

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063303.D
 Acq On : 1 Aug 2019 20:08
 Operator : VA/AP
 Sample : K4120-13
 Misc : 4.85g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-3

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_D\METHOD\82D072919S.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	1.951	49	53	59	rBV	22866	55975	1.93%	0.314%
2	3.211	177	181	187	rVB	16554	44704	1.54%	0.251%
3	3.792	234	240	249	rVB4	26201	81311	2.80%	0.456%
4	5.682	427	432	437	rBV3	12961	46937	1.62%	0.263%
5	6.145	470	479	494	rVB	68138	263062	9.06%	1.474%
6	6.647	523	530	535	rBV3	8451	29813	1.03%	0.167%
7	6.903	550	556	563	rBV	489041	1373870	47.29%	7.701%
8	7.031	563	569	585	rVB	848175	2518220	86.69%	14.115%
9	7.434	604	610	622	rBV	329480	901752	31.04%	5.054%
10	8.202	681	688	700	rBV	1190439	2904966	100.00%	16.282%
11	8.822	745	751	758	rBV6	29945	99735	3.43%	0.559%
12	9.295	794	799	804	rBV3	27526	70338	2.42%	0.394%
13	9.511	816	821	827	rBV6	24270	78081	2.69%	0.438%
14	9.994	866	870	879	rVB5	19837	55551	1.91%	0.311%
15	10.397	904	911	919	rBV	908152	2139329	73.64%	11.991%
16	10.634	927	935	938	rBV4	24957	75026	2.58%	0.421%
17	10.919	957	964	970	rBV	63969	156977	5.40%	0.880%
18	11.096	971	982	987	rVV4	38532	130281	4.48%	0.730%
19	11.224	987	995	1001	rVB	70080	193397	6.66%	1.084%
20	11.529	1019	1026	1029	rBV2	21436	48712	1.68%	0.273%
21	11.677	1033	1041	1045	rVB6	22486	66644	2.29%	0.374%
22	11.825	1050	1056	1057	rBV3	22952	39244	1.35%	0.220%
23	11.864	1057	1060	1067	rVV2	37276	90622	3.12%	0.508%
24	11.972	1067	1071	1075	rVV5	28434	52225	1.80%	0.293%
25	12.356	1106	1110	1114	rVB	1478789	2247253	77.36%	12.596%
26	12.642	1136	1139	1145	rVB6	27107	72089	2.48%	0.404%
27	12.849	1155	1160	1166	rVB5	18143	42460	1.46%	0.238%
28	13.429	1217	1219	1227	rVB4	12615	29755	1.02%	0.167%
29	13.548	1227	1231	1240	rBV	797244	1120605	38.58%	6.281%
30	13.705	1243	1247	1251	rVB	90546	132495	4.56%	0.743%
31	14.178	1291	1295	1297	rBV2	24349	35702	1.23%	0.200%
32	14.345	1307	1312	1315	rBV3	30712	58618	2.02%	0.329%
33	14.404	1315	1318	1321	rVV3	26045	37857	1.30%	0.212%
34	14.512	1325	1329	1334	rBV	936051	1161495	39.98%	6.510%

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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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35	14.621	1338	1340	1344	rVB2	45285	67491	2.32%	0.378%
36	14.699	1345	1348	1352	rVB	234029	271732	9.35%	1.523%
37	14.768	1352	1355	1357	rBV2	45410	63238	2.18%	0.354%
38	15.083	1385	1387	1390	rBV2	152297	188924	6.50%	1.059%
39	15.133	1390	1392	1396	rVB3	43156	61964	2.13%	0.347%
40	15.260	1402	1405	1409	rVV	56115	89412	3.08%	0.501%
41	15.428	1418	1422	1425	rBV2	36926	62765	2.16%	0.352%
42	15.526	1429	1432	1435	rVV	45542	52195	1.80%	0.293%
43	15.576	1435	1437	1440	rVB2	29597	38168	1.31%	0.214%
44	15.989	1474	1479	1485	rVB2	130253	282915	9.74%	1.586%
45	16.206	1499	1501	1505	rVB3	66980	109250	3.76%	0.612%
46	16.353	1513	1516	1519	rVB	44679	53632	1.85%	0.301%
47	16.471	1525	1528	1531	rBV	34283	44327	1.53%	0.248%

