

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050084.D
 Acq On : 26 Jul 2018 16:01
 Operator : MD\SY
 Sample : J4142-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

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	51	rBV	2999318	4697556	100.00%	13.520%
2	4.082	752	775	791	rBV2	14946	48558	1.03%	0.140%
3	7.596	1845	1868	1879	rBV	511730	1281111	27.27%	3.687%
4	7.670	1879	1891	1911	rVB	703550	1655261	35.24%	4.764%
5	8.030	1985	2003	2030	rBV2	517838	1219822	25.97%	3.511%
6	8.272	2042	2078	2080	rBV3	117651	516558	11.00%	1.487%
7	8.590	2161	2177	2216	rVB	1084179	2286564	48.68%	6.581%
8	10.095	2629	2645	2673	rBV	1907367	3526947	75.08%	10.151%
9	10.435	2739	2751	2762	rVB3	37561	69205	1.47%	0.199%
10	10.532	2767	2781	2792	rBV6	23331	49197	1.05%	0.142%
11	11.008	2919	2929	2940	rBV2	47948	81058	1.73%	0.233%
12	11.410	3040	3054	3073	rBV	1395652	2441162	51.97%	7.026%
13	11.657	3120	3131	3154	rVB10	38211	125943	2.68%	0.362%
14	11.924	3200	3214	3224	rBV7	50711	126923	2.70%	0.365%
15	12.123	3267	3276	3283	rBV2	55001	86561	1.84%	0.249%
16	12.252	3309	3316	3326	rVB	31620	52746	1.12%	0.152%
17	12.403	3350	3363	3377	rBV	1215781	2042193	43.47%	5.878%
18	12.474	3377	3385	3397	rVB5	34270	71049	1.51%	0.204%
19	12.564	3405	3413	3429	rVB5	78439	184452	3.93%	0.531%
20	12.725	3453	3463	3475	rVB10	37992	85908	1.83%	0.247%
21	12.963	3530	3537	3552	rVB6	58323	109493	2.33%	0.315%
22	13.172	3595	3602	3609	rBV3	37851	57033	1.21%	0.164%
23	13.345	3644	3656	3670	rBV	1232593	2062425	43.90%	5.936%
24	13.445	3680	3687	3695	rBV	63889	101901	2.17%	0.293%
25	13.512	3700	3708	3715	rBV	183752	291058	6.20%	0.838%
26	13.596	3728	3734	3745	rVB4	37281	62304	1.33%	0.179%
27	13.673	3746	3758	3770	rBV4	341967	622062	13.24%	1.790%
28	13.892	3816	3826	3835	rVB	428729	647606	13.79%	1.864%
29	13.947	3836	3843	3847	rBV3	38943	59969	1.28%	0.173%
30	13.995	3848	3858	3868	rVV3	536776	972479	20.70%	2.799%
31	14.049	3868	3875	3890	rVB8	104761	264938	5.64%	0.763%
32	14.181	3908	3916	3919	rBV6	111081	164481	3.50%	0.473%
33	14.213	3921	3926	3932	rVB2	154497	206603	4.40%	0.595%
34	14.297	3945	3952	3959	rBV	213409	310033	6.60%	0.892%

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Integration Parameters: RTEINT.P

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Sampling : 1
Start Thrs: 0.2
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35	14.365	3968	3973	3981	rVB	112410	146184	3.11%	0.421%
36	14.416	3981	3989	4002	rVB3	291737	560062	11.92%	1.612%
37	14.483	4002	4010	4016	rBV5	98327	171598	3.65%	0.494%
38	14.525	4017	4023	4032	rVB2	258073	364589	7.76%	1.049%
39	14.586	4032	4042	4055	rBV2	726755	1269443	27.02%	3.654%
40	14.657	4056	4064	4073	rBV6	140502	281422	5.99%	0.810%
41	14.783	4096	4103	4109	rBV3	95387	165776	3.53%	0.477%
42	14.856	4117	4126	4131	rBV3	294013	503903	10.73%	1.450%
43	14.959	4149	4158	4177	rVB3	452646	993972	21.16%	2.861%
44	15.094	4194	4200	4222	rVB6	155858	396444	8.44%	1.141%
45	15.194	4222	4231	4238	rBV	227783	379150	8.07%	1.091%
46	15.262	4242	4252	4269	rVB5	257206	797946	16.99%	2.297%
47	15.416	4290	4300	4312	rBV6	74221	195000	4.15%	0.561%
48	15.702	4383	4389	4399	rVB3	111391	178790	3.81%	0.515%
49	15.918	4442	4456	4468	rBV3	421414	875747	18.64%	2.520%
50	16.104	4505	4514	4525	rVB3	173410	336197	7.16%	0.968%
51	16.168	4526	4534	4544	rBV3	102054	184824	3.93%	0.532%
52	16.358	4581	4593	4604	rBV7	139692	363600	7.74%	1.046%

