

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050085.D
 Acq On : 26 Jul 2018 16:26
 Operator : MD\SY
 Sample : J4142-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

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	49	rBV	2797729	4365565	100.00%	12.914%
2	7.596	1847	1868	1879	rBV	549334	1382228	31.66%	4.089%
3	7.670	1879	1891	1917	rVB	779373	1872792	42.90%	5.540%
4	8.030	1985	2003	2029	rBV	557433	1308186	29.97%	3.870%
5	8.252	2040	2072	2075	rBV2	133543	512691	11.74%	1.517%
6	8.590	2160	2177	2209	rBV	1176558	2489049	57.02%	7.363%
7	10.095	2630	2645	2686	rBV	2086994	3884333	88.98%	11.491%
8	11.410	3039	3054	3075	rBV	1545528	2752217	63.04%	8.142%
9	12.252	3307	3316	3326	rVB	47362	82106	1.88%	0.243%
10	12.403	3350	3363	3377	rBV	1361093	2332776	53.44%	6.901%
11	12.725	3455	3463	3475	rVB	22361	47122	1.08%	0.139%
12	13.175	3592	3603	3610	rBV2	48296	87728	2.01%	0.260%
13	13.345	3644	3656	3671	rBV	1450617	2401267	55.00%	7.104%
14	13.445	3680	3687	3698	rVB	69926	104963	2.40%	0.311%
15	13.512	3700	3708	3714	rBV	171115	270026	6.19%	0.799%
16	13.596	3728	3734	3746	rVB2	44346	80197	1.84%	0.237%
17	13.673	3747	3758	3770	rVB2	266383	463405	10.62%	1.371%
18	13.892	3816	3826	3835	rVB	352119	534791	12.25%	1.582%
19	13.950	3836	3844	3847	rBV	60043	86036	1.97%	0.255%
20	13.995	3848	3858	3868	rVV3	519318	888243	20.35%	2.628%
21	14.049	3869	3875	3890	rVB8	79907	193806	4.44%	0.573%
22	14.133	3894	3901	3908	rBV2	79369	111348	2.55%	0.329%
23	14.181	3909	3916	3918	rBV4	70768	88678	2.03%	0.262%
24	14.213	3919	3926	3934	rVB2	222198	329531	7.55%	0.975%
25	14.297	3944	3952	3959	rBV2	150525	239257	5.48%	0.708%
26	14.368	3968	3974	3981	rVB	103347	132839	3.04%	0.393%
27	14.419	3981	3990	4002	rVB3	215556	445062	10.19%	1.317%
28	14.487	4002	4011	4017	rBV4	102072	183878	4.21%	0.544%
29	14.528	4017	4024	4032	rVB2	195363	284424	6.52%	0.841%
30	14.583	4032	4041	4055	rBV2	295057	511601	11.72%	1.513%
31	14.657	4056	4064	4073	rBV6	123803	237432	5.44%	0.702%
32	14.786	4095	4104	4110	rBV3	87698	169742	3.89%	0.502%
33	14.853	4117	4125	4131	rBV5	270042	447215	10.24%	1.323%
34	14.959	4149	4158	4177	rVB4	471065	1031178	23.62%	3.050%

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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

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Title : SW846 8260

35	15.049	4181	4186	4193	rVV2	63125	94077	2.15%	0.278%
36	15.094	4195	4200	4213	rVB5	81660	147094	3.37%	0.435%
37	15.194	4222	4231	4239	rBV	269784	452743	10.37%	1.339%
38	15.265	4241	4253	4270	rVB3	301977	808208	18.51%	2.391%
39	15.416	4292	4300	4311	rBV4	60897	117263	2.69%	0.347%
40	15.705	4382	4390	4399	rVB3	113672	189853	4.35%	0.562%
41	15.917	4442	4456	4468	rBV2	370285	798127	18.28%	2.361%
42	16.107	4506	4515	4525	rVB2	159189	307543	7.04%	0.910%
43	16.168	4527	4534	4545	rBV4	93963	162388	3.72%	0.480%
44	16.358	4580	4593	4603	rBV5	139253	374974	8.59%	1.109%

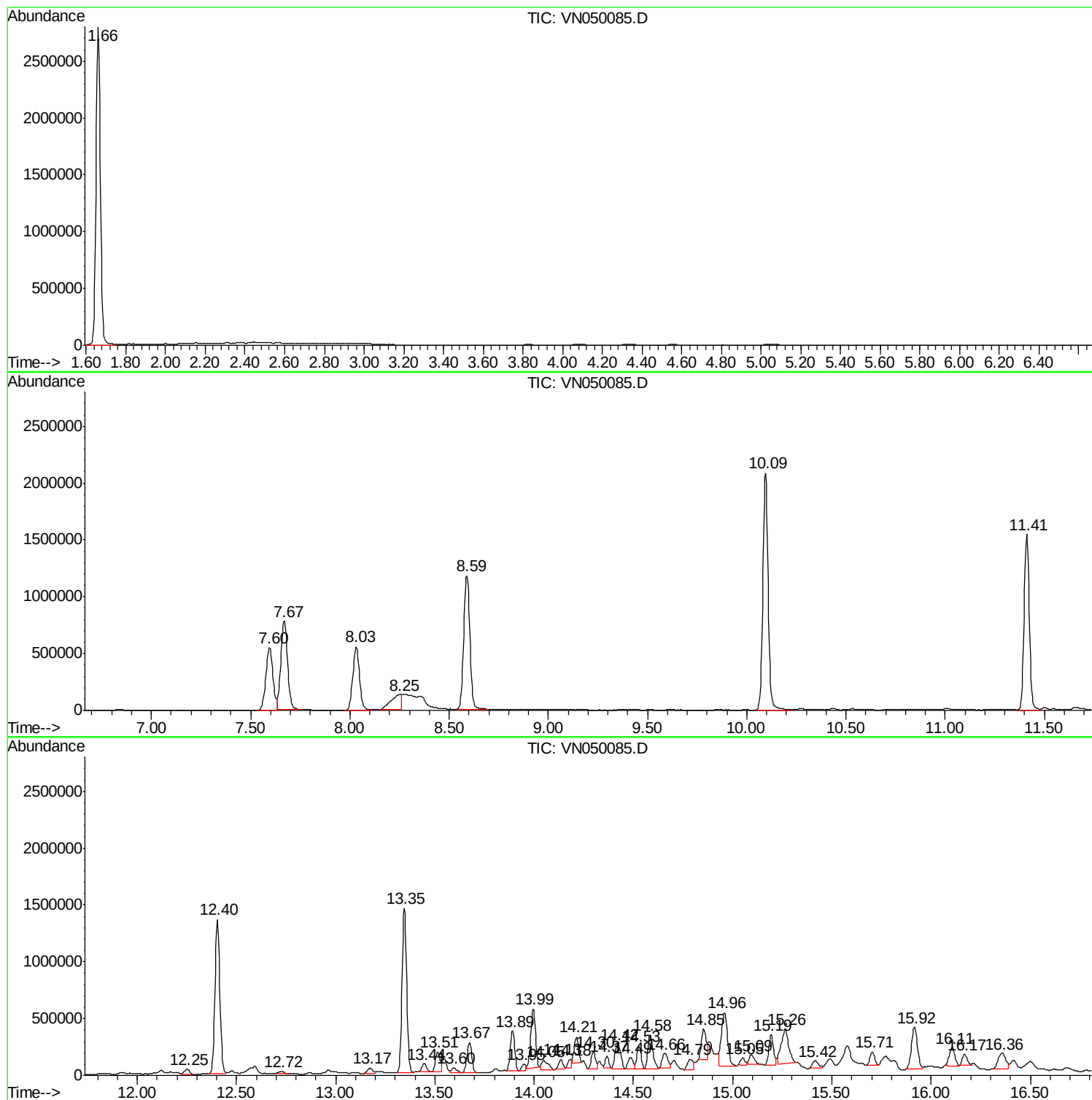
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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



