

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054346.D
 Acq On : 16 Mar 2019 19:30
 Operator : JC/SP
 Sample : K1960-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-031519

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\82N031219W.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	3.822	621	637	662	rBV2	513383	1326441	17.74%	2.467%
2	4.085	706	719	735	rVB2	71795	200324	2.68%	0.373%
3	5.053	992	1020	1046	rBV2	275305	1015410	13.58%	1.888%
4	7.590	1792	1809	1820	rBV	1010034	2501500	33.45%	4.652%
5	7.664	1820	1832	1888	rVB	1864922	4832025	64.61%	8.987%
6	8.027	1926	1945	1977	rBV	1009774	2446624	32.71%	4.550%
7	8.587	2103	2119	2164	rVB	2511014	5650764	75.56%	10.509%
8	10.091	2572	2587	2628	rBV	3677830	7478938	100.00%	13.909%
9	11.410	2979	2997	3018	rBV	3234350	5976098	79.91%	11.114%
10	12.249	3247	3258	3271	rVB	329154	540669	7.23%	1.006%
11	12.400	3291	3305	3324	rBV	2594678	4485622	59.98%	8.342%
12	12.593	3355	3365	3378	rVB	375555	654353	8.75%	1.217%
13	13.172	3531	3545	3555	rBV4	179561	359488	4.81%	0.669%
14	13.342	3586	3598	3621	rVB	2601409	4523835	60.49%	8.413%
15	13.442	3621	3629	3640	rVV	93108	151199	2.02%	0.281%
16	13.512	3640	3651	3653	rVV2	261654	345380	4.62%	0.642%
17	13.545	3654	3661	3671	rVV	857877	1418612	18.97%	2.638%
18	13.593	3672	3676	3690	rVV4	82063	167794	2.24%	0.312%
19	13.673	3690	3701	3712	rVB	182361	308581	4.13%	0.574%
20	13.889	3757	3768	3777	rBV	578922	900149	12.04%	1.674%
21	13.947	3777	3786	3792	rVV	199391	313843	4.20%	0.584%
22	13.995	3792	3801	3811	rVB2	750859	1248511	16.69%	2.322%
23	14.130	3835	3843	3852	rBV	96782	146476	1.96%	0.272%
24	14.210	3852	3868	3885	rVB	502270	897555	12.00%	1.669%
25	14.429	3925	3936	3943	rVV4	66934	139464	1.86%	0.259%
26	14.477	3943	3951	3961	rVV3	139220	242834	3.25%	0.452%
27	14.590	3973	3986	3999	rBV4	1138202	2345119	31.36%	4.361%
28	14.654	4000	4006	4017	rVB5	53446	90154	1.21%	0.168%
29	14.741	4024	4033	4044	rVB	289294	445993	5.96%	0.829%
30	14.850	4059	4067	4073	rBV4	140855	228018	3.05%	0.424%
31	14.885	4074	4078	4086	rVV	101115	146944	1.96%	0.273%
32	14.953	4090	4099	4110	rVB3	216894	463622	6.20%	0.862%
33	15.133	4147	4155	4164	rVV	154128	256397	3.43%	0.477%
34	15.191	4165	4173	4180	rVV	82563	135043	1.81%	0.251%

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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

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

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Title : SW846 8260

35	15.258	4181	4194	4219	rVB6	122158	434359	5.81%	0.808%
36	15.487	4258	4265	4275	rVB9	43782	81427	1.09%	0.151%
37	15.577	4285	4293	4298	rBV3	60867	102257	1.37%	0.190%
38	15.911	4385	4397	4412	rBV	192801	378897	5.07%	0.705%
39	16.348	4520	4533	4548	rBV2	167819	389028	5.20%	0.724%

