
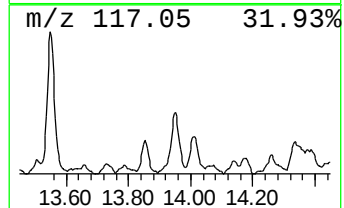
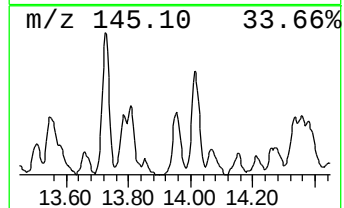
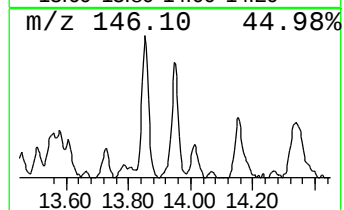
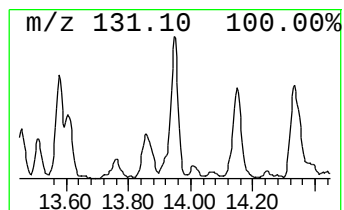
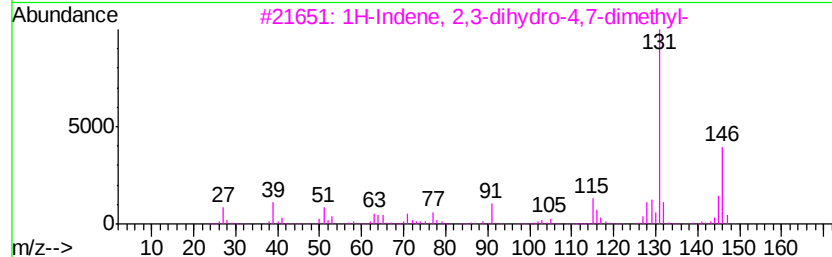
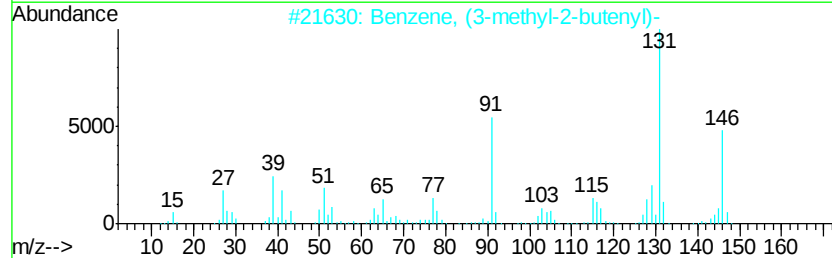
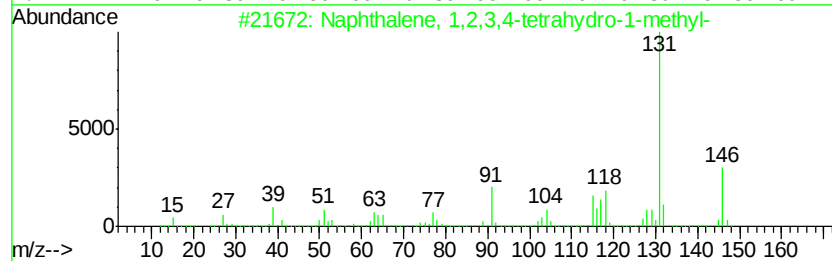
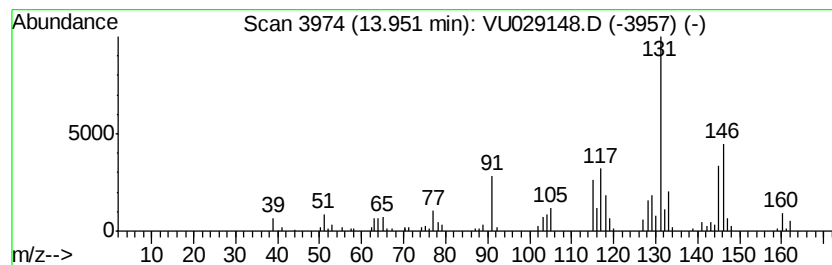
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.94 ug/l	106177	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70



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ALS Vial : 7 Sample Multiplier: 1

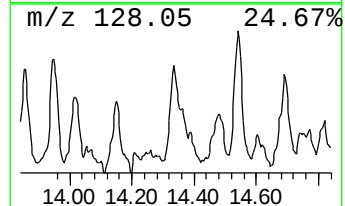
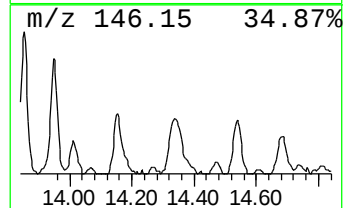
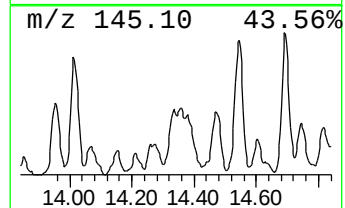
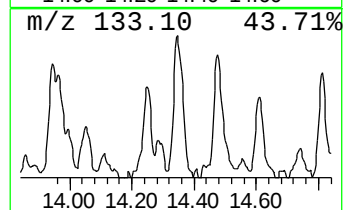
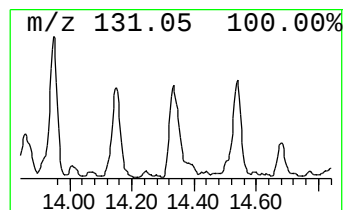