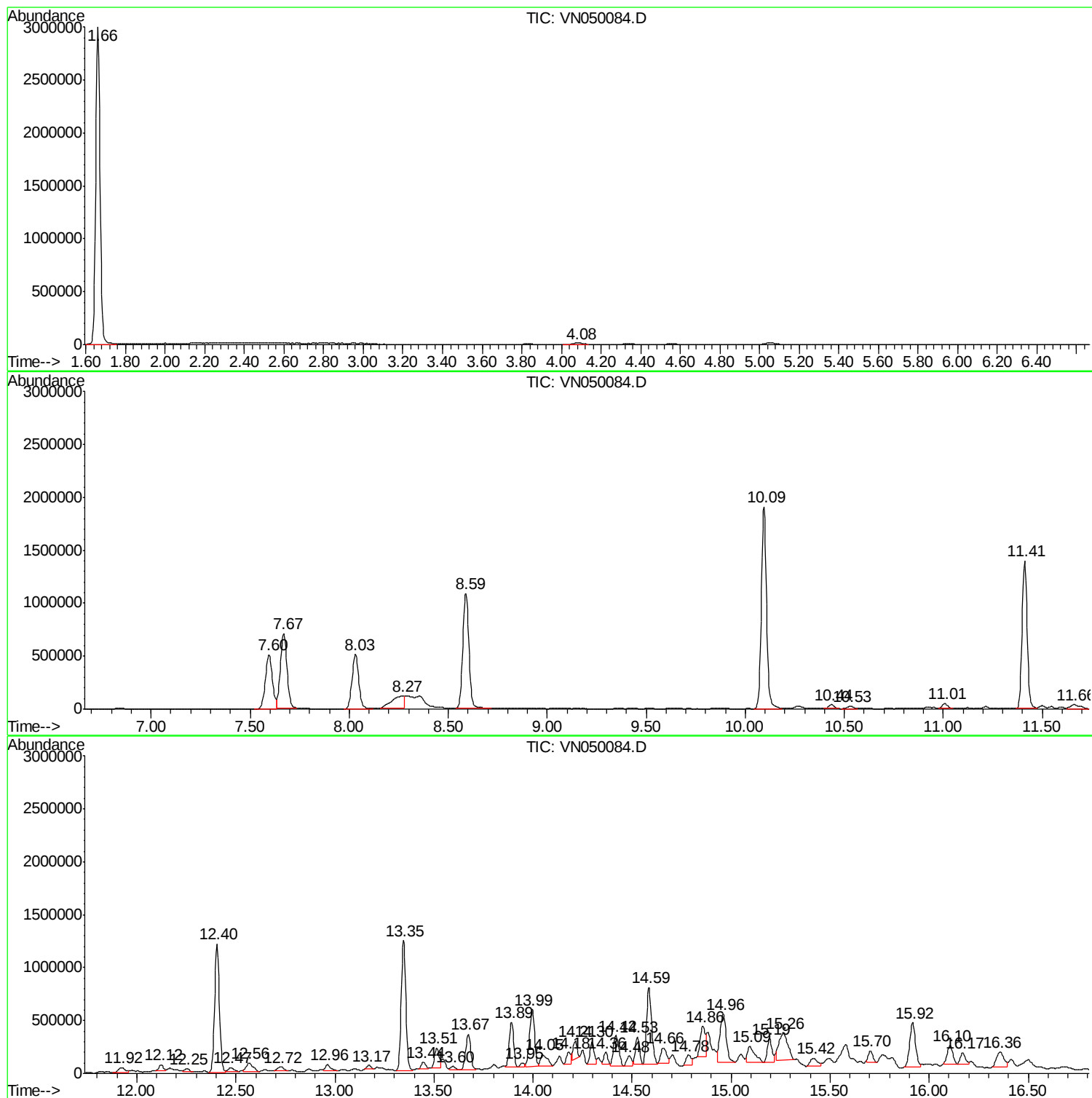
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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



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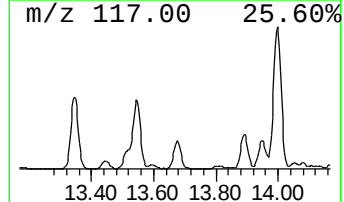
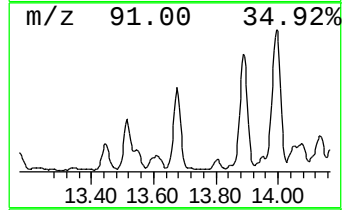
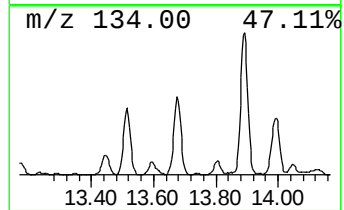
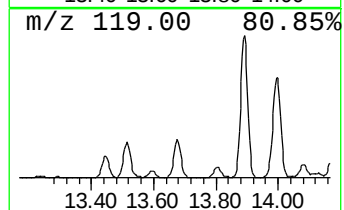
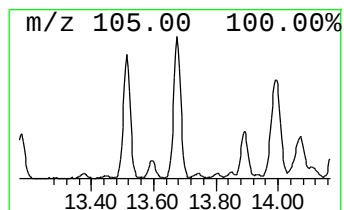
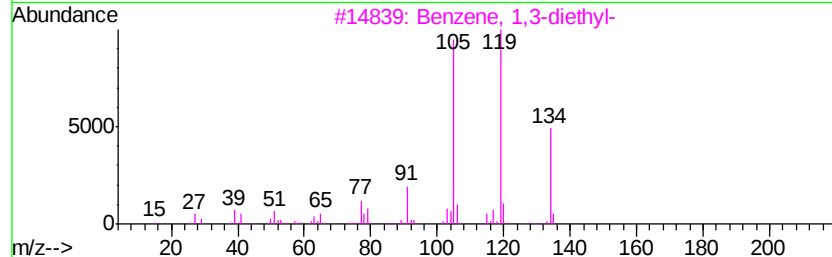
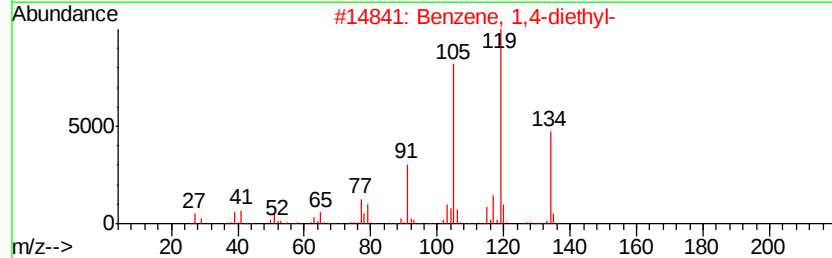
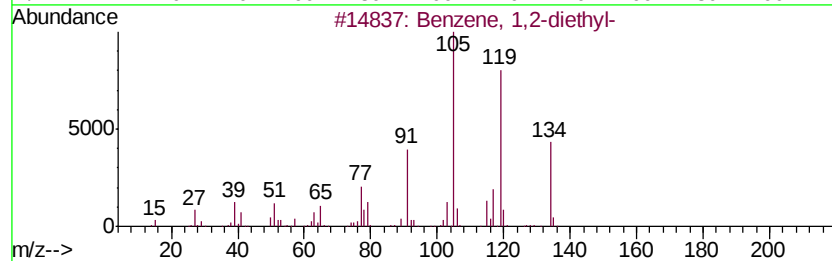
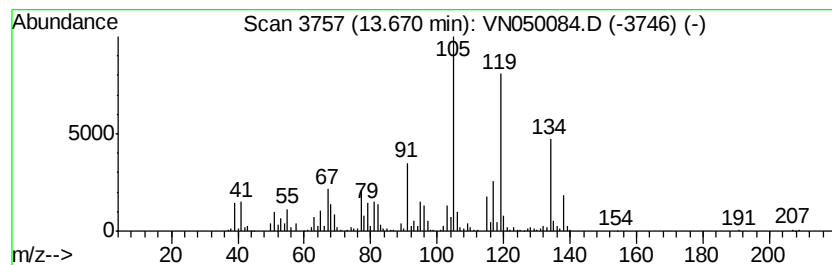
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	15.08 ug/l	622062	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	76
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	53
5		Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	50



