LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

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_U\METHOD\SOMULM041719WMA.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	1.180	23	28	38	rVB2	16167	19282	0.25%	0.049%
2	1.293	59	63	67	rBV2	7049	6856	0.09%	0.017%
3	1.396	88	95	113	rBV	171772	251068	3.22%	0.633%
4	1.679	176	183	199	rBV	118238	242783	3.11%	0.612%
5	2.244	349	359	375	rBV	419028	673599	8.63%	1.698%
6	2.453	422	424	429	rVB4	1844	1370	0.02%	0.003%
7	2.691	487	498	503	rBV4	8243	15494	0.20%	0.039%
8	2.849	540	547	552	rBV5	1079	1319	0.02%	0.003%
9	3.077	614	618	622	rBV2	986	946	0.01%	0.002%
10	3.116	628	630	635	rVB3	990	750	0.01%	0.002%
11	3.196	652	655	659	rBV3	631	647	0.01%	0.002%
12	3.273	674	679	682	rBV6	1447	1119	0.01%	0.003%
13	3.392	713	716	722	rBV3	567	678	0.01%	0.002%
14	3.791	837	840	844	rVB	939	612	0.01%	0.002%
15	4.209	956	970	1016	rBV	102604	546460	7.00%	1.377%
16	4.643	1088	1105	1137	rVB2	289868	782804	10.03%	1.973%
17	4.881	1172	1179	1186	rVV7	1852	3065	0.04%	0.008%
18	4.971	1202	1207	1209	rBV3	961	830	0.01%	0.002%
19	5.331	1290	1319	1347	rBV4	576248	1705276	21.84%	4.298%
20	5.614	1401	1407	1410	rBV4	2688	2793	0.04%	0.007%
21	5.727	1439	1442	1445	rBV3	1167	623	0.01%	0.002%
22	5.881	1473	1490	1533	rBV	537244	1276699	16.35%	3.218%
23	6.174	1569	1581	1594	rBV	4944	12899	0.17%	0.033%
24	6.254	1604	1606	1611	rVV2	2451	2511	0.03%	0.006%
25	6.328	1615	1629	1661	rVV	331126	760015	9.73%	1.915%
26	6.476	1672	1675	1685	rVB7	2089	2306	0.03%	0.006%
27	6.514	1685	1687	1693	rVB5	1315	1048	0.01%	0.003%
28	6.559	1694	1701	1703	rBV5	740	735	0.01%	0.002%
29	6.887	1797	1803	1805	rBV3	1028	1136	0.01%	0.003%
30	6.907	1805	1809	1810	rBV3	1160	772	0.01%	0.002%
31	6.961	1822	1826	1831	rBV3	1136	764	0.01%	0.002%
32	7.228	1894	1909	1938	rBV2	176652	400642	5.13%	1.010%
33	7.389	1954	1959	1965	rBV6	1021	1432	0.02%	0.004%
34	7.563	1998	2013	2034	rBV	818932	1596158	20.44%	4.023%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

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_U\METHOD\SOMULM041719WMA.M
Title : VOC Analysis

35	7.800	2084	2087	2090	rBV3	979	757	0.01%	0.002%
36	7.855	2090	2104	2131	rVV	130243	312547	4.00%	0.788%
37	8.038	2156	2161	2164	rBV5	2001	2238	0.03%	0.006%
38	8.341	2240	2255	2290	rBV	367157	1040000	13.32%	2.621%
39	8.752	2380	2383	2387	rBV3	799	686	0.01%	0.002%
40	8.813	2399	2402	2406	rBV3	1008	863	0.01%	0.002%
41	8.939	2439	2441	2444	rBV2	986	694	0.01%	0.002%
42	8.987	2454	2456	2460	rVB3	845	633	0.01%	0.002%
43	9.093	2474	2489	2519	rBV	795016	1589377	20.36%	4.006%
44	9.254	2531	2539	2550	rBV	19048	31421	0.40%	0.079%
45	9.315	2557	2558	2563	rVB2	1220	634	0.01%	0.002%
46	9.376	2566	2577	2596	rBV	139082	261325	3.35%	0.659%
47	9.662	2664	2666	2671	rVB2	1029	631	0.01%	0.002%
48	9.794	2692	2707	2728	rBV4	129649	314397	4.03%	0.792%
49	10.032	2778	2781	2783	rBV3	1022	695	0.01%	0.002%
50	10.177	2821	2826	2831	rVB5	1897	1964	0.03%	0.005%
51	10.202	2831	2834	2837	rBV	1185	809	0.01%	0.002%
52	10.296	2858	2863	2867	rBV4	1234	1377	0.02%	0.003%
53	10.328	2871	2873	2875	rVB3	1514	643	0.01%	0.002%
54	10.437	2892	2907	2925	rBV	597711	993785	12.73%	2.505%
55	10.595	2946	2956	2963	rBV6	6734	10108	0.13%	0.025%
56	10.685	2973	2984	3000	rBV	31648	72726	0.93%	0.183%
57	10.775	3002	3012	3024	rVV2	40713	71299	0.91%	0.180%
58	10.855	3035	3037	3040	rVB3	1387	701	0.01%	0.002%
59	10.974	3065	3074	3077	rBV3	12330	16542	0.21%	0.042%
60	11.061	3098	3101	3104	rBV5	1276	1003	0.01%	0.003%
61	11.148	3111	3128	3140	rBV	151622	256555	3.29%	0.647%
62	11.218	3141	3150	3159	rVV	160287	255015	3.27%	0.643%
63	11.270	3160	3166	3181	rVB	58789	91570	1.17%	0.231%
64	11.485	3220	3233	3251	rBV	1025137	1637145	20.97%	4.126%
65	11.572	3251	3260	3270	rVV	44915	76428	0.98%	0.193%
66	11.630	3273	3278	3289	rVB2	16739	26652	0.34%	0.067%
67	11.710	3299	3303	3308	rVB8	1566	1728	0.02%	0.004%
68	11.768	3312	3321	3329	rBV3	25962	43352	0.56%	0.109%
69	11.861	3338	3350	3375	rVB	789232	1316466	16.86%	3.318%
70	11.980	3375	3387	3411	rBV	751467	1250395	16.01%	3.151%
71	12.148	3432	3439	3442	rBV5	8592	10796	0.14%	0.027%

LSC Area Percent Report

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Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

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_U\METHOD\SOMULM041719WMA.M
Title : VOC Analysis

72	12.225	3457	3463	3466	rBV6	12111	14827	0.19%	0.037%
73	12.308	3481	3489	3499	rBV10	10787	21896	0.28%	0.055%
74	12.427	3518	3526	3536	rVV2	52300	76474	0.98%	0.193%
75	12.485	3538	3544	3557	rVB8	17262	31659	0.41%	0.080%
76	12.649	3590	3595	3602	rVB2	18613	24616	0.32%	0.062%
77	12.701	3604	3611	3624	rBV3	32507	63639	0.82%	0.160%
78	12.826	3641	3650	3661	rBV3	38781	70112	0.90%	0.177%
79	12.964	3686	3693	3704	rVB6	15407	23319	0.30%	0.059%
80	13.029	3710	3713	3720	rVB7	3276	3388	0.04%	0.009%
81	13.122	3733	3742	3751	rBV4	85683	128795	1.65%	0.325%
82	13.186	3752	3762	3780	rVV2	224636	363912	4.66%	0.917%
83	13.289	3783	3794	3811	rVB	289759	505914	6.48%	1.275%
84	13.450	3840	3844	3852	rBV7	5261	6592	0.08%	0.017%
85	13.508	3857	3862	3869	rVB6	12525	17472	0.22%	0.044%
86	13.739	3921	3934	3962	rBV	4940558	7807726	100.00%	19.678%
87	14.138	4050	4058	4066	rBV3	55016	86567	1.11%	0.218%
88	14.337	4112	4120	4128	rBV3	57296	89186	1.14%	0.225%
89	14.463	4150	4159	4176	rVB3	45236	103772	1.33%	0.262%
90	14.729	4237	4242	4260	rVB2	41284	77075	0.99%	0.194%
91	14.874	4275	4287	4313	rBV	3738705	5993195	76.76%	15.105%
92	15.057	4333	4344	4364	rVB	1642380	2719333	34.83%	6.854%
93	15.607	4507	4515	4528	rBV	128084	195354	2.50%	0.492%
94	15.797	4567	4574	4581	rBV2	109006	158712	2.03%	0.400%
95	15.909	4598	4609	4625	rBV	654695	1156272	14.81%	2.914%
96	16.057	4645	4655	4661	rBV	590683	908500	11.64%	2.290%
97	16.192	4689	4697	4708	rVV	104062	166975	2.14%	0.421%
98	16.282	4711	4725	4746	rVB2	166179	409994	5.25%	1.033%
99	16.430	4764	4771	4781	rVB2	71454	102618	1.31%	0.259%
100	16.530	4792	4802	4814	rVB4	169393	339837	4.35%	0.857%