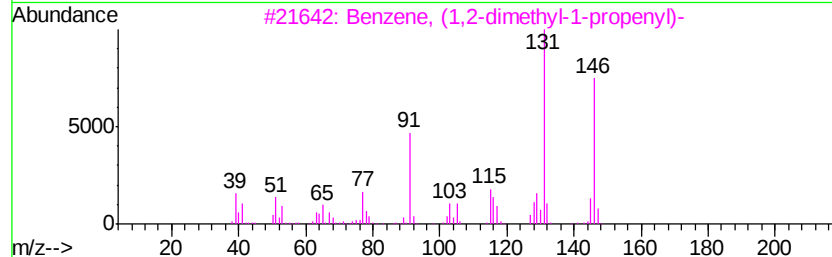
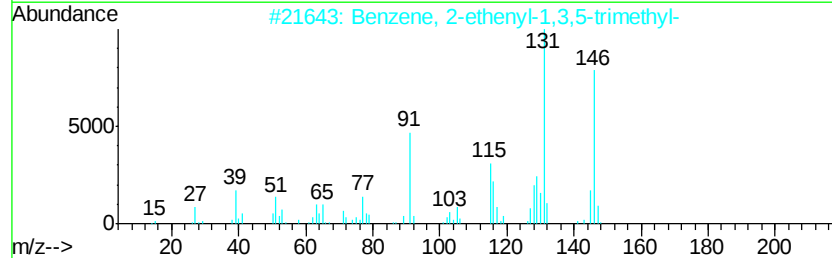
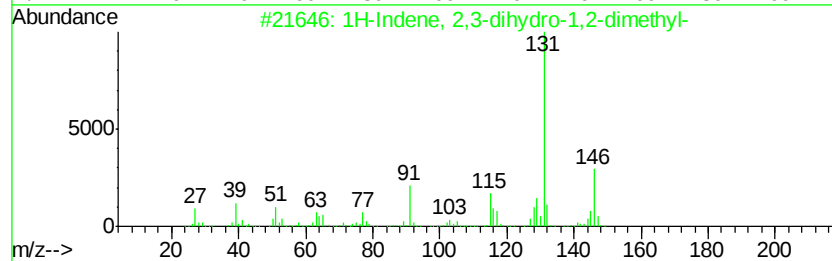
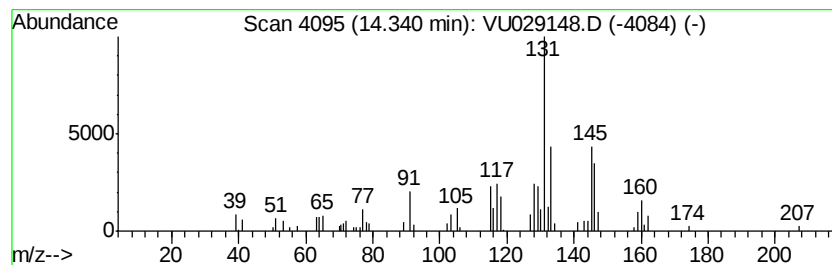
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	8.07 ug/l	107796	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 60
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 53
3		Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3 53
4		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 49
5		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 43



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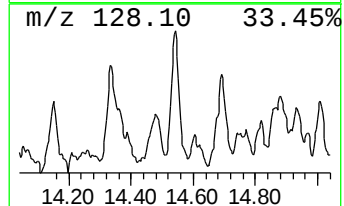
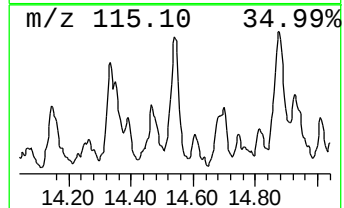
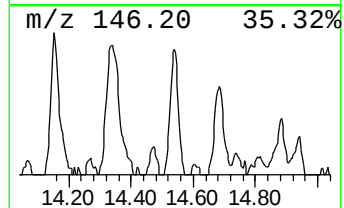
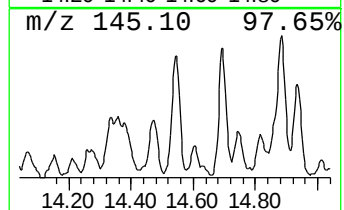