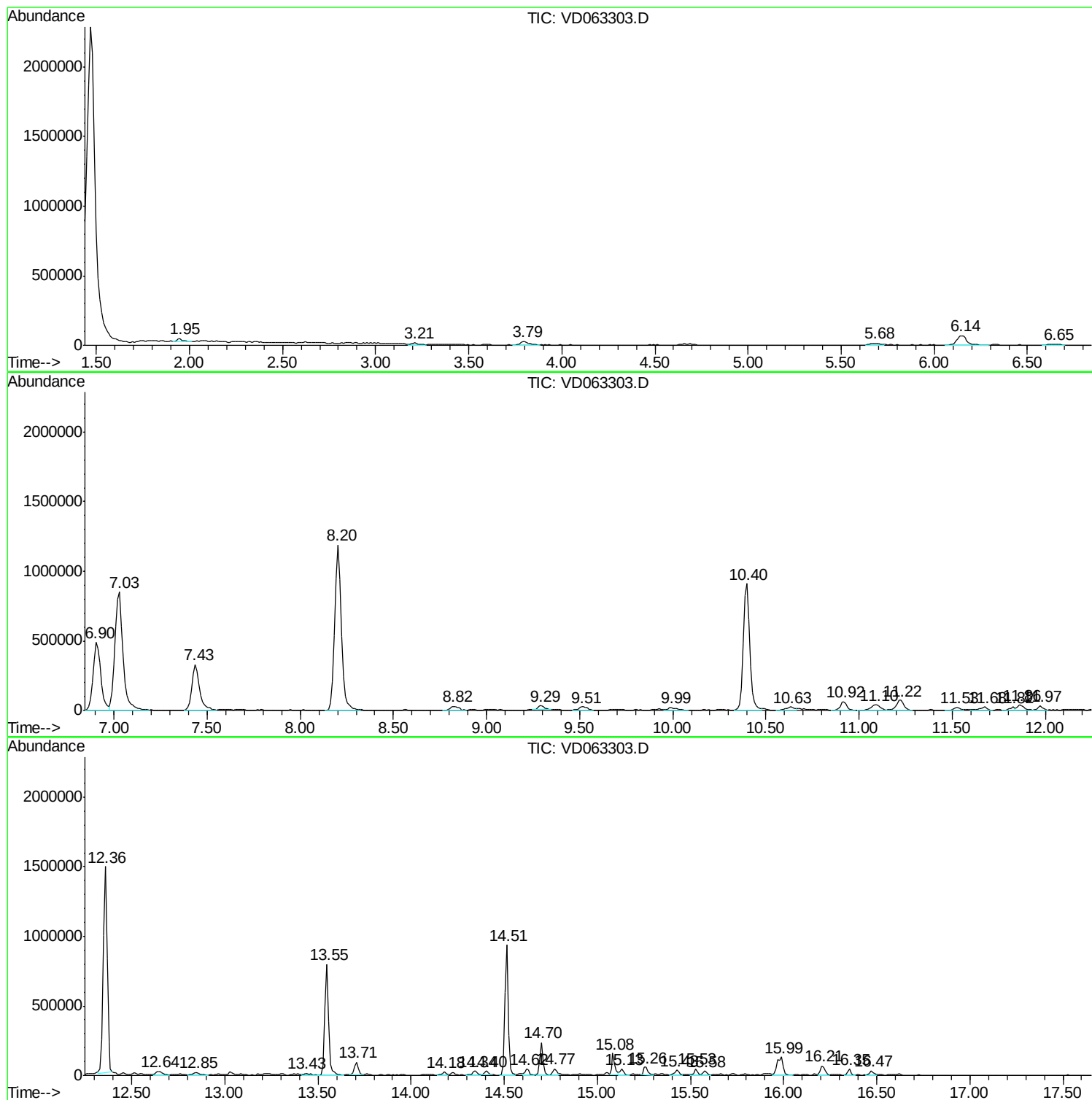
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260