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-4

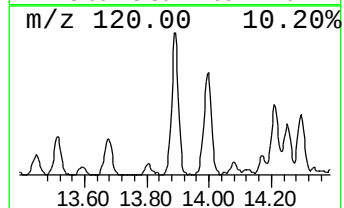
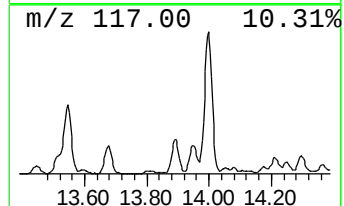
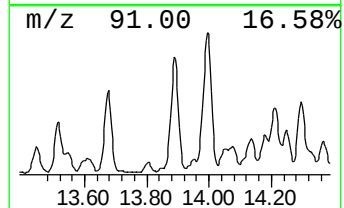
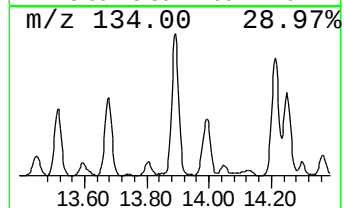
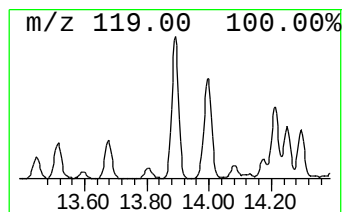
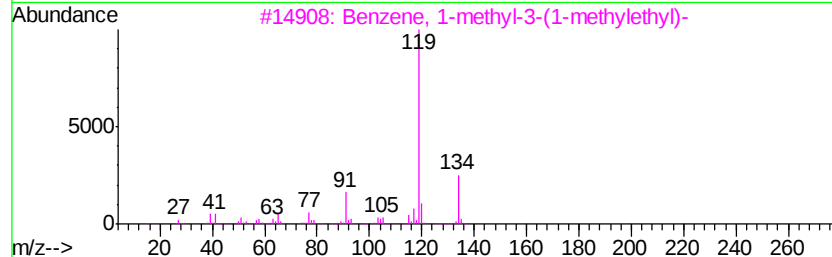
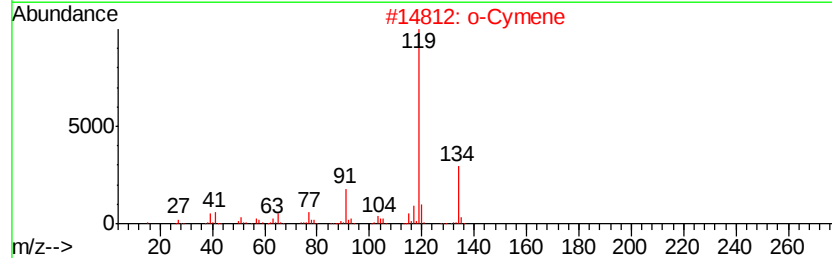
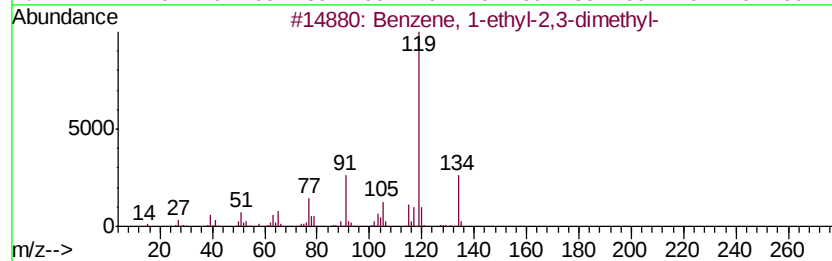
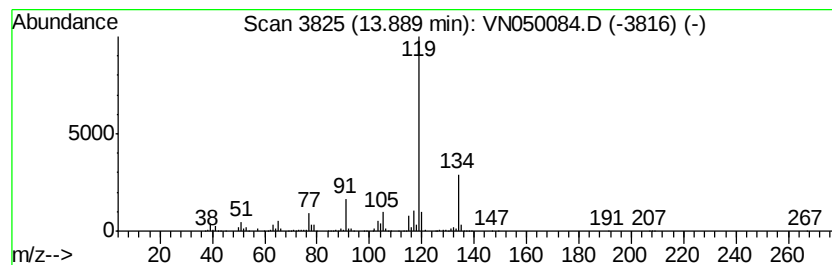
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	15.70 ug/l	647606	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
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Sample : J4142-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

