LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.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	2.126	316	322	336	rVB	74425	103905	6.14%	1.373%
2	2.421	408	414	417	rBV3	1004	1010	0.06%	0.013%
3	2.537	440	450	466	rBV3	19818	32146	1.90%	0.425%
4	2.624	475	477	481	rVB2	478	228	0.01%	0.003%
5	2.650	481	485	486	rBV2	536	382	0.02%	0.005%
6	2.740	511	513	515	rVB	767	250	0.01%	0.003%
7	2.875	554	555	559	rVB	543	313	0.02%	0.004%
8	3.032	599	604	606	rBV2	330	258	0.02%	0.003%
9	3.077	608	618	628	rVV5	3553	6257	0.37%	0.083%
10	3.139	635	637	639	rBV	437	256	0.02%	0.003%
11	3.270	675	678	681	rVB2	374	232	0.01%	0.003%
12	3.335	693	698	701	rBV	621	605	0.04%	0.008%
13	3.412	715	722	726	rBV3	474	691	0.04%	0.009%
14	3.476	740	742	747	rVB2	432	317	0.02%	0.004%
15	3.534	756	760	767	rBV3	466	643	0.04%	0.008%
16	3.560	767	768	774	rVB2	568	311	0.02%	0.004%
17	3.589	774	777	780	rBV2	359	306	0.02%	0.004%
18	3.740	820	824	830	rVB5	803	847	0.05%	0.011%
19	3.872	863	865	867	rVB2	533	248	0.01%	0.003%
20	3.891	867	871	875	rBV	477	422	0.02%	0.006%
21	3.939	875	886	907	rBV	17118	45020	2.66%	0.595%
22	4.055	921	922	927	rBV2	661	606	0.04%	0.008%
23	4.200	965	967	972	rVB2	1151	795	0.05%	0.011%
24	4.325	1002	1006	1011	rVB4	663	483	0.03%	0.006%
25	4.402	1014	1030	1047	rBV2	54792	134350	7.94%	1.776%
26	4.865	1172	1174	1179	rBV2	363	264	0.02%	0.003%
27	4.962	1201	1204	1206	rBV2	363	248	0.01%	0.003%
28	5.010	1215	1219	1220	rBV2	410	279	0.02%	0.004%
29	5.093	1227	1245	1264	rBV2	122563	313757	18.55%	4.147%
30	5.328	1316	1318	1319	rBV	496	280	0.02%	0.004%
31	5.450	1353	1356	1359	rBV2	357	209	0.01%	0.003%
32	5.666	1410	1423	1442	rBV	101582	207733	12.28%	2.746%
33	5.907	1496	1498	1500	rBV2	401	257	0.02%	0.003%
34	5.952	1504	1512	1515	rBV4	1763	2178	0.13%	0.029%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Title : VOC Analysis

35	6.032	1535	1537	1540	rVB3	658	300	0.02%	0.004%
36	6.119	1549	1564	1579	rBV2	73879	152946	9.04%	2.022%
37	6.251	1602	1605	1606	rBV2	527	279	0.02%	0.004%
38	6.386	1645	1647	1649	rBV2	365	206	0.01%	0.003%
39	6.486	1671	1678	1682	rVB3	638	770	0.05%	0.010%
40	6.775	1763	1768	1770	rBV3	444	400	0.02%	0.005%
41	6.817	1774	1781	1783	rBV3	3356	3796	0.22%	0.050%
42	6.900	1803	1807	1812	rBV2	627	527	0.03%	0.007%
43	6.926	1812	1815	1821	rVB2	572	389	0.02%	0.005%
44	6.952	1821	1823	1826	rVB	351	224	0.01%	0.003%
45	6.974	1826	1830	1832	rBV2	373	302	0.02%	0.004%
46	7.029	1836	1847	1861	rBV2	41664	72848	4.31%	0.963%
47	7.161	1886	1888	1890	rBV2	427	241	0.01%	0.003%
48	7.238	1908	1912	1913	rBV2	455	325	0.02%	0.004%
49	7.306	1925	1933	1938	rBV3	2069	2707	0.16%	0.036%
50	7.360	1938	1950	1969	rBV2	127741	237386	14.03%	3.138%
51	7.666	2035	2045	2060	rBV2	27925	49924	2.95%	0.660%
52	7.945	2128	2132	2136	rBV	12741	7029	0.42%	0.093%
53	8.135	2181	2191	2212	rBV2	50960	99094	5.86%	1.310%
54	8.360	2257	2261	2264	rVB2	528	405	0.02%	0.005%
55	8.412	2273	2277	2279	rBV2	826	722	0.04%	0.010%
56	8.498	2300	2304	2308	rBV2	385	318	0.02%	0.004%
57	8.640	2345	2348	2350	rBV	366	215	0.01%	0.003%
58	8.656	2350	2353	2355	rVB2	465	234	0.01%	0.003%
59	8.701	2364	2367	2370	rBV3	687	549	0.03%	0.007%
60	8.775	2387	2390	2392	rBV	591	329	0.02%	0.004%
61	8.897	2416	2428	2448	rBV	163242	284689	16.83%	3.763%
62	9.061	2472	2479	2483	rVB6	1342	1493	0.09%	0.020%
63	9.232	2530	2532	2536	rBV	408	277	0.02%	0.004%
64	9.492	2610	2613	2614	rBV2	602	271	0.02%	0.004%
65	9.537	2625	2627	2631	rBV2	391	229	0.01%	0.003%
66	9.768	2696	2699	2703	rVB2	539	347	0.02%	0.005%
67	10.260	2839	2852	2867	rBV2	94685	155972	9.22%	2.062%
68	10.344	2874	2878	2882	rBV3	725	463	0.03%	0.006%
69	10.431	2887	2905	2916	rBV4	5313	10973	0.65%	0.145%
70	10.498	2917	2926	2929	rBV5	5566	8401	0.50%	0.111%
71	10.585	2945	2953	2961	rBV2	8507	11932	0.71%	0.158%

LSC Area Percent Report

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Sample : K2402-11RE
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Title : VOC Analysis

72	10.643	2969	2971	2974	rBV2	763	483	0.03%	0.006%
73	10.688	2980	2985	2988	rBV4	798	773	0.05%	0.010%
74	10.736	2996	3000	3001	rVB2	424	237	0.01%	0.003%
75	10.778	3010	3013	3015	rBV3	1710	1231	0.07%	0.016%
76	10.868	3040	3041	3043	rVB2	1058	297	0.02%	0.004%
77	10.961	3062	3070	3081	rVB3	27865	41681	2.46%	0.551%
78	11.032	3083	3092	3101	rBV3	24333	38143	2.25%	0.504%
79	11.135	3121	3124	3132	rBV5	1044	962	0.06%	0.013%
80	11.296	3162	3174	3191	rBV	187416	302277	17.87%	3.996%
81	11.585	3255	3264	3271	rBV8	4086	7086	0.42%	0.094%
82	11.672	3281	3291	3308	rVB	192216	311146	18.39%	4.113%
83	11.756	3314	3317	3319	rBV2	746	603	0.04%	0.008%
84	11.794	3319	3329	3337	rBV	20508	32956	1.95%	0.436%
85	12.042	3399	3406	3408	rBV6	6015	7522	0.44%	0.099%
86	12.096	3419	3423	3424	rBV3	1456	1144	0.07%	0.015%
87	12.241	3458	3468	3477	rVB2	29601	46393	2.74%	0.613%
88	12.460	3525	3536	3545	rBV2	10782	15779	0.93%	0.209%
89	12.514	3545	3553	3566	rBV4	16852	35146	2.08%	0.465%
90	12.637	3584	3591	3601	rBV4	21658	36097	2.13%	0.477%
91	12.839	3651	3654	3656	rBV	1071	660	0.04%	0.009%
92	12.929	3676	3682	3692	rVB4	26879	38883	2.30%	0.514%
93	12.997	3694	3703	3715	rVB2	68279	103393	6.11%	1.367%
94	13.103	3726	3736	3747	rVB3	85069	140031	8.28%	1.851%
95	13.550	3864	3875	3891	rBV	870098	1356907	80.20%	17.936%
96	14.681	4216	4227	4245	rVB	1101441	1691829	100.00%	22.363%
97	14.868	4274	4285	4302	rVB	570238	884355	52.27%	11.690%
98	15.415	4448	4455	4464	rBV	35262	50699	3.00%	0.670%
99	15.717	4540	4549	4565	rBV2	135906	234980	13.89%	3.106%
100	15.865	4586	4595	4601	rBV2	144947	220015	13.00%	2.908%