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



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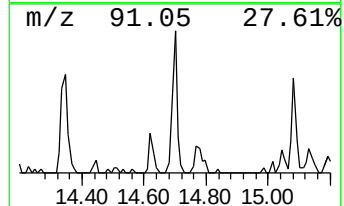
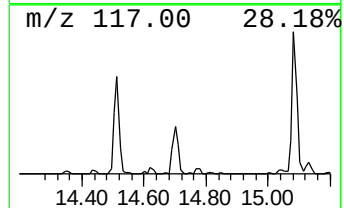
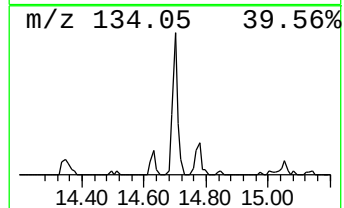
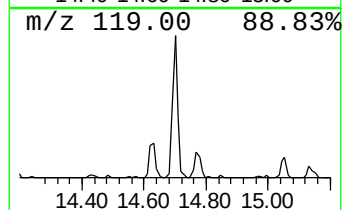
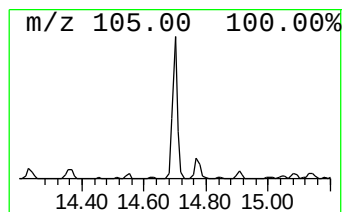
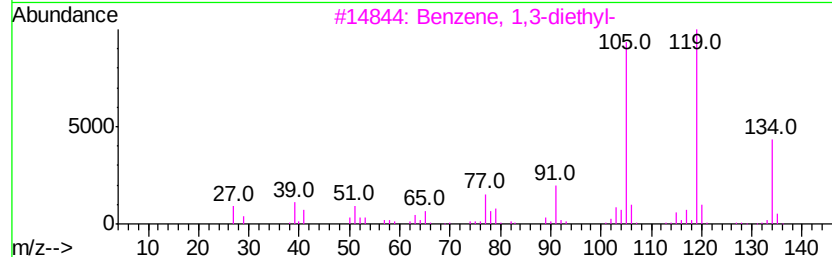
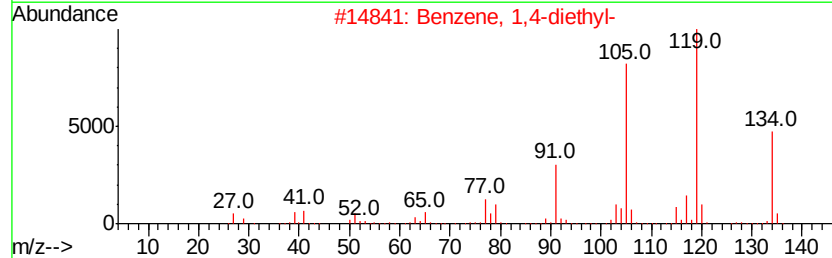
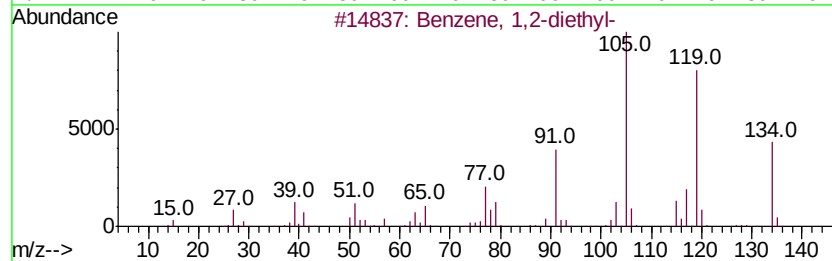
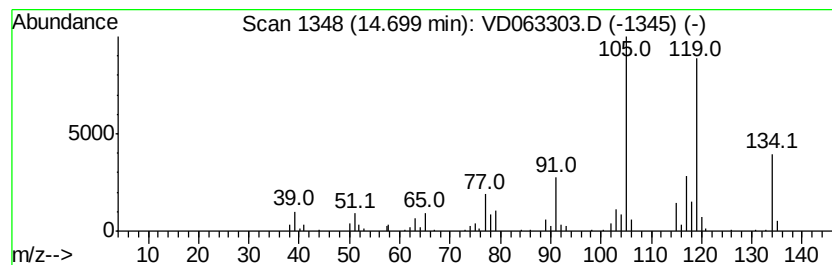
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.70	11.70 ug/l	271732	1,4-Dichlorobenzene-d4	14.51		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	72
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64