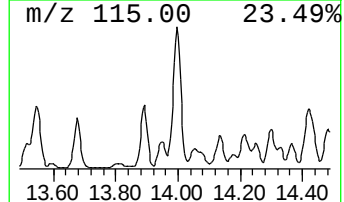
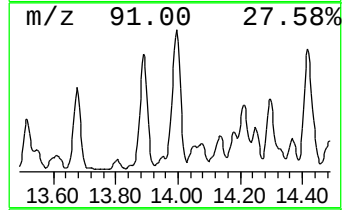
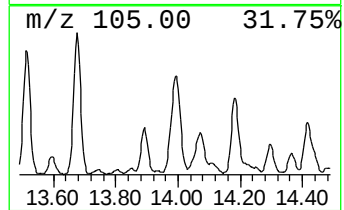
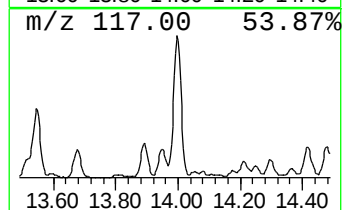
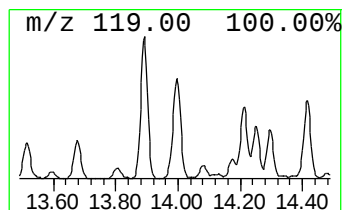
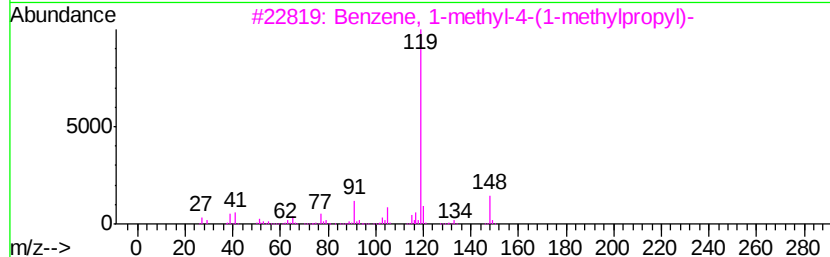
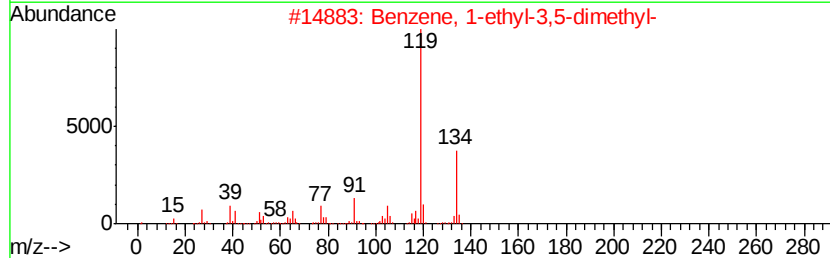
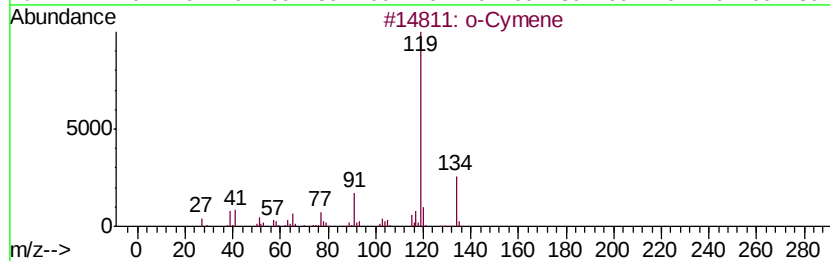
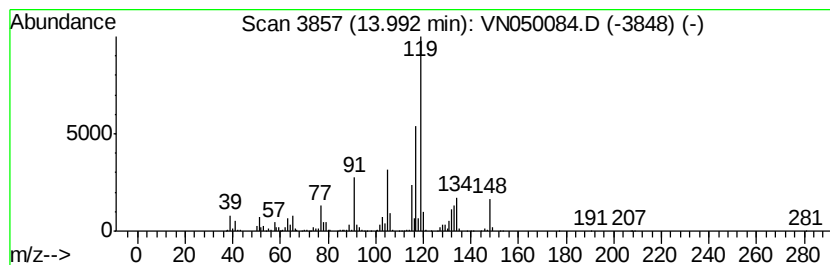
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Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	23.58 ug/l	972479	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	50
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampled :
MW-4