Sum of corrected areas: 39677179

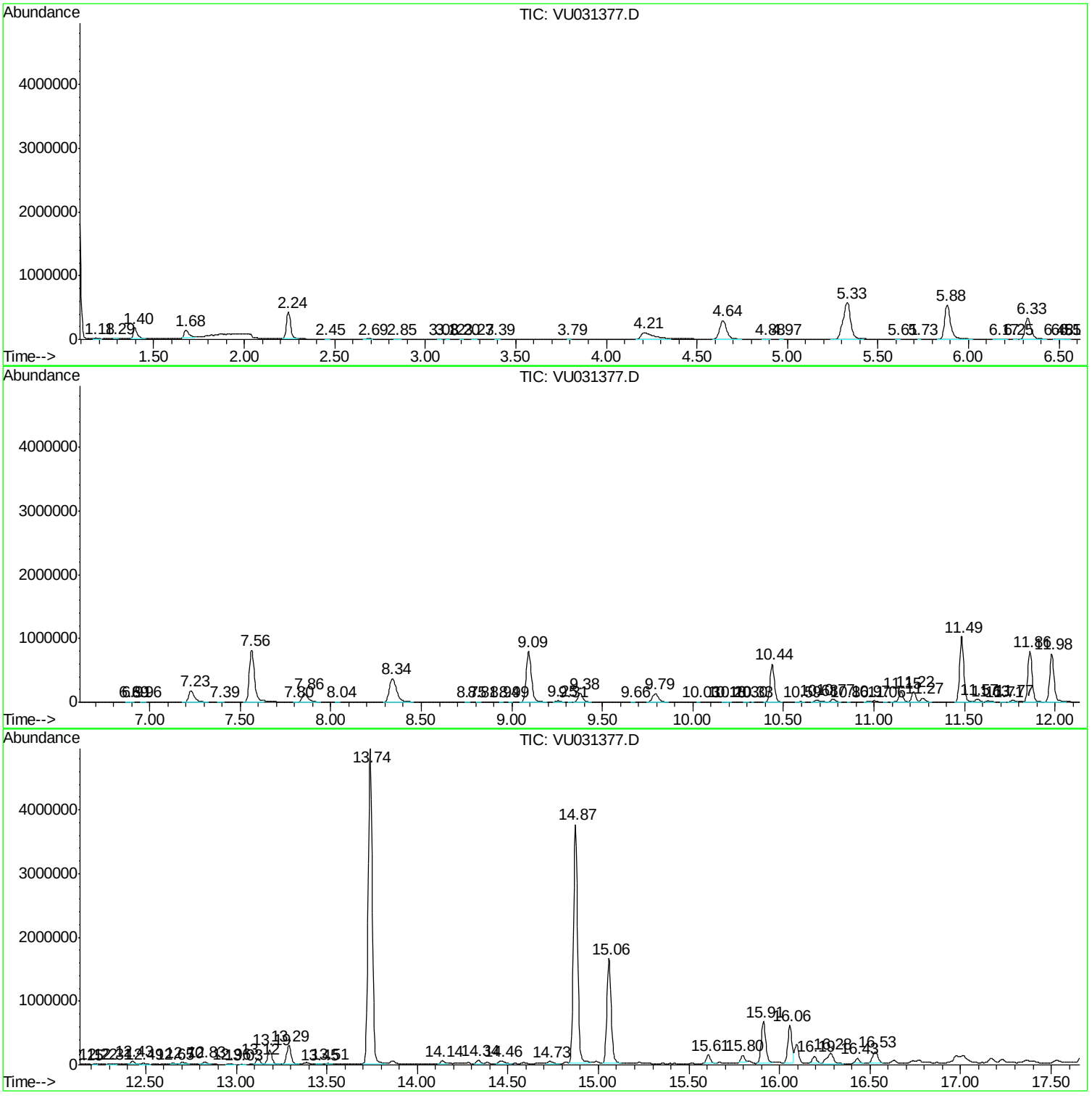
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

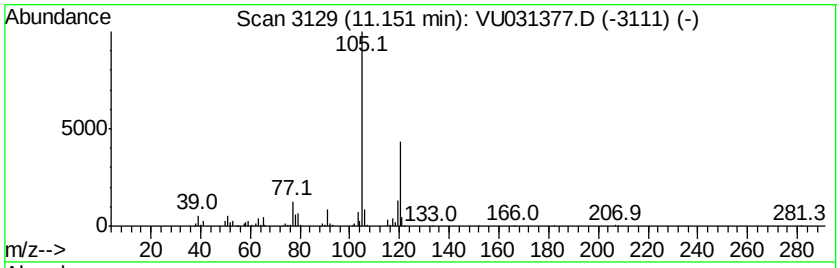
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

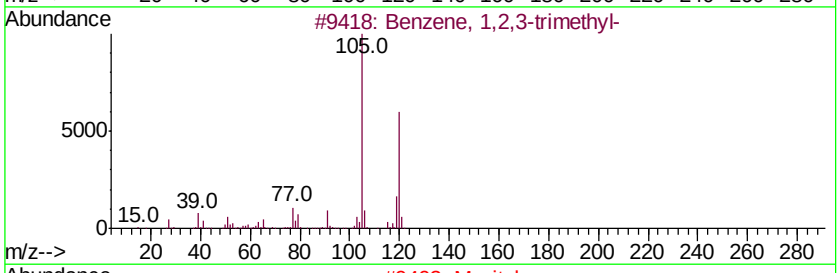
****

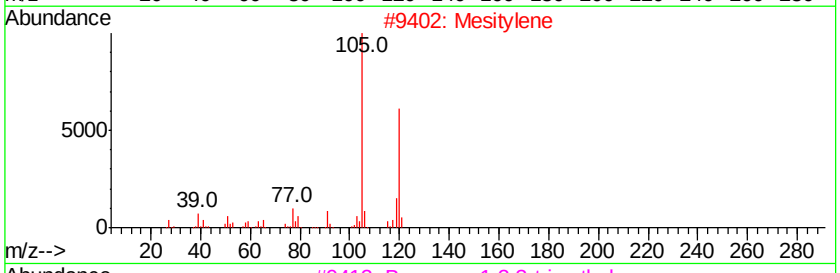
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 12

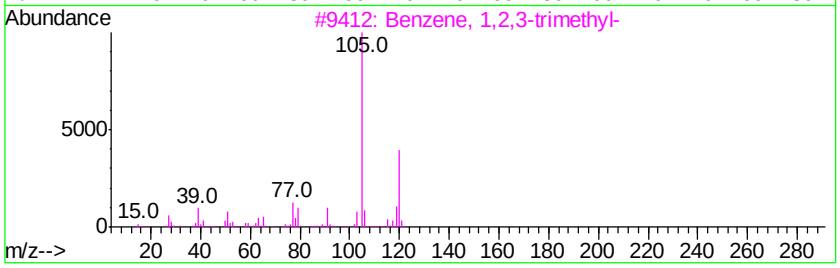
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	7.84 ug/L	256555	1,4-Dichlorobenzene-d4	11.49

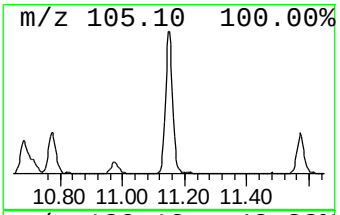
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91

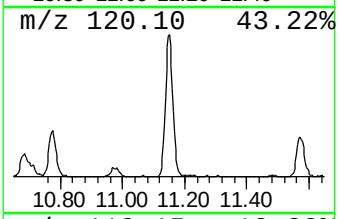


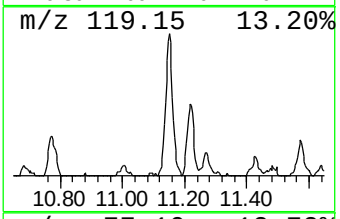


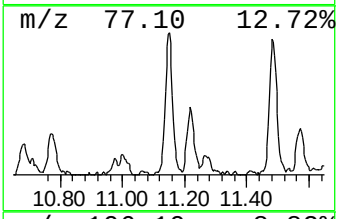


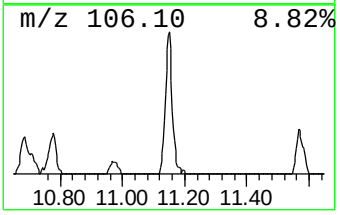












Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
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Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

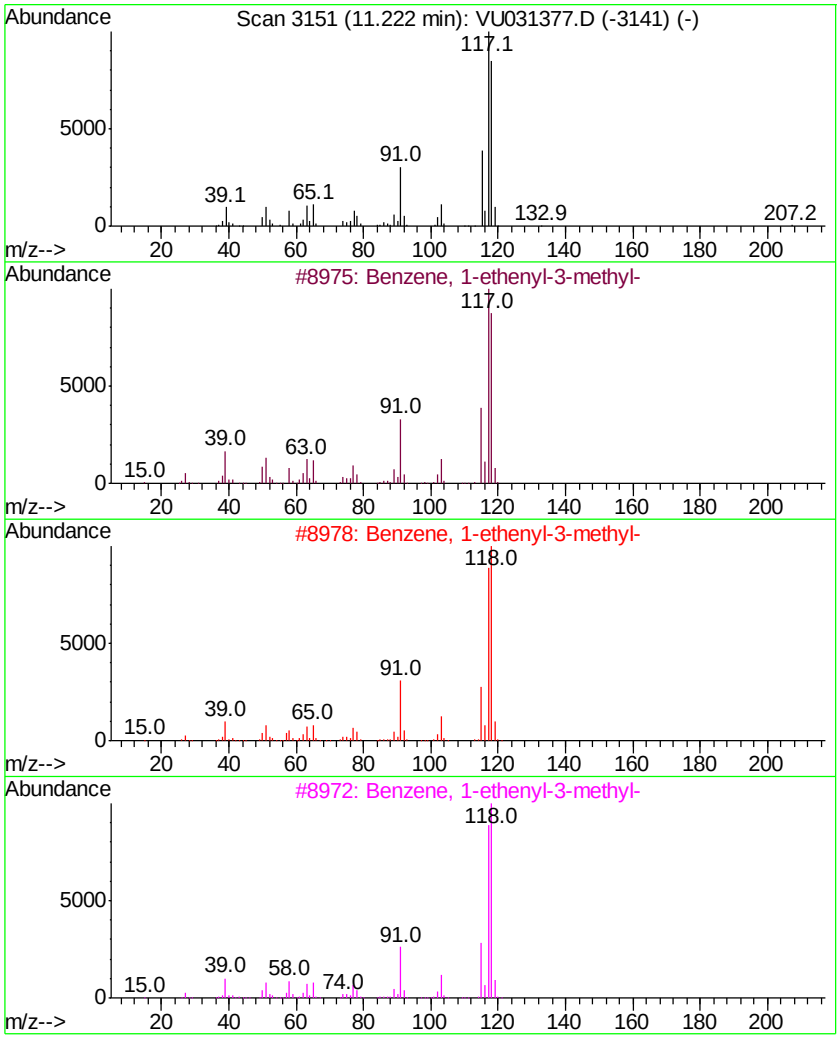
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