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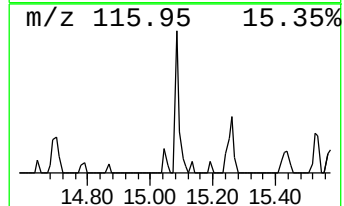
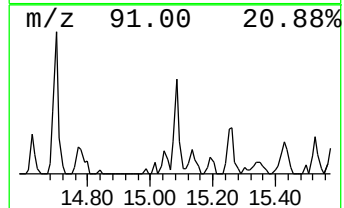
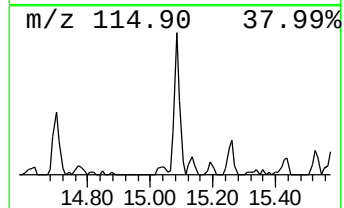
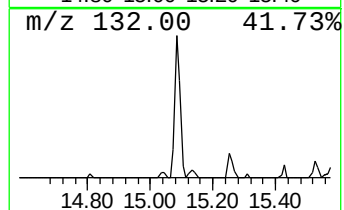
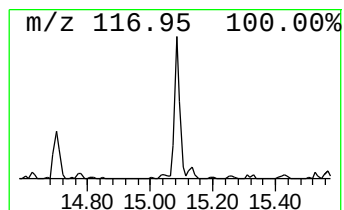
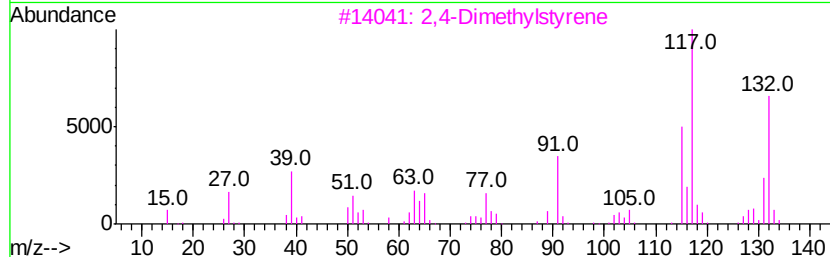
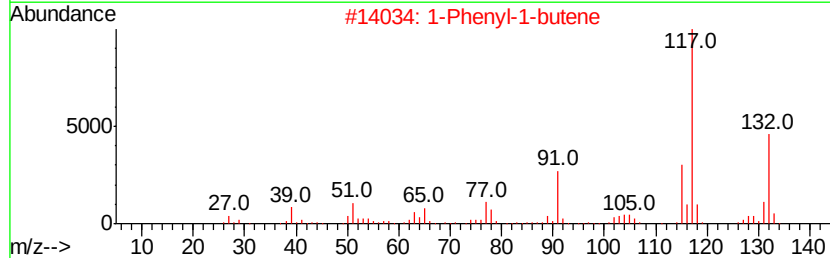
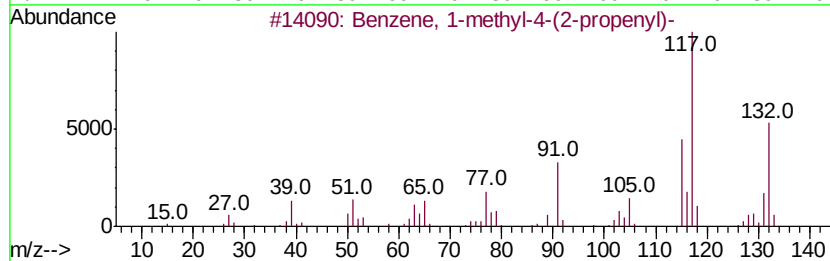
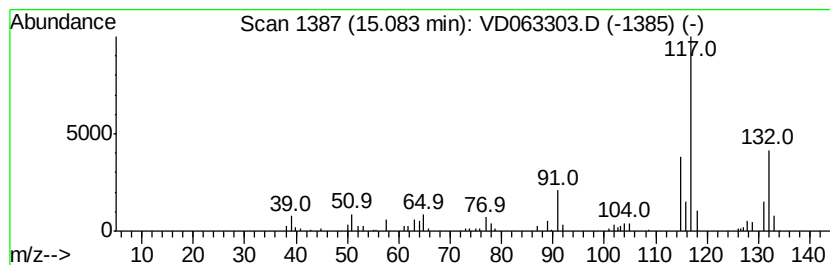
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Peak Number 4 Benzene, 1-methyl-4-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	8.13 ug/l	188924	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	92
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91