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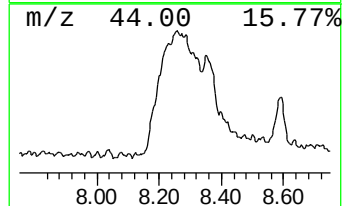
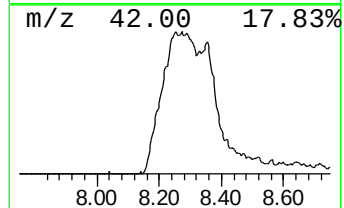
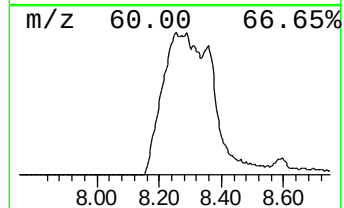
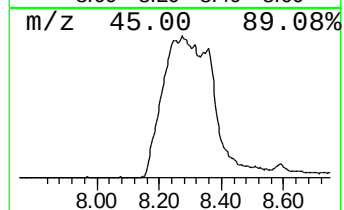
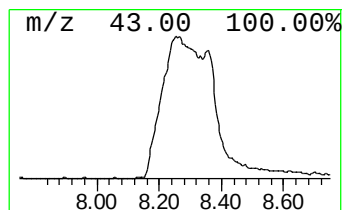
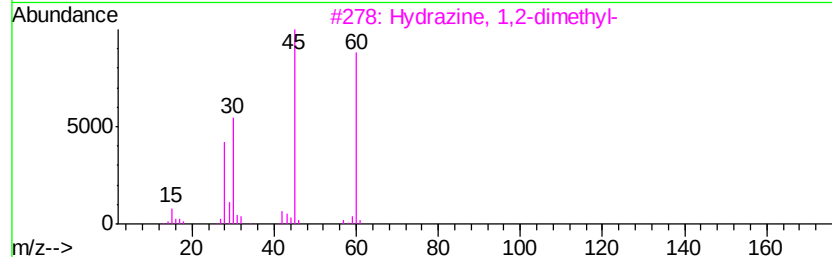
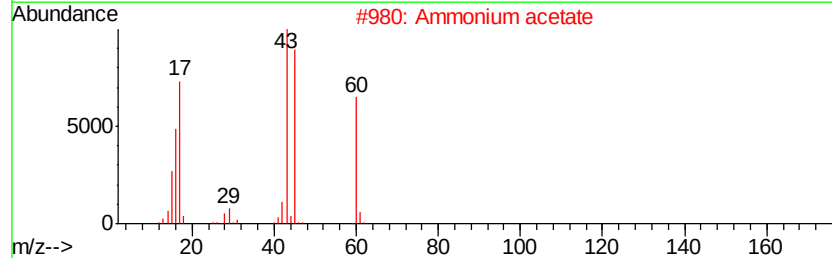
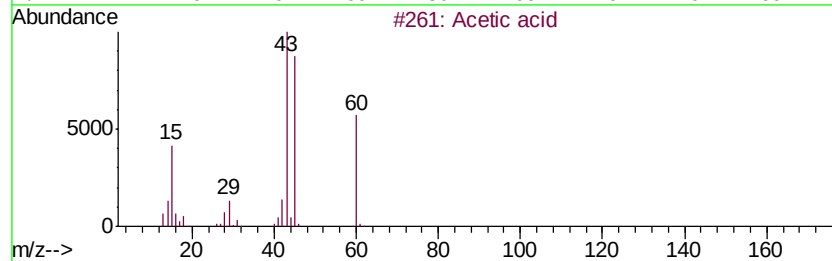
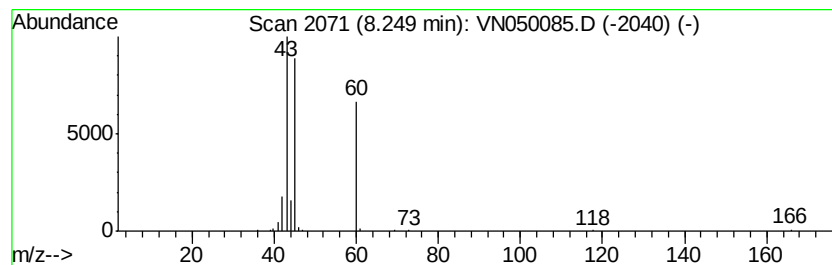
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 2 Acetic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	10.30 ug/l	512691	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	64
3		Hvdrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	50
4		Cyclohexan-1,4,5-triol-3-one-1-c...	190	C7H10O6	1000128-45-5	43
5		Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9



