

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041619\
 Data File : VV010339.D
 Acq On : 16 Apr 2019 18:09
 Operator : SY/MD
 Sample : K2402-17
 Misc : 5.08G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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_V\METHOD\SOM2VLM041019S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.209	32	37	48	rBV	14779	22028	0.76%	0.169%
2	1.319	66	71	81	rVB	88410	86564	3.00%	0.664%
3	1.573	144	150	165	rVB	90105	108449	3.76%	0.831%
4	2.126	314	322	334	rBV	220473	309379	10.73%	2.372%
5	2.277	367	369	370	rBV2	908	350	0.01%	0.003%
6	2.537	439	450	468	rVB2	50394	85468	2.96%	0.655%
7	2.804	530	533	538	rBV3	687	594	0.02%	0.005%
8	2.852	546	548	552	rBV2	411	367	0.01%	0.003%
9	2.901	559	563	567	rBV2	575	429	0.01%	0.003%
10	3.013	594	598	602	rVB	377	375	0.01%	0.003%
11	3.206	655	658	660	rBV3	553	317	0.01%	0.002%
12	3.280	678	681	685	rVB3	567	402	0.01%	0.003%
13	3.457	730	736	739	rBV3	738	657	0.02%	0.005%
14	3.502	746	750	754	rVB	696	634	0.02%	0.005%
15	3.730	818	821	823	rVB	688	351	0.01%	0.003%
16	3.801	839	843	847	rBV3	583	412	0.01%	0.003%
17	3.862	858	862	864	rBV3	547	407	0.01%	0.003%
18	3.881	864	868	872	rBV	556	379	0.01%	0.003%
