LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.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	1.089	136	155	178	rBV	1186008	1326033	22.47%	5.294%
2	1.185	180	185	199	rVB2	10793	16435	0.28%	0.066%
3	1.285	207	216	232	rBV	70637	201548	3.42%	0.805%
4	1.397	246	251	273	rVB	154700	184254	3.12%	0.736%
5	1.680	333	339	357	rVB	117974	151619	2.57%	0.605%
6	2.272	512	523	535	rBV	254746	382490	6.48%	1.527%
7	2.446	570	577	581	rBV3	1561	2332	0.04%	0.009%
8	2.700	653	656	660	rBV2	410	398	0.01%	0.002%
9	3.385	865	869	872	rBV2	335	310	0.01%	0.001%
10	4.179	1100	1116	1144	rBV	125574	325452	5.52%	1.299%
11	4.651	1246	1263	1291	rVV	197423	463092	7.85%	1.849%
12	4.886	1329	1336	1339	rBV3	639	867	0.01%	0.003%
13	4.995	1367	1370	1375	rVB3	283	275	0.00%	0.001%
14	5.346	1454	1479	1524	rBV2	404472	1247369	21.14%	4.980%
15	5.799	1611	1620	1627	rVB3	458	743	0.01%	0.003%
16	5.889	1633	1648	1681	rBV	378181	755243	12.80%	3.015%
17	6.336	1772	1787	1811	rBV	274571	560682	9.50%	2.238%
18	6.863	1943	1951	1961	rBV4	887	1592	0.03%	0.006%
19	6.908	1961	1965	1976	rBV	474	723	0.01%	0.003%
20	7.233	2053	2066	2095	rBV	150790	272089	4.61%	1.086%
21	7.391	2111	2115	2122	rBV4	431	400	0.01%	0.002%
22	7.568	2156	2170	2186	rBV	562849	988816	16.76%	3.948%
23	7.854	2247	2259	2277	rBV	102759	174150	2.95%	0.695%
24	8.108	2331	2338	2341	rVB4	496	361	0.01%	0.001%
25	8.166	2351	2356	2357	rBV	460	346	0.01%	0.001%
26	8.314	2388	2402	2438	rBV	444190	745381	12.63%	2.976%
27	9.092	2632	2644	2685	rBV	550755	912473	15.46%	3.643%
28	9.256	2685	2695	2711	rVB	14742	23458	0.40%	0.094%
29	9.381	2723	2734	2746	rBV2	8374	14103	0.24%	0.056%
30	9.445	2751	2754	2759	rVB3	459	360	0.01%	0.001%
31	9.542	2776	2784	2790	rBV2	369	566	0.01%	0.002%
32	9.738	2841	2845	2851	rBV4	671	856	0.01%	0.003%
33	9.786	2851	2860	2873	rVV	8711	14665	0.25%	0.059%
34	10.172	2971	2980	2990	rBV2	18917	28455	0.48%	0.114%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Title : VOC Analysis

35	10.381	3042	3045	3049	rVB2	507	406	0.01%	0.002%
36	10.436	3049	3062	3084	rBV	402625	640340	10.85%	2.557%
37	10.593	3104	3111	3125	rVB3	5610	9163	0.16%	0.037%
38	10.686	3132	3140	3143	rBV2	13390	18533	0.31%	0.074%
39	10.777	3160	3168	3178	rVB3	8059	12014	0.20%	0.048%
40	10.879	3197	3200	3202	rBV	507	289	0.00%	0.001%
41	10.895	3202	3205	3209	rVB3	413	358	0.01%	0.001%
42	10.976	3221	3230	3243	rBV	13258	19650	0.33%	0.078%
43	11.156	3278	3286	3296	rVB2	3623	5007	0.08%	0.020%
44	11.326	3333	3339	3347	rVB2	3309	4451	0.08%	0.018%
45	11.410	3356	3365	3366	rBV	6041	6575	0.11%	0.026%
46	11.487	3378	3389	3408	rVV	623983	973143	16.49%	3.885%
47	11.577	3410	3417	3427	rVB2	7020	10025	0.17%	0.040%
48	11.693	3445	3453	3462	rVB3	1779	2850	0.05%	0.011%
49	11.773	3465	3478	3494	rBV3	102064	191255	3.24%	0.764%
50	11.863	3494	3506	3525	rVB	660922	1065408	18.06%	4.254%
51	11.985	3534	3544	3558	rBV	63824	102604	1.74%	0.410%
52	12.153	3589	3596	3599	rBV4	3711	4785	0.08%	0.019%
53	12.256	3614	3628	3635	rBV	31548	49063	0.83%	0.196%
54	12.358	3647	3660	3681	rBV	476124	741416	12.57%	2.960%
55	12.493	3691	3702	3710	rBV8	4833	9893	0.17%	0.039%
56	12.545	3711	3718	3724	rVV5	6462	10747	0.18%	0.043%
57	12.600	3724	3735	3745	rVV	77188	125270	2.12%	0.500%
58	12.657	3746	3753	3759	rVV4	13067	23146	0.39%	0.092%
59	12.706	3760	3768	3784	rVV3	43664	94281	1.60%	0.376%
60	12.783	3786	3792	3801	rVB2	21869	35611	0.60%	0.142%
61	12.883	3814	3823	3830	rBV2	12034	18260	0.31%	0.073%
62	12.928	3832	3837	3841	rBV2	4888	4937	0.08%	0.020%
63	12.969	3841	3850	3858	rBV	59342	91741	1.55%	0.366%
64	13.124	3881	3898	3909	rBV3	43261	75433	1.28%	0.301%
65	13.191	3910	3919	3930	rVV4	24718	42025	0.71%	0.168%
66	13.243	3930	3935	3942	rVB6	2066	2717	0.05%	0.011%
67	13.294	3942	3951	3961	rBV2	17304	26783	0.45%	0.107%
68	13.407	3983	3986	3992	rBV3	1654	1798	0.03%	0.007%
69	13.458	3993	4002	4011	rBV	33460	53802	0.91%	0.215%
70	13.510	4011	4018	4024	rBV4	15877	22840	0.39%	0.091%
71	13.558	4024	4033	4045	rBV2	92802	171048	2.90%	0.683%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Title : VOC Analysis

72	13.744	4076	4091	4113	rBV	1160390	2029379	34.39%	8.102%
73	13.918	4136	4145	4152	rBV6	78596	135681	2.30%	0.542%
74	14.008	4166	4173	4182	rVB2	30341	45027	0.76%	0.180%
75	14.063	4183	4190	4201	rVB4	17334	26522	0.45%	0.106%
76	14.159	4208	4220	4228	rBV2	30295	50059	0.85%	0.200%
77	14.339	4266	4276	4288	rBV2	42595	88822	1.51%	0.355%
78	14.481	4314	4320	4321	rBV3	6952	6500	0.11%	0.026%
79	14.542	4330	4339	4356	rVB3	83726	147405	2.50%	0.589%
80	14.645	4366	4371	4377	rVB	6337	6845	0.12%	0.027%
81	14.683	4377	4383	4392	rBV7	8311	14621	0.25%	0.058%
82	14.825	4415	4427	4434	rBV2	74456	138985	2.36%	0.555%
83	14.879	4435	4444	4454	rVB	160871	259766	4.40%	1.037%
84	15.069	4492	4503	4516	rBV2	195837	359717	6.10%	1.436%
85	15.571	4650	4659	4663	rBV2	37128	55659	0.94%	0.222%
86	15.612	4664	4672	4683	rVV	230016	352692	5.98%	1.408%
87	15.677	4685	4692	4701	rVV4	16905	26724	0.45%	0.107%
88	15.802	4724	4731	4734	rBV3	16124	20822	0.35%	0.083%
89	15.837	4735	4742	4755	rVB	87282	138241	2.34%	0.552%
90	15.918	4758	4767	4774	rBV3	49450	85685	1.45%	0.342%
91	16.062	4802	4812	4820	rBV2	101692	171294	2.90%	0.684%
92	16.265	4865	4875	4879	rBV	71203	111005	1.88%	0.443%
93	16.435	4917	4928	4941	rBV	181924	284805	4.83%	1.137%
94	16.532	4947	4958	4975	rBV3	67300	155064	2.63%	0.619%
95	16.689	5001	5007	5010	rBV5	6460	7836	0.13%	0.031%
96	16.744	5011	5024	5040	rVV	3794823	5900340	100.00%	23.557%
97	16.921	5069	5079	5093	rBV2	191399	306236	5.19%	1.223%
98	17.043	5105	5117	5139	rVB	385791	626984	10.63%	2.503%
99	17.342	5205	5210	5217	rBV2	11899	16014	0.27%	0.064%
100	17.606	5286	5292	5299	rBV2	9349	12963	0.22%	0.052%