Sum of corrected areas: 7565306

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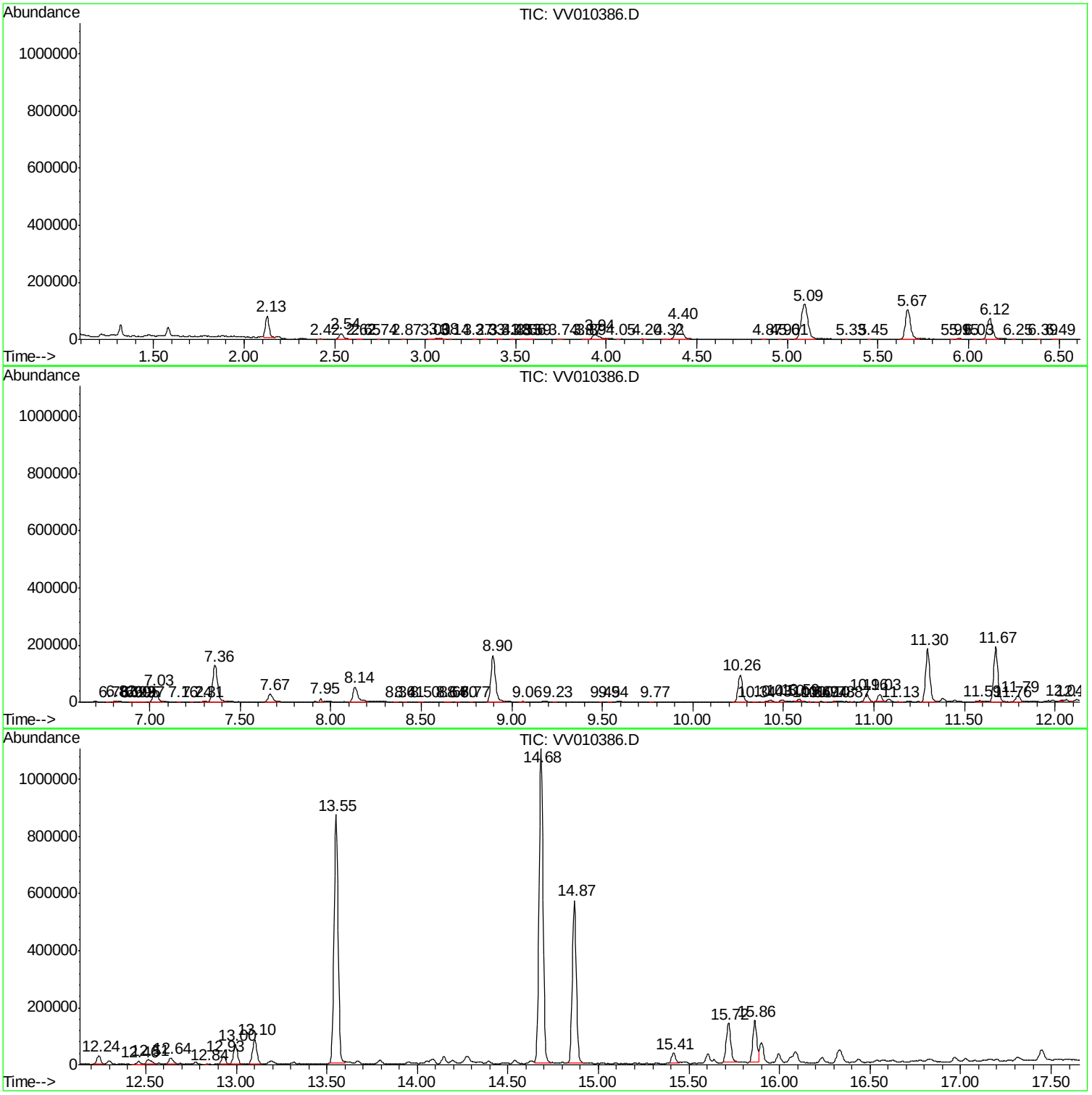
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Data File : VV010386.D
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Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

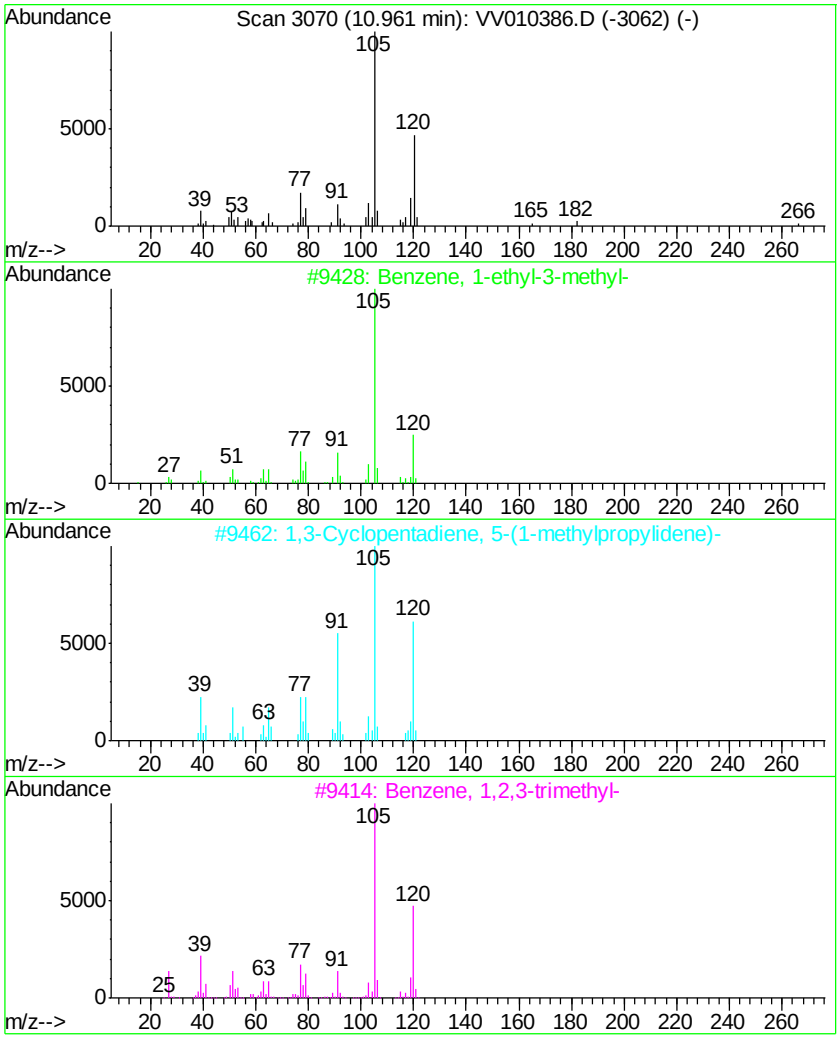
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

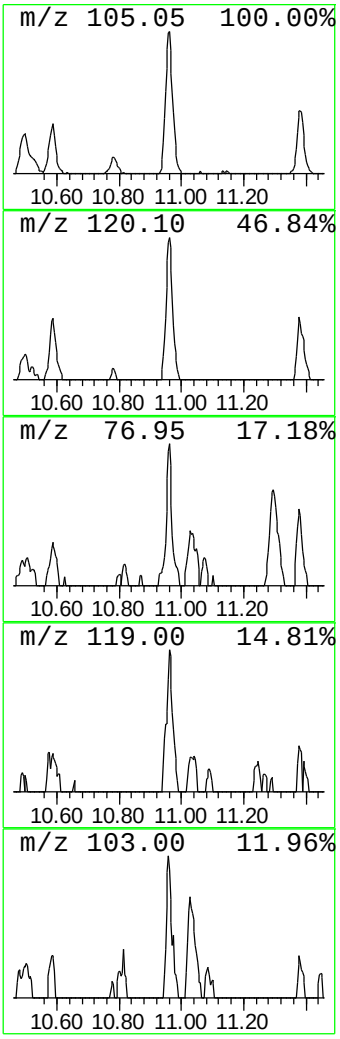
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	3.45 ug/L	41681	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