19	3.930	872	883	905	rBV2	34390	90387	3.13%	0.693%
20	4.402	1011	1030	1053	rBV2	152406	391524	13.57%	3.001%
21	4.640	1102	1104	1110	rVB3	1033	951	0.03%	0.007%
22	4.910	1185	1188	1194	rVB3	763	622	0.02%	0.005%
23	4.971	1204	1207	1210	rBV3	510	305	0.01%	0.002%
24	5.094	1227	1245	1270	rBV2	344346	870299	30.17%	6.672%
25	5.399	1337	1340	1343	rBV2	646	357	0.01%	0.003%
26	5.428	1347	1349	1351	rBV2	591	333	0.01%	0.003%
27	5.447	1353	1355	1360	rVB4	708	603	0.02%	0.005%
28	5.663	1408	1422	1446	rBV	366057	738115	25.59%	5.658%
29	5.827	1471	1473	1475	rBV2	1105	589	0.02%	0.005%
30	5.852	1480	1481	1483	rBV	768	377	0.01%	0.003%
31	5.949	1502	1511	1518	rBV6	4793	8170	0.28%	0.063%
32	6.029	1534	1536	1540	rVB3	802	414	0.01%	0.003%
33	6.116	1549	1563	1591	rVV2	205426	427749	14.83%	3.279%
34	6.296	1617	1619	1622	rVB2	642	331	0.01%	0.003%

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35	6.351	1633	1636	1639	rVB2	1088	545	0.02%	0.004%
36	6.405	1651	1653	1654	rBV2	771	350	0.01%	0.003%
37	6.434	1659	1662	1664	rVV	488	336	0.01%	0.003%
38	6.528	1689	1691	1696	rVV2	419	285	0.01%	0.002%
39	6.650	1725	1729	1732	rBV4	1860	1506	0.05%	0.012%