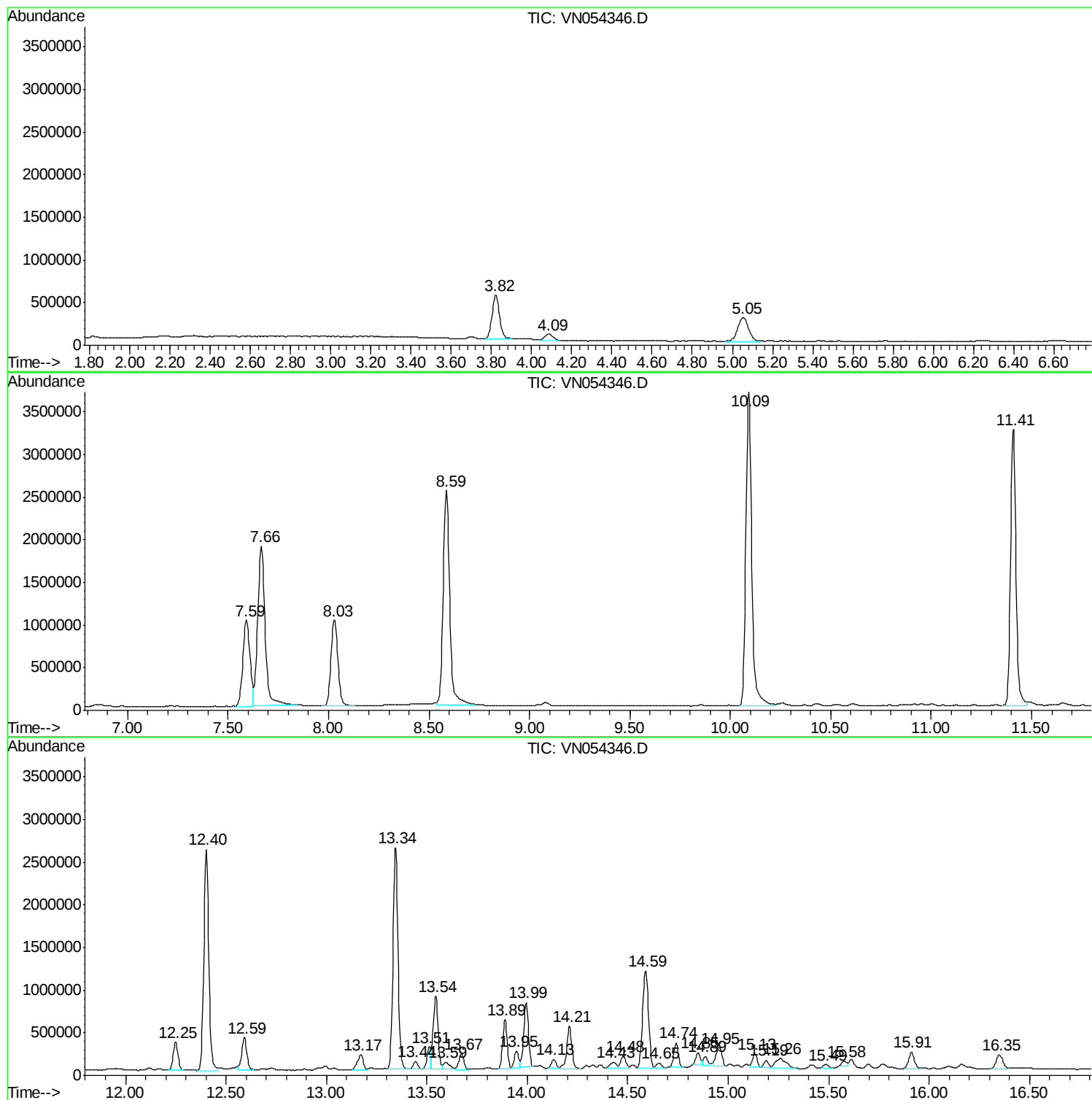
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