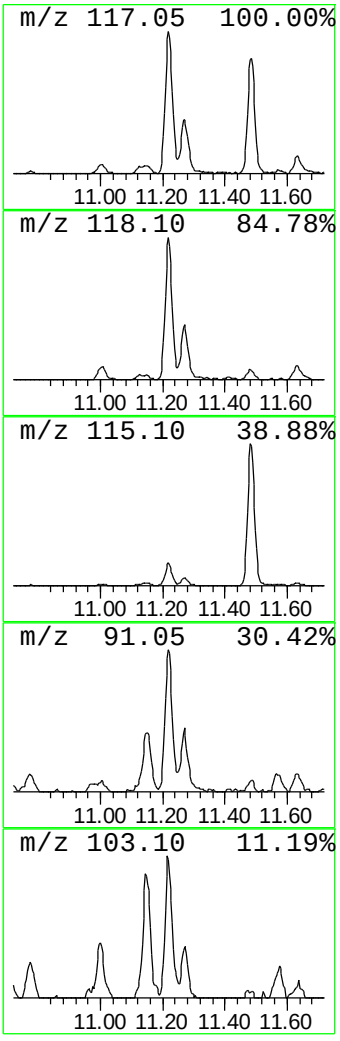
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	7.79 ug/L	255015	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

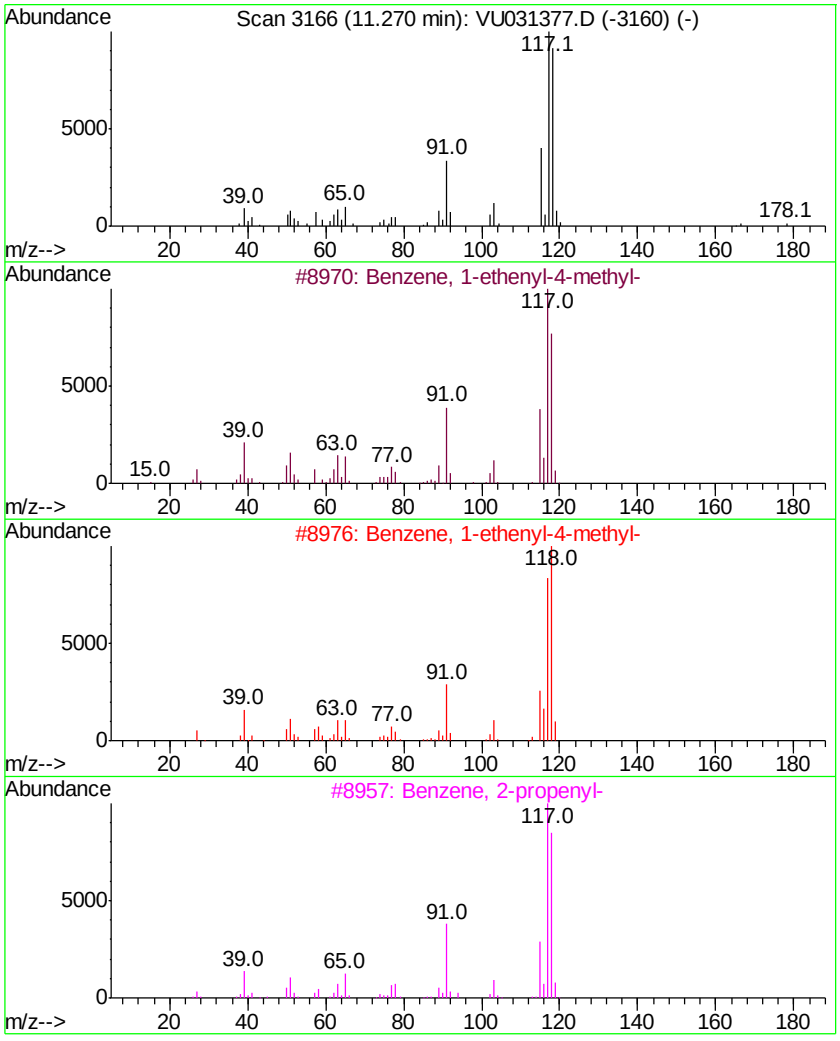
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

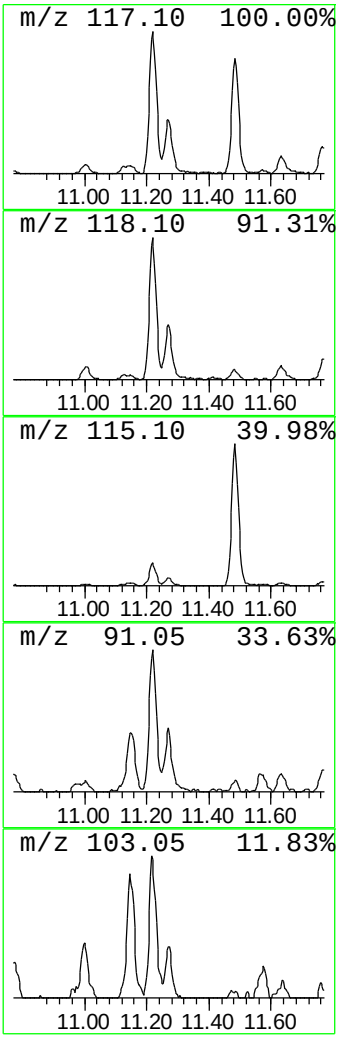
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.80 ug/L	91570	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	81
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

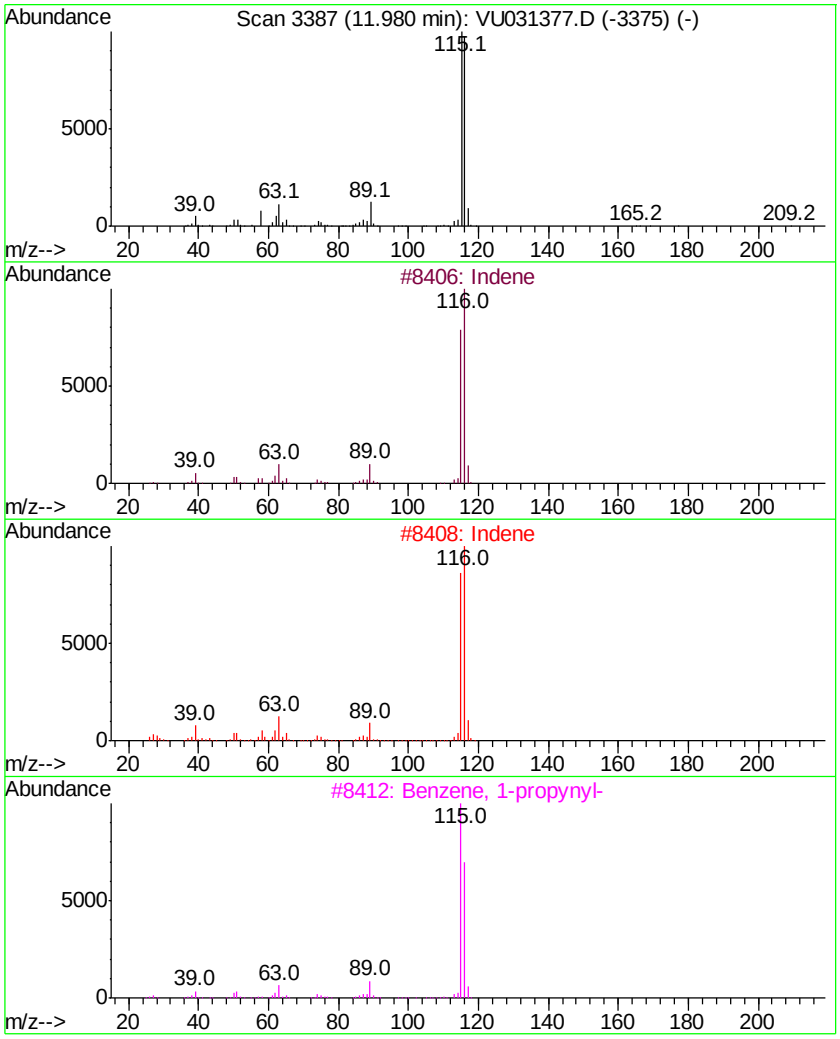
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

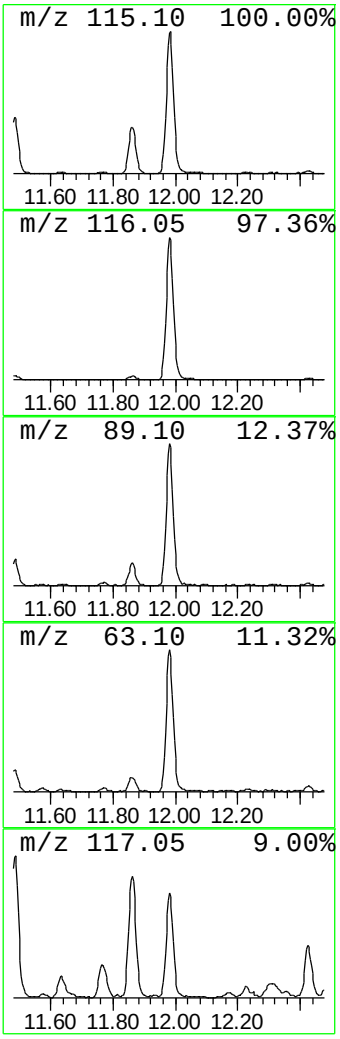
****

Peak Number 5 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	38.19 ug/L	1250400	1,4-Dichlorobenzene-d4	11.49