40	6.679	1735	1738	1739	rBV3	593	358	0.01%	0.003%
41	6.865	1794	1796	1797	rBV	813	303	0.01%	0.002%
42	6.904	1806	1808	1812	rBV3	459	339	0.01%	0.003%
43	6.942	1817	1820	1823	rBV2	560	372	0.01%	0.003%
44	7.029	1834	1847	1864	rBV2	107648	188701	6.54%	1.447%
45	7.171	1888	1891	1892	rBV3	988	598	0.02%	0.005%
46	7.283	1924	1926	1931	rVB3	680	461	0.02%	0.004%
47	7.360	1936	1950	1968	rBV	396016	705856	24.47%	5.411%
48	7.663	2032	2044	2063	rBV	72783	122466	4.25%	0.939%
49	8.132	2179	2190	2215	rBV	111109	209059	7.25%	1.603%
50	8.470	2291	2295	2300	rBV3	681	701	0.02%	0.005%
51	8.701	2366	2367	2372	rVB2	1005	540	0.02%	0.004%
52	8.759	2382	2385	2387	rBV	492	306	0.01%	0.002%
53	8.894	2415	2427	2451	rBV	559193	939375	32.57%	7.201%
54	9.290	2547	2550	2555	rBV3	476	389	0.01%	0.003%
55	9.441	2595	2597	2605	rVB3	755	723	0.03%	0.006%
56	9.518	2619	2621	2627	rVB2	591	445	0.02%	0.003%
57	9.688	2671	2674	2677	rBV2	502	458	0.02%	0.004%
58	9.804	2704	2710	2713	rBV4	404	455	0.02%	0.003%
59	9.843	2718	2722	2725	rBV2	407	427	0.01%	0.003%
60	9.900	2739	2740	2743	rBV	453	298	0.01%	0.002%
61	10.013	2772	2775	2778	rVB2	643	462	0.02%	0.004%
62	10.261	2841	2852	2869	rVV	224013	355111	12.31%	2.722%