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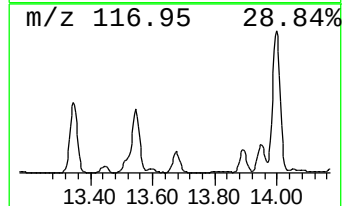
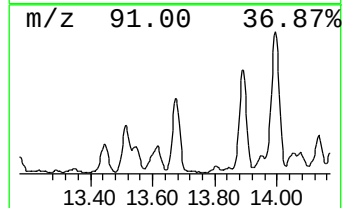
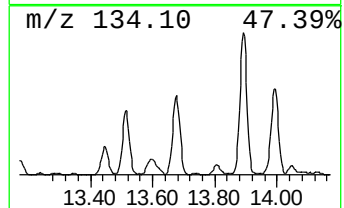
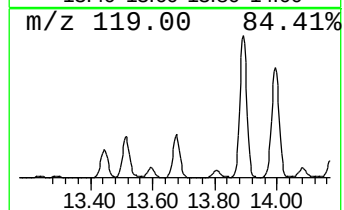
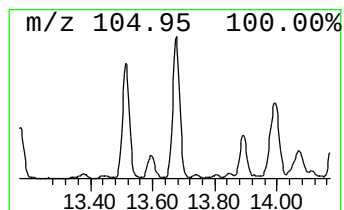
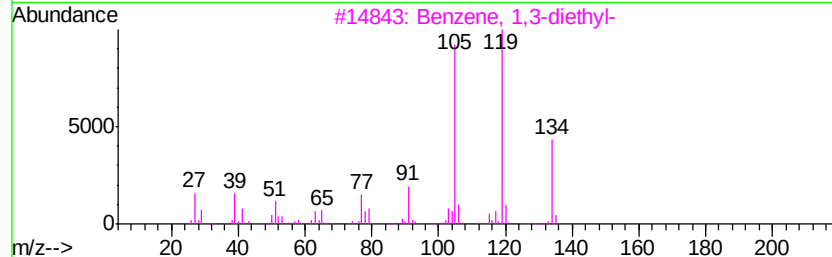
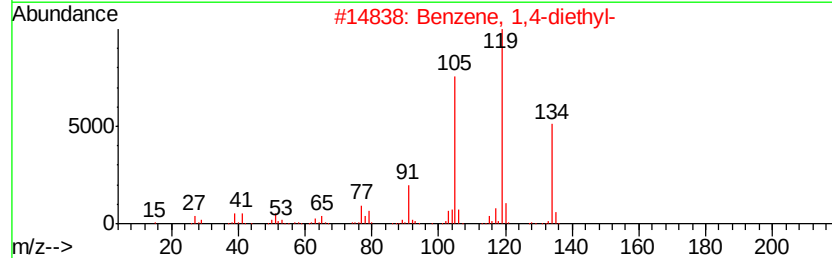
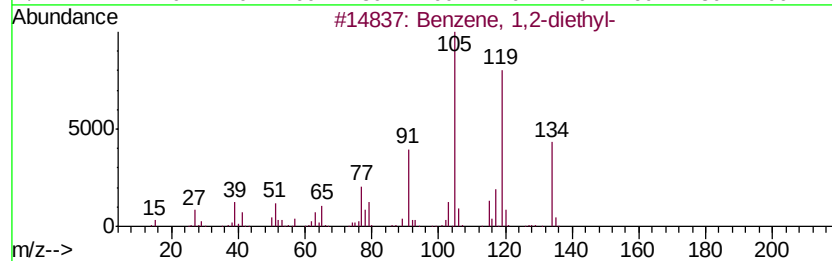
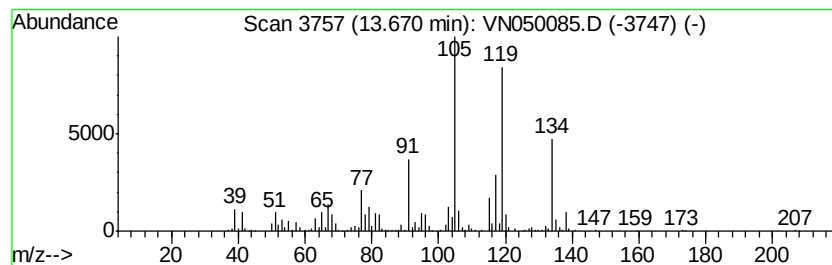
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	9.65 ug/l	463405	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62