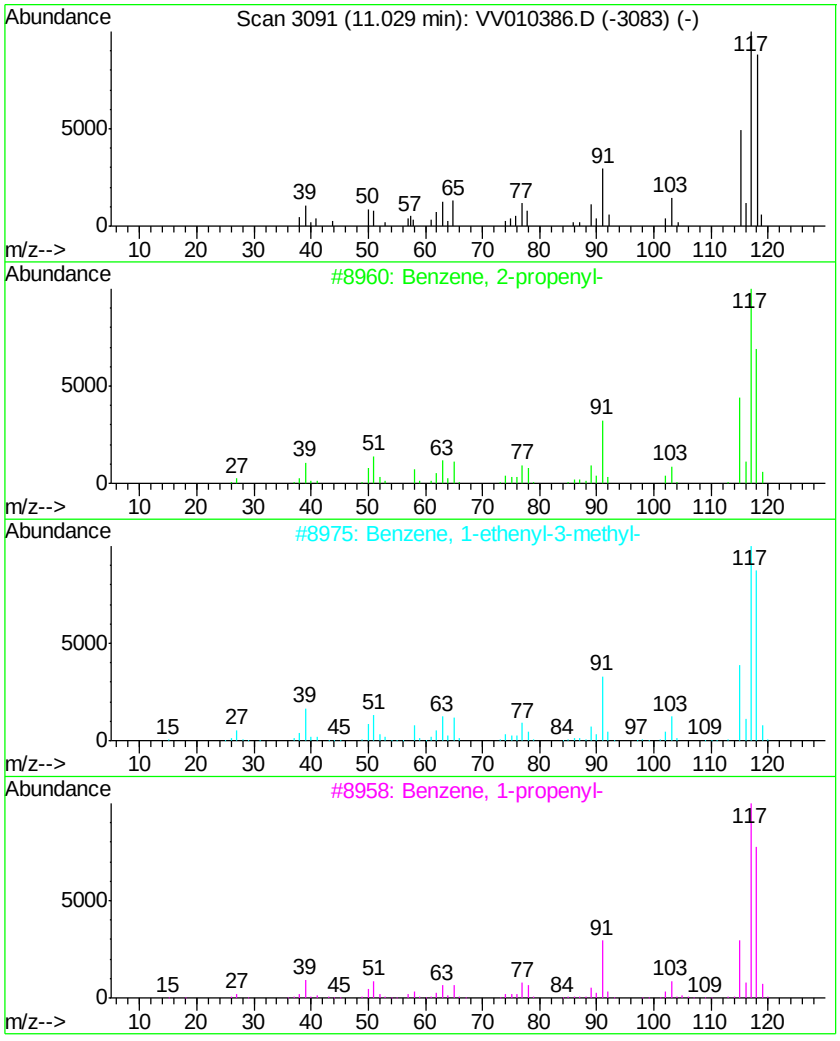
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

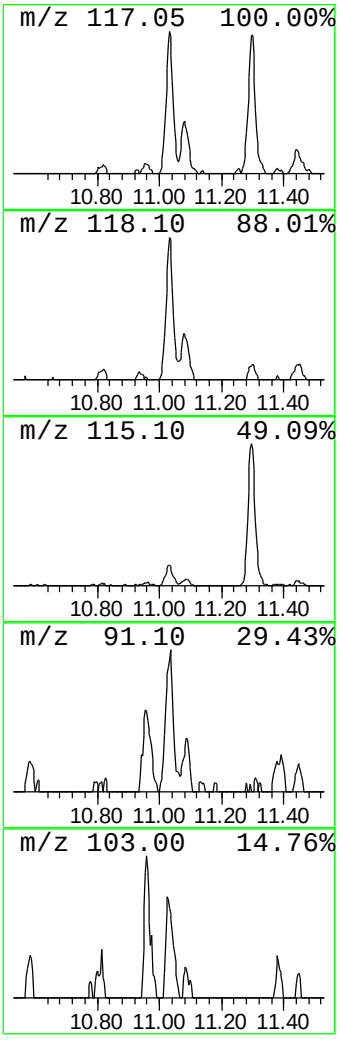
****

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	3.15 ug/L	38143	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	83
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
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Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

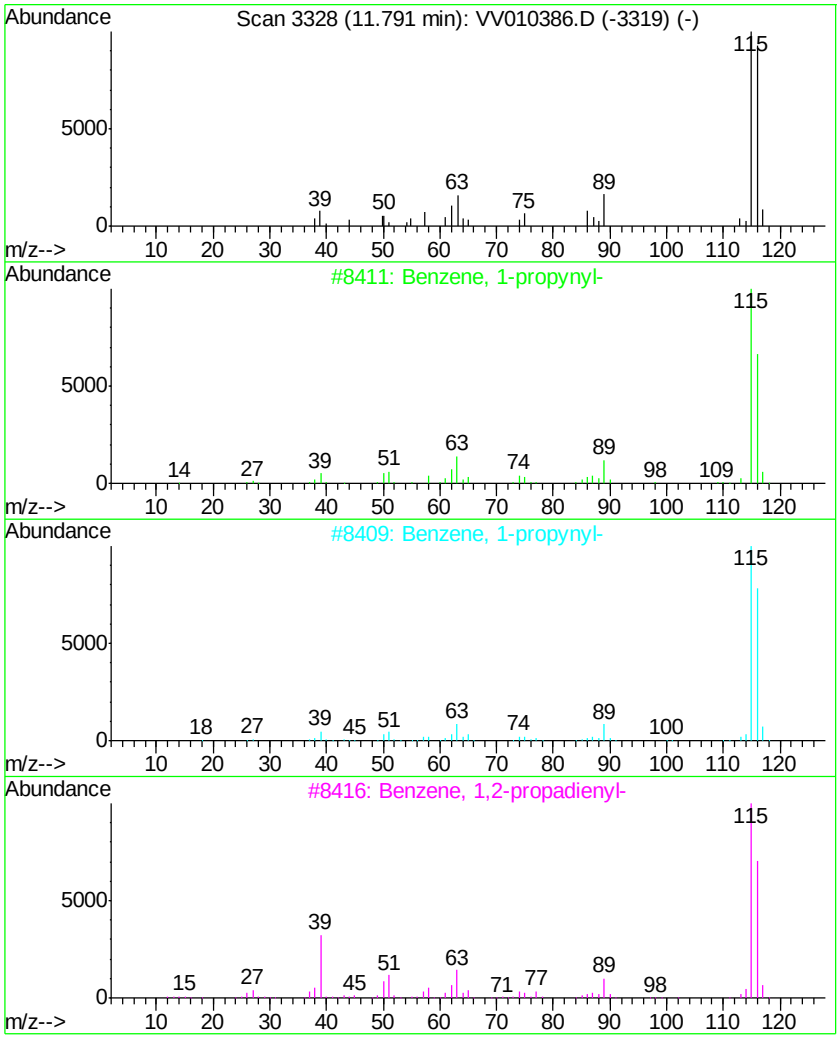
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

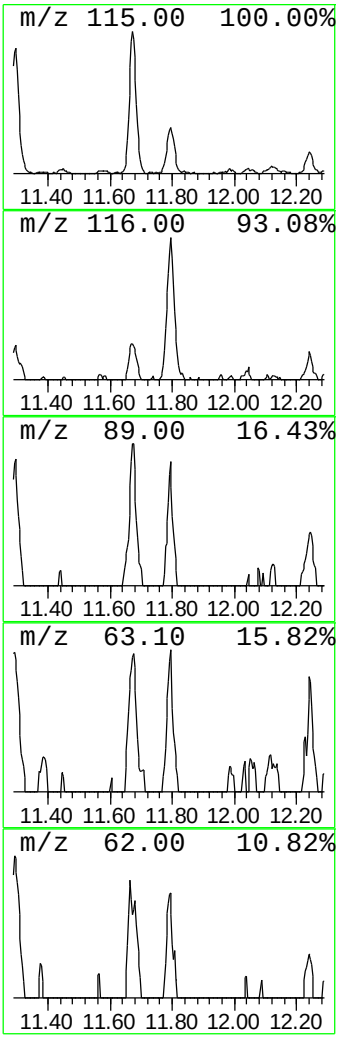
****

Peak Number 4 Benzene, 1-propynyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.73 ug/L	32956	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90
4	Indene	116	C9H8	000095-13-6	90
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