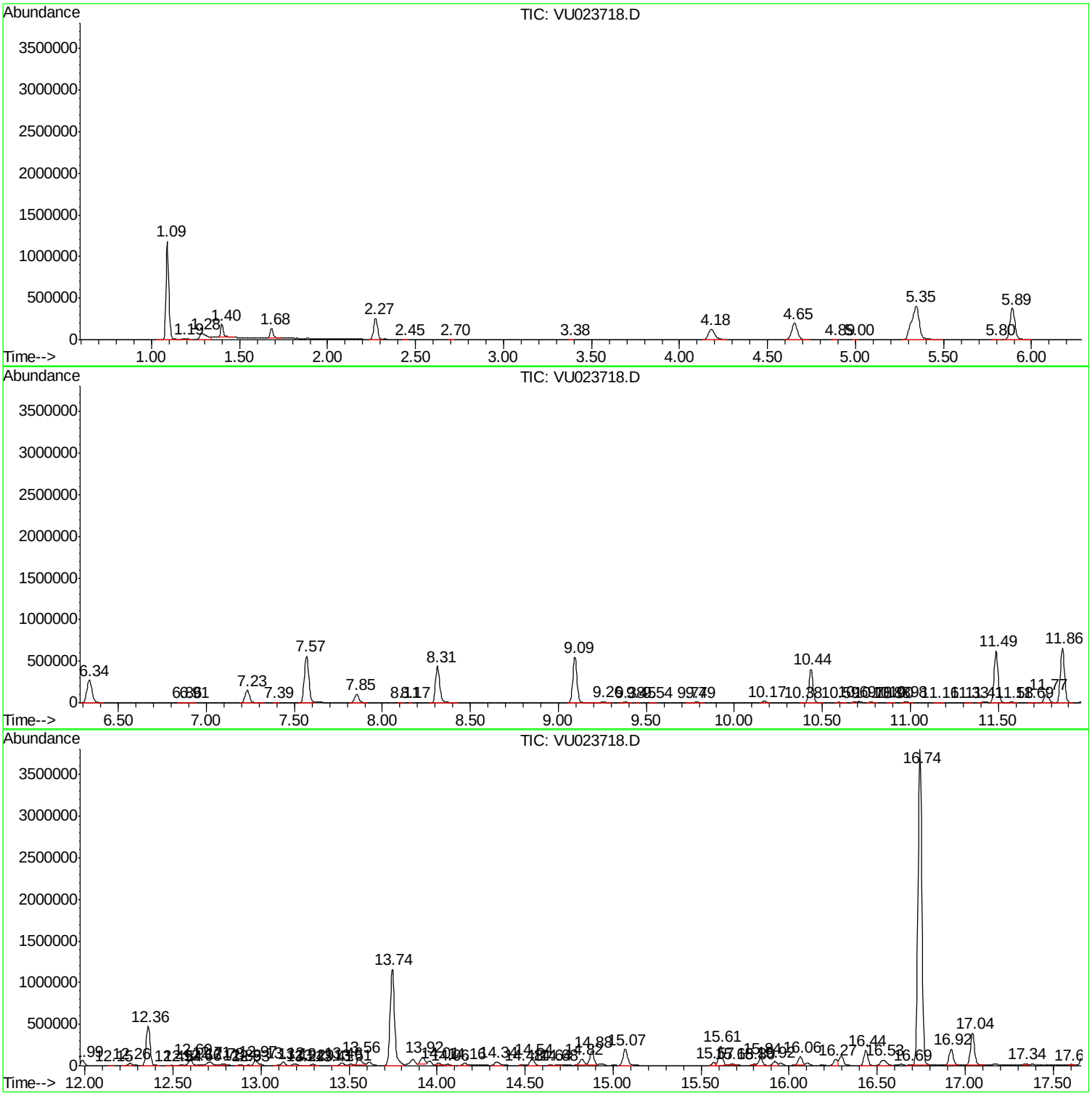
Sum of corrected areas: 25047296

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

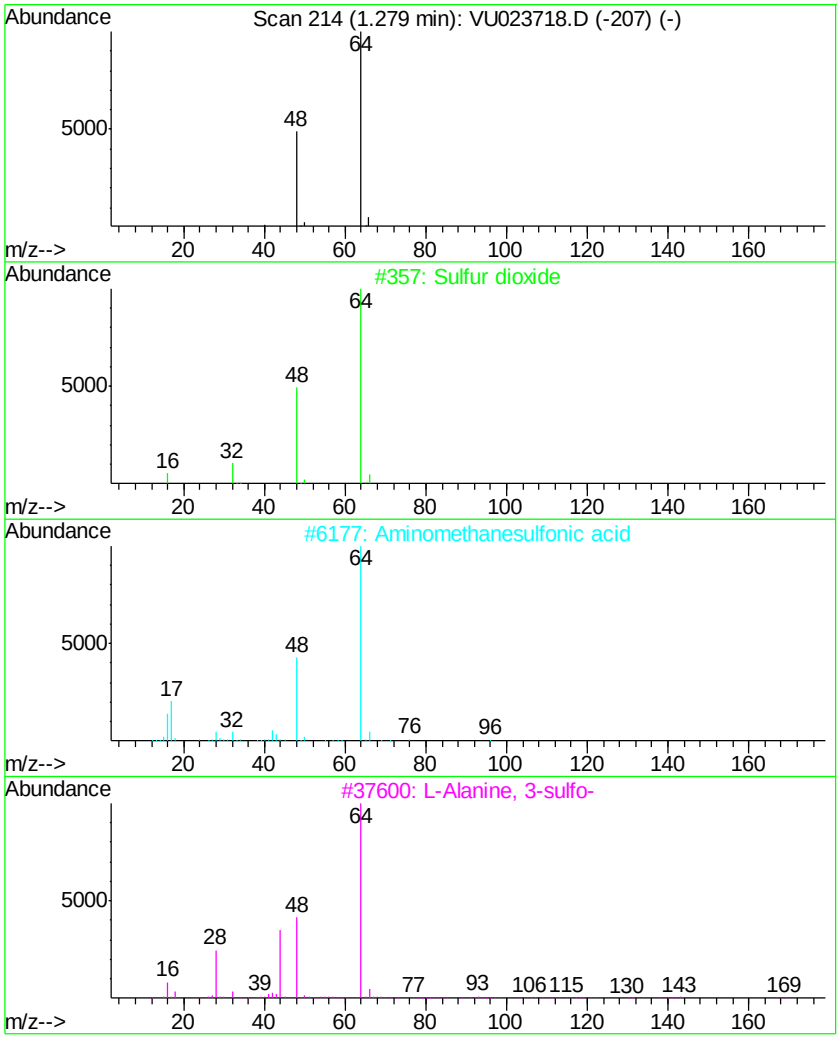
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

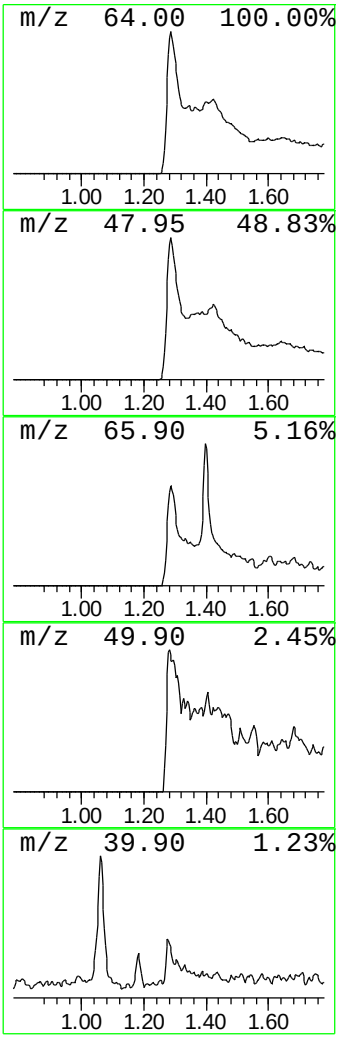
****

Peak Number 2 Sulfur dioxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	13.34 ug/L	201548	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Sulfur dioxide	64	O2S	007446-09-5	5
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