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



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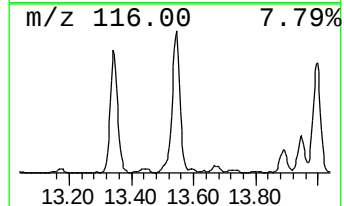
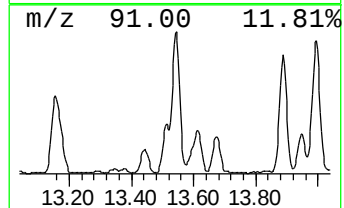
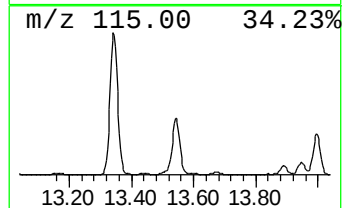
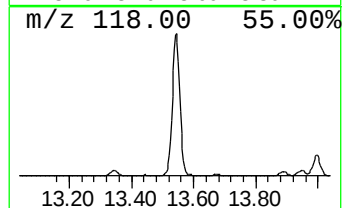
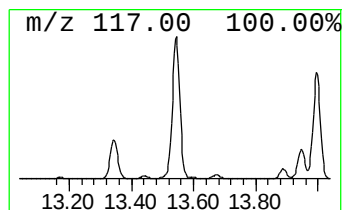
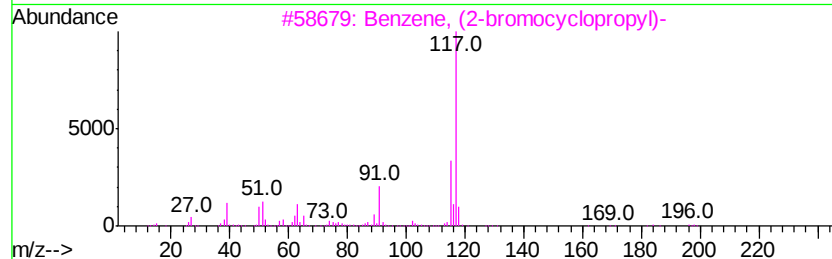
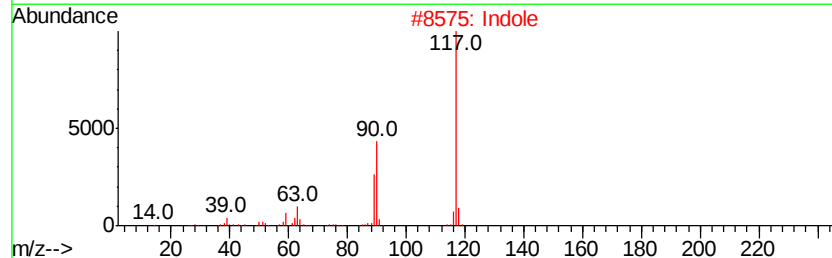
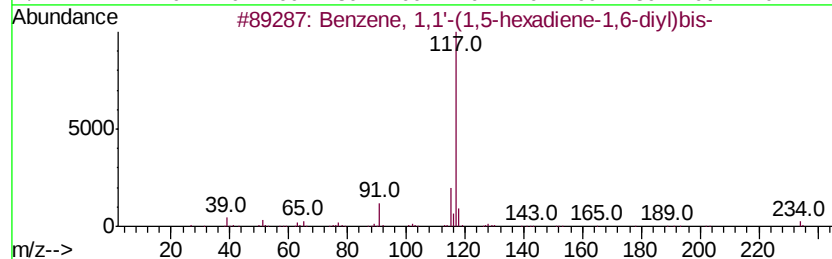
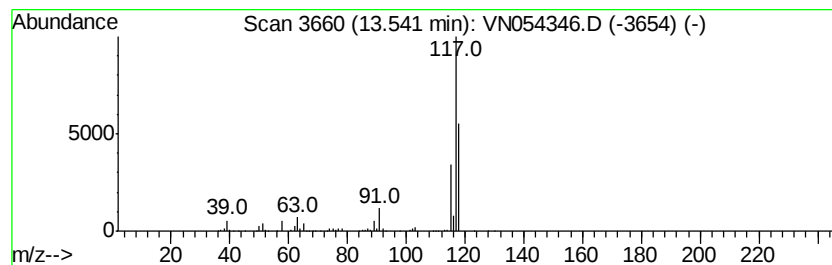
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Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	15.68 ug/l	1418610	1,4-Dichlorobenzene-d4	13.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
2		Indole	117	C8H7N	000120-72-9	46
3		Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
4		trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
5		Benzyl nitrile	117	C8H7N	000140-29-4	37