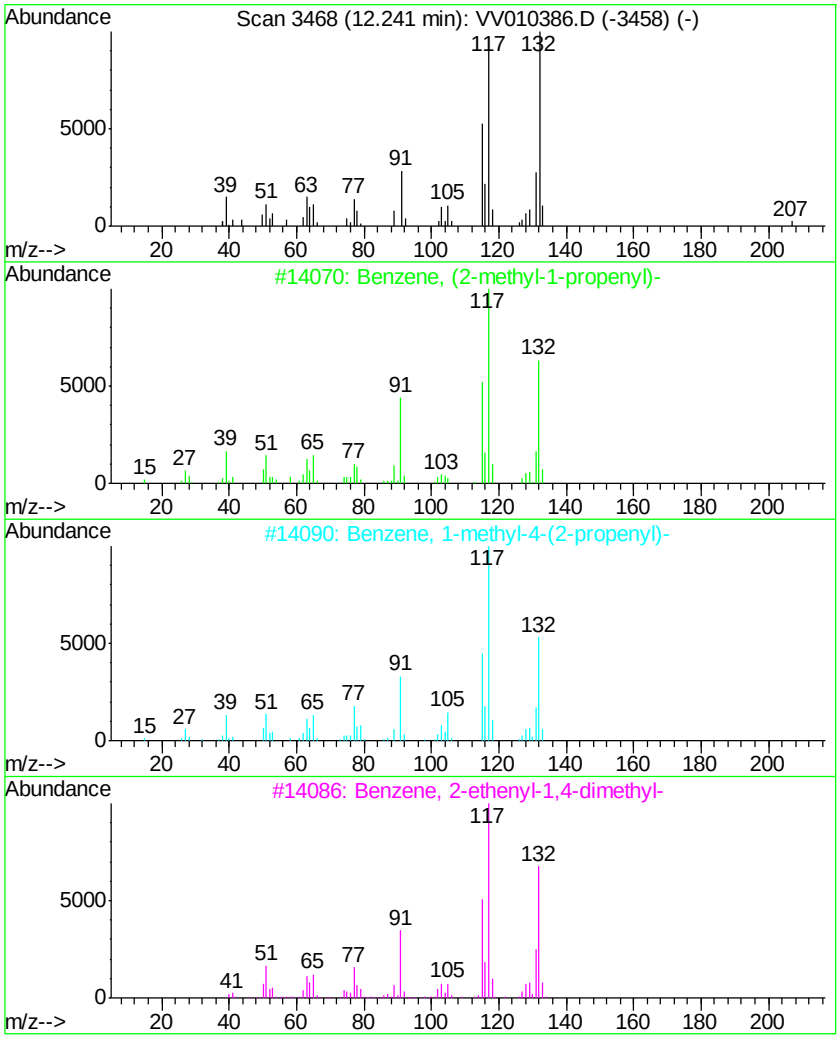
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

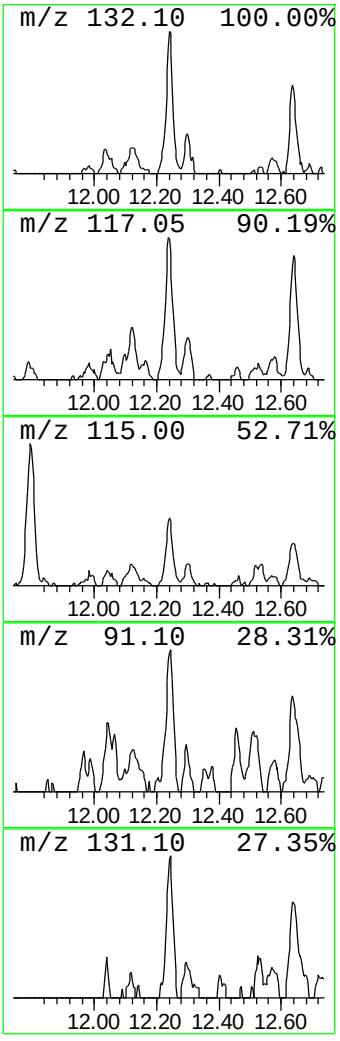
****

Peak Number 5 Benzene, (2-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.84 ug/L	46393	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	93
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

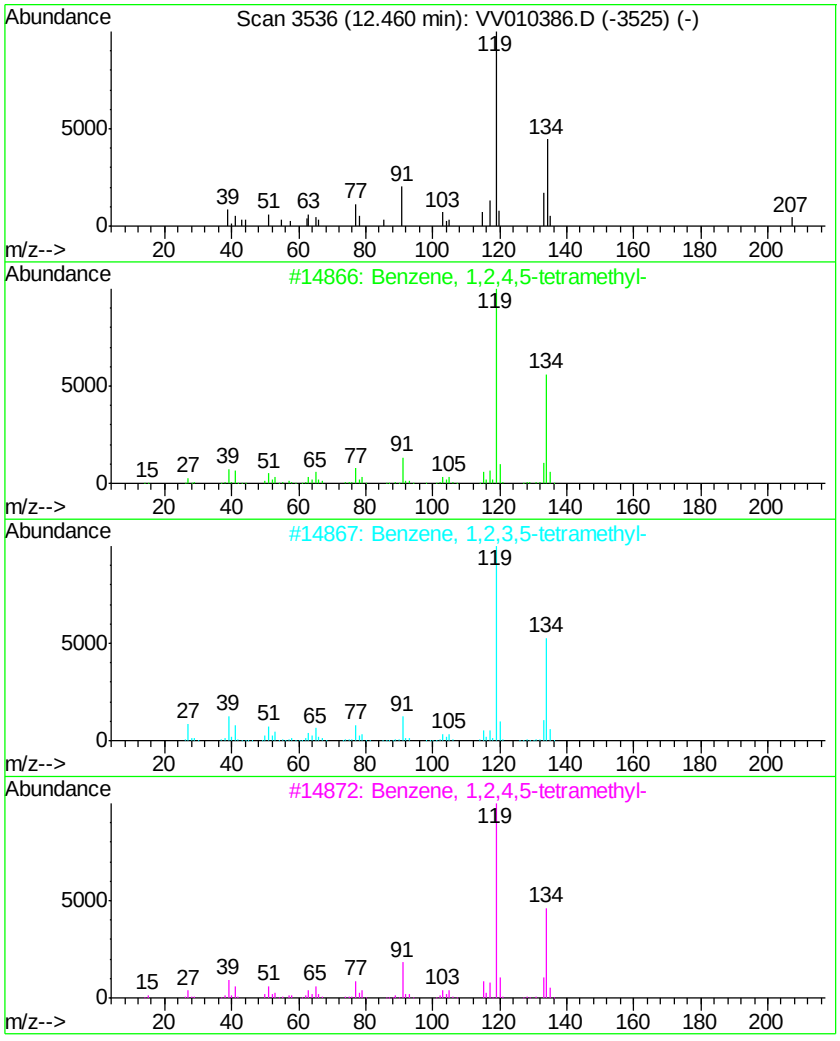
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

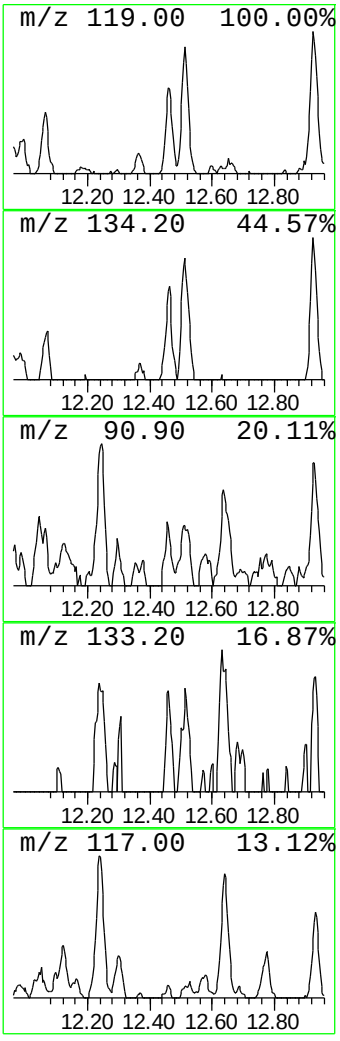
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	1.31 ug/L	15779	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
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, 1,4-diethyl-	134	C10H14	000105-05-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