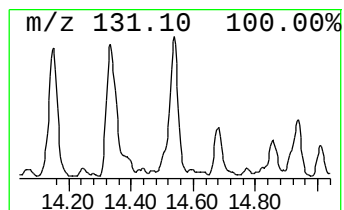
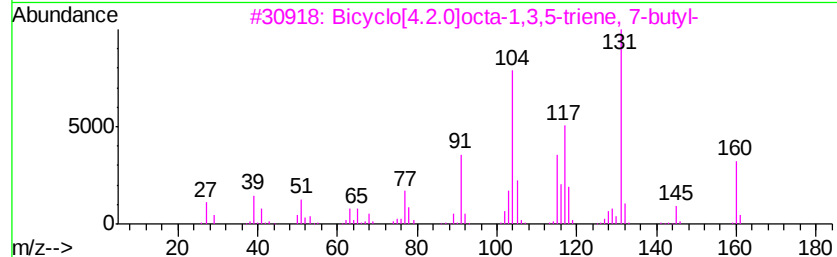
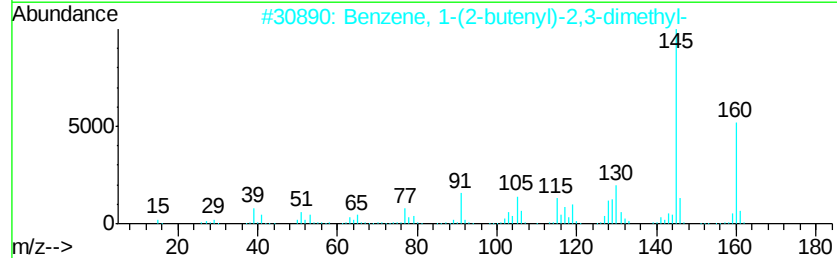
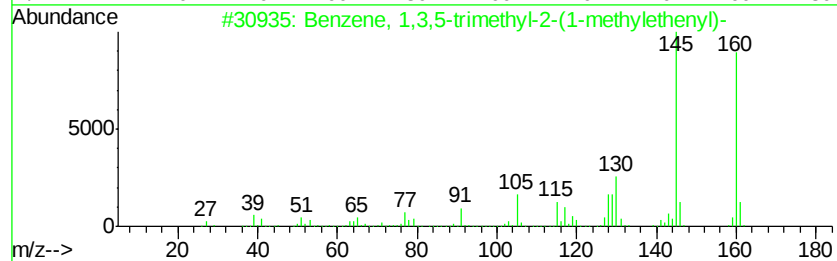
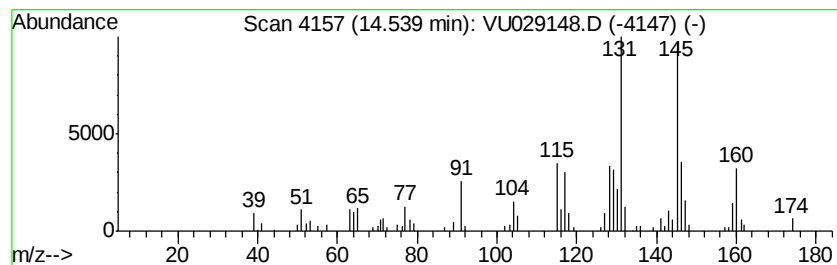
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Peak Number 4 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.28 ug/l	84000	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	52
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	46
4		1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	46
5		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	43



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ClientSampleId :
MW-107

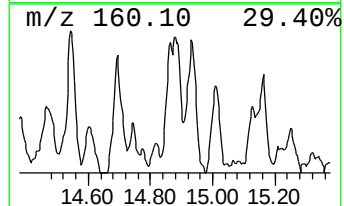
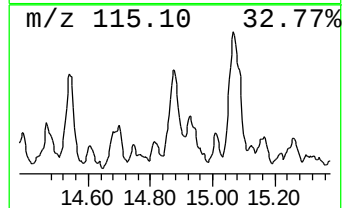