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





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

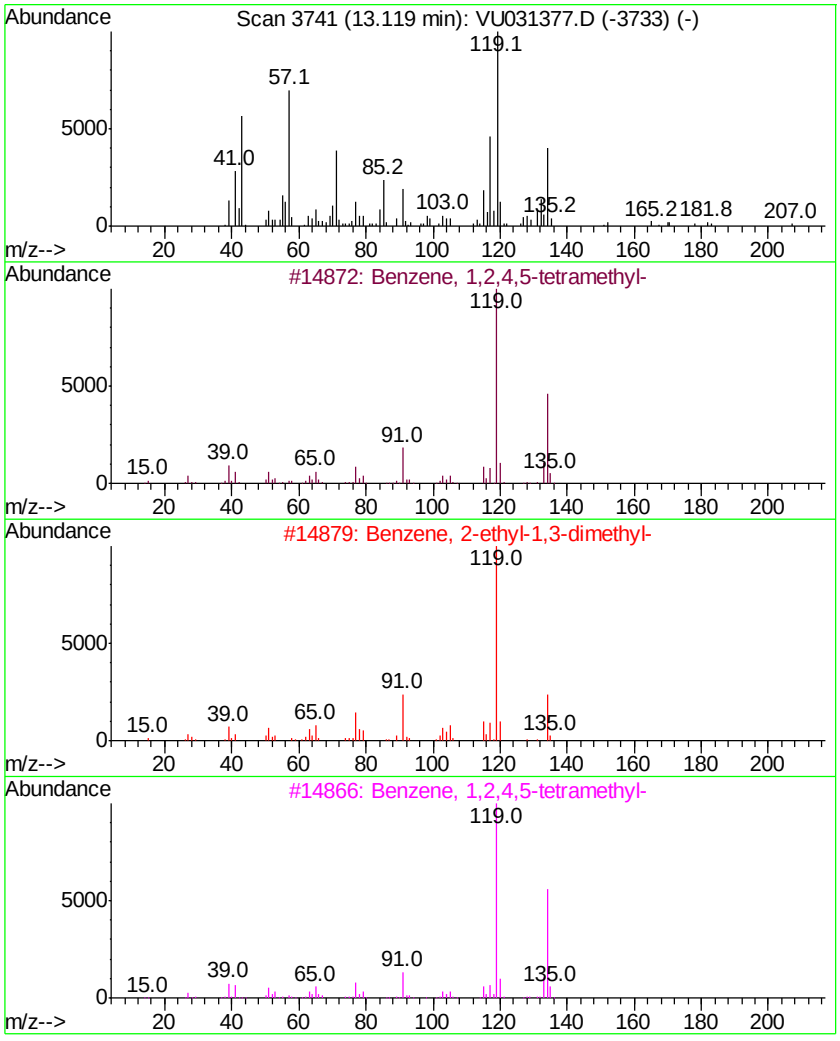
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

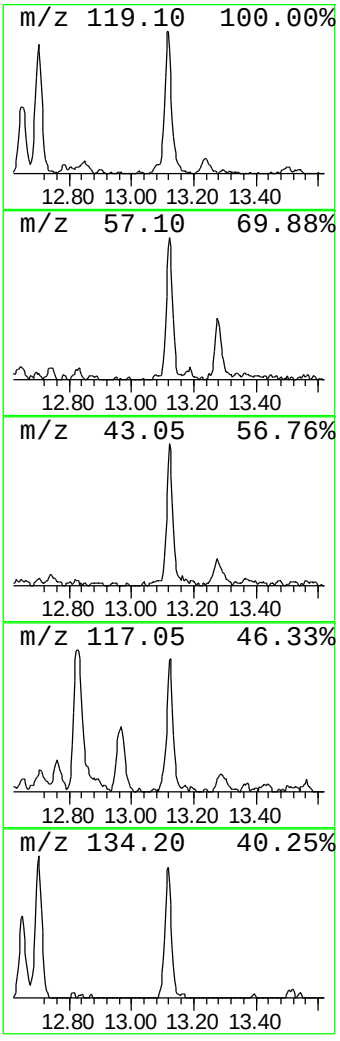
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.93 ug/L	128795	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5	p-Cymene	134	C10H14	000099-87-6	50





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Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

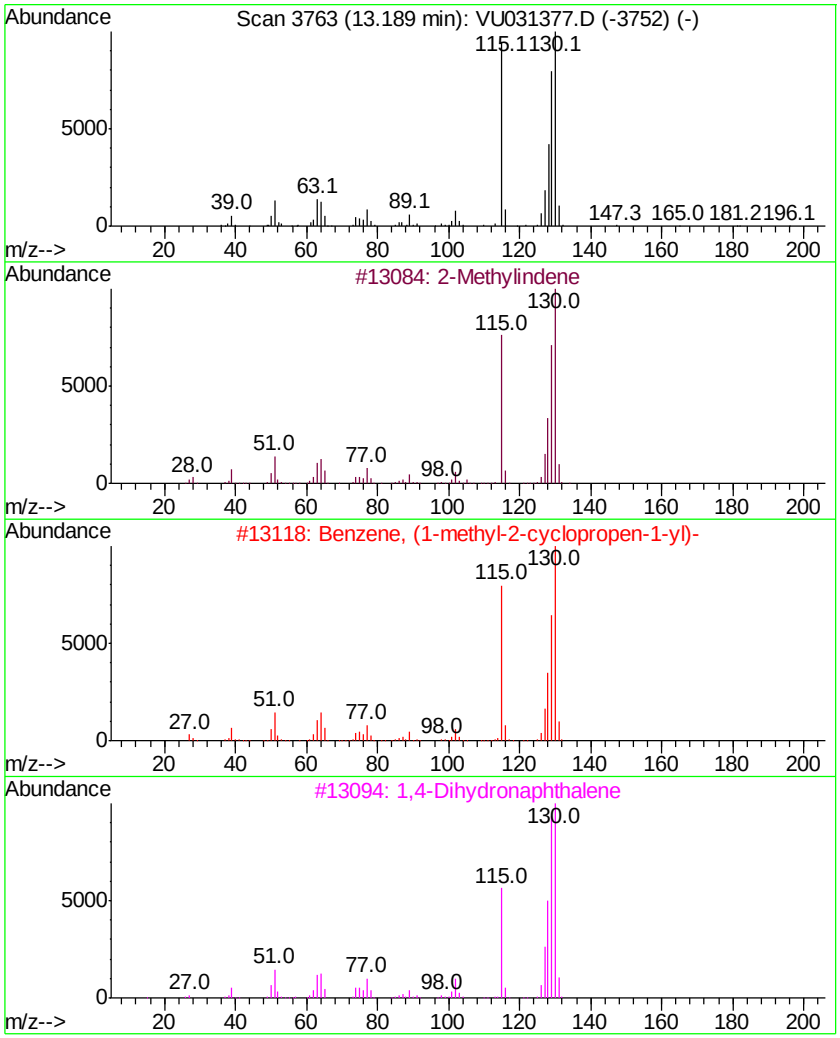
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

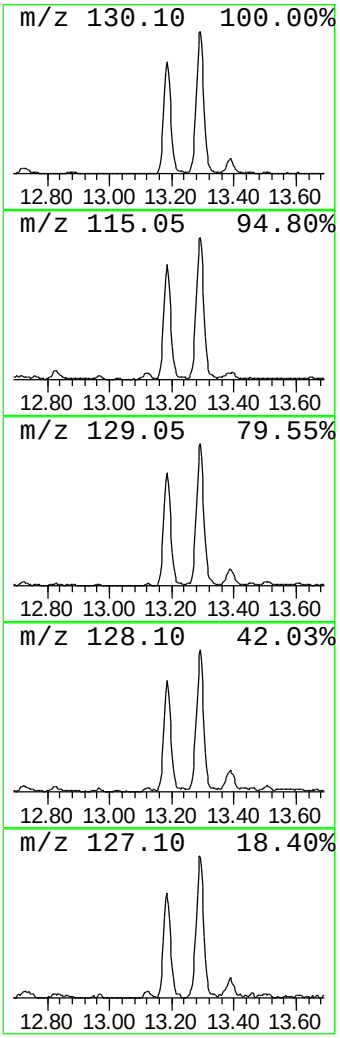
****

Peak Number 7 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	11.11 ug/L	363912	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

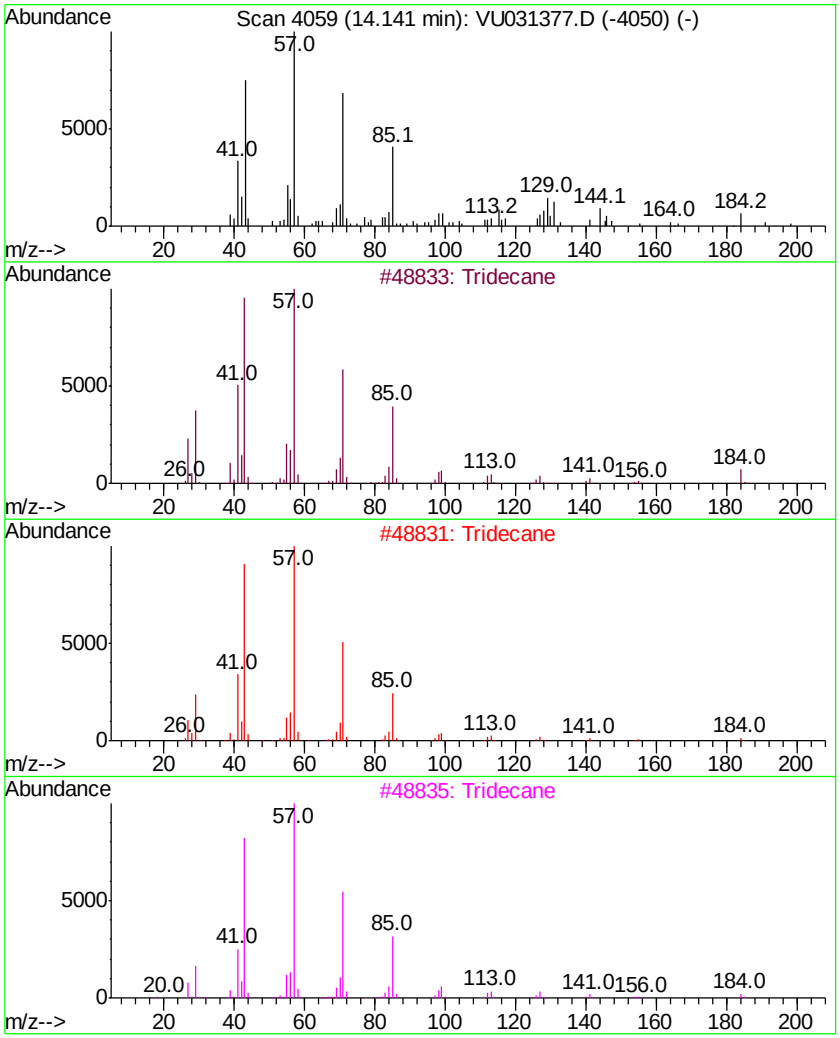
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