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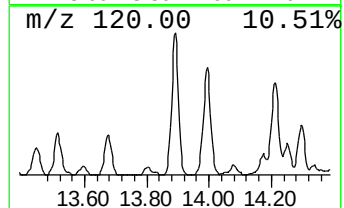
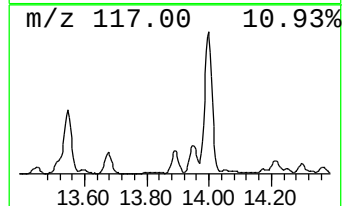
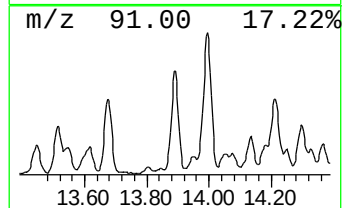
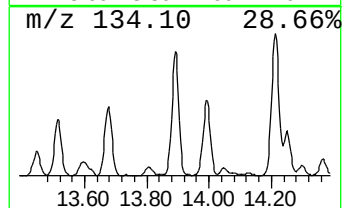
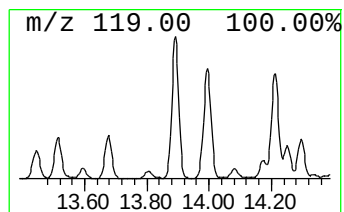
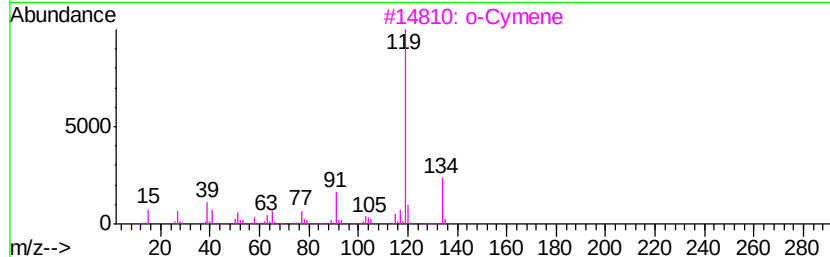
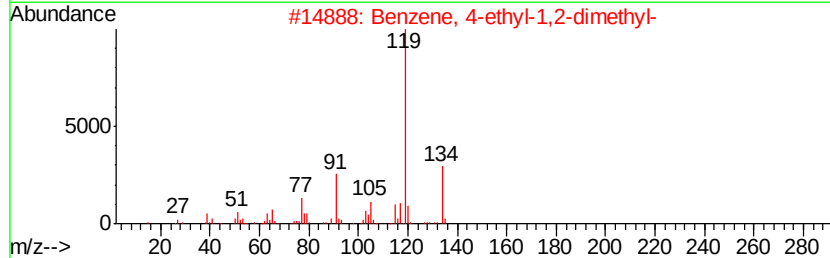
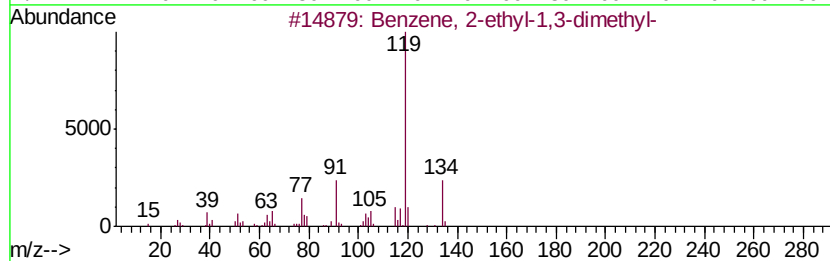
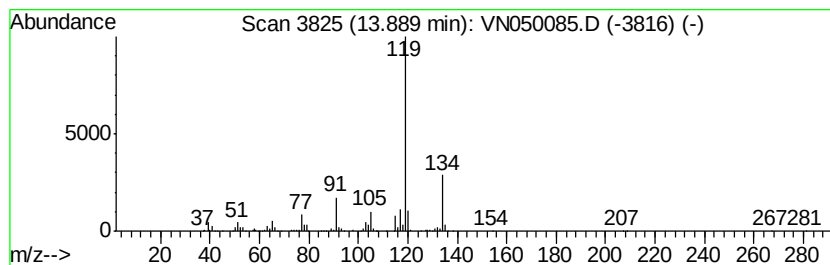
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	11.14 ug/l	534791	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		o-Cymene	134	C10H14	000527-84-4	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	93



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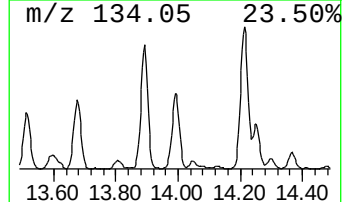
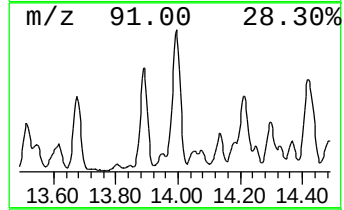
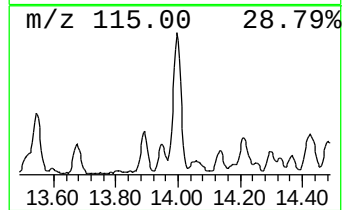
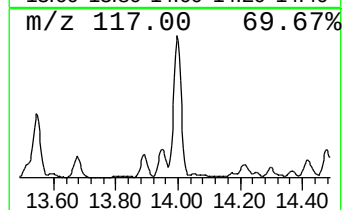
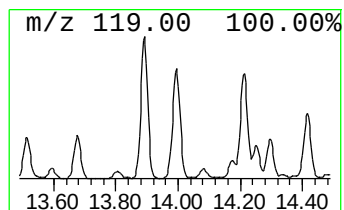
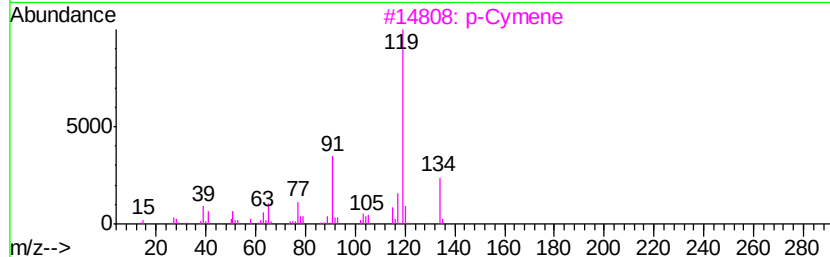
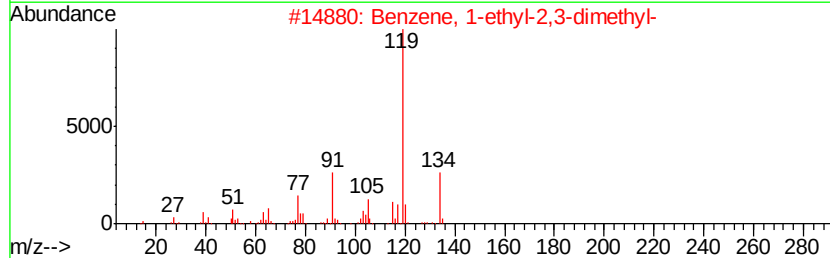
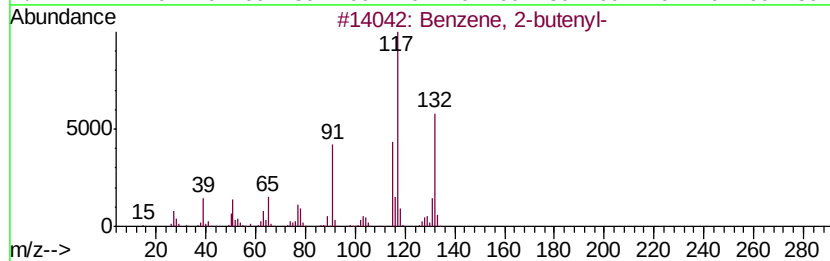
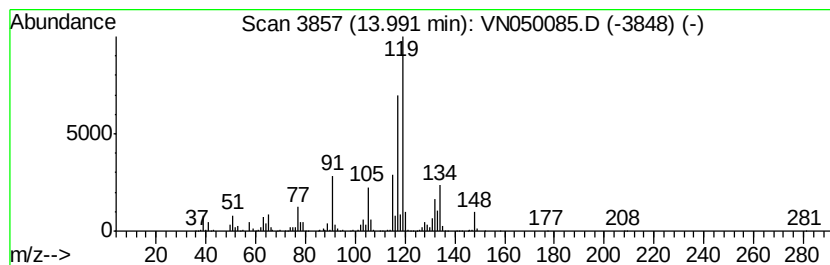
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-butenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	18.50 ug/l	888243	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
3		p-Cymene	134	C10H14	000099-87-6	50
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46