63	10.425	2892	2903	2914	rVV2	11834	21204	0.74%	0.163%
64	10.498	2918	2926	2933	rBV6	1265	2260	0.08%	0.017%
65	10.572	2947	2949	2950	rBV	792	365	0.01%	0.003%
66	10.884	3043	3046	3048	rBV3	640	389	0.01%	0.003%
67	10.965	3062	3071	3080	rVB5	5028	7637	0.26%	0.059%
68	11.029	3087	3091	3099	rVB6	4303	5253	0.18%	0.040%
69	11.077	3103	3106	3108	rBV2	1747	1161	0.04%	0.009%
70	11.151	3125	3129	3130	rBV2	426	295	0.01%	0.002%
71	11.190	3139	3141	3142	rBV2	990	351	0.01%	0.003%

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72	11.296	3161	3174	3191	rBV	597771	948774	32.89%	7.273%
73	11.508	3238	3240	3243	rBV2	680	375	0.01%	0.003%
74	11.672	3278	3291	3309	rVB	491696	788891	27.35%	6.048%
75	11.791	3317	3328	3348	rBV	63838	107368	3.72%	0.823%
76	11.875	3352	3354	3355	rBV2	1184	576	0.02%	0.004%
77	12.045	3405	3407	3410	rVB2	1083	477	0.02%	0.004%
78	12.125	3425	3432	3442	rVB8	1817	3012	0.10%	0.023%
79	12.241	3457	3468	3476	rBV9	5039	8160	0.28%	0.063%
80	12.640	3583	3592	3603	rBV9	4486	8479	0.29%	0.065%
81	12.727	3616	3619	3622	rVB2	596	437	0.02%	0.003%
82	12.772	3627	3633	3640	rBV5	1683	1982	0.07%	0.015%
83	12.813	3643	3646	3650	rBV	612	527	0.02%	0.004%
84	12.929	3676	3682	3692	rVB6	9004	12450	0.43%	0.095%