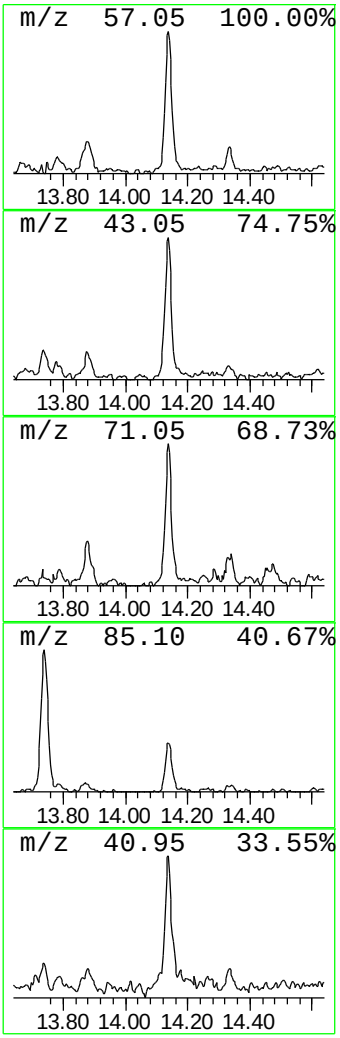
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.64 ug/L	86567	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane	184	C13H28	000629-50-5	87
3	Tridecane	184	C13H28	000629-50-5	81
4	Tridecane	184	C13H28	000629-50-5	72
5	Heptadecane	240	C17H36	000629-78-7	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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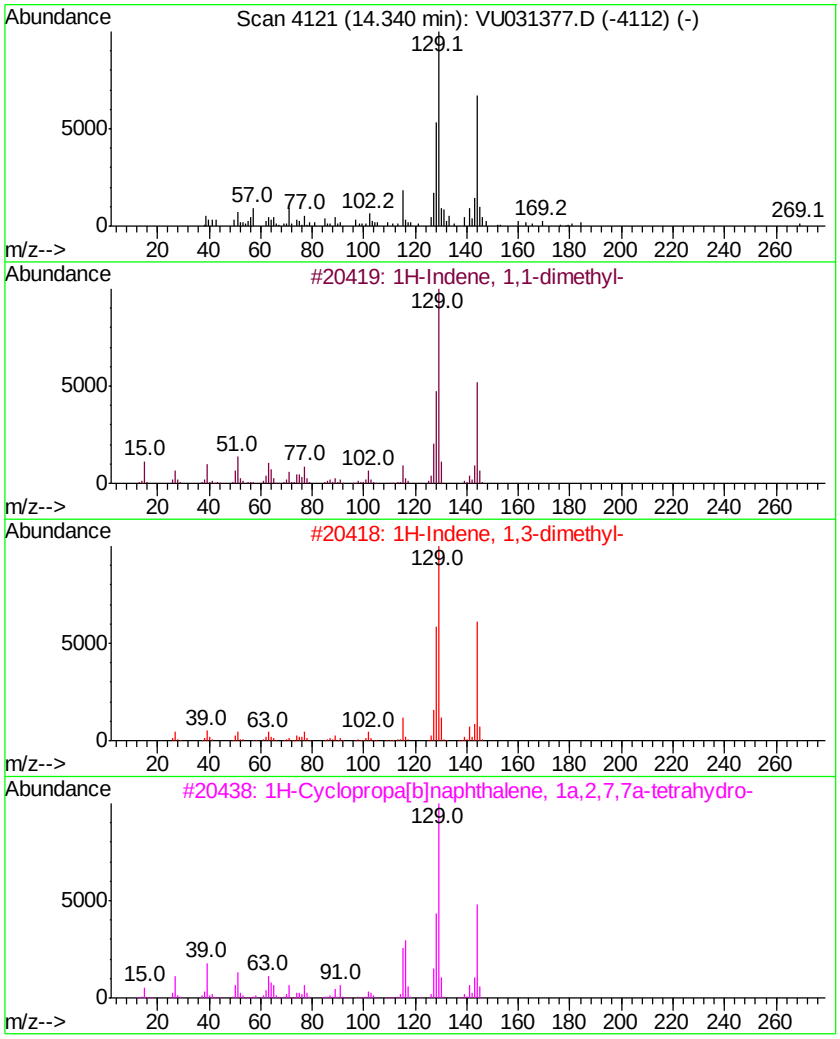
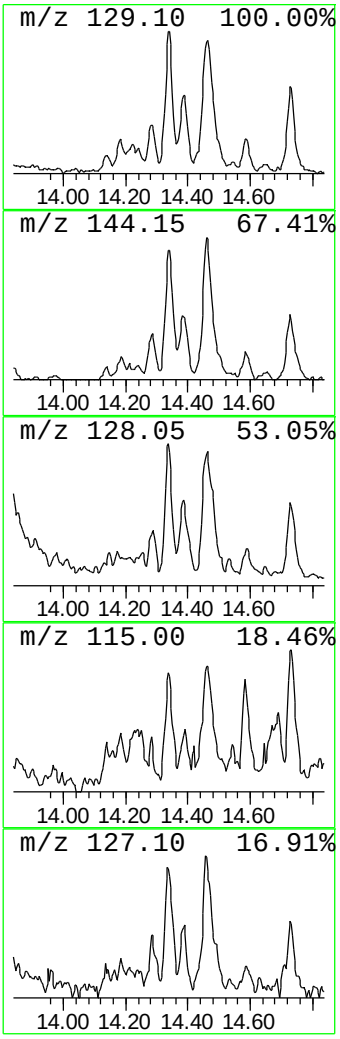
Peak Number 11 1H-Indene, 1,1-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.72 ug/L	89186	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
3	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	91
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	86





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Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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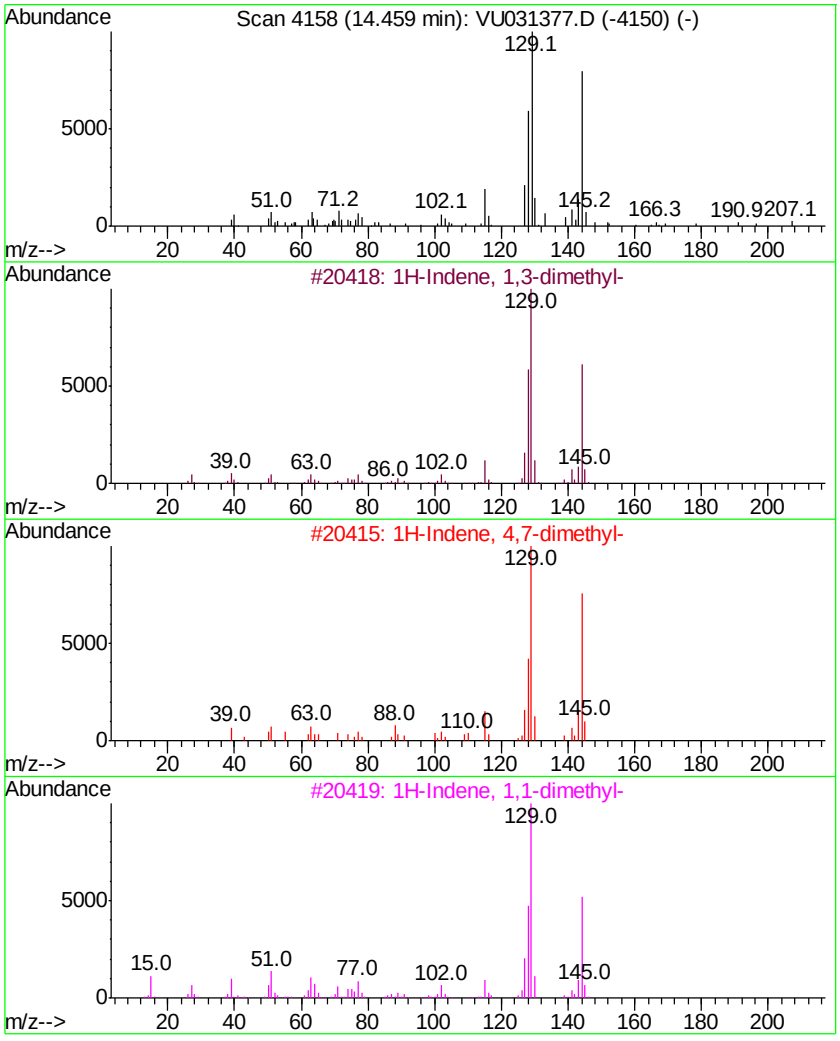
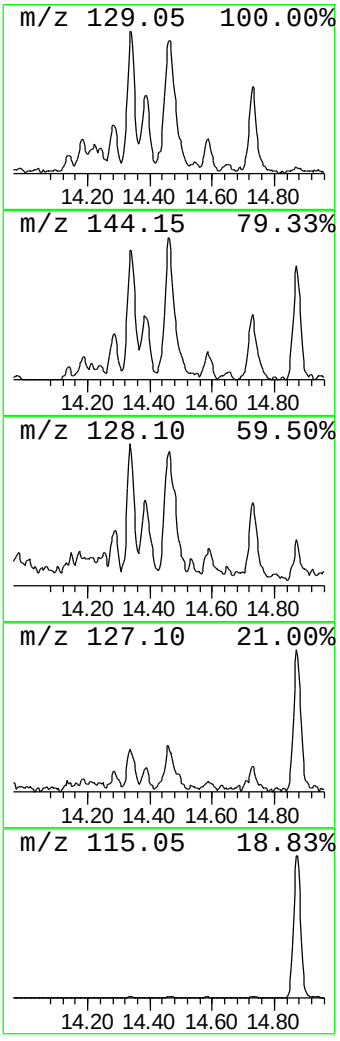
Peak Number 12 1H-Indene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.17 ug/L	103772	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
4	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	90
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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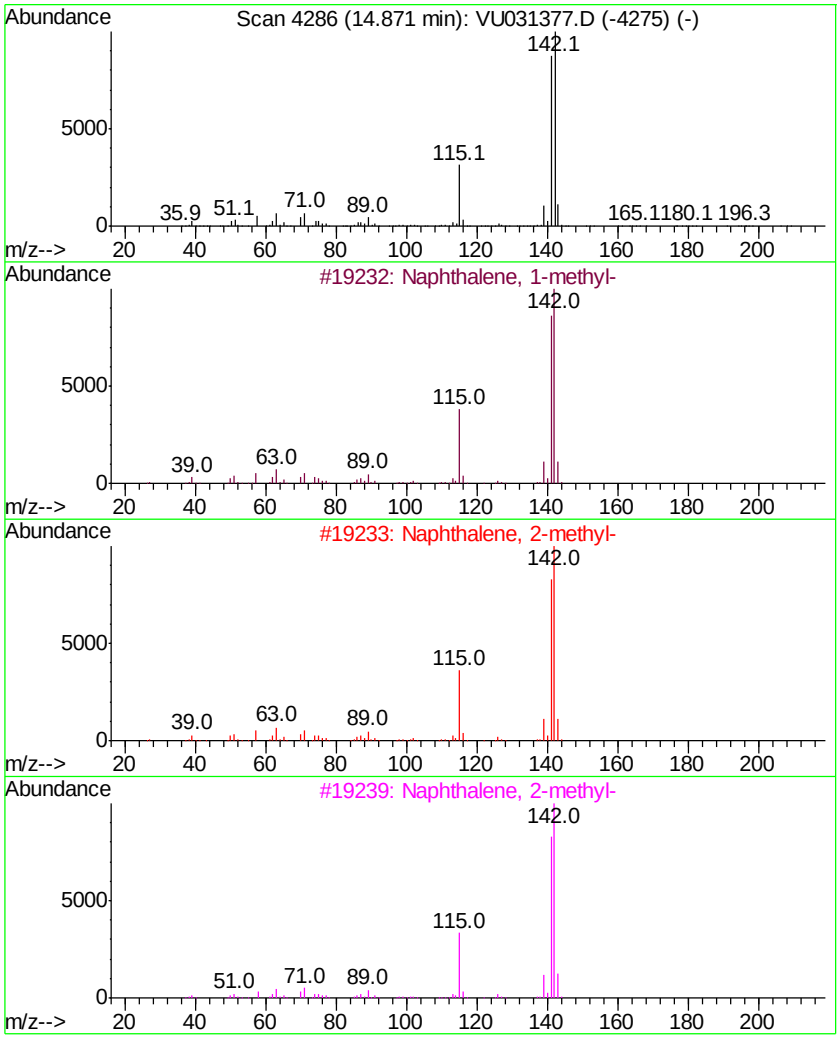
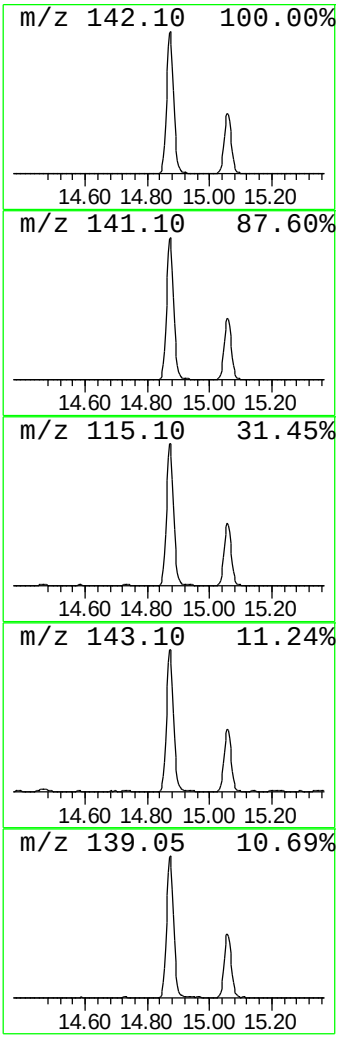
Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	183.04 ug/L	5993200	1,4-Dichlorobenzene-d4	11.49