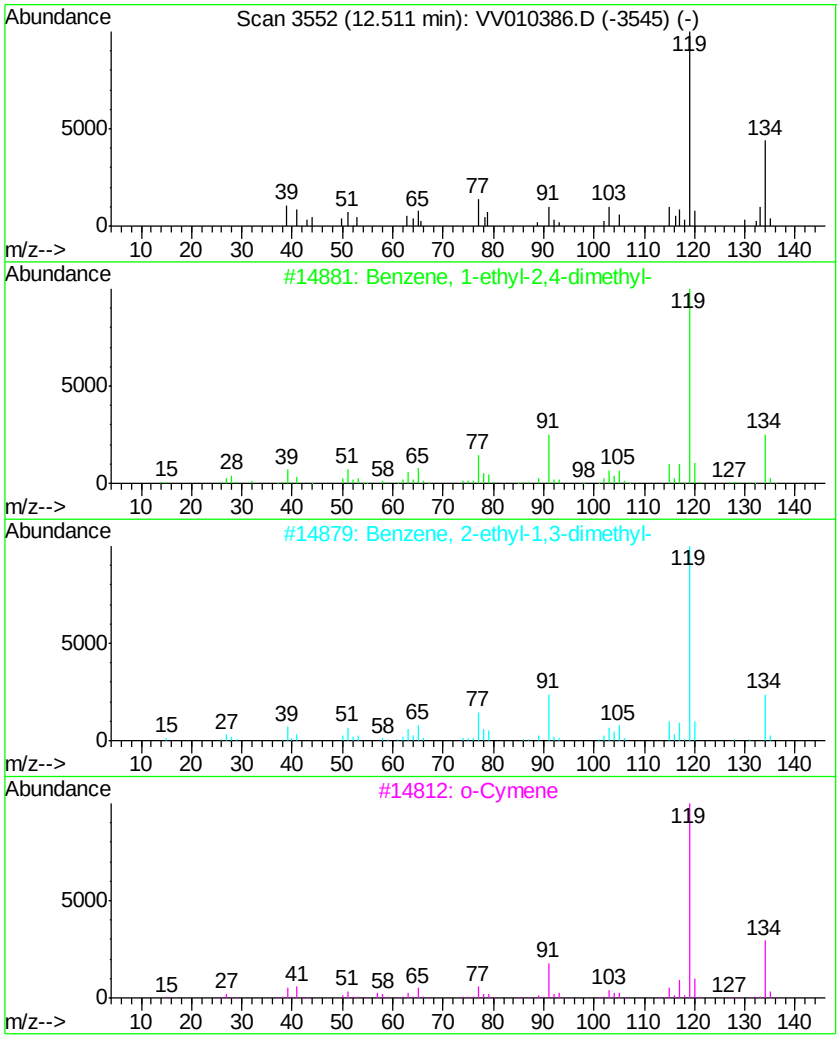
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

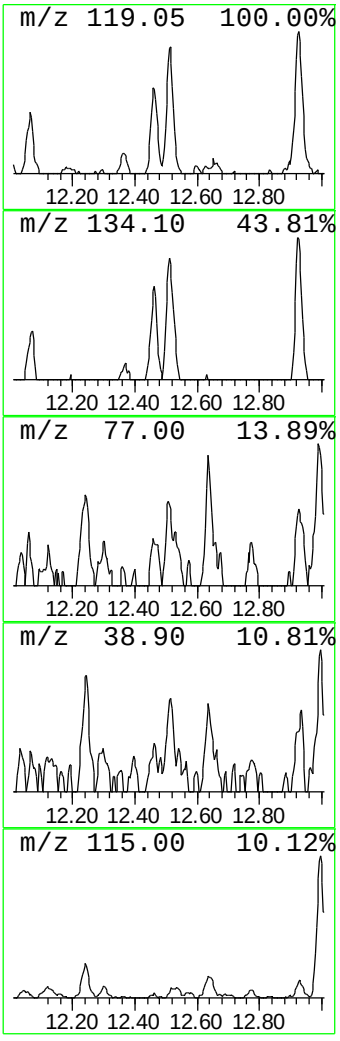
****

Peak Number 7 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.91 ug/L	35146	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
3	o-Cymene	134	C10H14	000527-84-4	80
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
5	p-Cymene	134	C10H14	000099-87-6	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

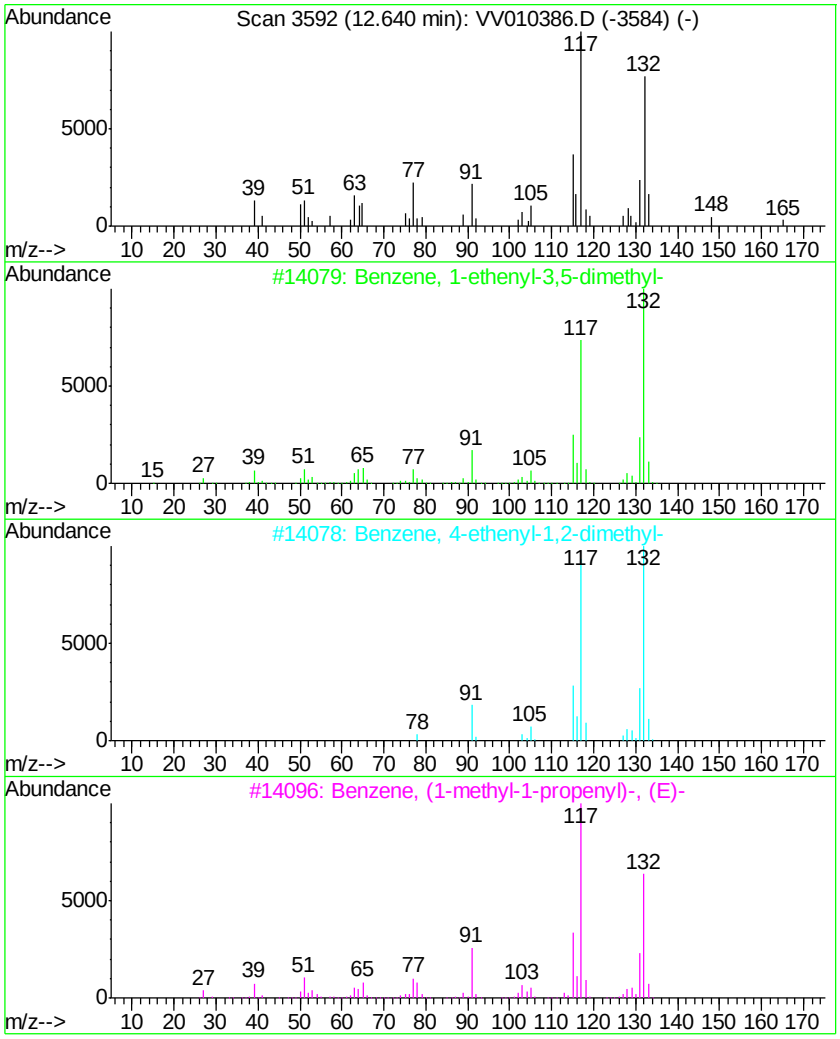
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

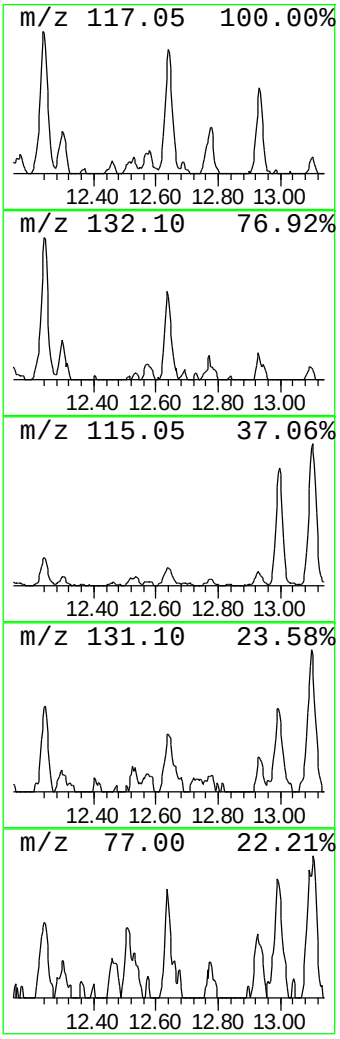
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.99 ug/L	36097	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	94
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	93
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