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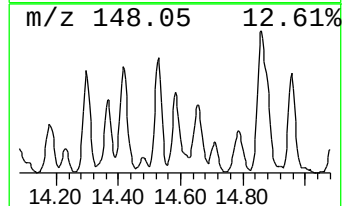
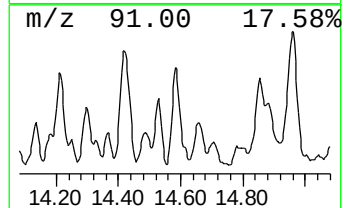
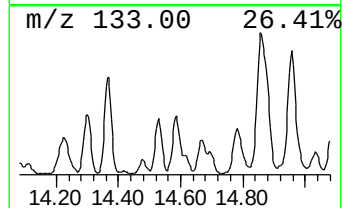
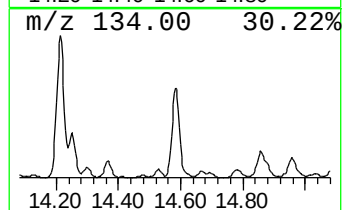
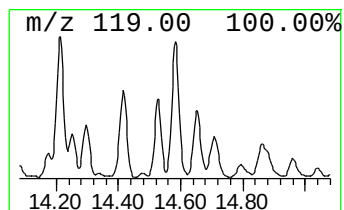
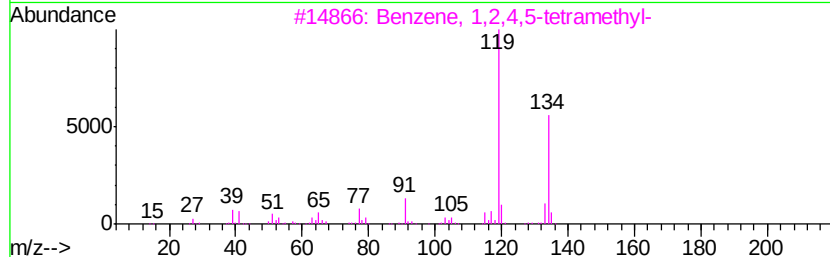
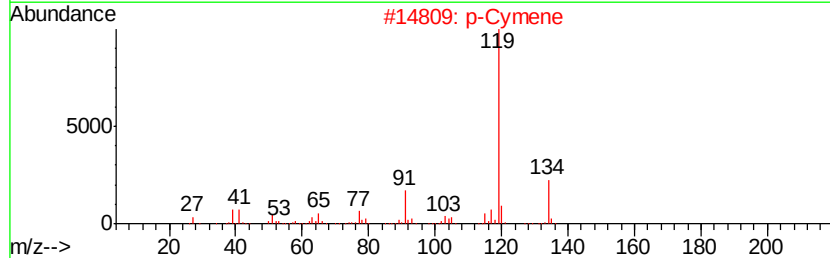
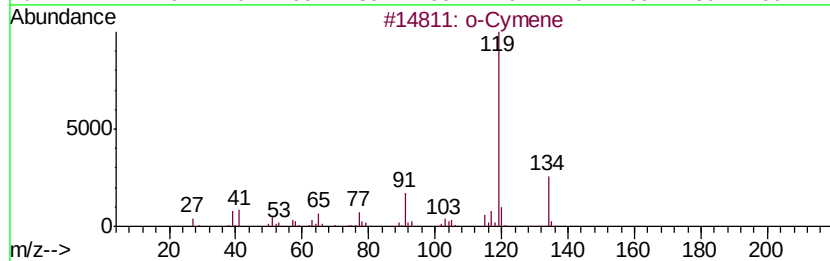
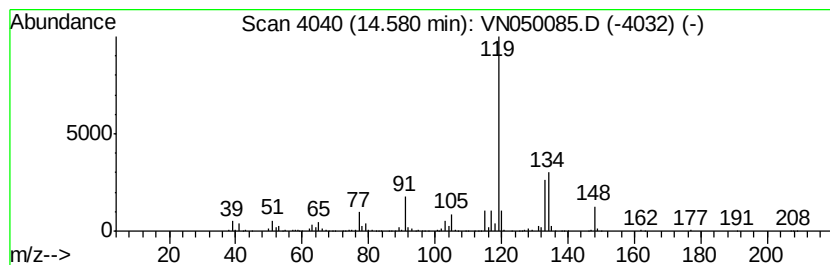
Instrument :
MSVOA_N
ClientSampled :
MW-5

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 6 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	10.65 ug/l	511601	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 94
2		p-Cymene	134 C10H14	000099-87-6 93
3		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 87
4		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 87
5		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050085.D
Acq On : 26 Jul 2018 16:26
Operator : MD\SY
Sample : J4142-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