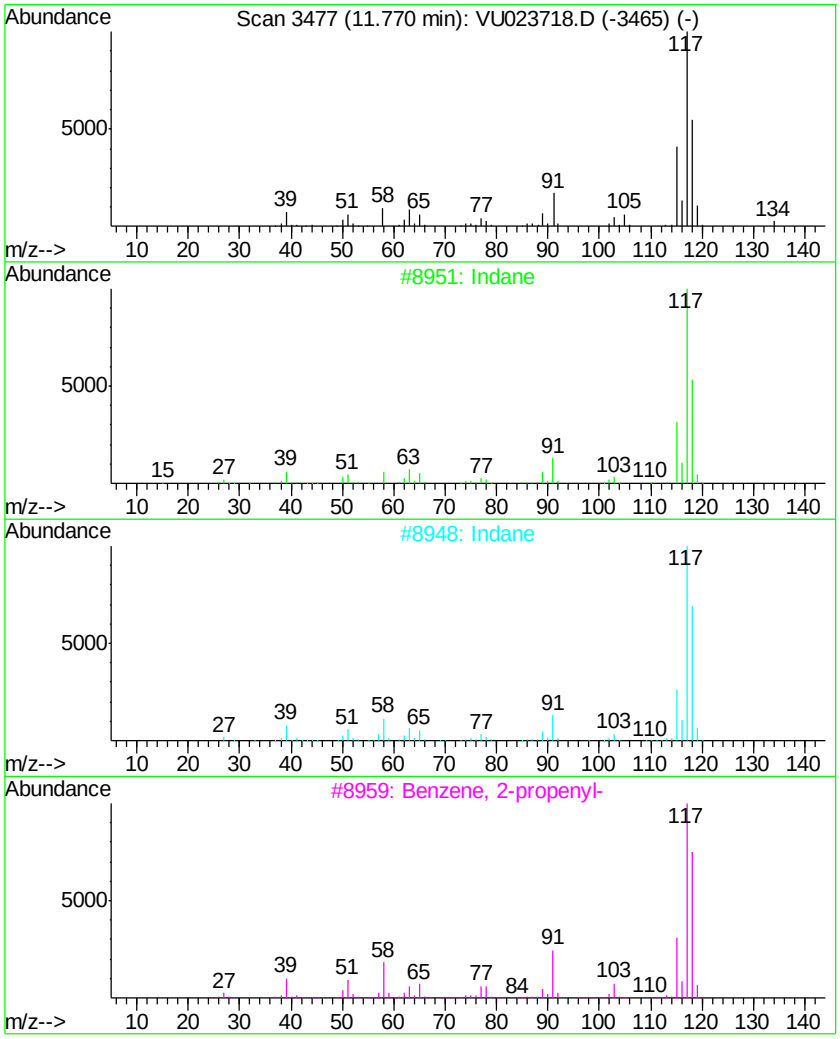
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

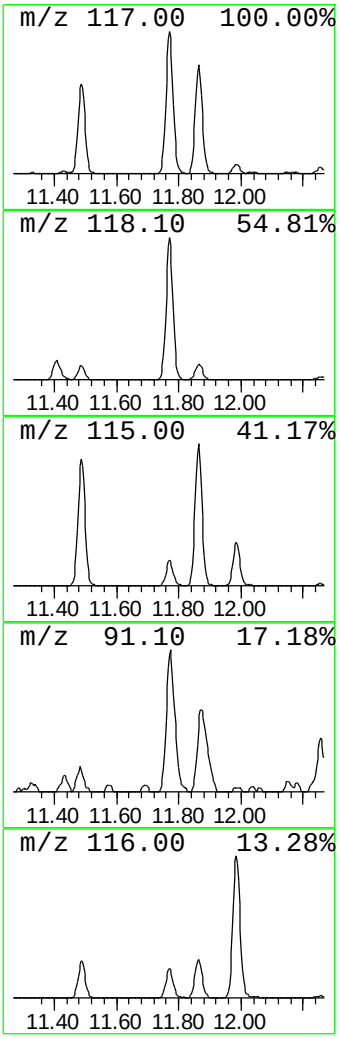
****

Peak Number 4 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.83 ug/L	191255	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Indane	118	C9H10	000496-11-7	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

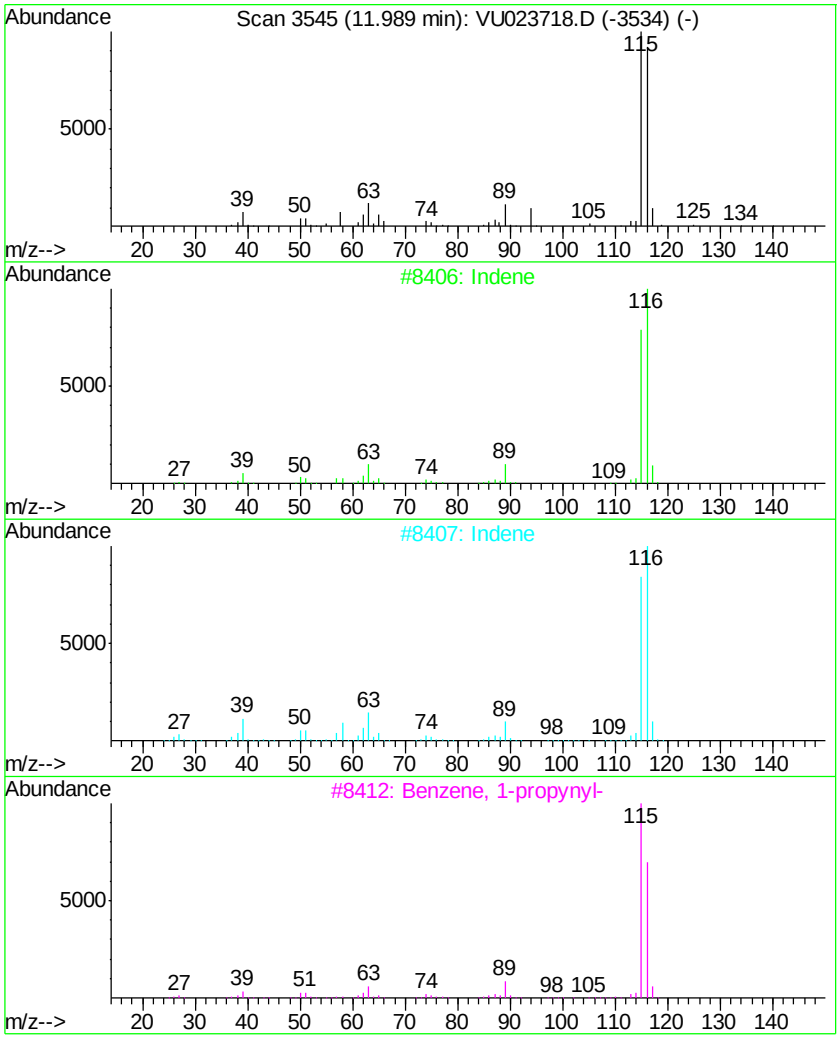
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

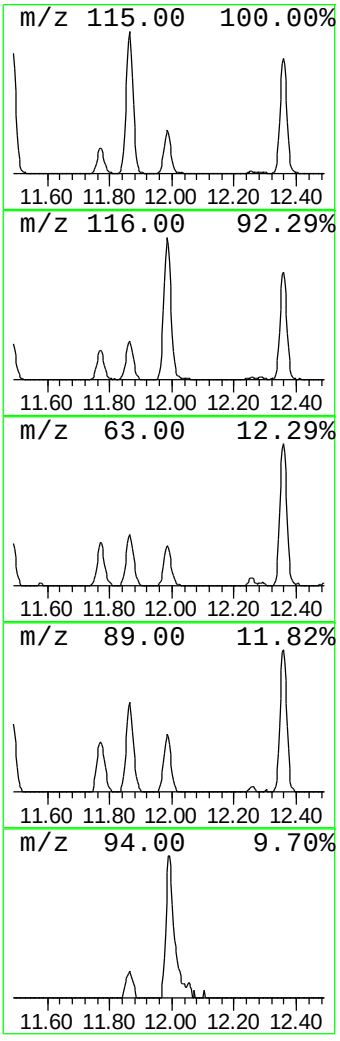
****

Peak Number 5 Indene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.27 ug/L	102604	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	96
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
4	Indene	116	C9H8	000095-13-6	95
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