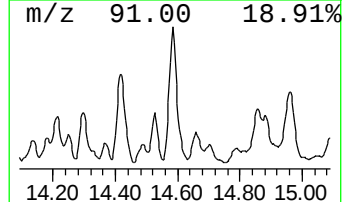
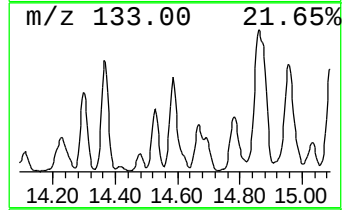
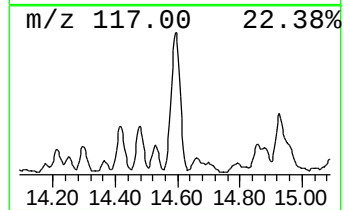
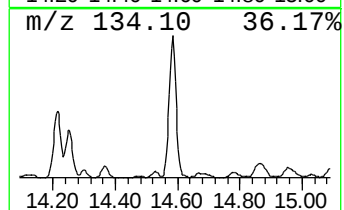
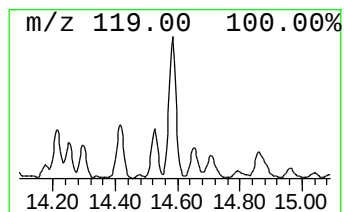
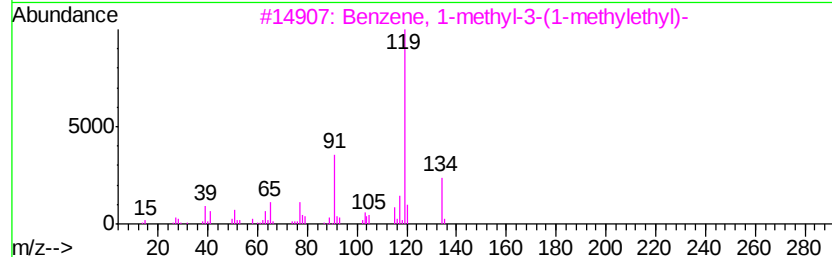
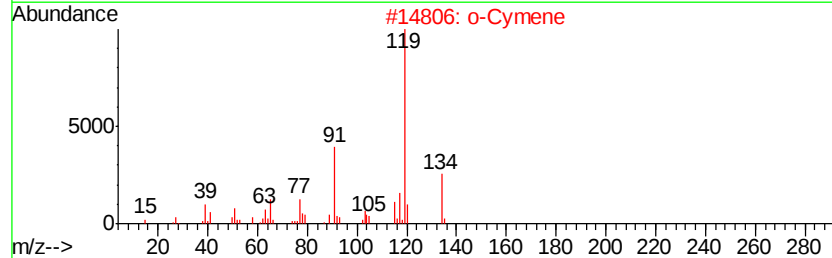
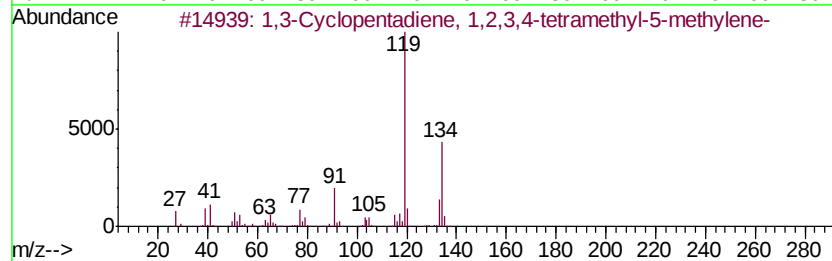
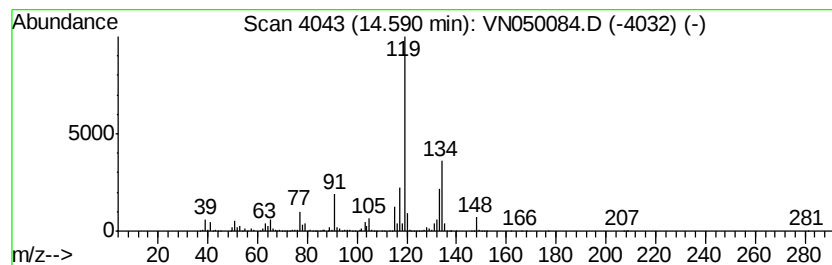
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	30.78 ug/l	1269440	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
2		o-Cymene	134	C10H14	000527-84-4	81
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