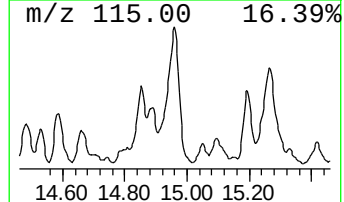
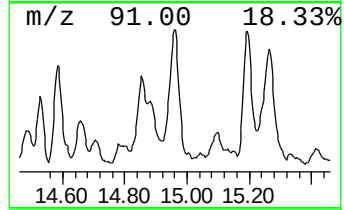
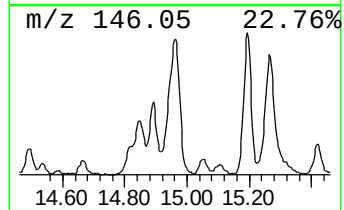
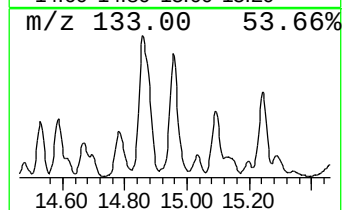
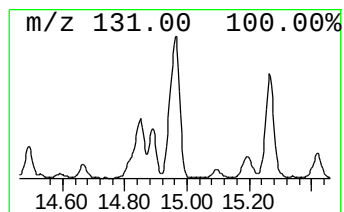
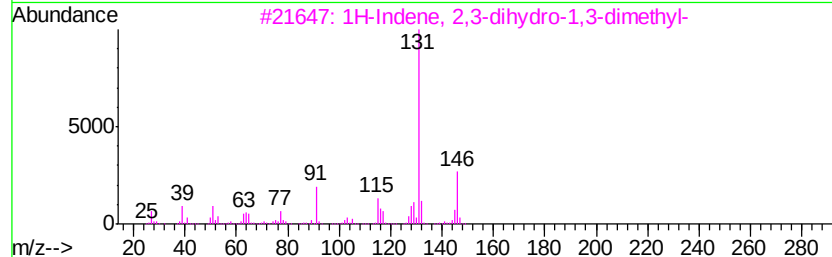
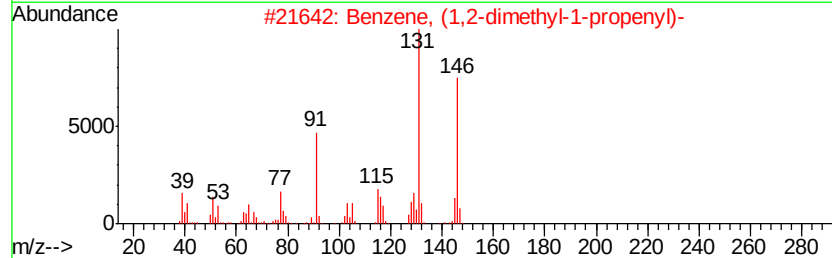
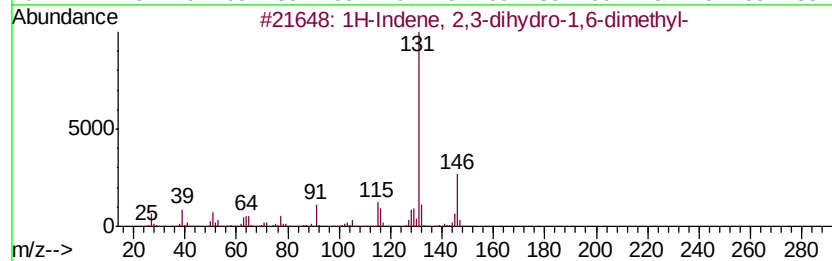
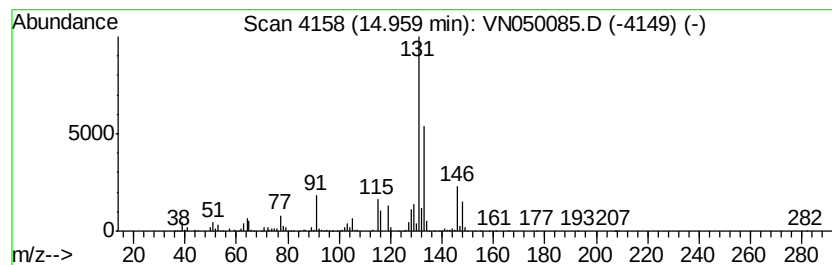
Instrument :
MSVOA_N
ClientSampleId :
MW-5

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 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	21.47 ug/l	1031180	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2	83
2	Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3	64
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5	64
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146 C11H14	004912-92-9	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050085.D
Acq On : 26 Jul 2018 16:26
Operator : MD\SY
Sample : J4142-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-5

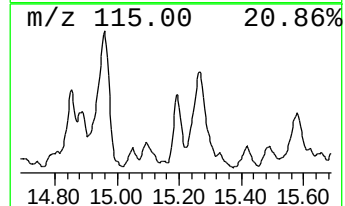
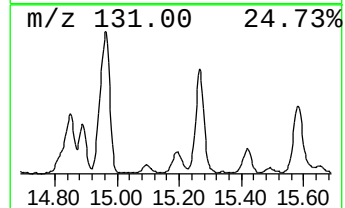
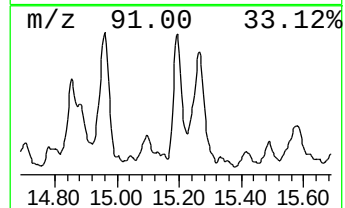
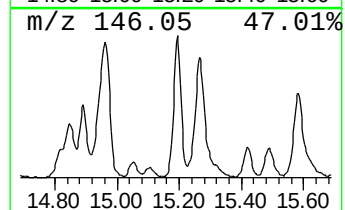
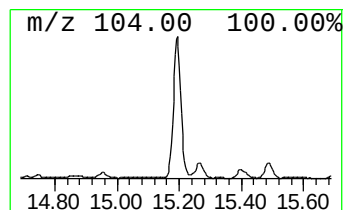
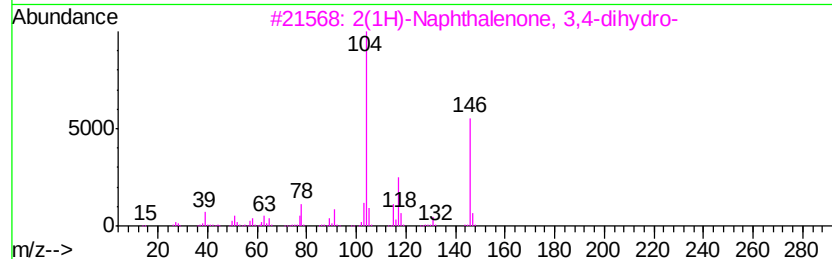
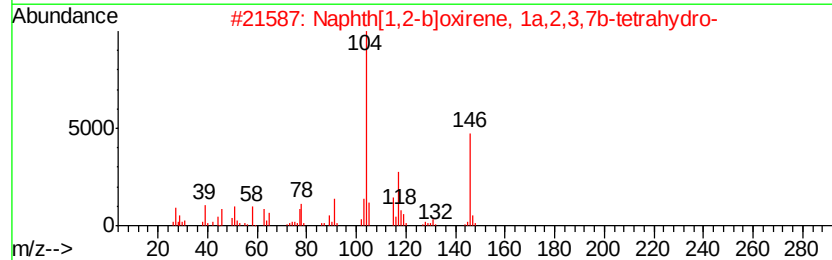
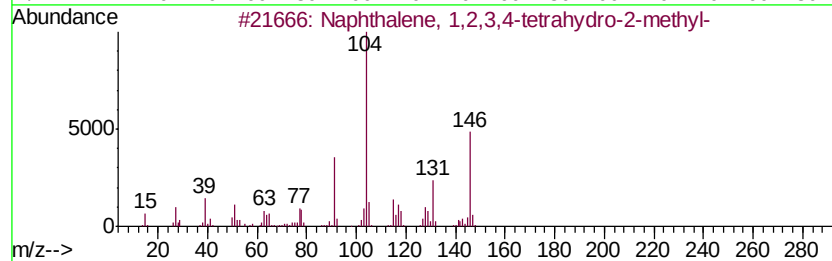
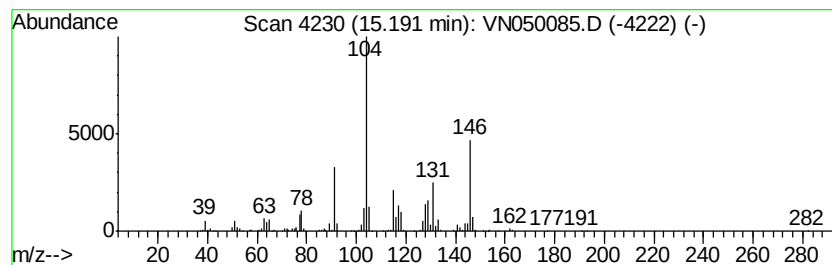
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	9.43 ug/l	452743	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	97
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
3		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
4		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	50
5		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050085.D
Acq On : 26 Jul 2018 16:26
Operator : MD\SY
Sample : J4142-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