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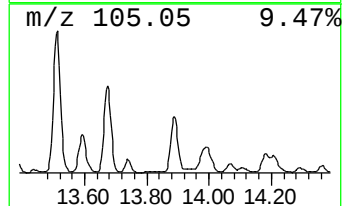
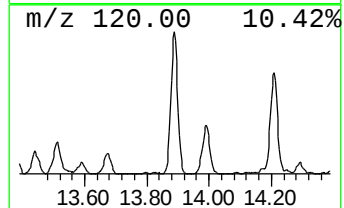
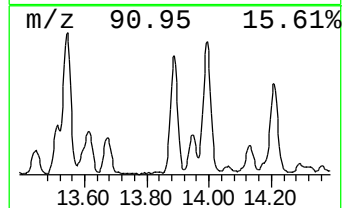
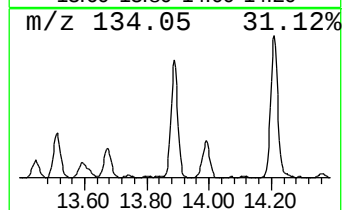
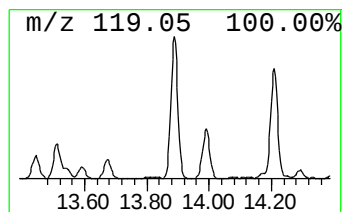
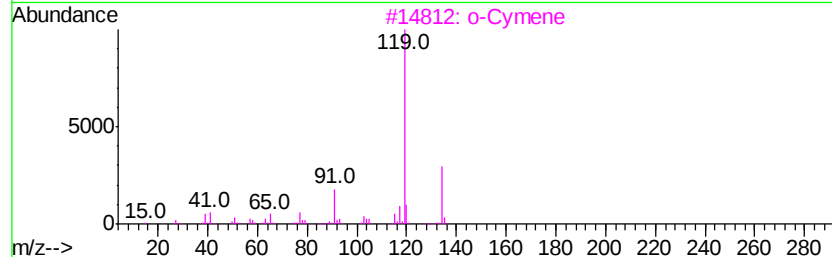
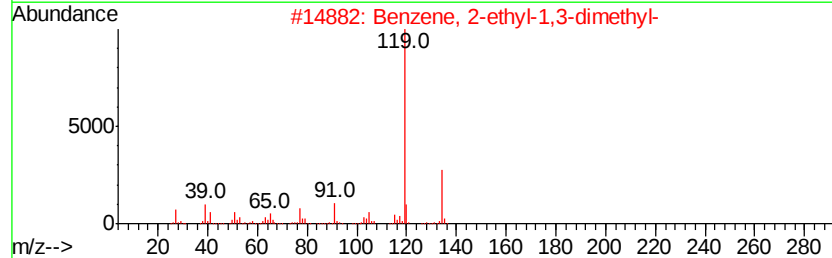
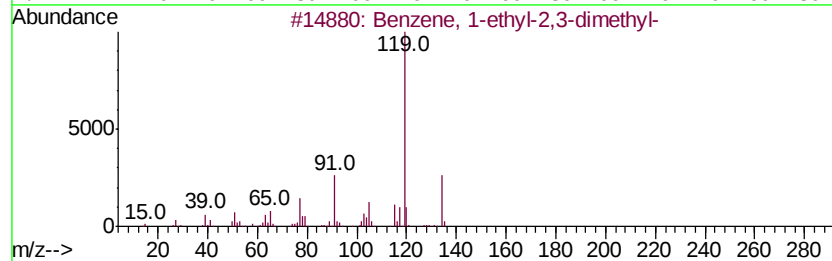
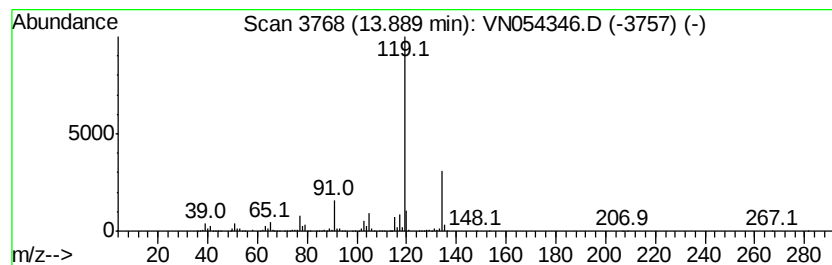
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Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.89	9.95 ug/l	900149	1,4-Dichlorobenzene-d4	13.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14		000933-98-2	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14		002870-04-4	95
3	o-Cymene	134	C10H14		000527-84-4	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14		001758-88-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14		000535-77-3	94