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	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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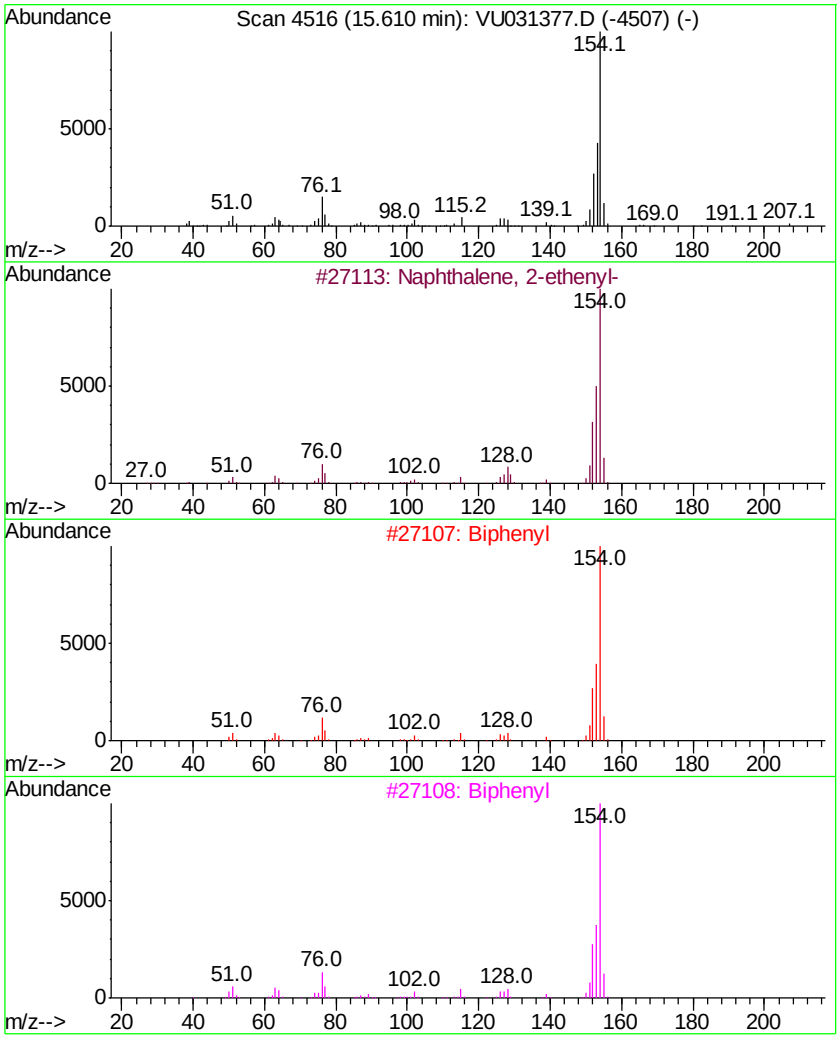
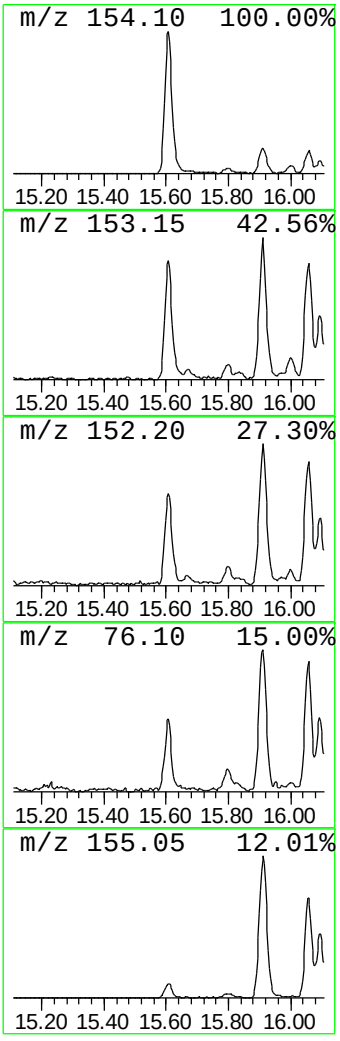
Peak Number 15 Naphthalene, 2-ethenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	5.97 ug/L	195354	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
2	Biphenyl	154	C12H10	000092-52-4	87
3	Biphenyl	154	C12H10	000092-52-4	87
4	Biphenyl	154	C12H10	000092-52-4	76
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	72