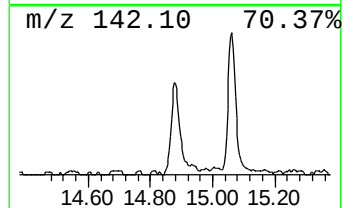
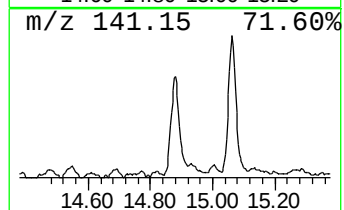
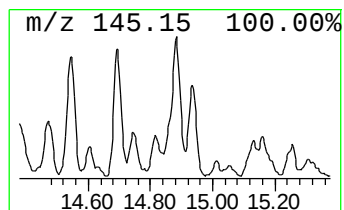
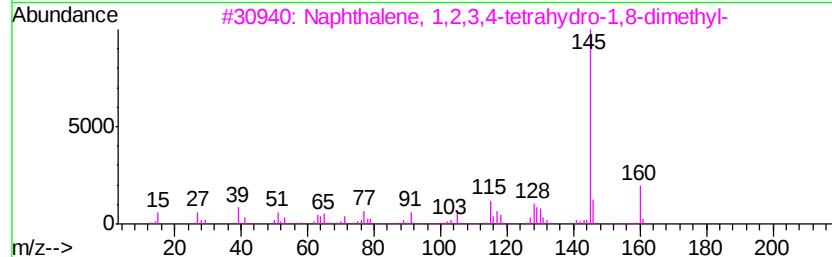
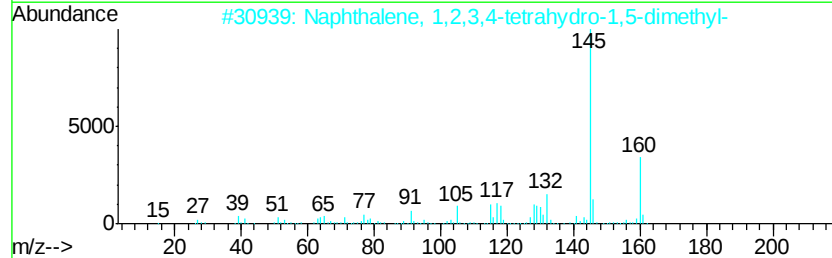
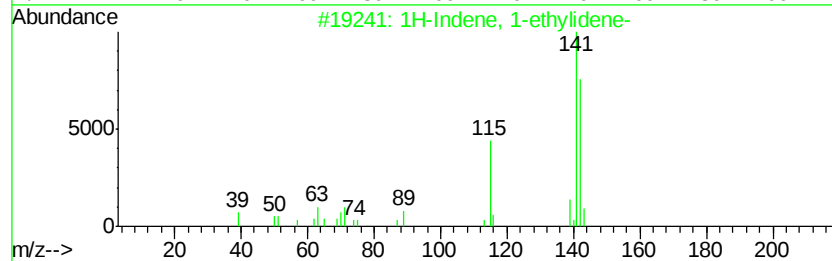
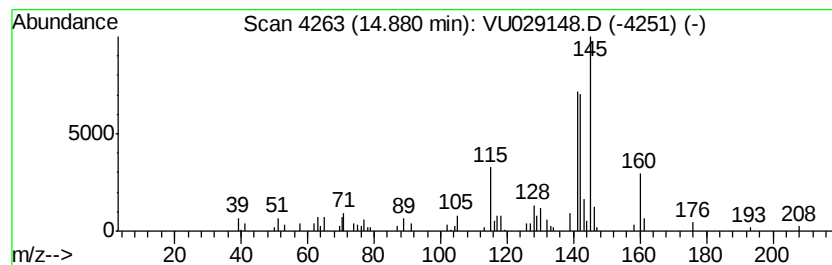
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 1-ethylidene- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	6.02 ug/l	80431	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	55
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49
4		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	49
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011219\
Data File : VU029148.D
Acq On : 11 Jan 2019 17:54
Operator : JC/SP