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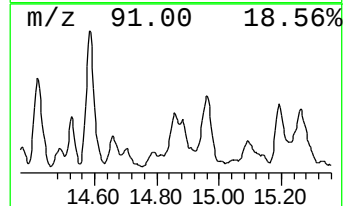
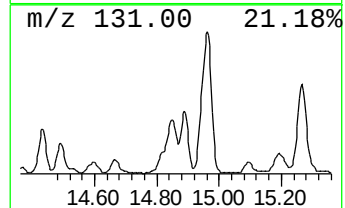
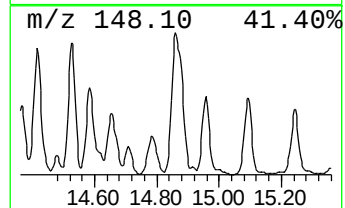
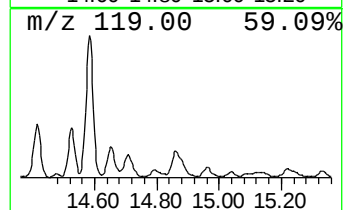
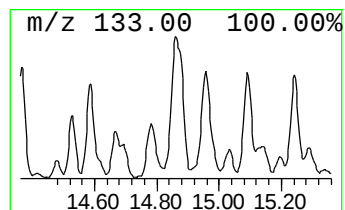
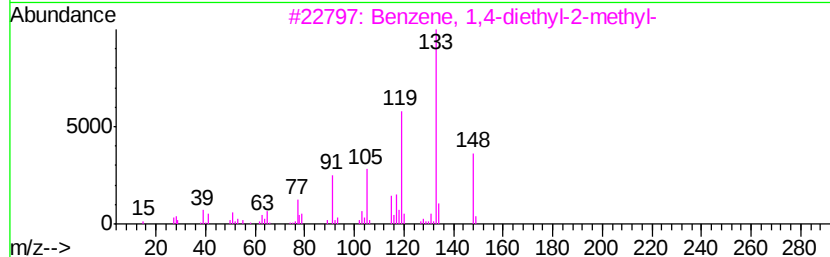
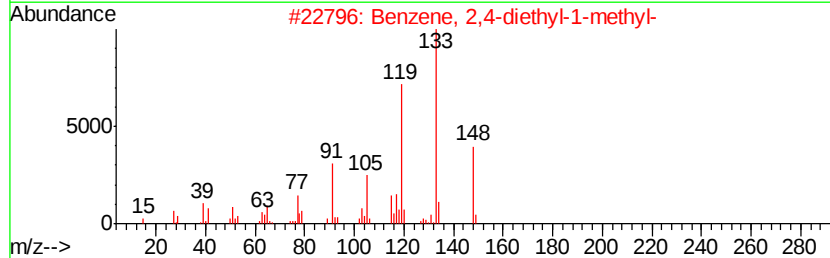
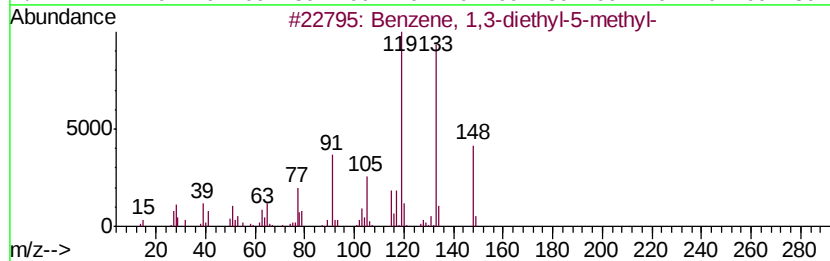
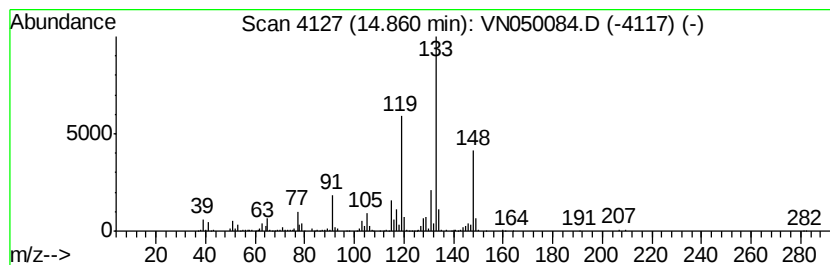
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	12.22 ug/l	503903	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	87
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	83
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050084.D
Acq On : 26 Jul 2018 16:01
Operator : MD\SY
Sample : J4142-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

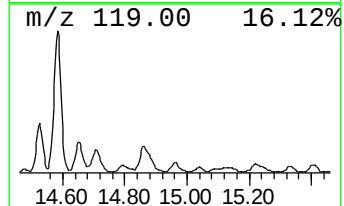
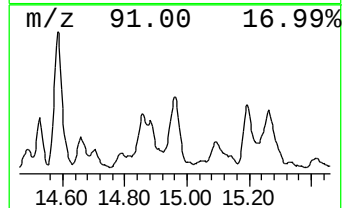
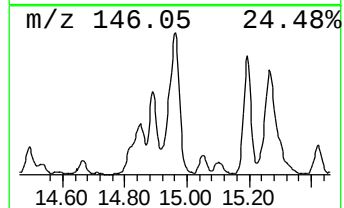
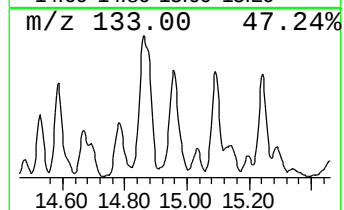
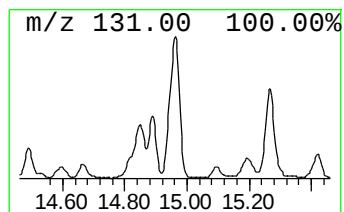
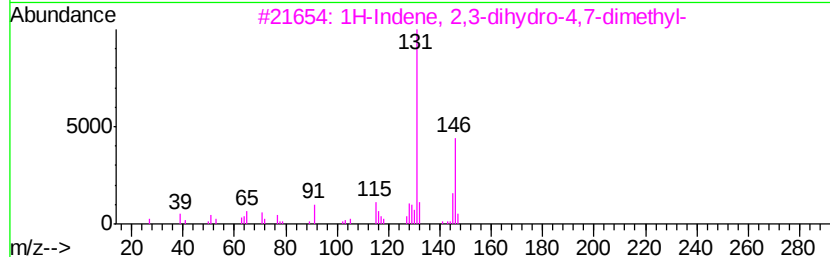
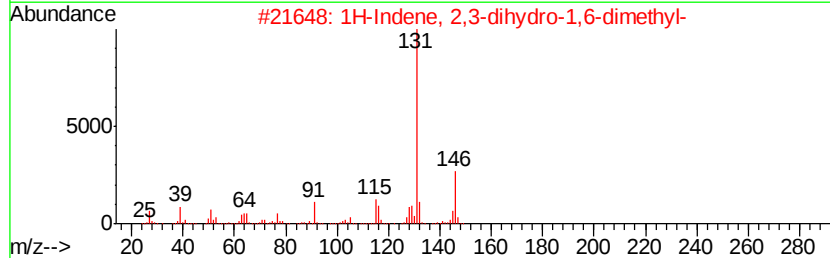
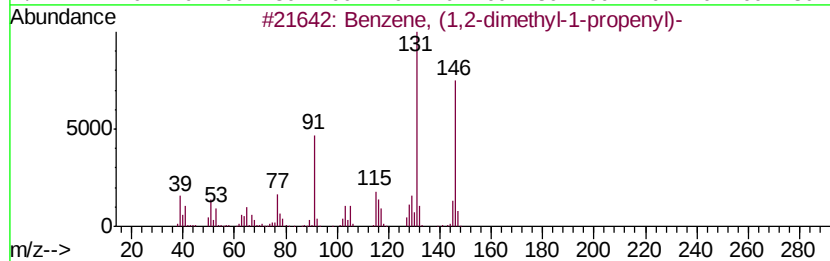
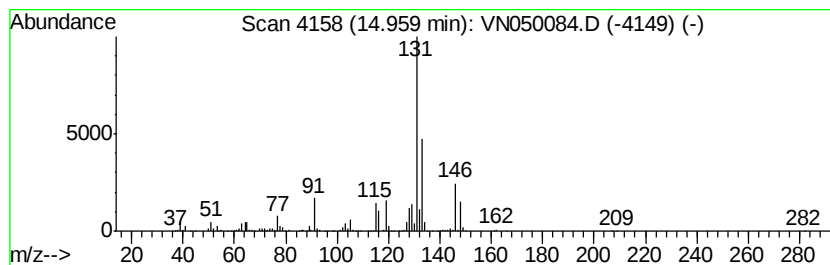
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	24.10 ug/l	993972	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050084.D
Acq On : 26 Jul 2018 16:01
Operator : MD\SY
Sample : J4142-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