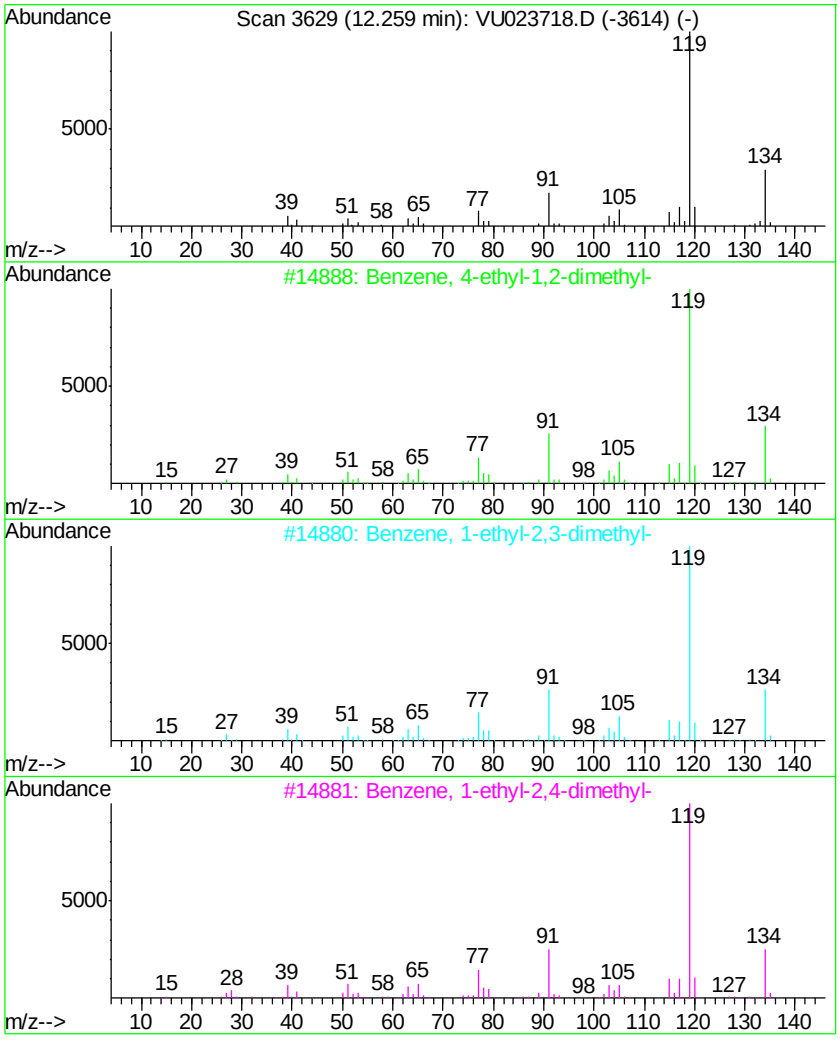
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

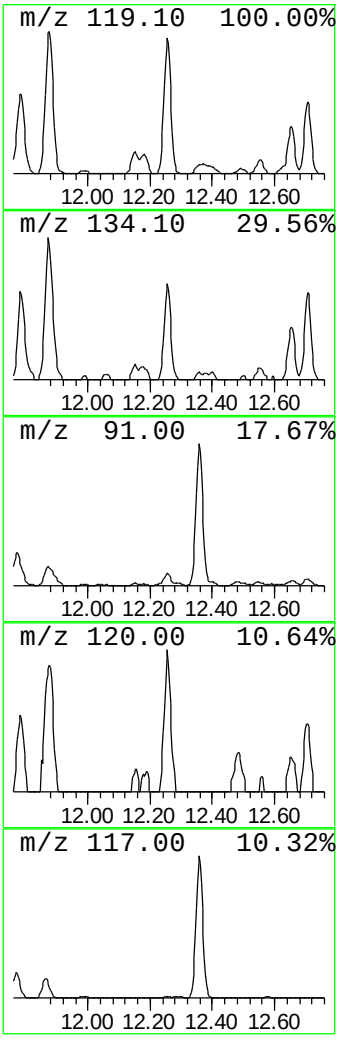
****

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.52 ug/L	49063	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

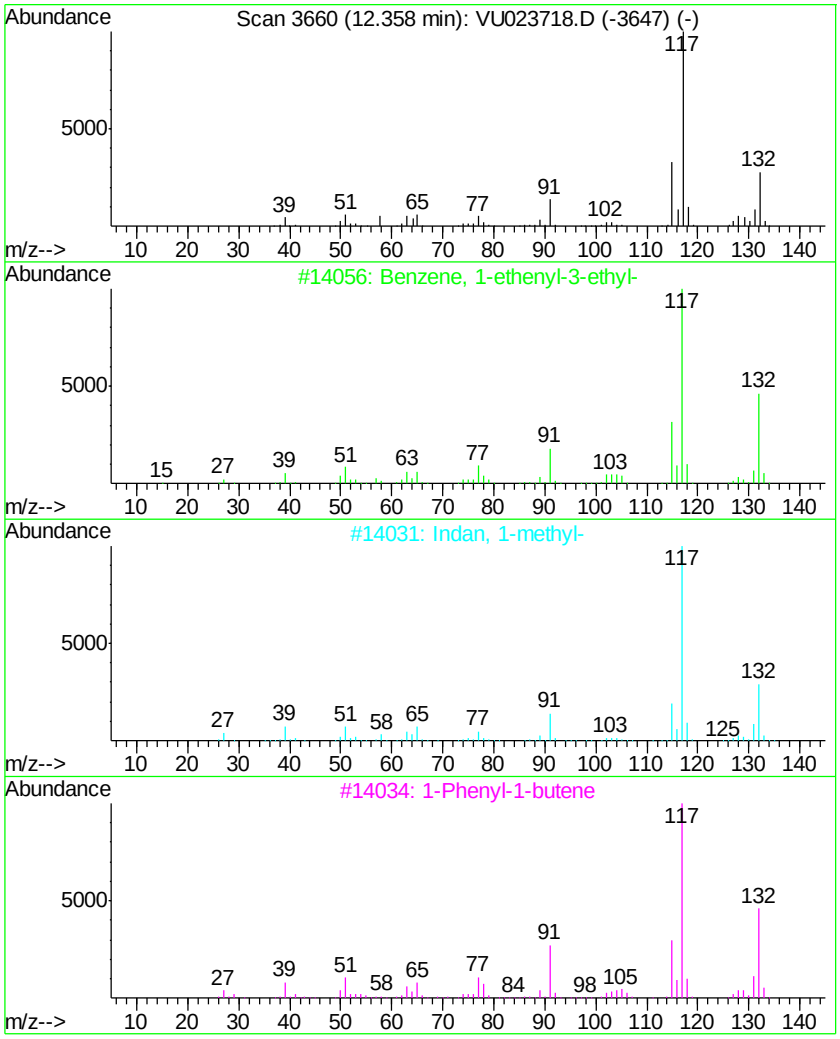
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

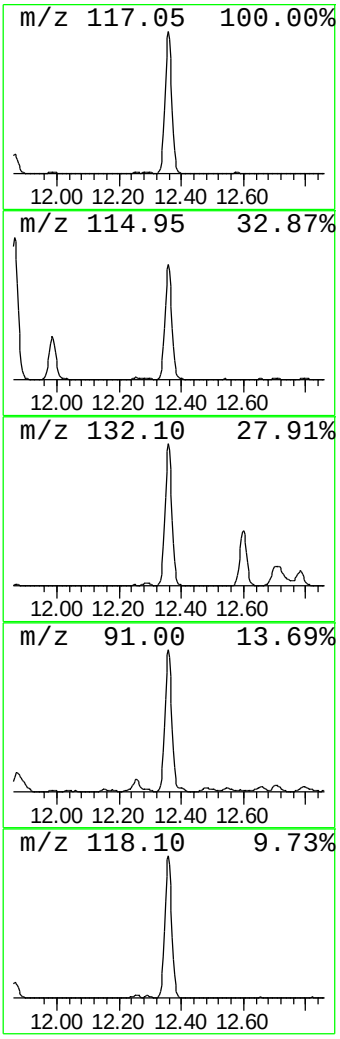
****

Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	38.09 ug/L	741416	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