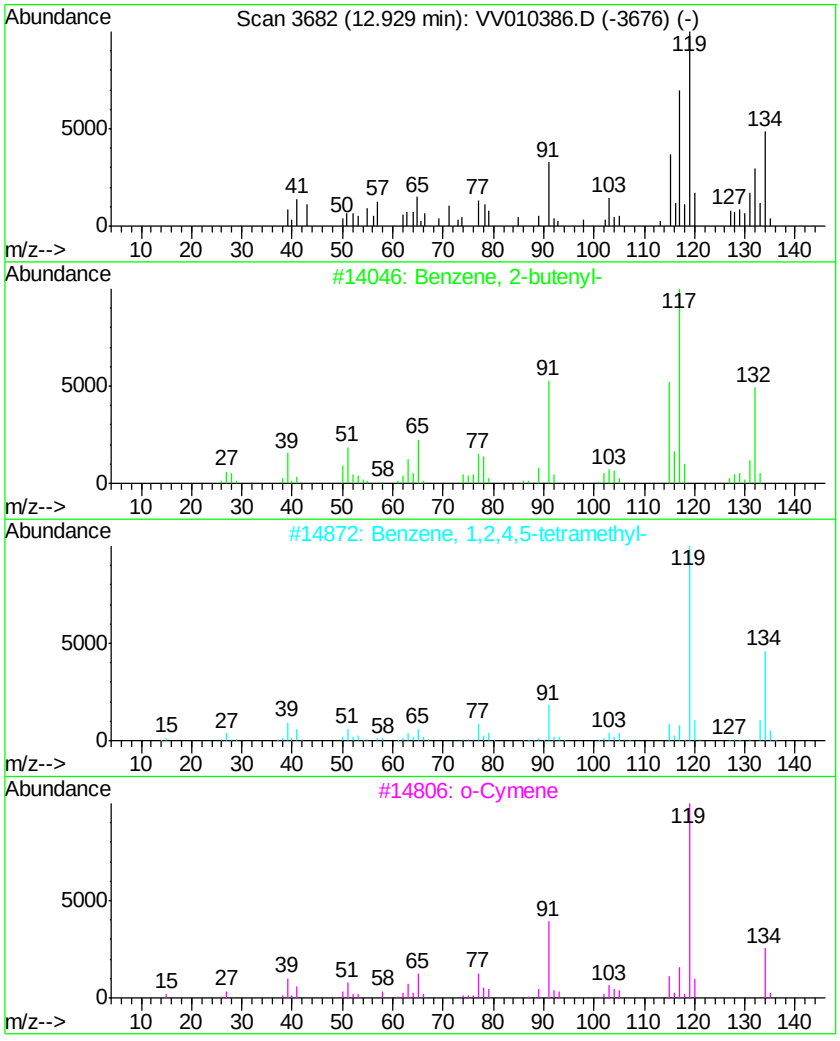
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

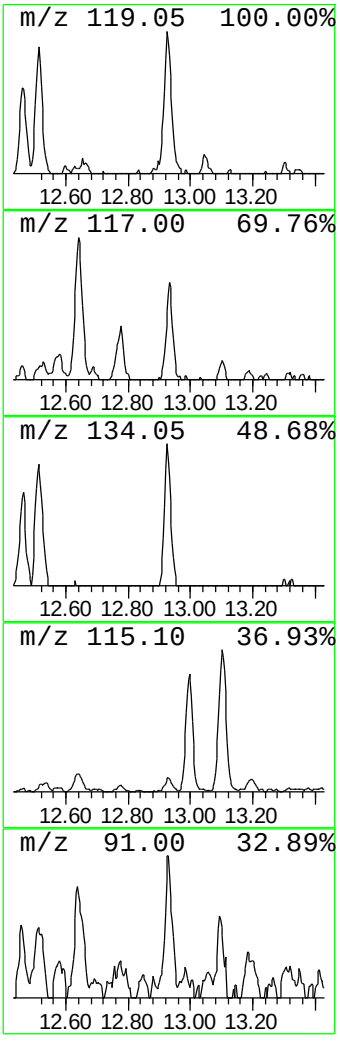
****

Peak Number 9 Benzene, 2-butenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	3.22 ug/L	38883	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49
3	o-Cymene	134	C10H14	000527-84-4	49
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	49
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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

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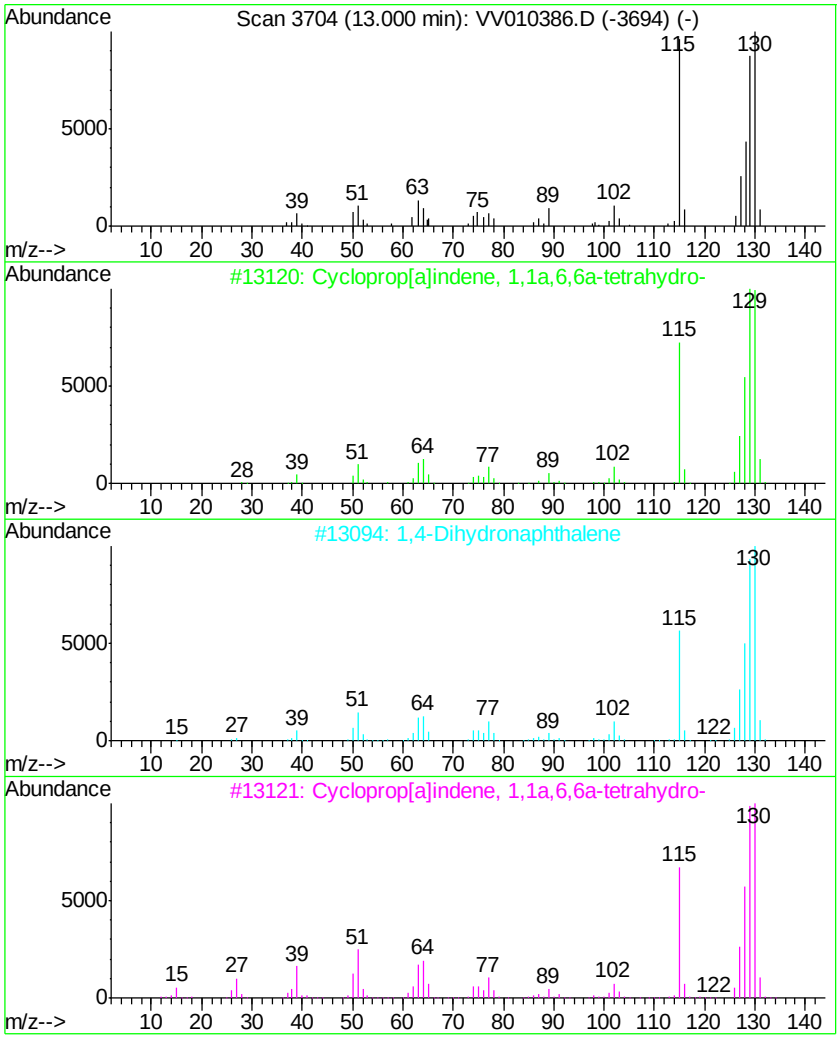
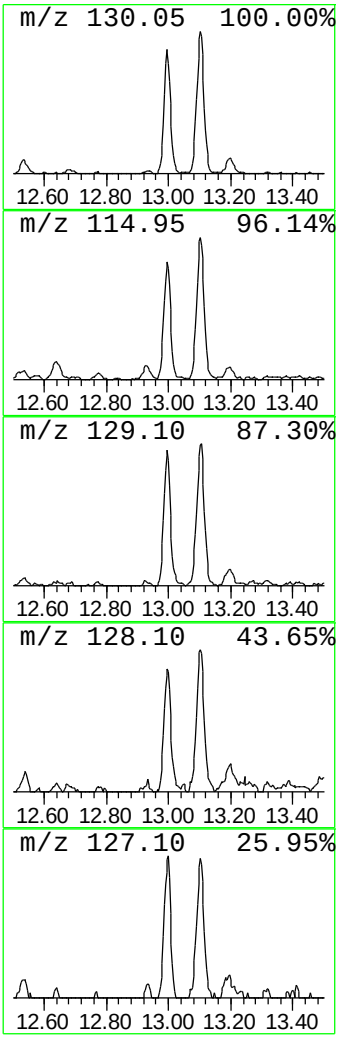
Peak Number 10 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	8.55 ug/L	103393	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	90
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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