Sample : K1136-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-107

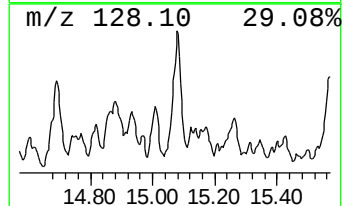
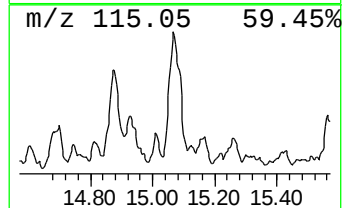
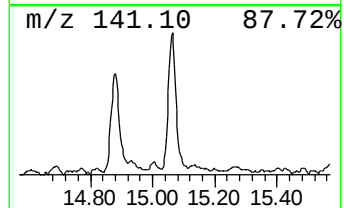
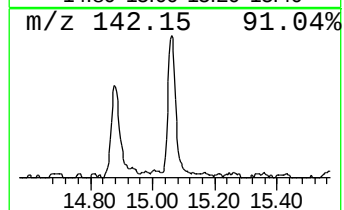
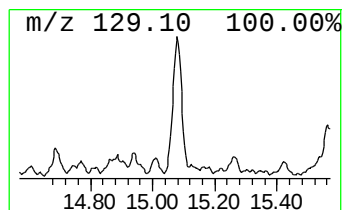
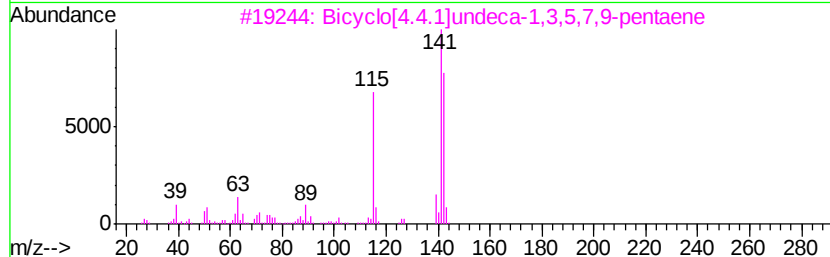
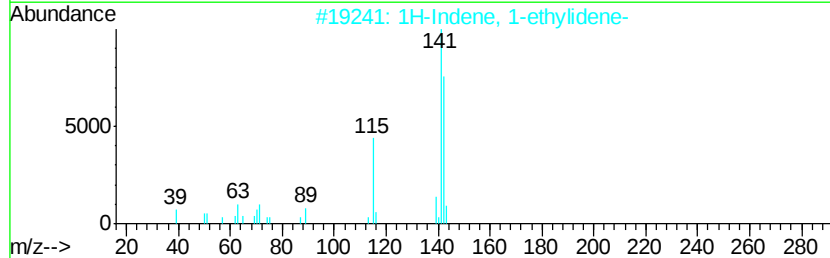
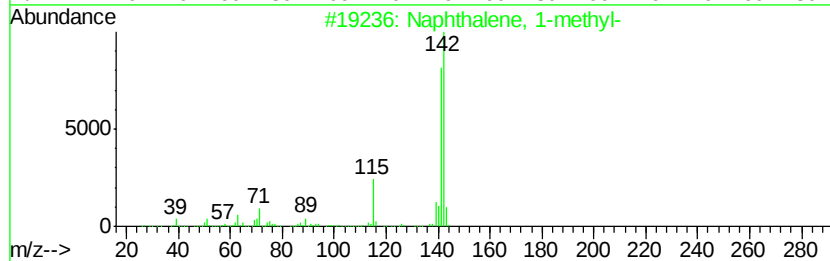
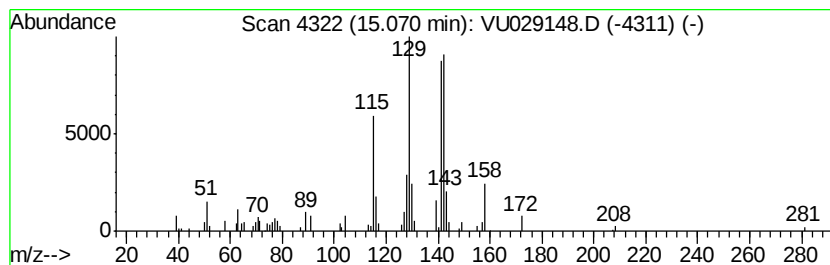
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	5.51 ug/l	73654	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	60
2		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	60
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	60
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	55