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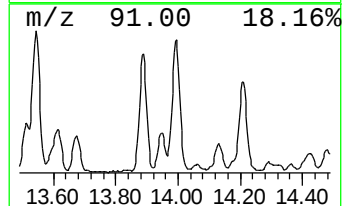
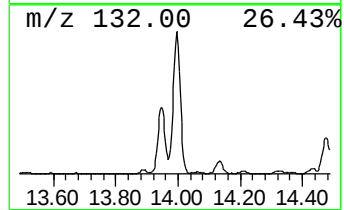
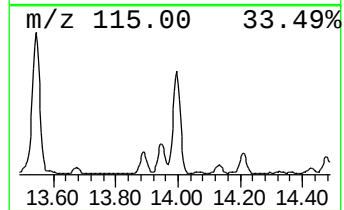
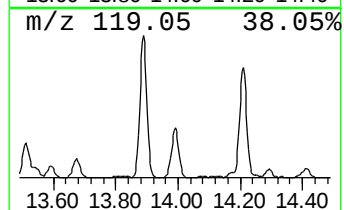
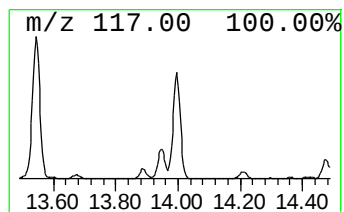
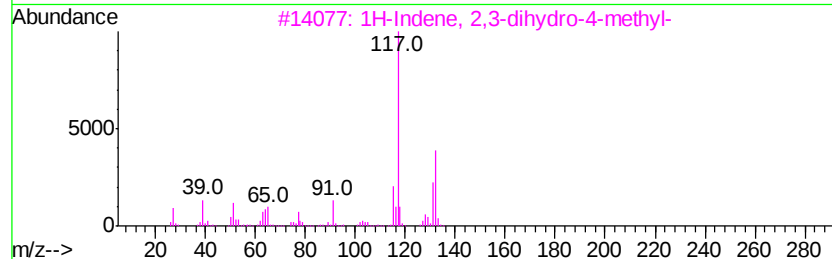
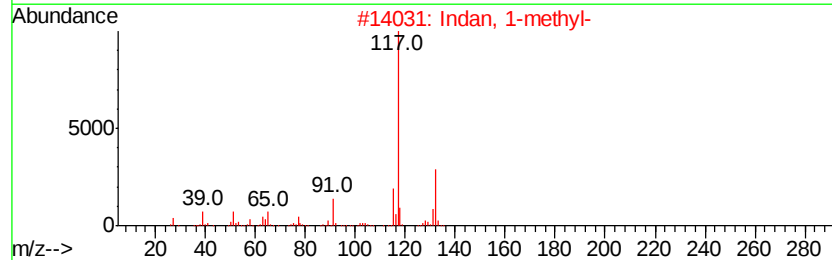
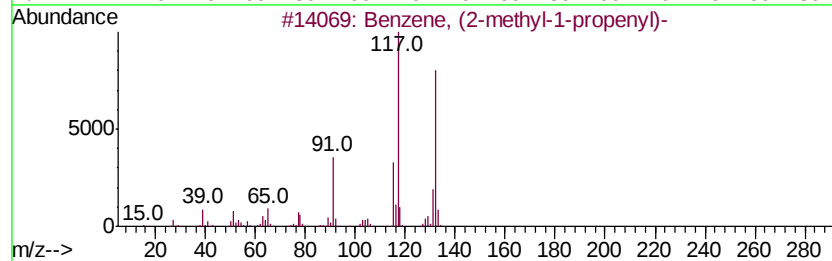
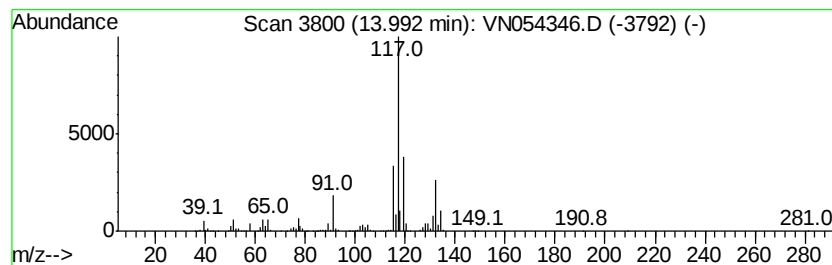
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, (2-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	13.80 ug/l	1248510	1,4-Dichlorobenzene-d4	13.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
2		Indan, 1-methyl-	132	C10H12	000767-58-8	76
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	64
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62