85	12.997	3692	3703	3717	rBV3	26767	41025	1.42%	0.314%
86	13.103	3726	3736	3749	rVB4	35505	59844	2.07%	0.459%
87	13.193	3758	3764	3770	rBV7	3931	5521	0.19%	0.042%
88	13.309	3795	3800	3802	rBV5	2069	2083	0.07%	0.016%
89	13.399	3826	3828	3832	rVB4	1150	684	0.02%	0.005%
90	13.418	3832	3834	3836	rBV2	667	316	0.01%	0.002%
91	13.434	3836	3839	3842	rVB3	957	560	0.02%	0.004%
92	13.450	3842	3844	3847	rBV2	1003	554	0.02%	0.004%
93	13.550	3857	3875	3892	rBV	1923550	2884271	100.00%	22.111%
94	13.794	3943	3951	3961	rVB5	9312	14605	0.51%	0.112%
95	14.627	4205	4210	4215	rBV3	5047	6078	0.21%	0.047%
96	14.682	4216	4227	4243	rVV	871923	1302083	45.14%	9.982%
97	14.865	4274	4284	4298	rBV	457649	710079	24.62%	5.443%
98	15.415	4449	4455	4464	rVB	18835	26328	0.91%	0.202%
99	15.717	4540	4549	4568	rBV3	88170	163258	5.66%	1.252%
100	15.865	4586	4595	4601	rBV2	147411	227101	7.87%	1.741%

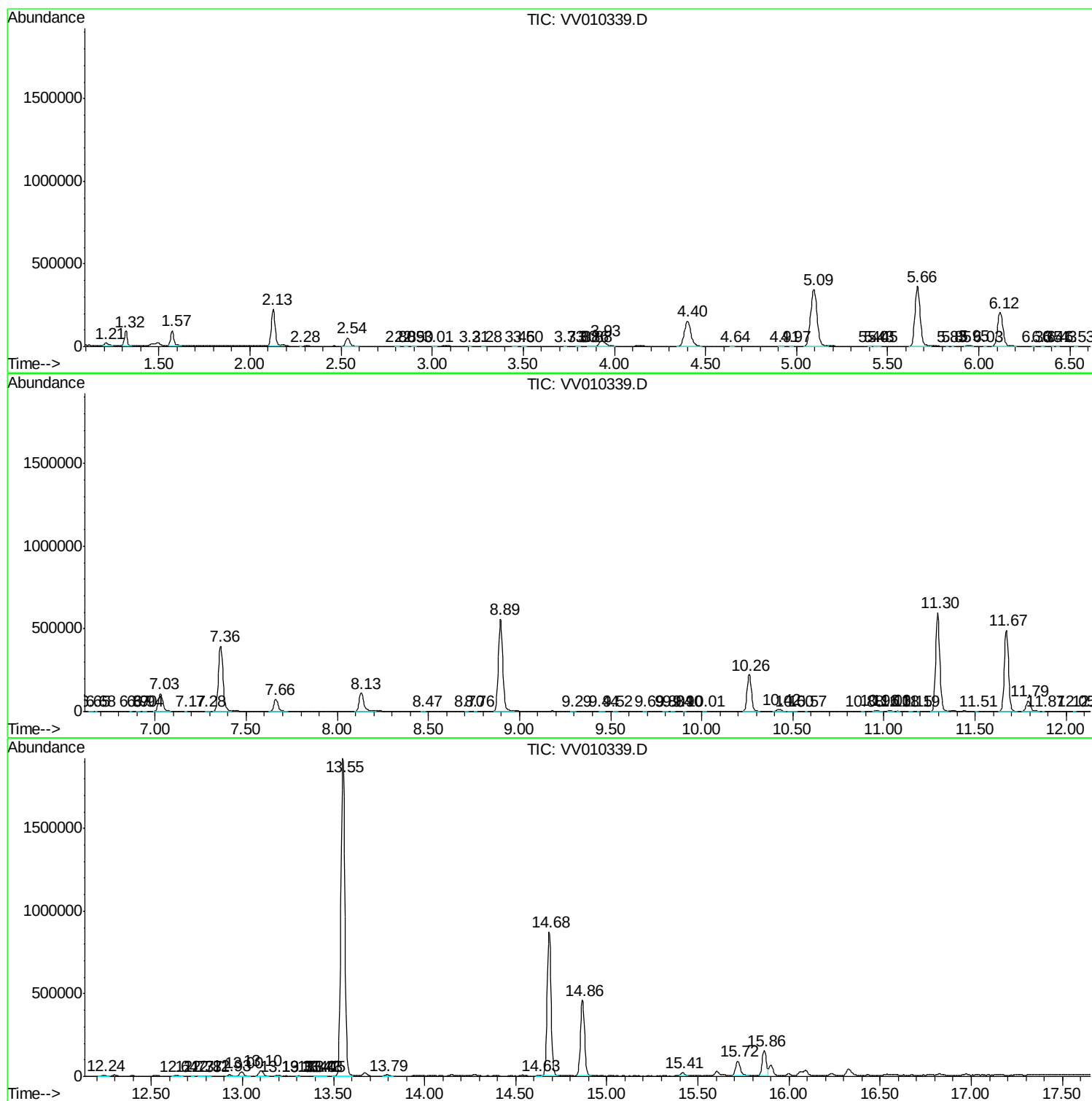
Sum of corrected areas: 13044726

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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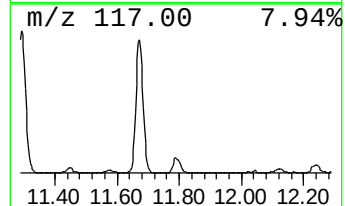
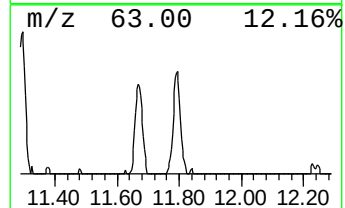