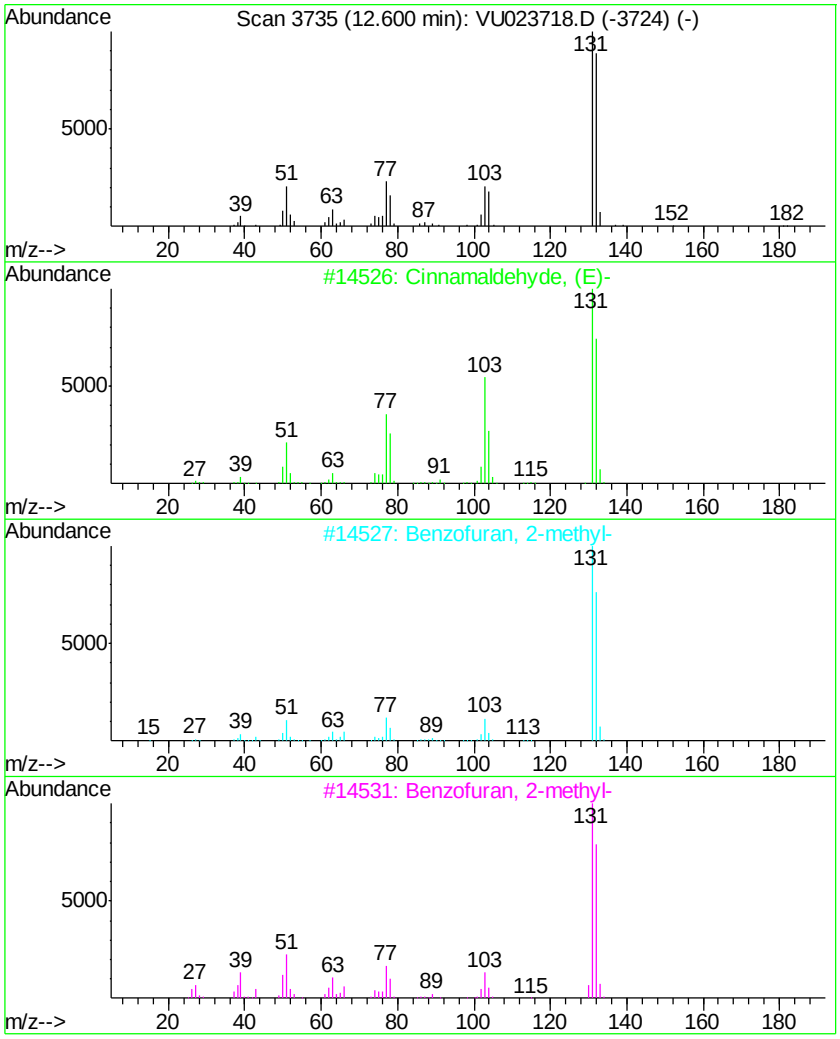
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

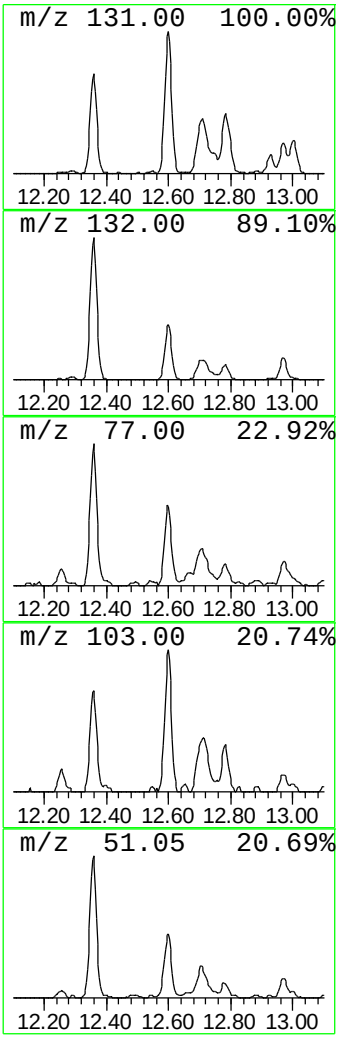
****

Peak Number 8 Cinnamaldehyde, (E)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.44 ug/L	125270	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

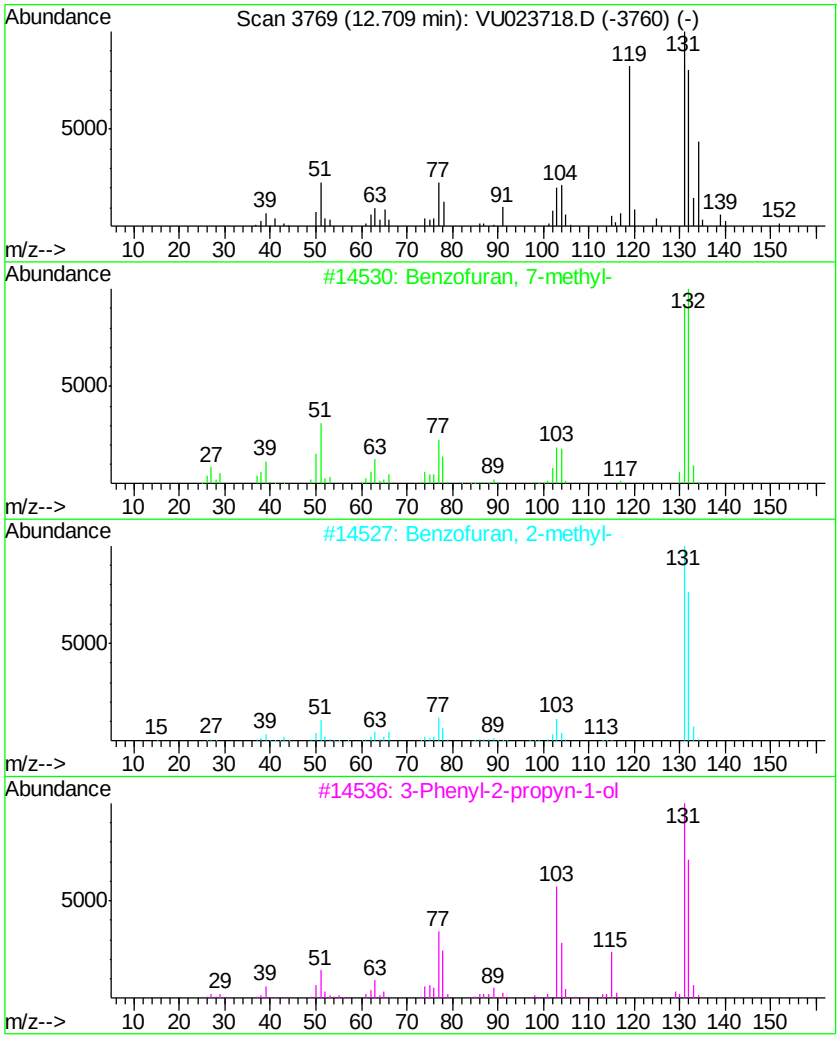
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

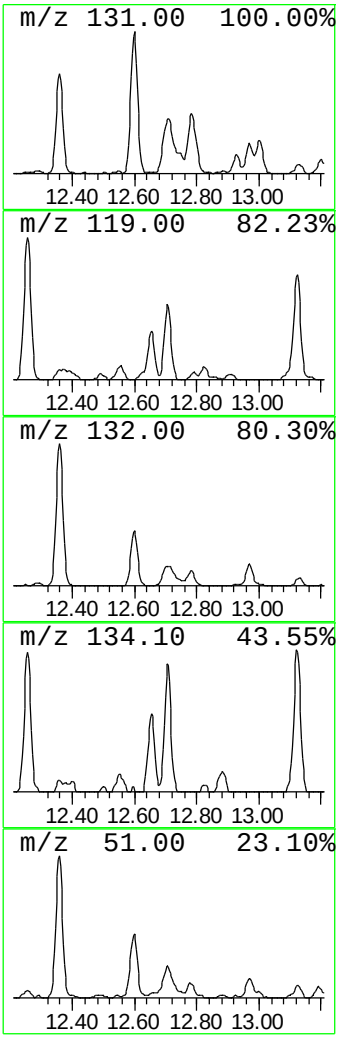
****

Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	4.84 ug/L	94281	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	83
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	60
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	60
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	60
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	53