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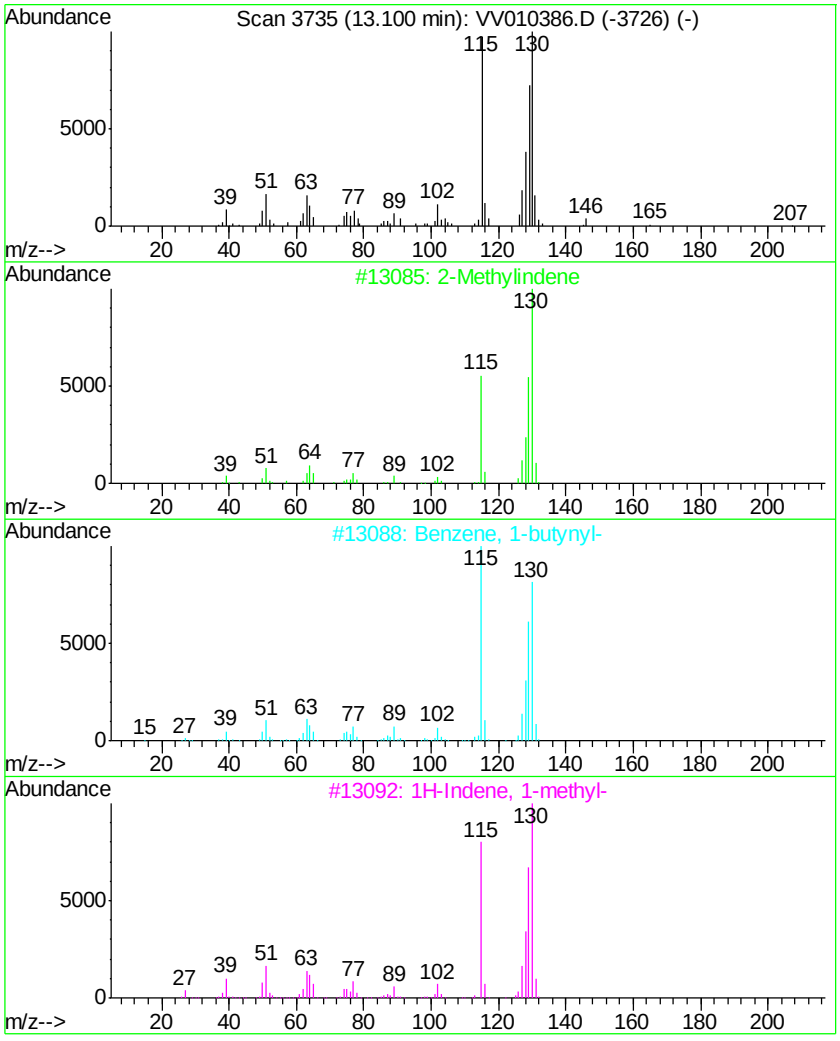
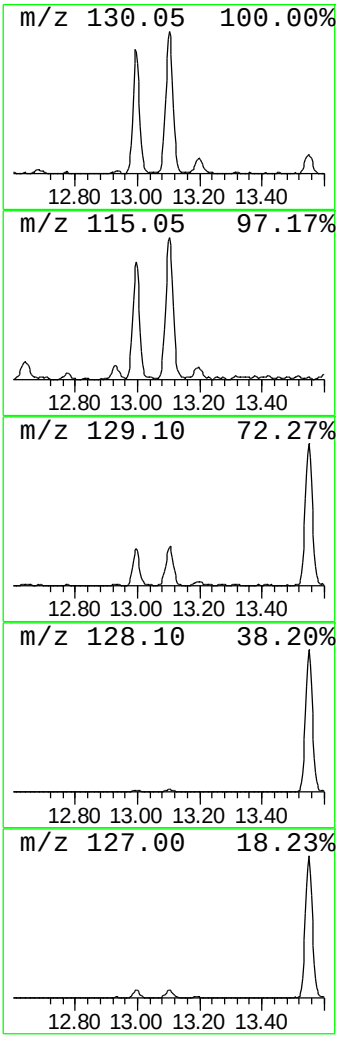
Peak Number 11 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	11.58 ug/L	140031	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

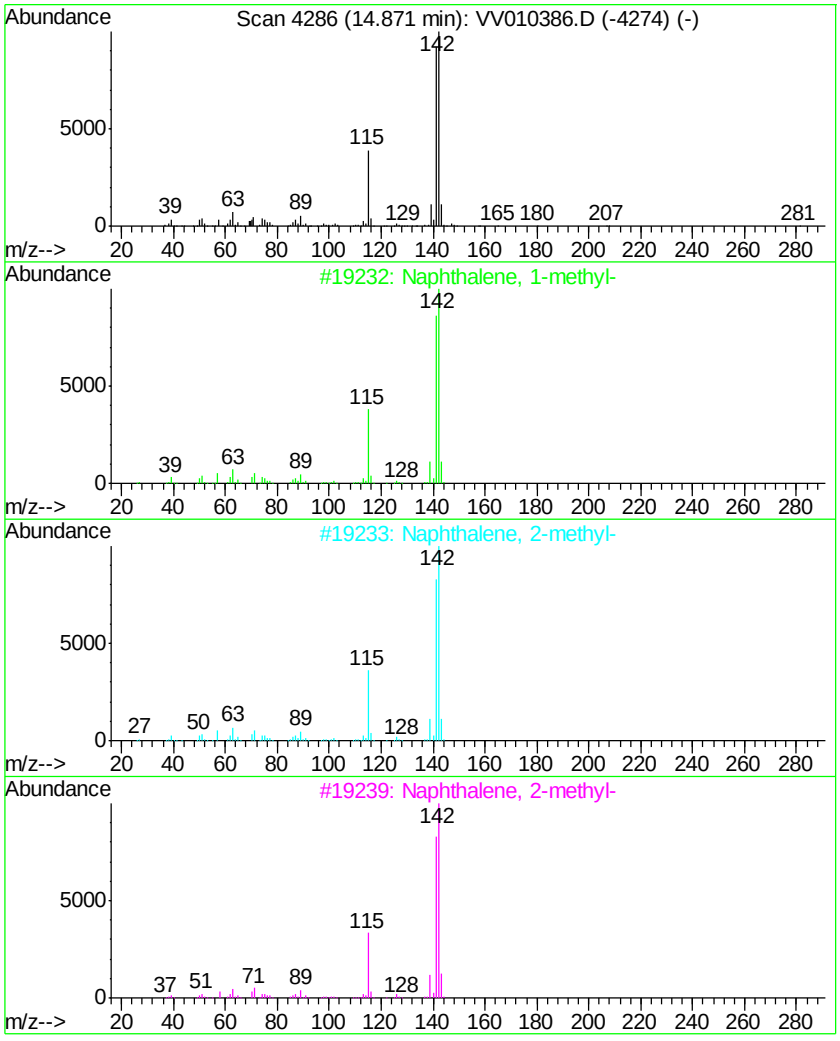
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

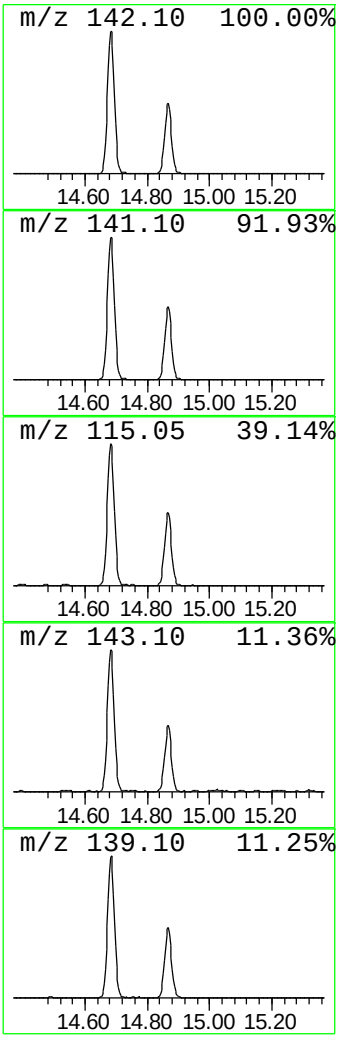
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	73.14 ug/L	884355	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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