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011219\
Data File : VU029148.D
Acq On : 11 Jan 2019 17:54
Operator : JC/SP
Sample : K1136-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-107

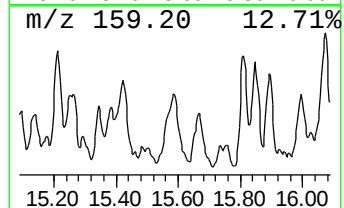
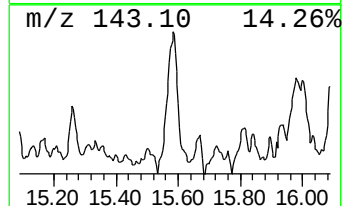
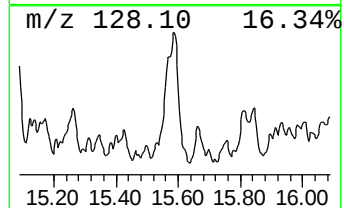
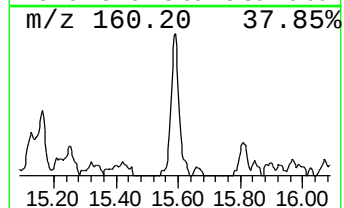
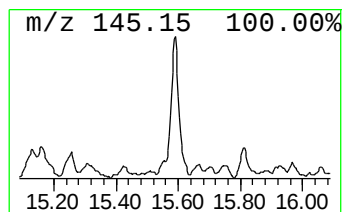
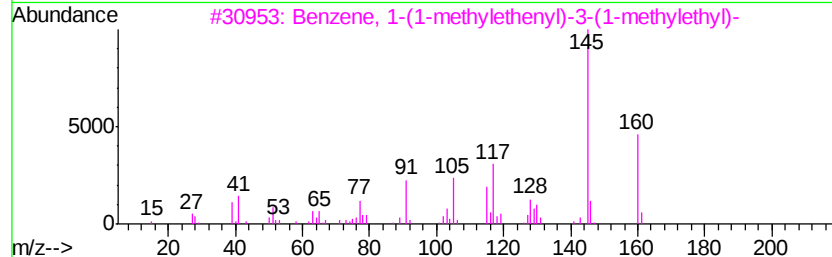
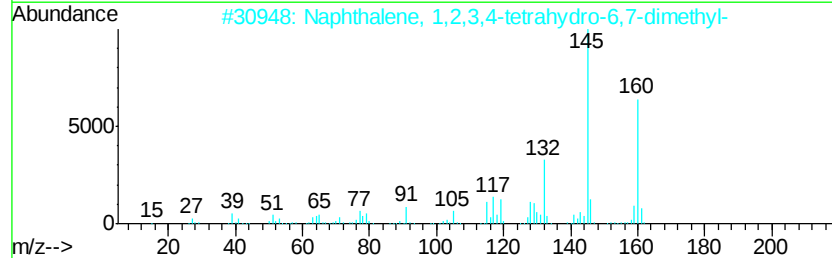
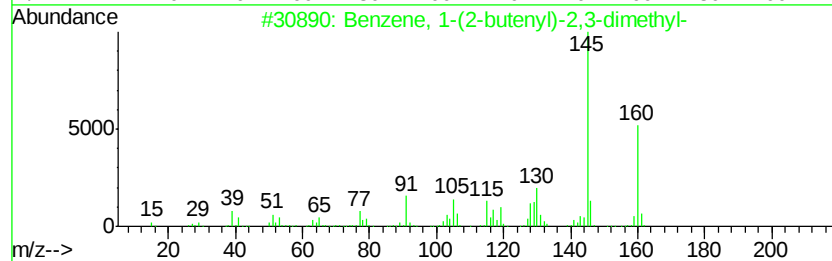
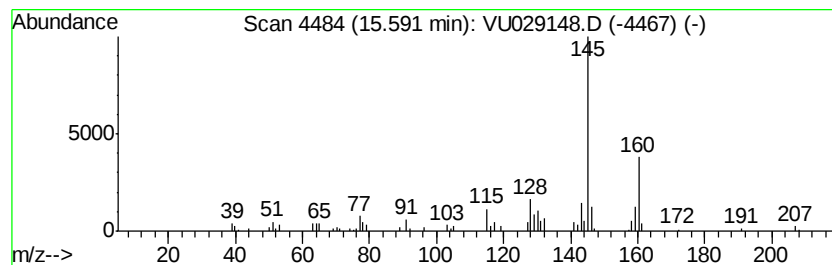
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	6.97 ug/l	93143	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87
3		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	87
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011219\
Data File : VU029148.D
Acq On : 11 Jan 2019 17:54
Operator : JC/SP
Sample : K1136-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-107

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.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, 1,2,...	13.85	6.8	ug/l	90246	4	11.48	668274	50.0
Naphthalene, 1,2,...	13.95	7.9	ug/l	106177	4	11.48	668274	50.0
1H-Indene, 2,3-di...	14.34	8.1	ug/l	107796	4	11.48	668274	50.0
Benzene, 1,3,5-tr...	14.54	6.3	ug/l	84000	4	11.48	668274	50.0
1H-Indene, 1-ethy...	14.88	6.0	ug/l	80431	4	11.48	668274	50.0
Naphthalene, 1-me...	15.07	5.5	ug/l	73654	4	11.48	668274	50.0
Benzene, 1-(2-but...	15.59	7.0	ug/l	93143	4	11.48	668274	50.0