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

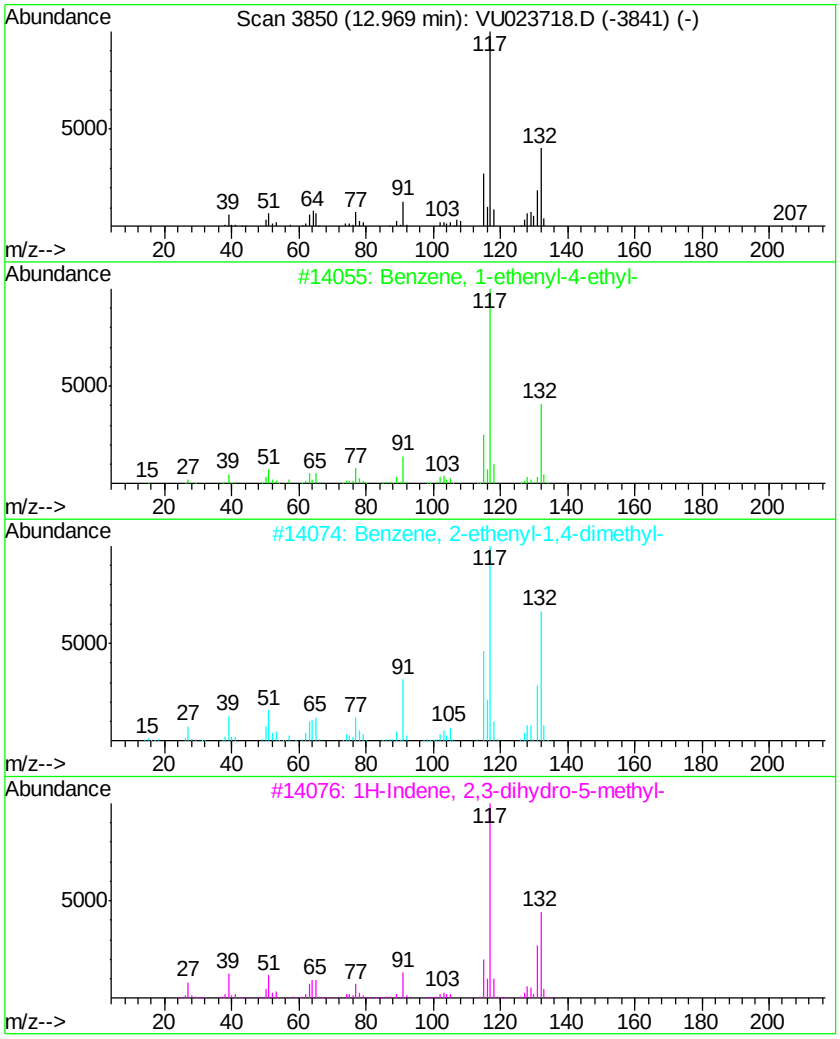
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

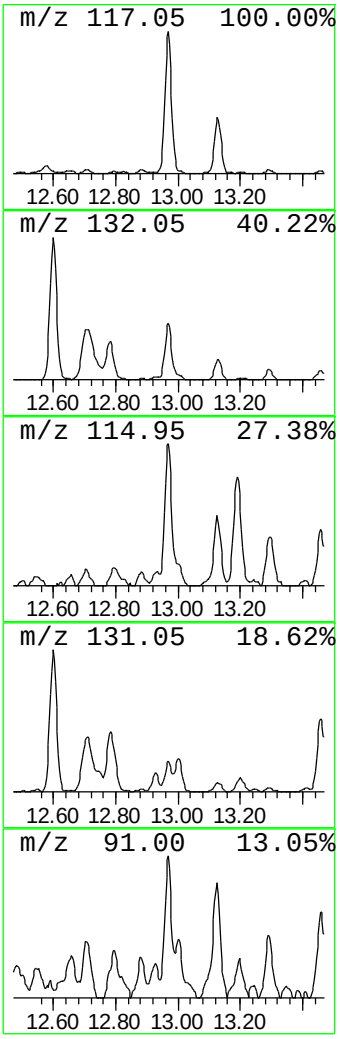
****

Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	4.71 ug/L	91741	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

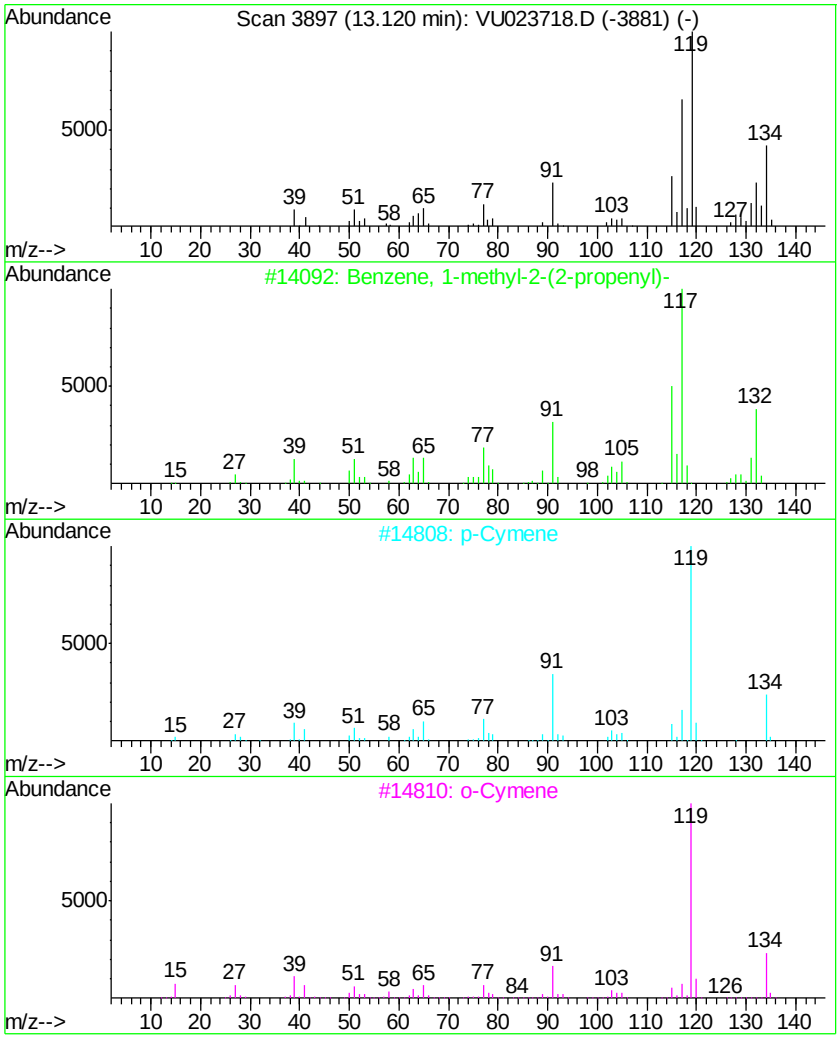
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

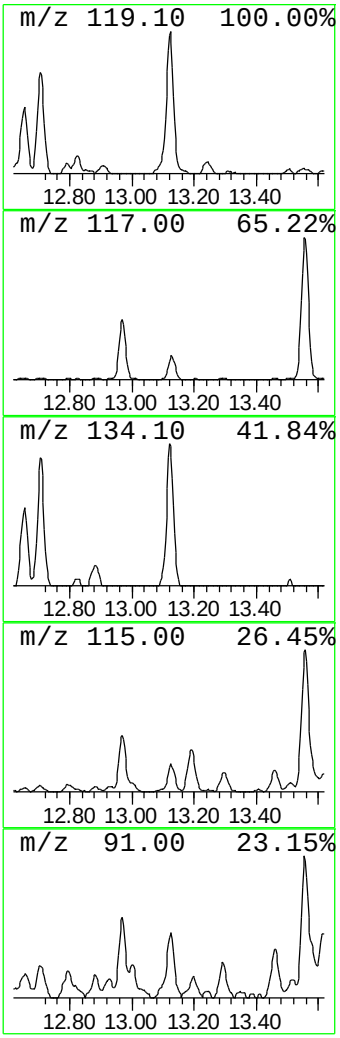
****

Peak Number 11 Benzene, 1-methyl-2-(2-prop... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.88 ug/L	75433	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2	p-Cymene	134	C10H14	000099-87-6	50
3	o-Cymene	134	C10H14	000527-84-4	50
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