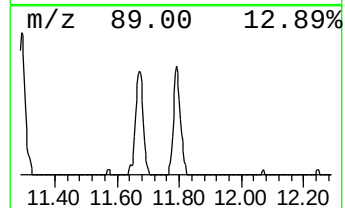
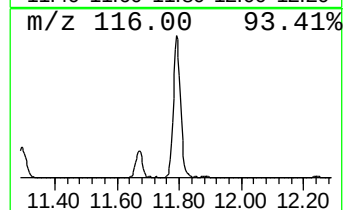
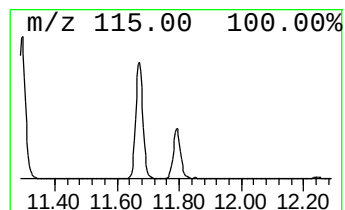
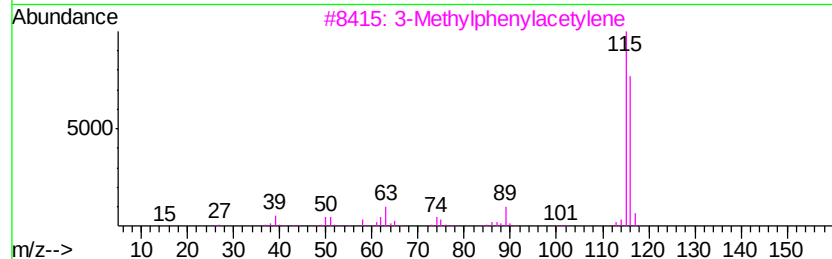
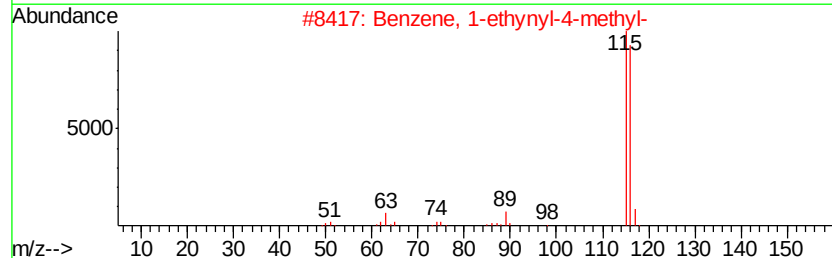
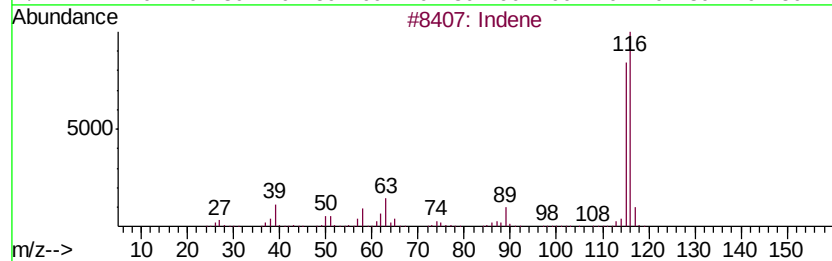
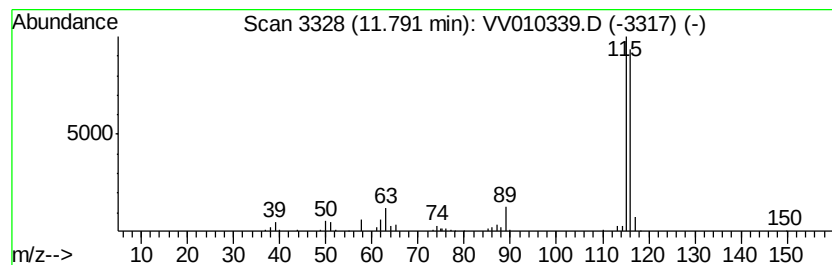
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis

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

Peak Number 2 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.83 ug/L	107368	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	94
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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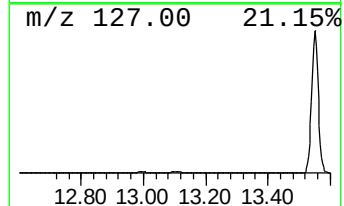
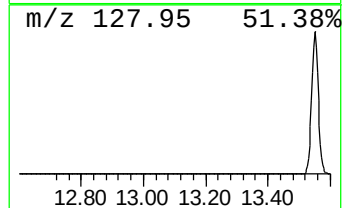
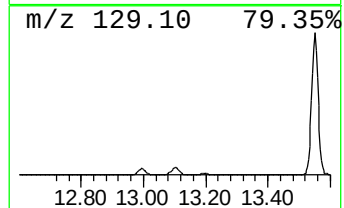
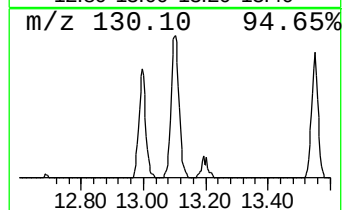
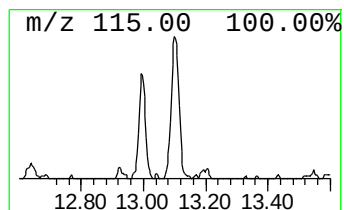
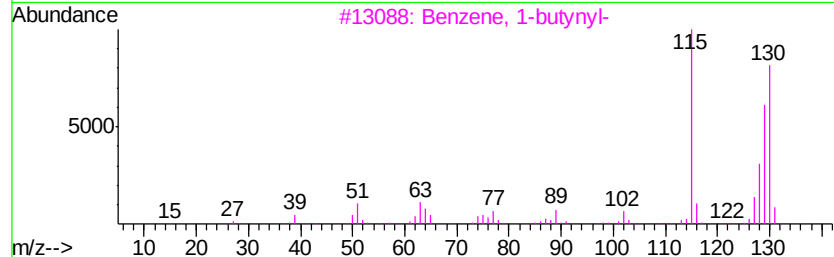
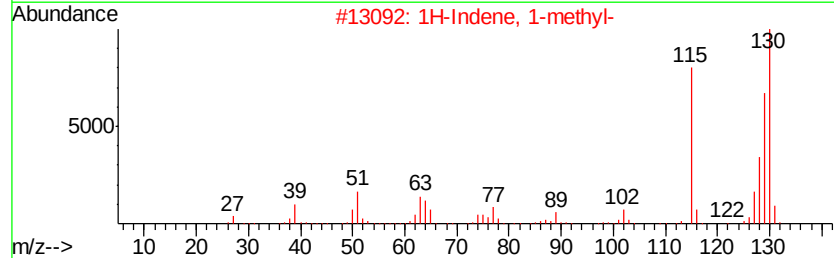
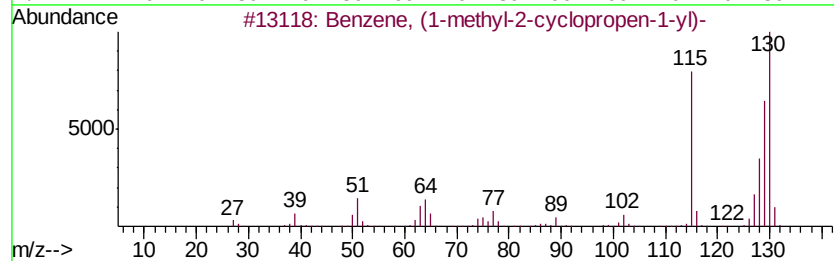
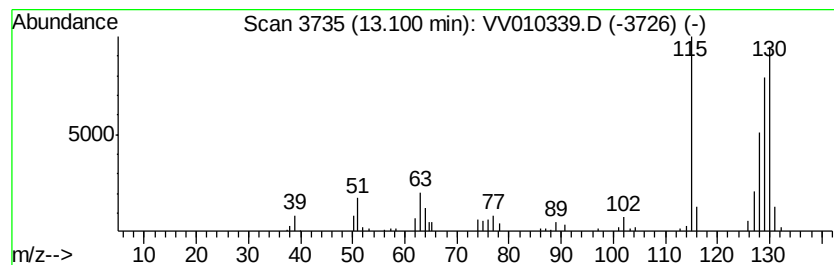
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	1.58 ug/L	59844	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	90
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	87