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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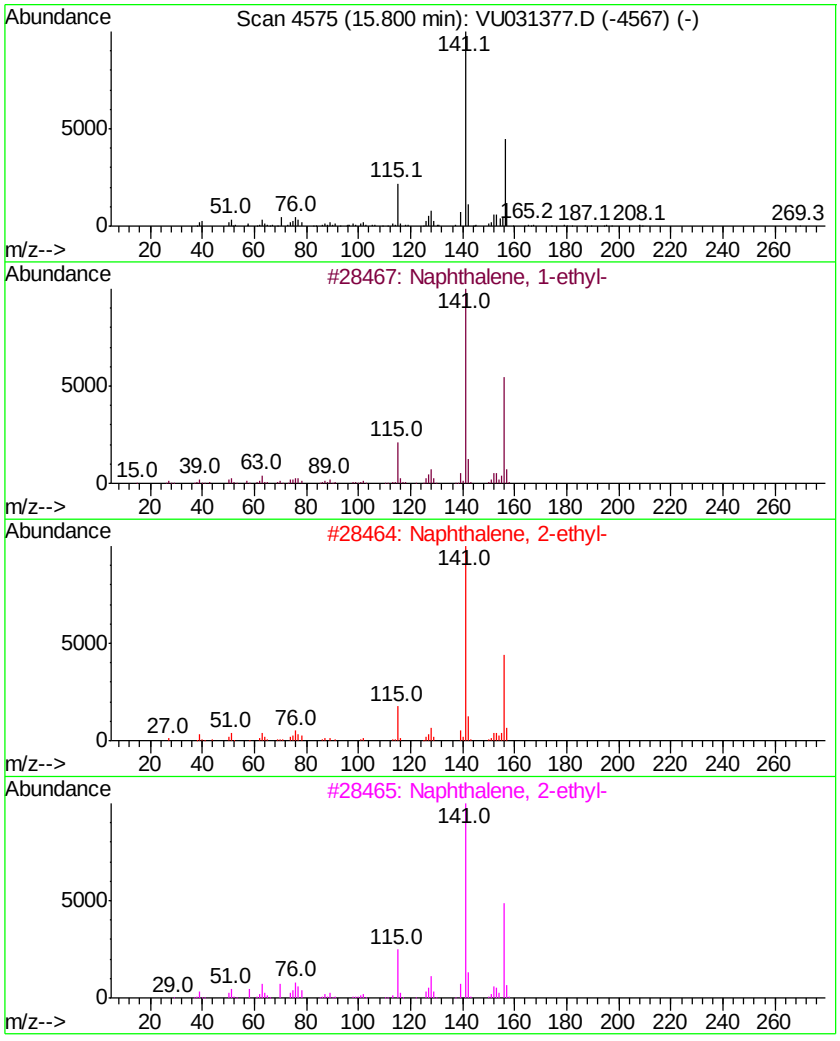
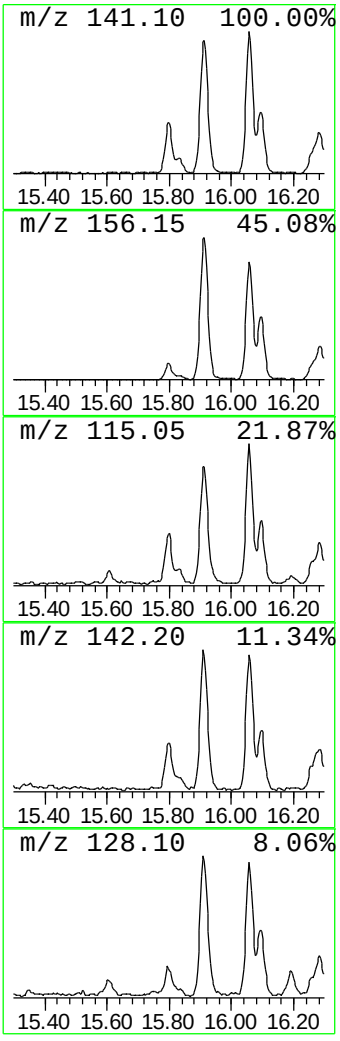
Peak Number 16 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	4.85 ug/L	158712	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

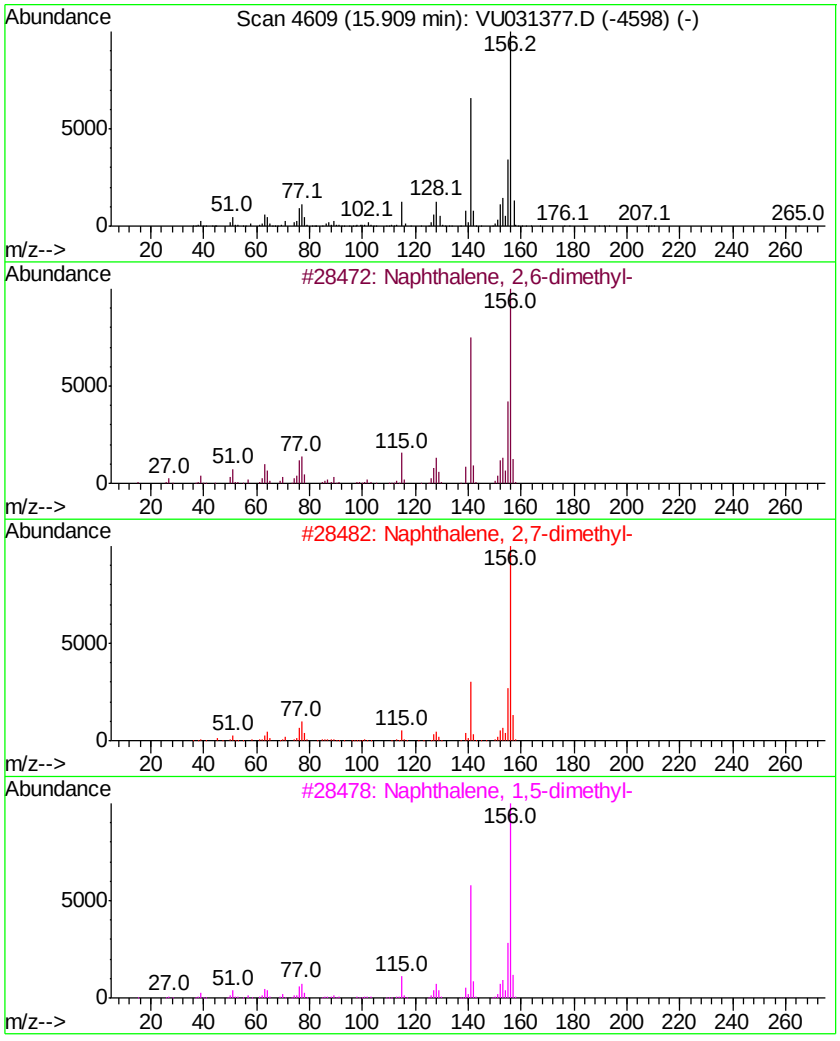
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