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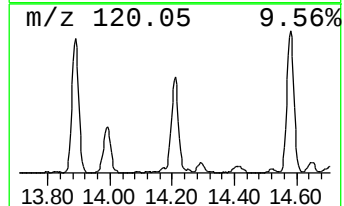
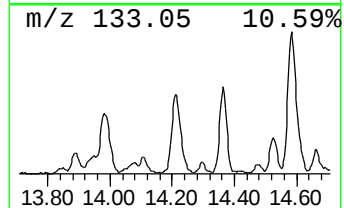
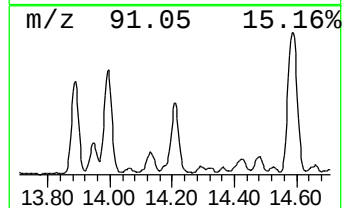
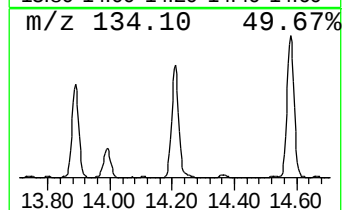
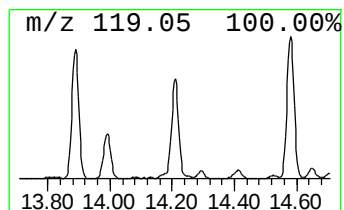
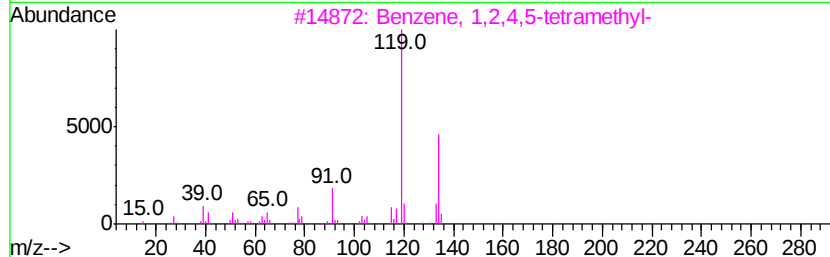
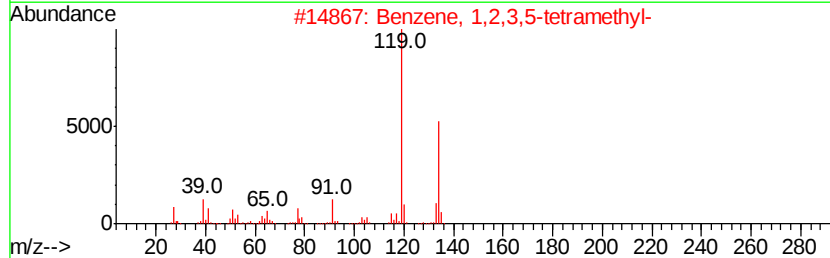
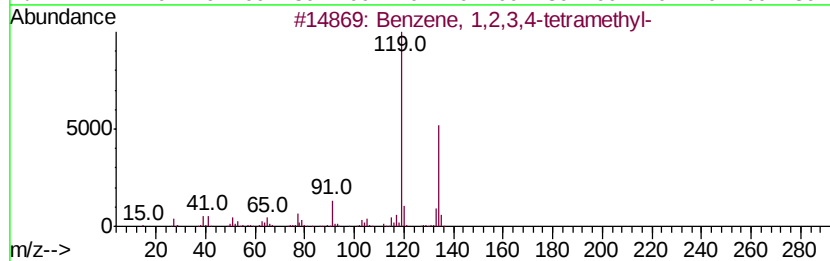
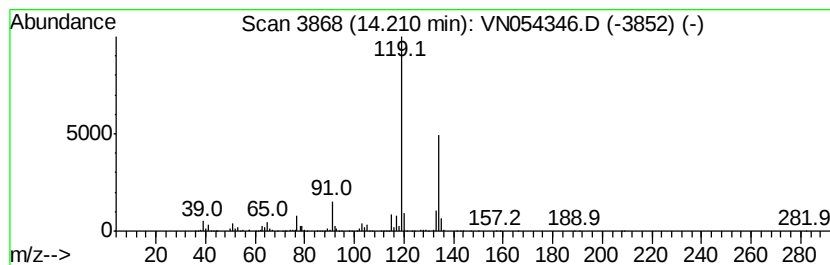
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	9.92 ug/l	897555	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5		o-Cymene	134	C10H14	000527-84-4	94