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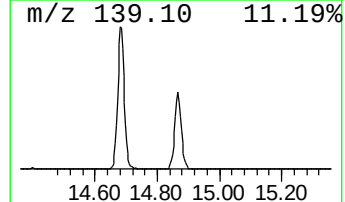
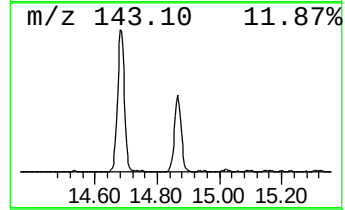
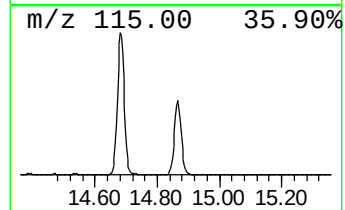
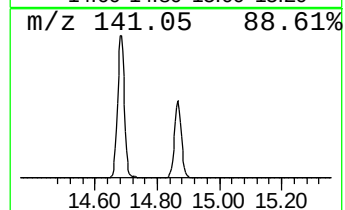
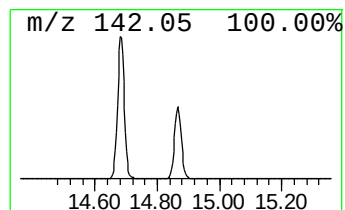
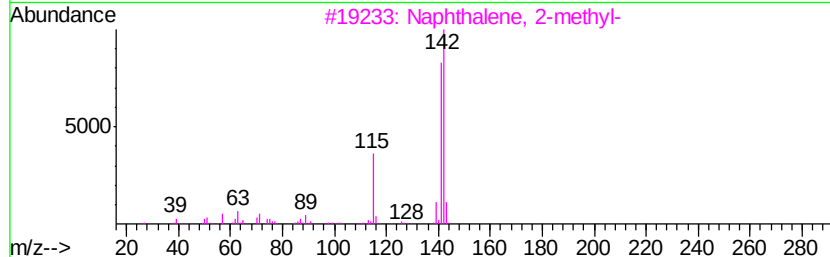
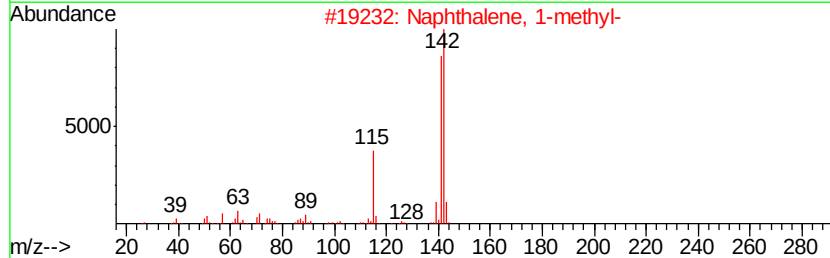
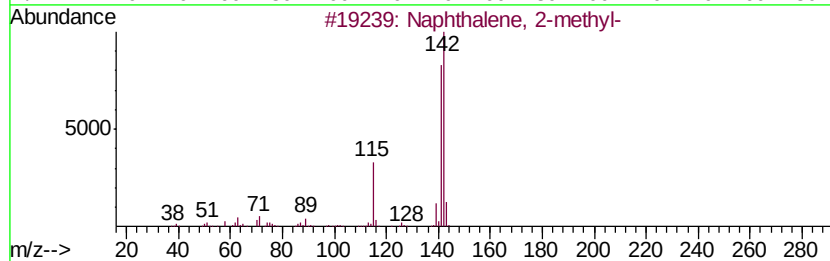
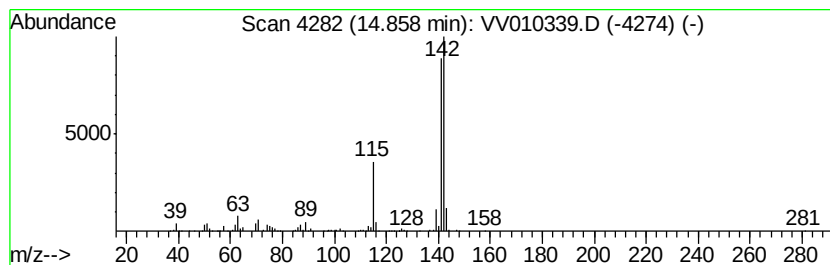
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	18.71 ug/L	710079	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041619\
Data File : VV010339.D
Acq On : 16 Apr 2019 18:09
Operator : SY/MD
Sample : K2402-17
Misc : 5.08G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

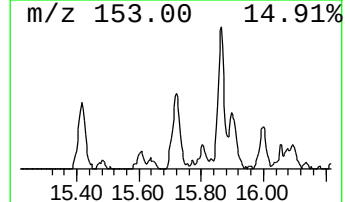
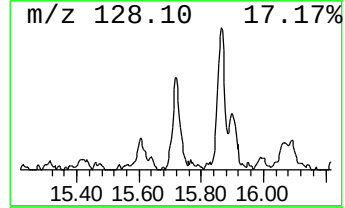
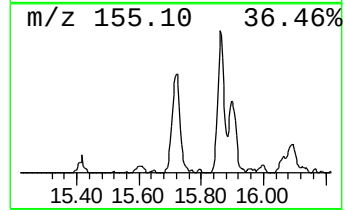
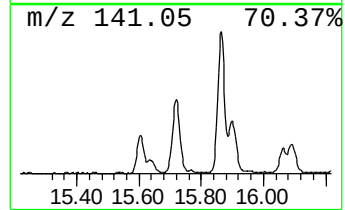
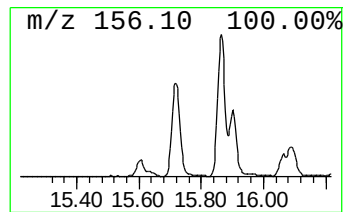
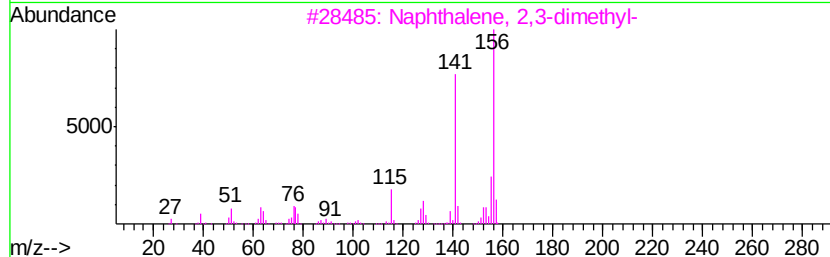
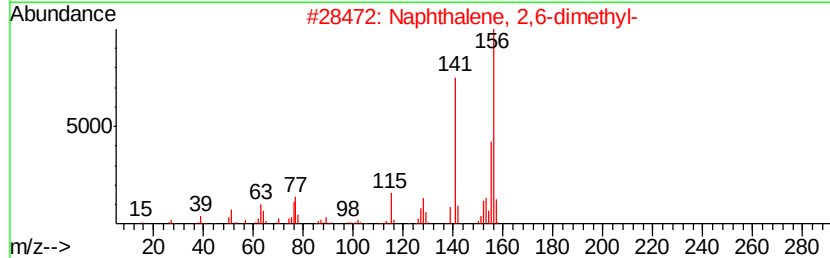
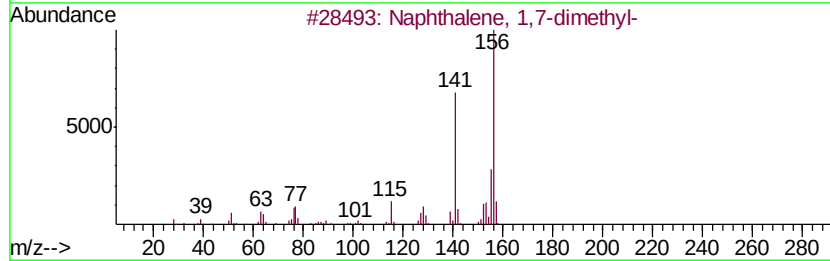
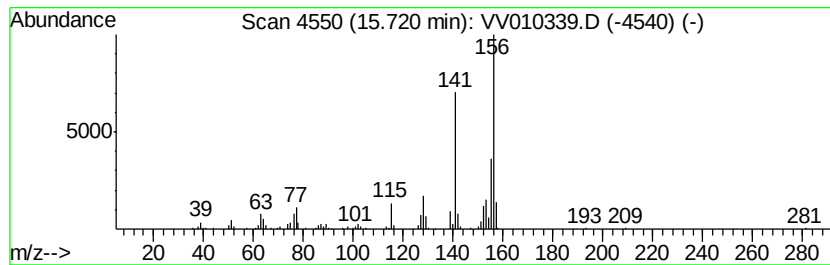
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.30 ug/L	163258	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041619\