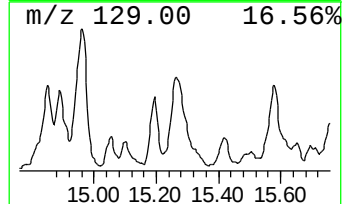
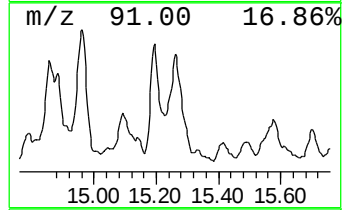
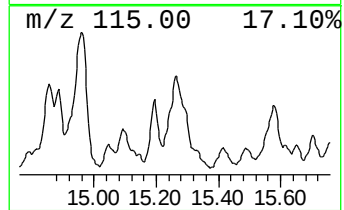
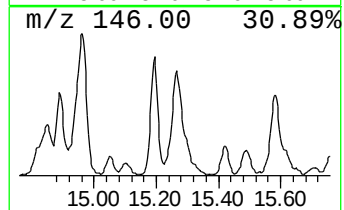
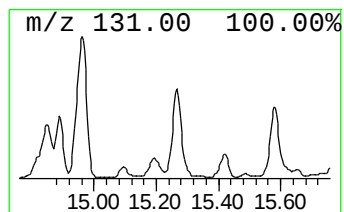
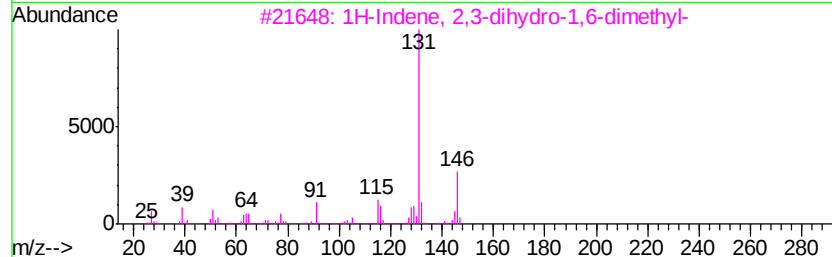
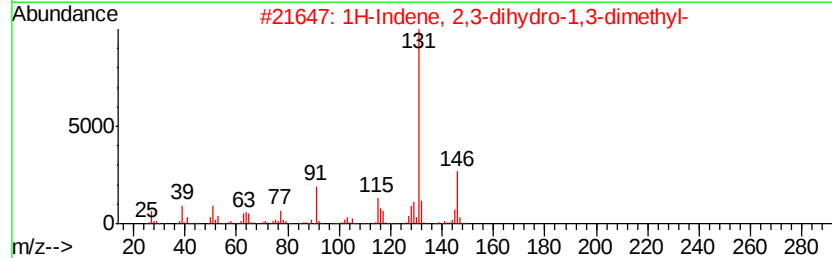
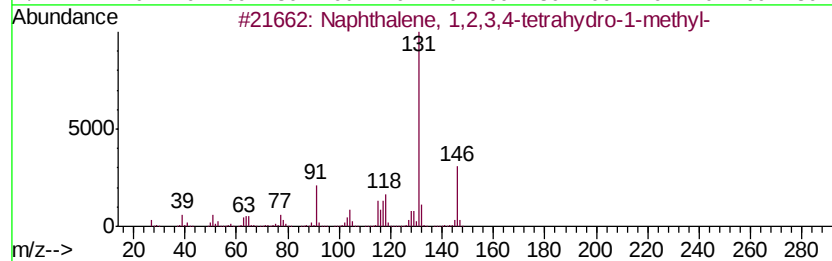
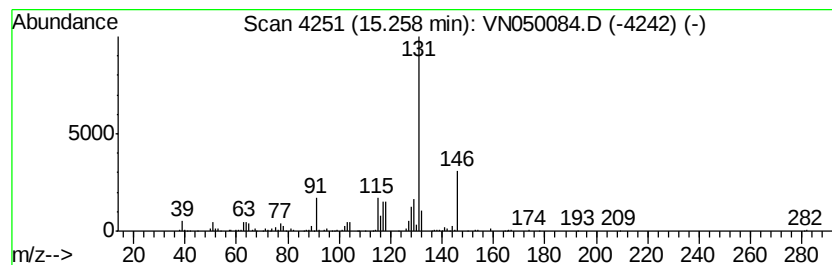
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	19.34 ug/l	797946	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		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050084.D
Acq On : 26 Jul 2018 16:01
Operator : MD\SY
Sample : J4142-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