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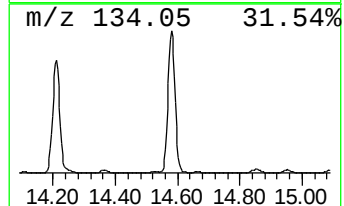
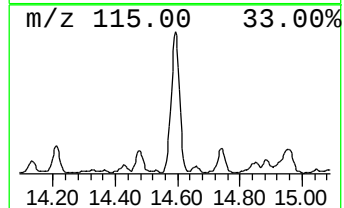
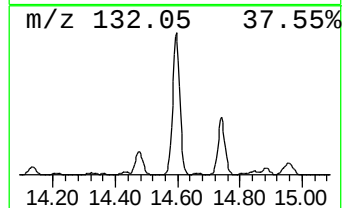
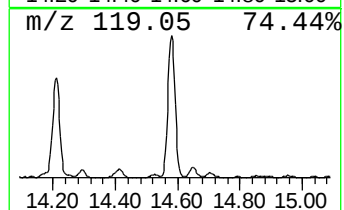
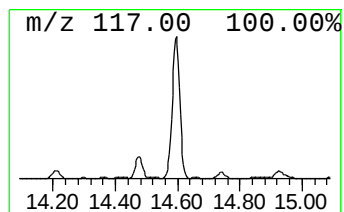
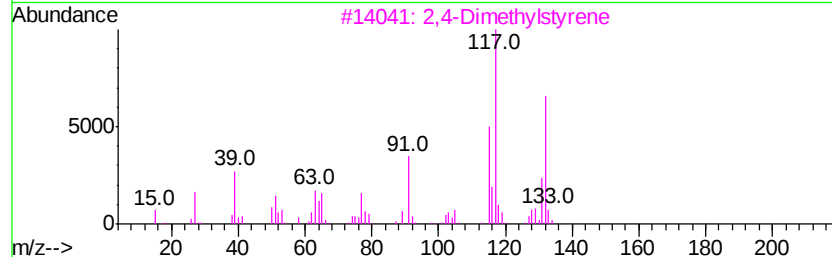
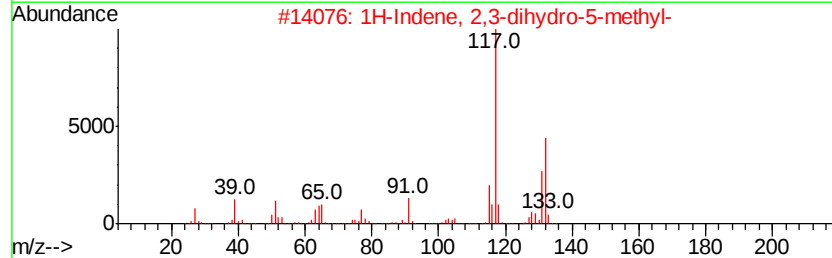
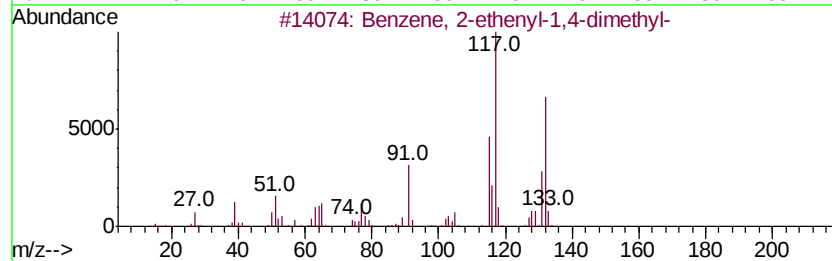
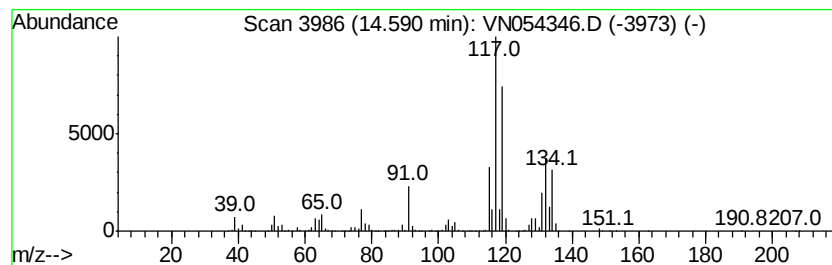
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	25.92 ug/l	2345120	1,4-Dichlorobenzene-d4	13.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	78
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	60



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054346.D
Acq On : 16 Mar 2019 19:30
Operator : JC/SP
Sample : K1960-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-031519