Data File : VV010339.D
Acq On : 16 Apr 2019 18:09
Operator : SY/MD
Sample : K2402-17
Misc : 5.08G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

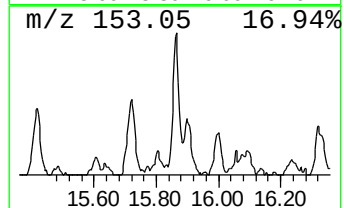
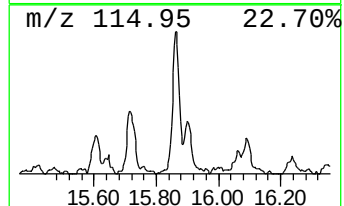
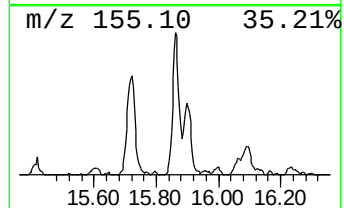
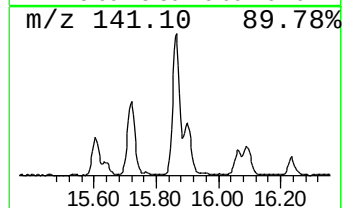
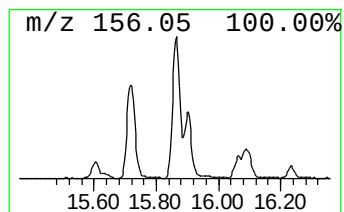
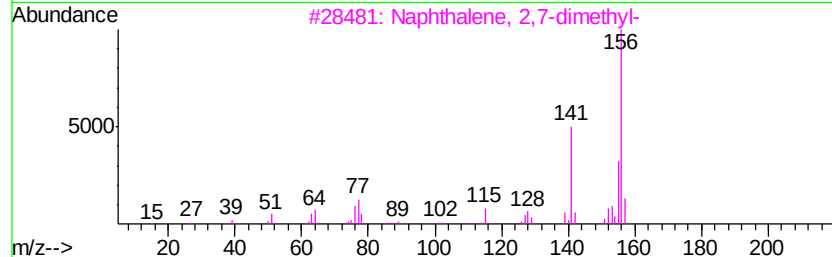
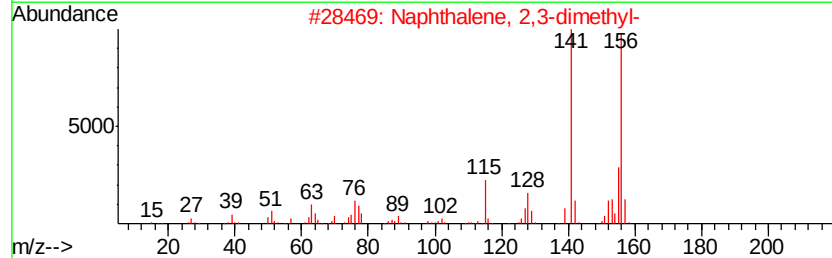
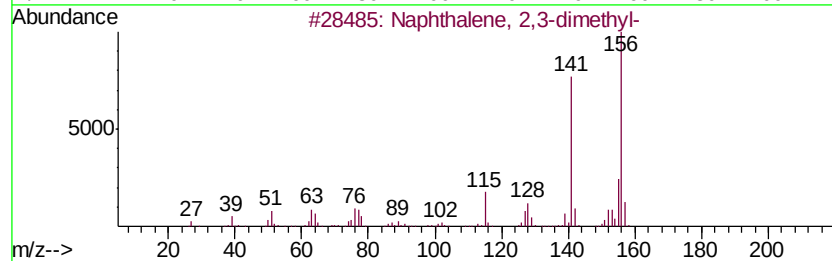
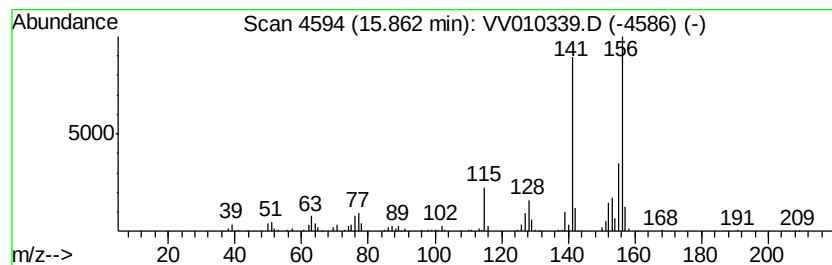
Instrument :
MSVOA_V
ClientSampleId :
GAHJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.98 ug/L	227101	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041619\
Data File : VV010339.D
Acq On : 16 Apr 2019 18:09
Operator : SY/MD
Sample : K2402-17
Misc : 5.08G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indene	11.79	2.8	ug/L	107368	3	11.30	948774	25.0
Benzene, (1-methy...	13.10	1.6	ug/L	59844	3	11.30	948774	25.0
Naphthalene, 1-me...	14.86	18.7	ug/L	710079	3	11.30	948774	25.0
Naphthalene, 1,7-...	15.72	4.3	ug/L	163258	3	11.30	948774	25.0
Naphthalene, 2,3-...	15.86	6.0	ug/L	227101	3	11.30	948774	25.0