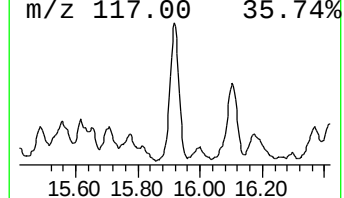
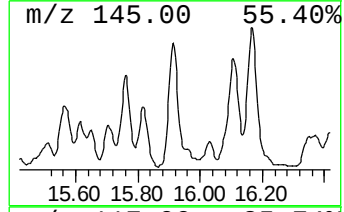
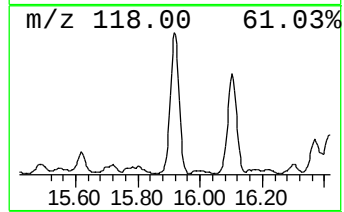
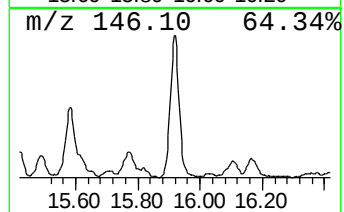
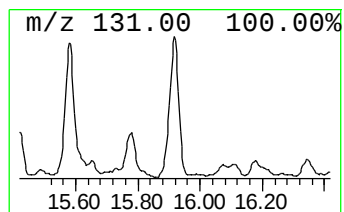
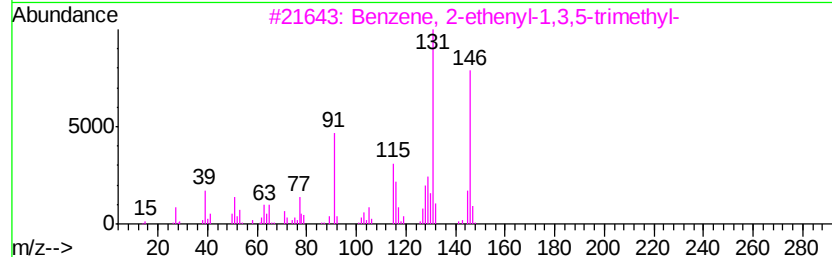
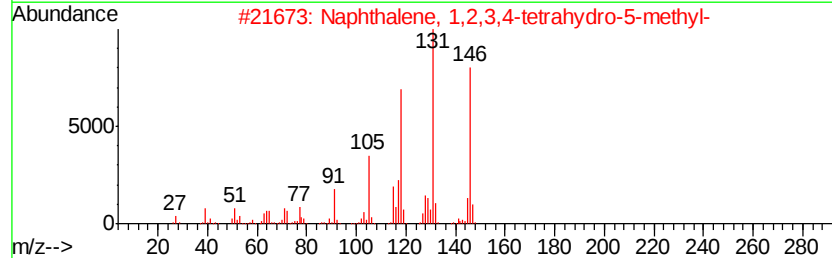
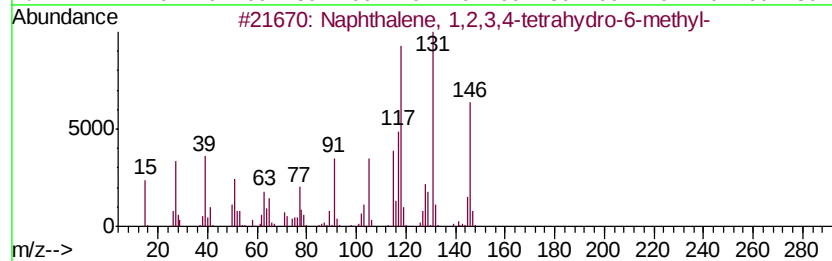
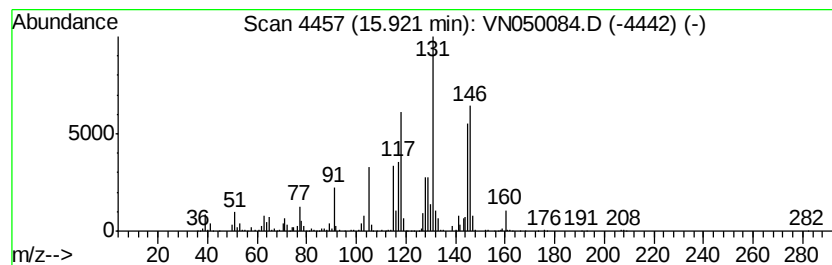
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	21.23 ug/l	875747	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	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
4		2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	58
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050084.D
Acq On : 26 Jul 2018 16:01
Operator : MD\SY
Sample : J4142-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

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
Benzene, 1,2-diet...	13.67	15.1	ug/l	622062	4	13.35	2062430	50.0
Benzene, 1-ethyl-...	13.89	15.7	ug/l	647606	4	13.35	2062430	50.0
o-Cymene	13.99	23.6	ug/l	972479	4	13.35	2062430	50.0
1,3-Cyclopentadie...	14.59	30.8	ug/l	1269440	4	13.35	2062430	50.0
Benzene, 1,3-diet...	14.86	12.2	ug/l	503903	4	13.35	2062430	50.0
Benzene, (1,2-dim...	14.96	24.1	ug/l	993972	4	13.35	2062430	50.0
Naphthalene, 1,2,...	15.26	19.3	ug/l	797946	4	13.35	2062430	50.0
Naphthalene, 1,2,...	15.92	21.2	ug/l	875747	4	13.35	2062430	50.0