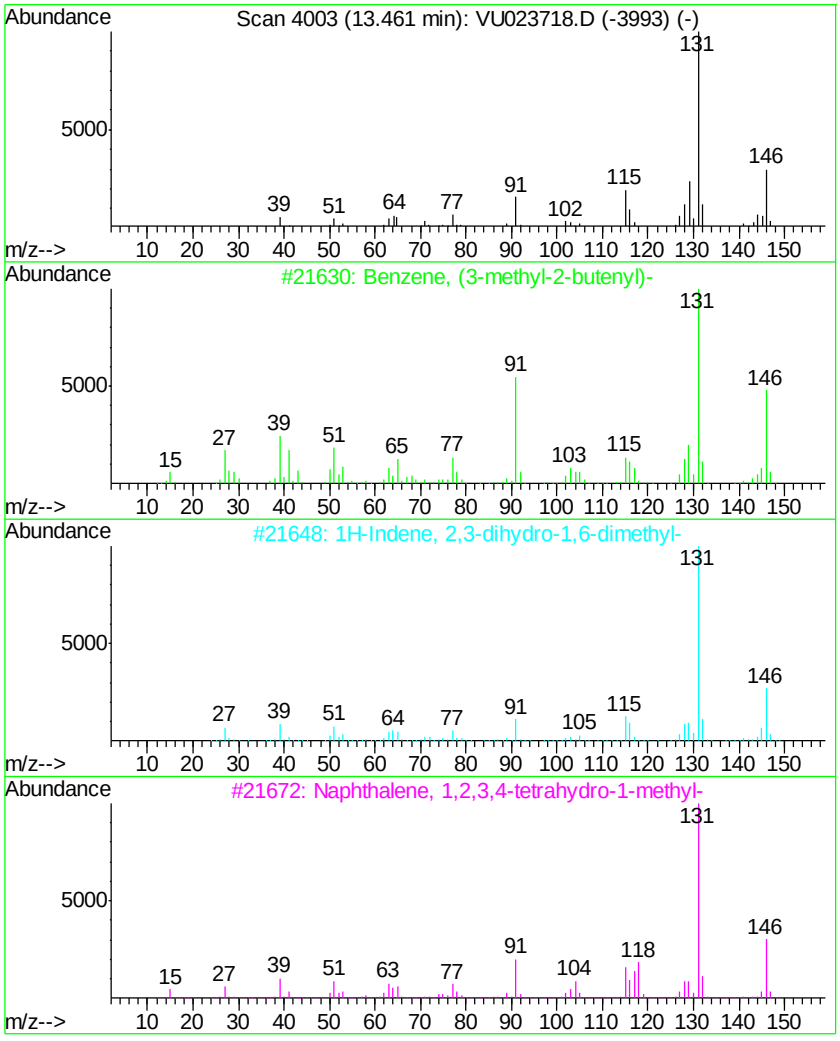
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

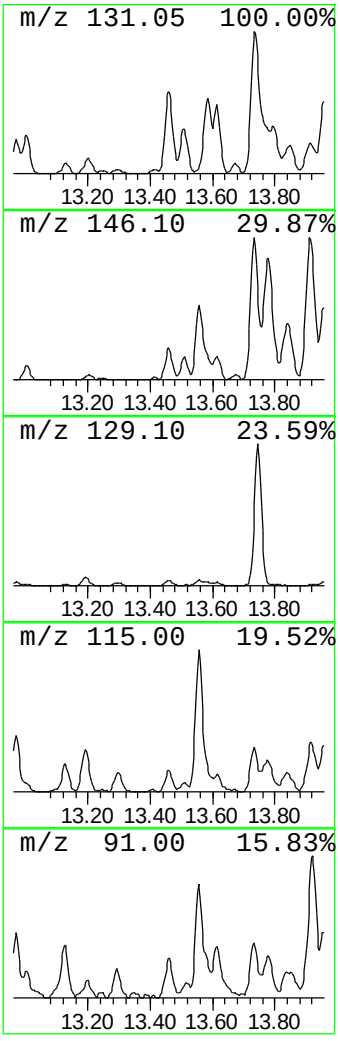
****

Peak Number 12 Benzene, (3-methyl-2-butenyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.76 ug/L	53802	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

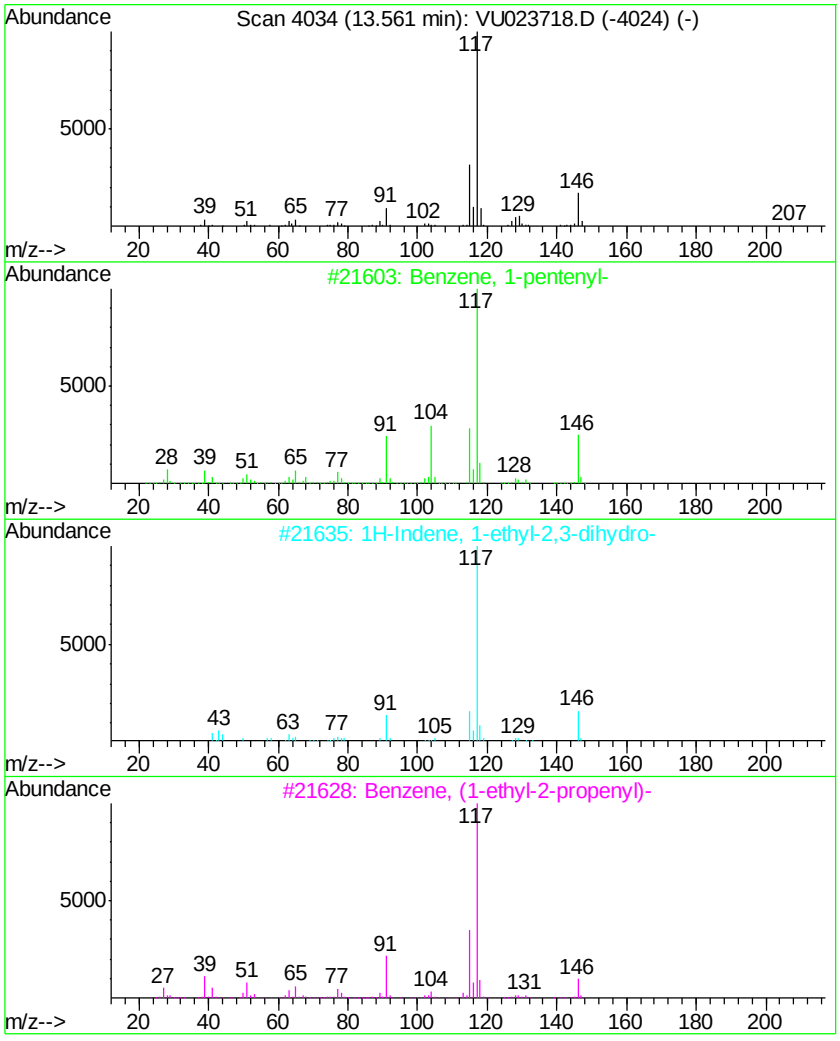
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

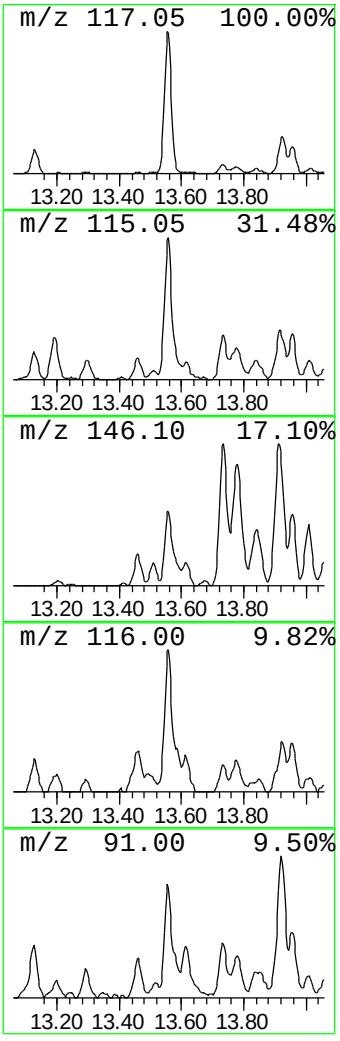
****

Peak Number 13 Benzene, 1-pentenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	8.79 ug/L	171048	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	86
2	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	72
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
4	Benzene, (3-chloro-1-propenyl)-	152	C9H9Cl	002687-12-9	64
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	64