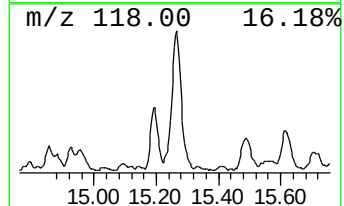
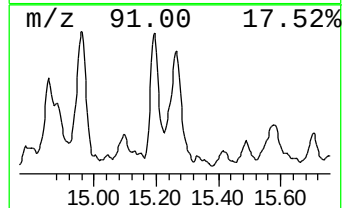
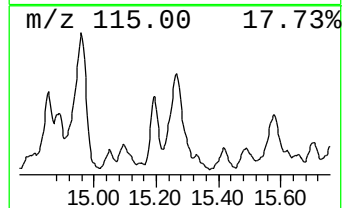
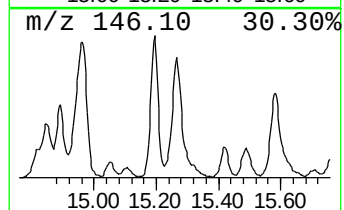
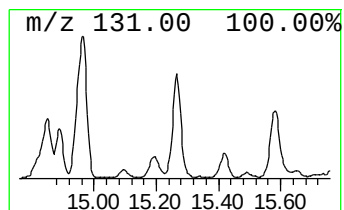
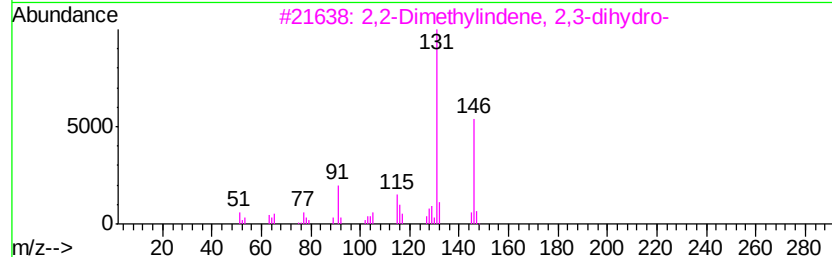
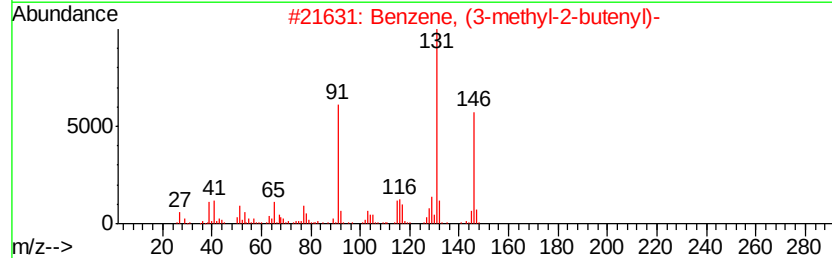
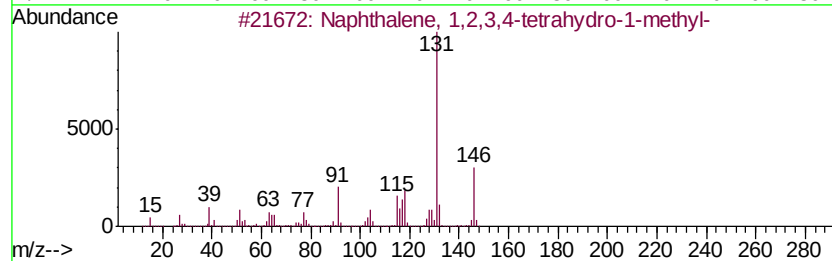
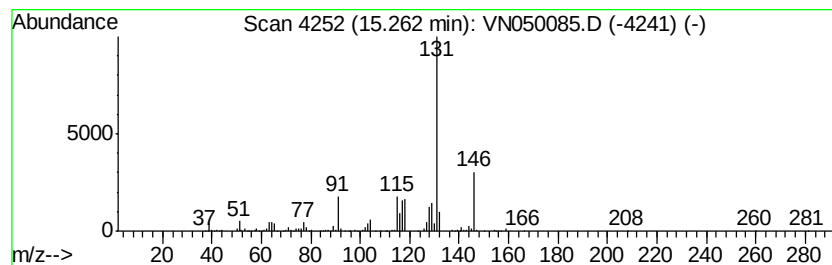
Instrument :
MSVOA_N
ClientSampleId :
MW-5