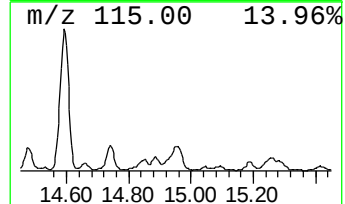
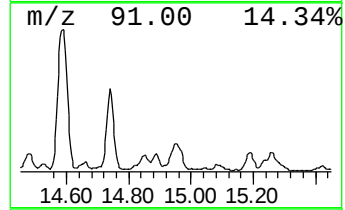
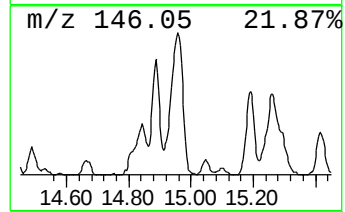
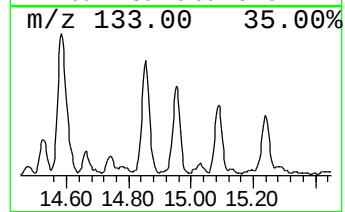
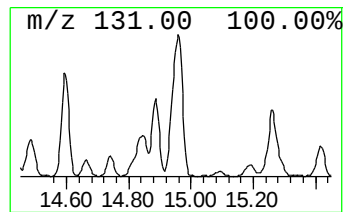
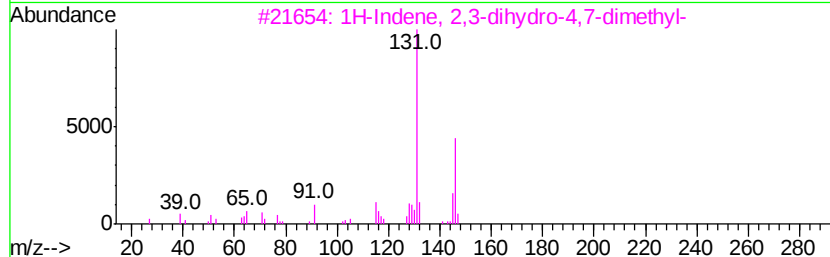
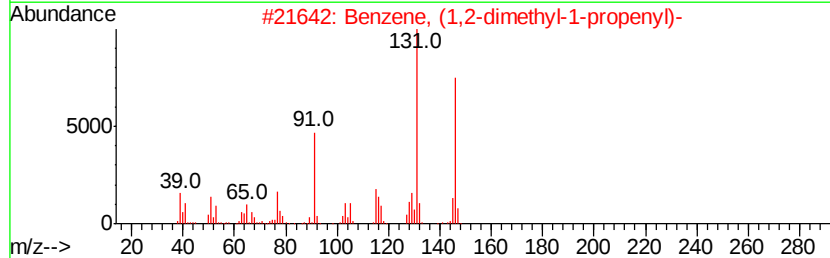
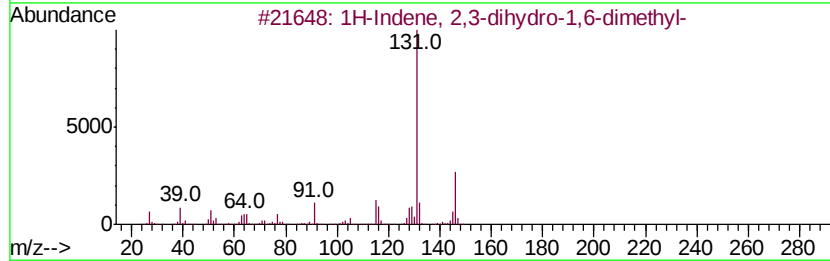
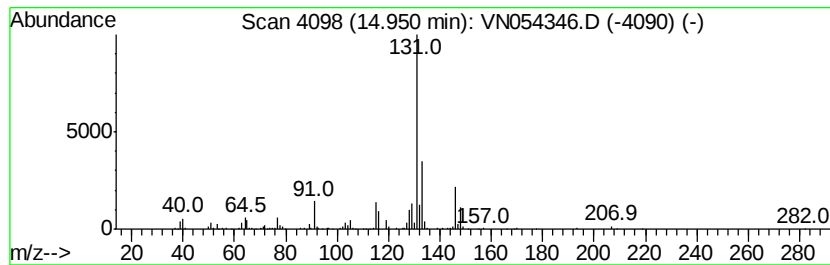
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	5.12 ug/l	463622	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054346.D
Acq On : 16 Mar 2019 19:30
Operator : JC/SP
Sample : K1960-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-031519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.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, 1,1'-(1,...	13.54	15.7	ug/l	1418610	4	13.35	4523840	50.0
Benzene, 1-ethyl-...	13.89	9.9	ug/l	900149	4	13.35	4523840	50.0
Benzene, (2-methy...	13.99	13.8	ug/l	1248510	4	13.35	4523840	50.0
Benzene, 1,2,3,4-...	14.21	9.9	ug/l	897555	4	13.35	4523840	50.0
Benzene, 2-etheny...	14.59	25.9	ug/l	2345120	4	13.35	4523840	50.0
1H-Indene, 2,3-di...	14.95	5.1	ug/l	463622	4	13.35	4523840	50.0