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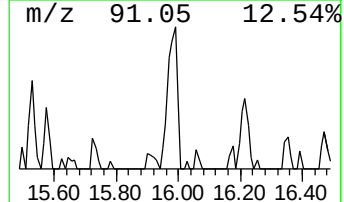
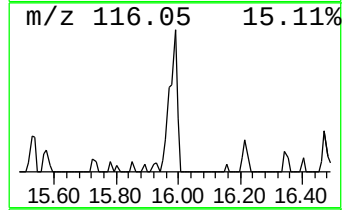
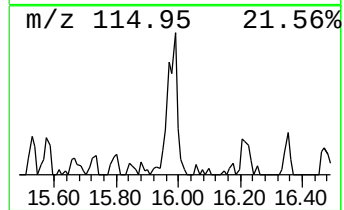
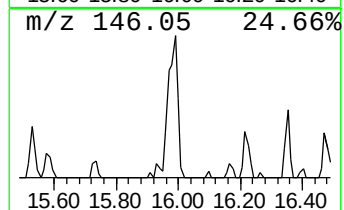
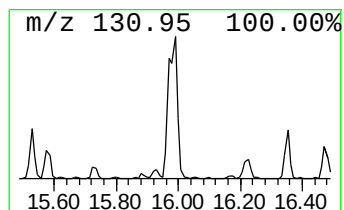
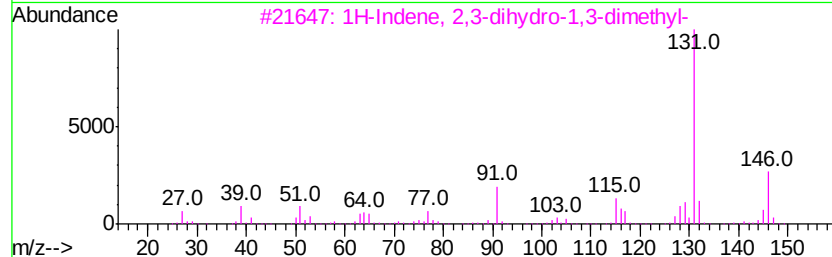
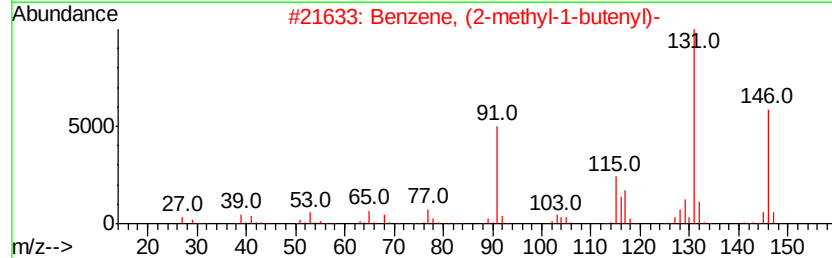
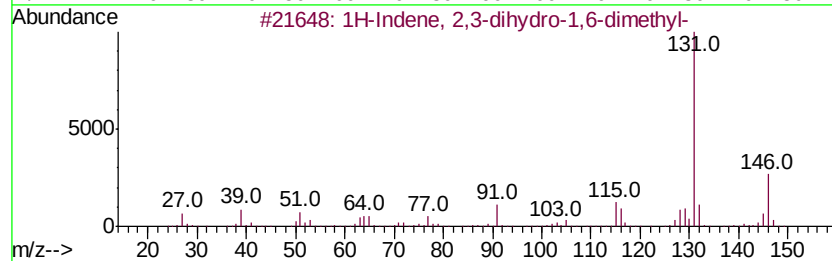
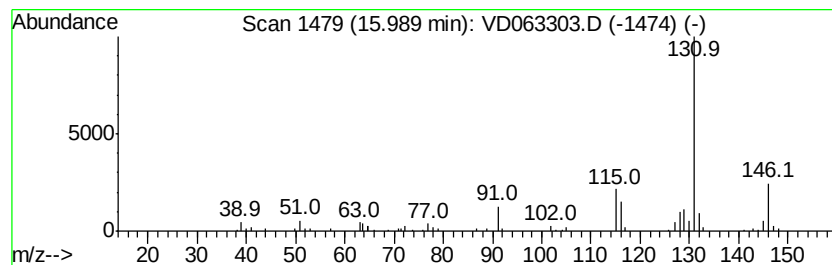
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	12.18 ug/l	282915	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2 94
2		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 94
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 91
4		Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1 91
5		1,3-Cyclopentadiene, 5-(trans-2-...	146 C11H14	079209-36-2 91



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Benzene, 1,2-diet...	14.70	11.7	ug/l	271732	4	14.51	1161500	50.0
Benzene, 1-methyl...	15.08	8.1	ug/l	188924	4	14.51	1161500	50.0
1H-Indene, 2,3-di...	15.99	12.2	ug/l	282915	4	14.51	1161500	50.0