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	16.83 ug/l	808208	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 94
2		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 93
3		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 90
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2 90
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050085.D
Acq On : 26 Jul 2018 16:26
Operator : MD\SY
Sample : J4142-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

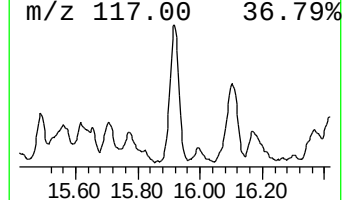
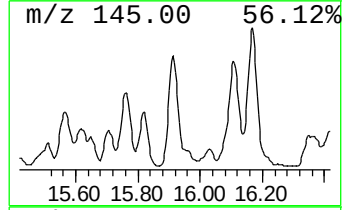
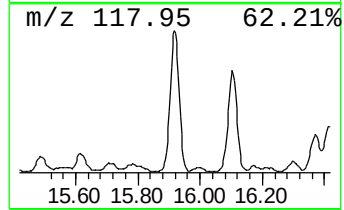
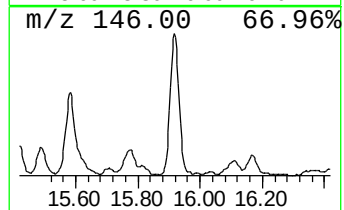
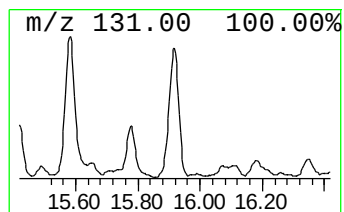
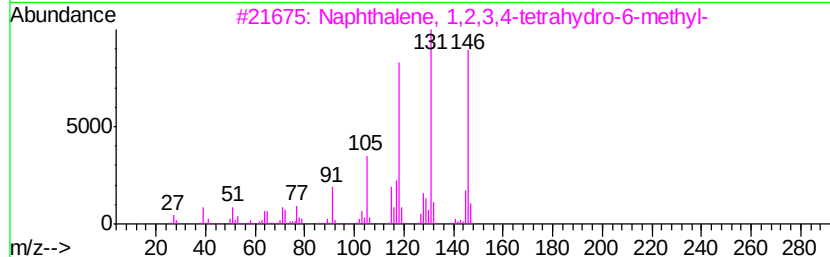
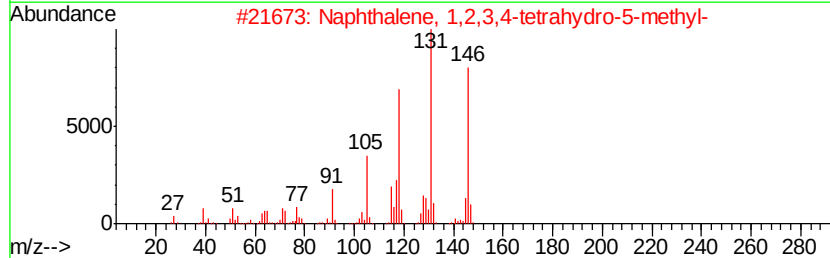
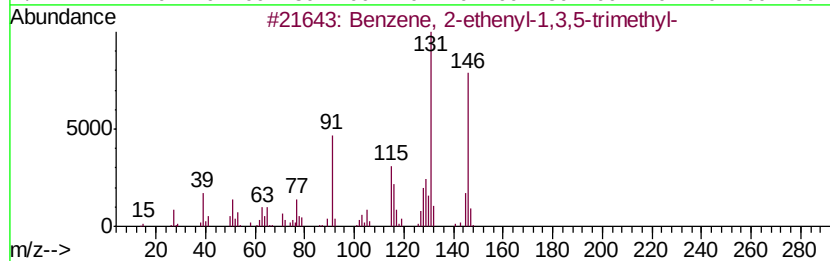
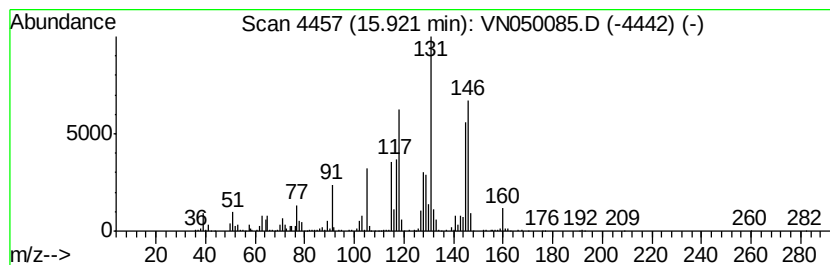
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.92	16.62 ug/l	798127	1,4-Dichlorobenzene-d4	13.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
2	Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	002809-64-5	76
3	Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001680-51-9	76
4	Naphthalene, 1,2,3,4-tetrahydro-	160	C12H16	004175-54-6	50
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050085.D
Acq On : 26 Jul 2018 16:26
Operator : MD\SY
Sample : J4142-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

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	8.25	10.3	ug/l	512691	2	8.59	2489050	50.0
Benzene, 1,2-diet...	13.67	9.7	ug/l	463405	4	13.35	2401270	50.0
Benzene, 2-ethyl-...	13.89	11.1	ug/l	534791	4	13.35	2401270	50.0
Benzene, 2-butenyl-	13.99	18.5	ug/l	888243	4	13.35	2401270	50.0
o-Cymene	14.58	10.7	ug/l	511601	4	13.35	2401270	50.0
1H-Indene, 2,3-di...	14.96	21.5	ug/l	1031180	4	13.35	2401270	50.0
Naphthalene, 1,2,...	15.19	9.4	ug/l	452743	4	13.35	2401270	50.0
Naphthalene, 1,2,...	15.26	16.8	ug/l	808208	4	13.35	2401270	50.0
Benzene, 2-etheny...	15.92	16.6	ug/l	798127	4	13.35	2401270	50.0