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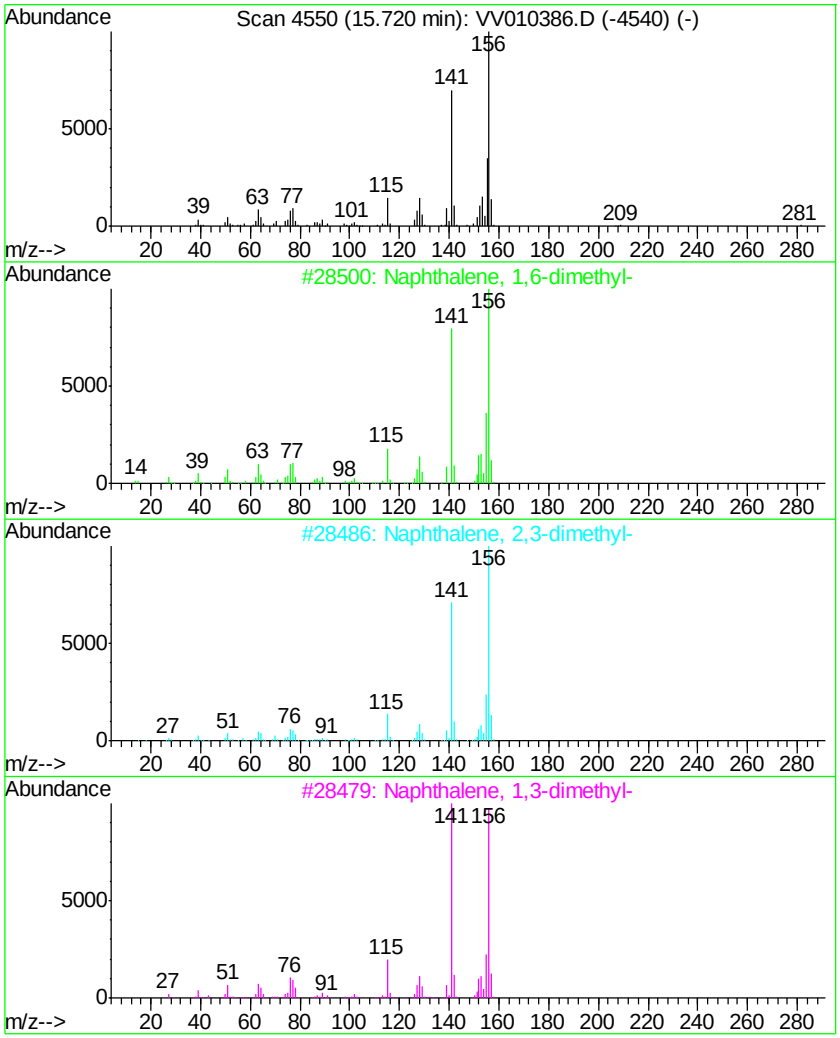
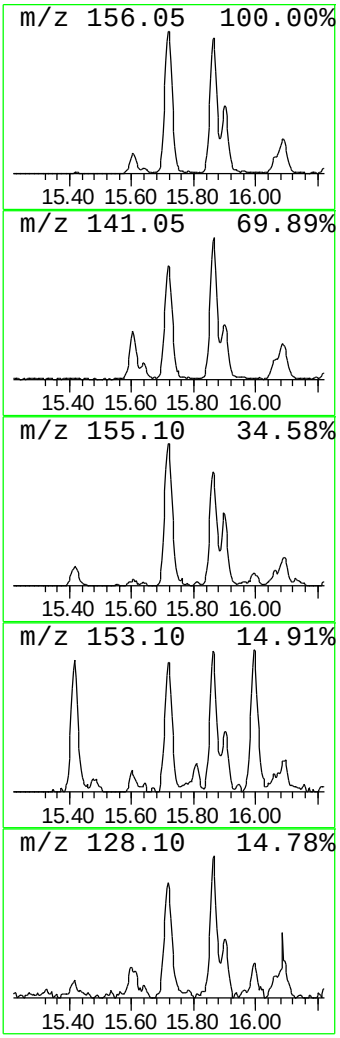
Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	19.43 ug/L	234980	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

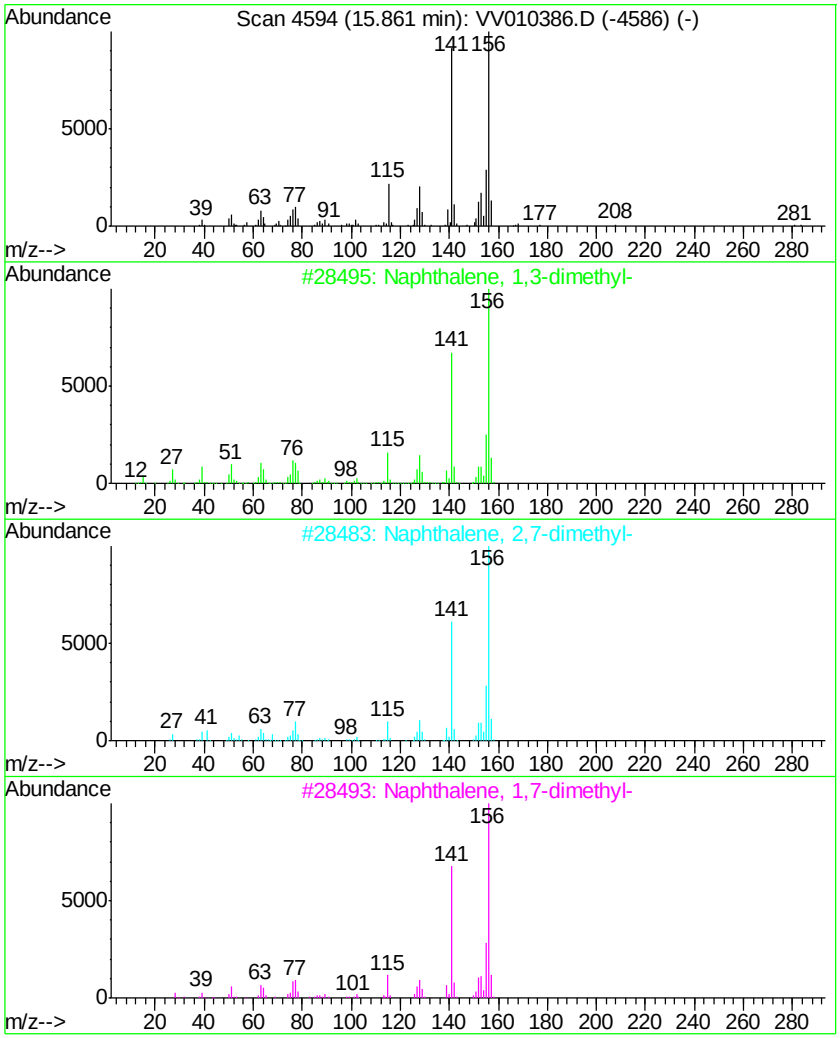
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

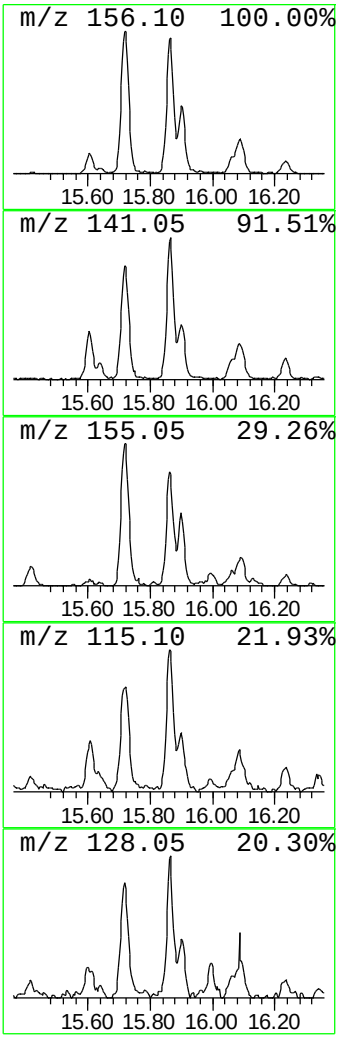
****

Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	18.20 ug/L	220015	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11RE
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	10.96	3.5	ug/L	41681	3	11.30	302277	25.0
Benzene, 2-propenyl-	11.03	3.1	ug/L	38143	3	11.30	302277	25.0
Benzene, 1-propynyl-	11.79	2.7	ug/L	32956	3	11.30	302277	25.0
Benzene, (2-methy...	12.24	3.8	ug/L	46393	3	11.30	302277	25.0
Benzene, 1,2,4,5-...	12.46	1.3	ug/L	15779	3	11.30	302277	25.0
Benzene, 1-ethyl-...	12.51	2.9	ug/L	35146	3	11.30	302277	25.0
Benzene, 1-etheny...	12.64	3.0	ug/L	36097	3	11.30	302277	25.0
Benzene, 2-butenyl-	12.93	3.2	ug/L	38883	3	11.30	302277	25.0
Cycloprop[a]inden...	13.00	8.6	ug/L	103393	3	11.30	302277	25.0
2-Methylindene	13.10	11.6	ug/L	140031	3	11.30	302277	25.0
Naphthalene, 1-me...	14.87	73.1	ug/L	884355	3	11.30	302277	25.0
Naphthalene, 1,6-...	15.72	19.4	ug/L	234980	3	11.30	302277	25.0
Naphthalene, 1,3-...	15.86	18.2	ug/L	220015	3	11.30	302277	25.0