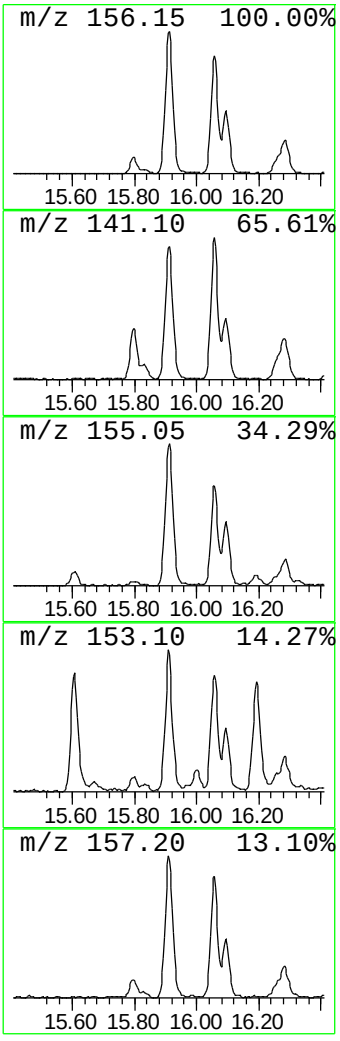
****

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	35.31 ug/L	1156270	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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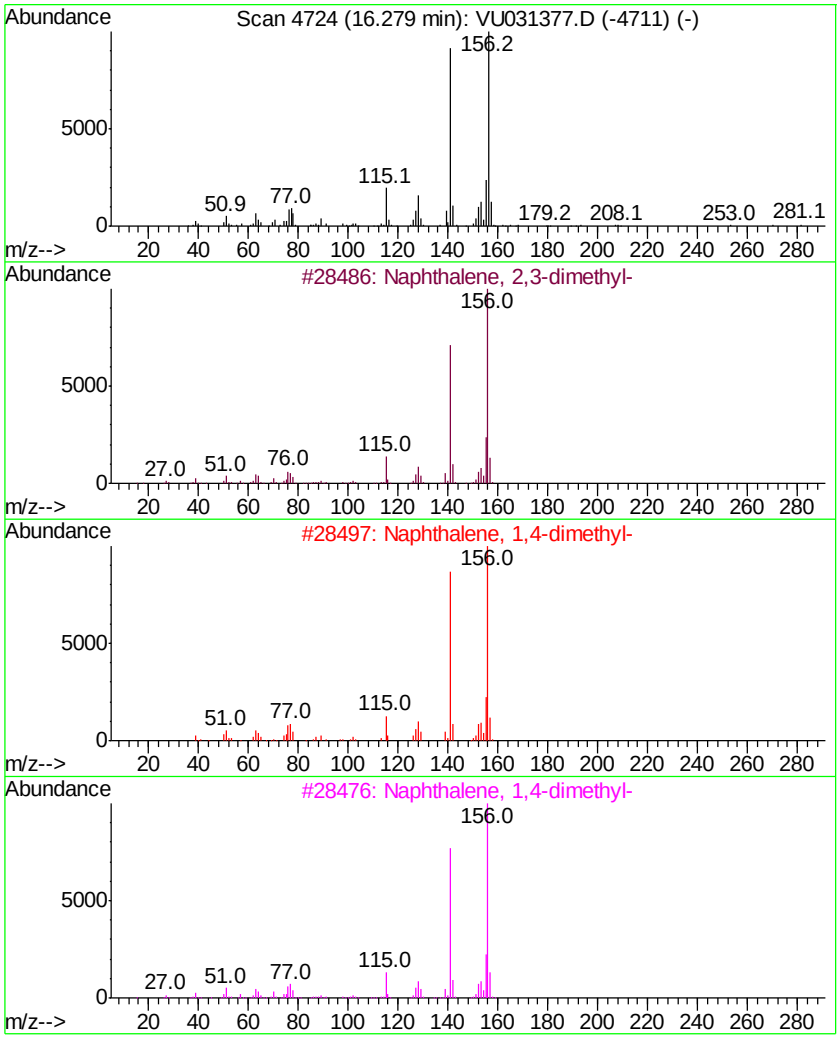
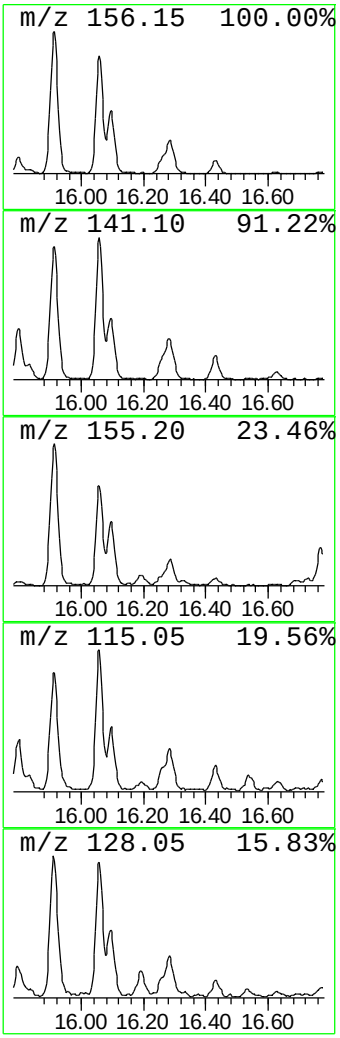
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	12.52 ug/L	409994	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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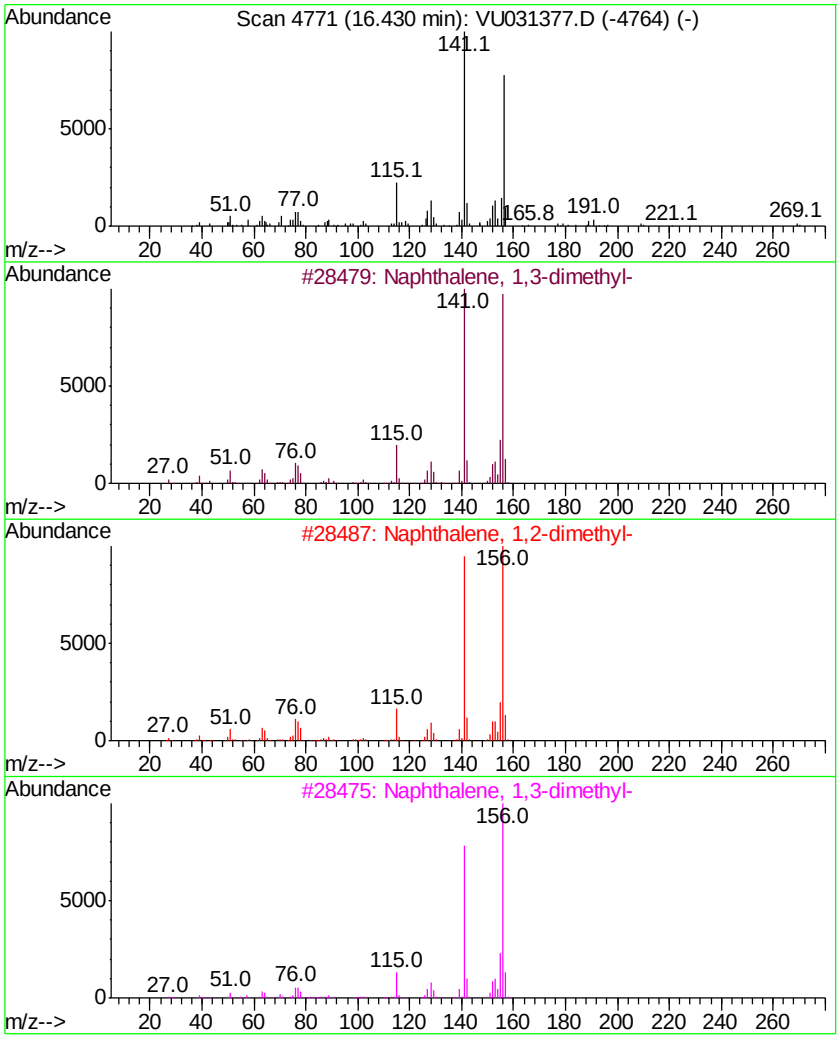
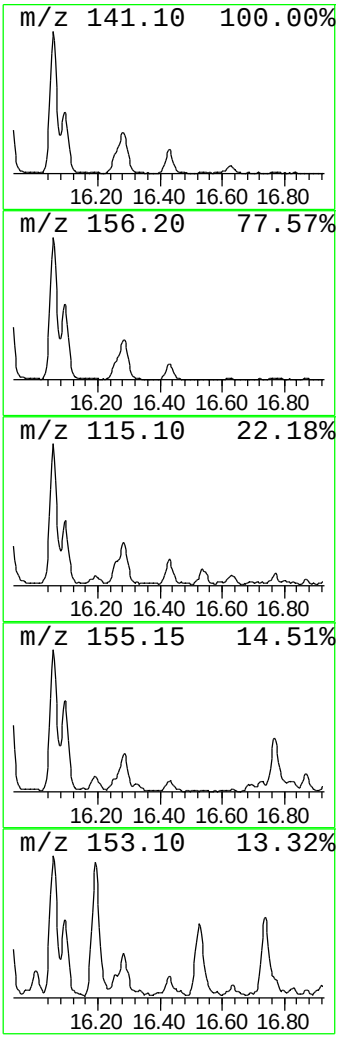
Peak Number 21 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	3.13 ug/L	102618	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

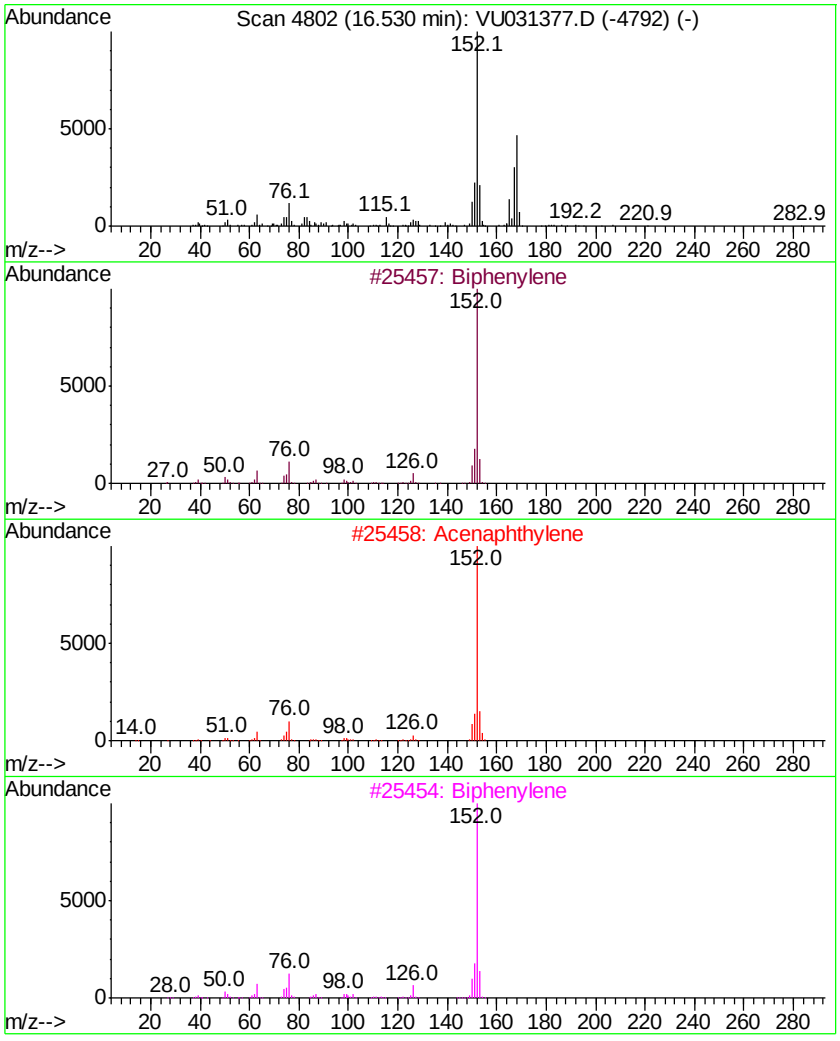
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

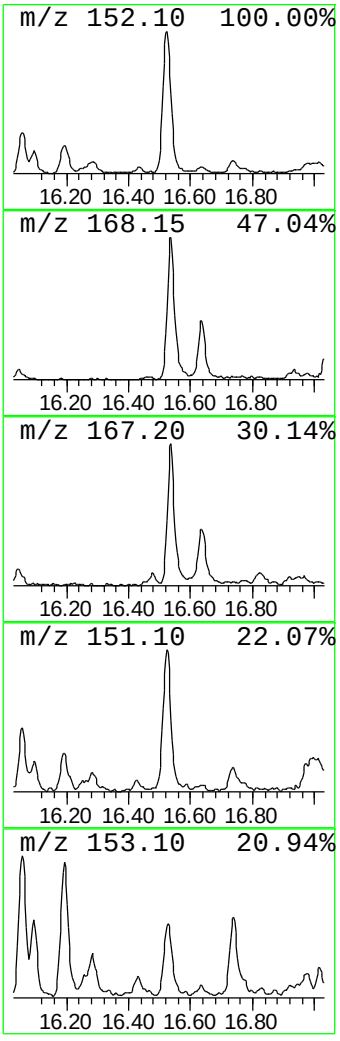
****

Peak Number 22 Biphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	10.38 ug/L	339837	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	60
2	Acenaphthylene	152	C12H8	000208-96-8	60
3	Biphenylene	152	C12H8	000259-79-0	53
4	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	47
5	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHS2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.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, 1,2,3-tr...	11.15	7.8	ug/L	256555	3	11.49	1637150	50.0
Benzene, 1-etheny...	11.22	7.8	ug/L	255015	3	11.49	1637150	50.0
Benzene, 1-etheny...	11.27	2.8	ug/L	91570	3	11.49	1637150	50.0
Indene	11.98	38.2	ug/L	1250400	3	11.49	1637150	50.0
Benzene, 1,2,4,5-...	13.12	3.9	ug/L	128795	3	11.49	1637150	50.0
2-Methylindene	13.19	11.1	ug/L	363912	3	11.49	1637150	50.0
(DEL) Alkane: Str...	14.14	2.6	ug/L	86567	3	11.49	1637150	50.0
1H-Indene, 1,1-di...	14.34	2.7	ug/L	89186	3	11.49	1637150	50.0
1H-Indene, 1,3-di...	14.46	3.2	ug/L	103772	3	11.49	1637150	50.0
Naphthalene, 1-me...	14.87	183.0	ug/L	5993200	3	11.49	1637150	50.0
Naphthalene, 2-et...	15.61	6.0	ug/L	195354	3	11.49	1637150	50.0
Naphthalene, 1-et...	15.80	4.8	ug/L	158712	3	11.49	1637150	50.0
Naphthalene, 2,6-...	15.91	35.3	ug/L	1156270	3	11.49	1637150	50.0
Naphthalene, 2,3-...	16.28	12.5	ug/L	409994	3	11.49	1637150	50.0
Naphthalene, 1,3-...	16.43	3.1	ug/L	102618	3	11.49	1637150	50.0
Biphenylene	16.53	10.4	ug/L	339837	3	11.49	1637150	50.0