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

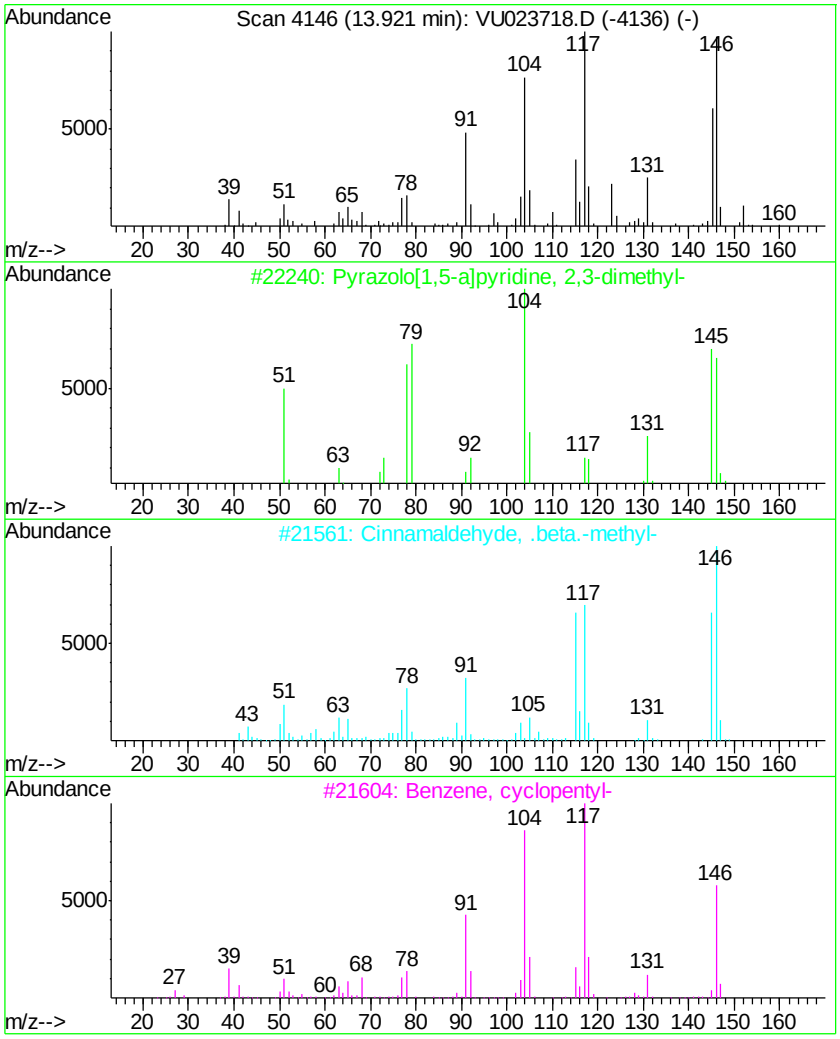
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

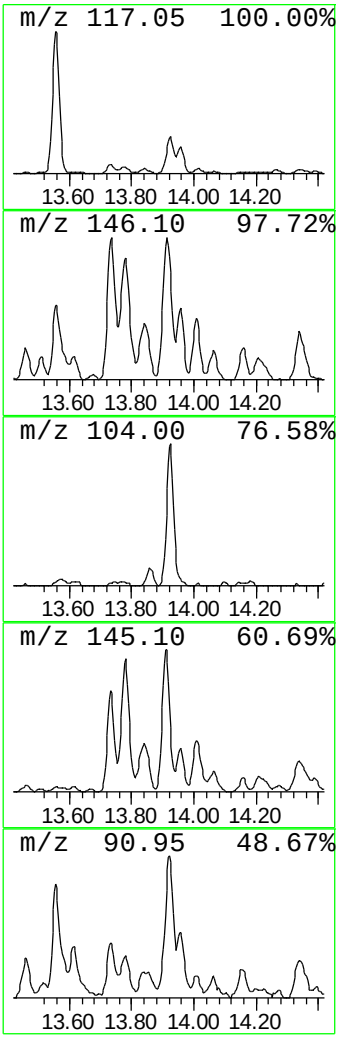
****

Peak Number 15 Pyrazolo[1,5-a]pyridine, 2,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.97 ug/L	135681	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazolo[1,5-a]pyridine, 2,3-dim...	146	C9H10N2	028537-56-6	70
2	Cinnamaldehyde, .beta.-methyl-	146	C10H10O	001196-67-4	64
3	Benzene, cyclopentyl-	146	C11H14	000700-88-9	64
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

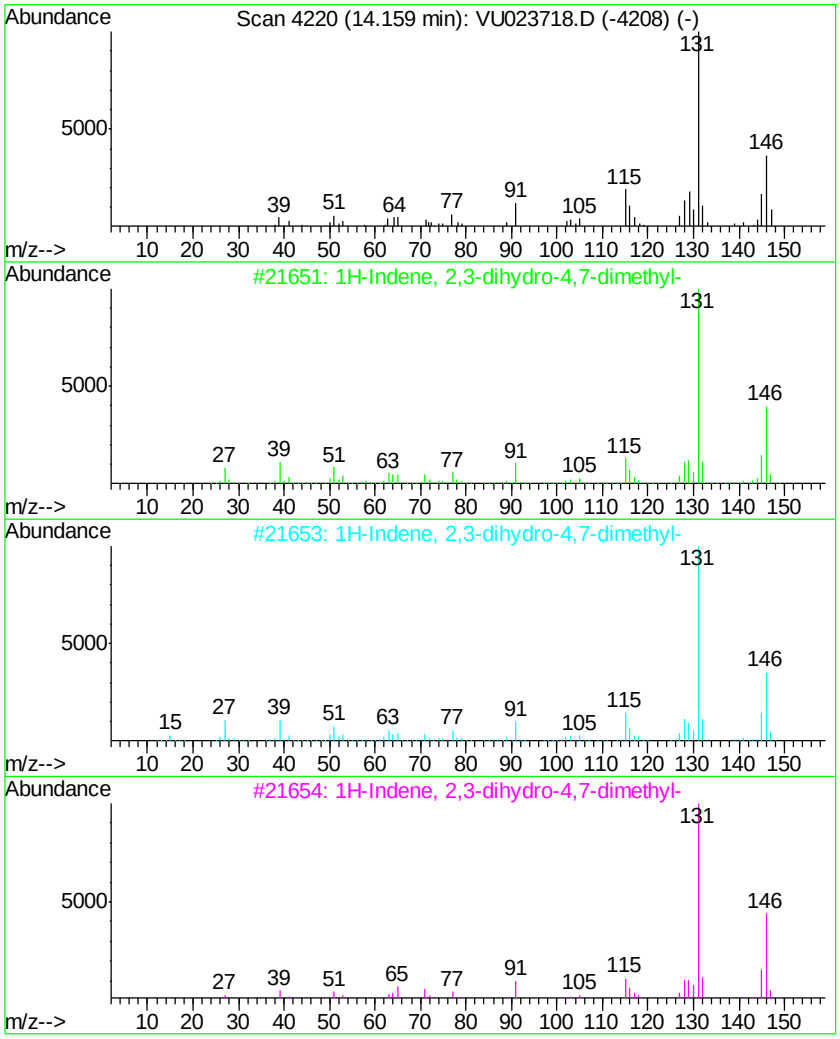
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

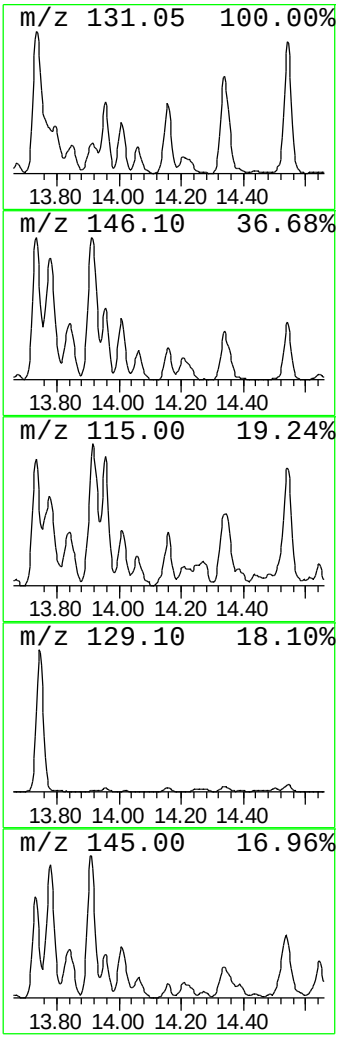
****

Peak Number 16 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.57 ug/L	50059	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

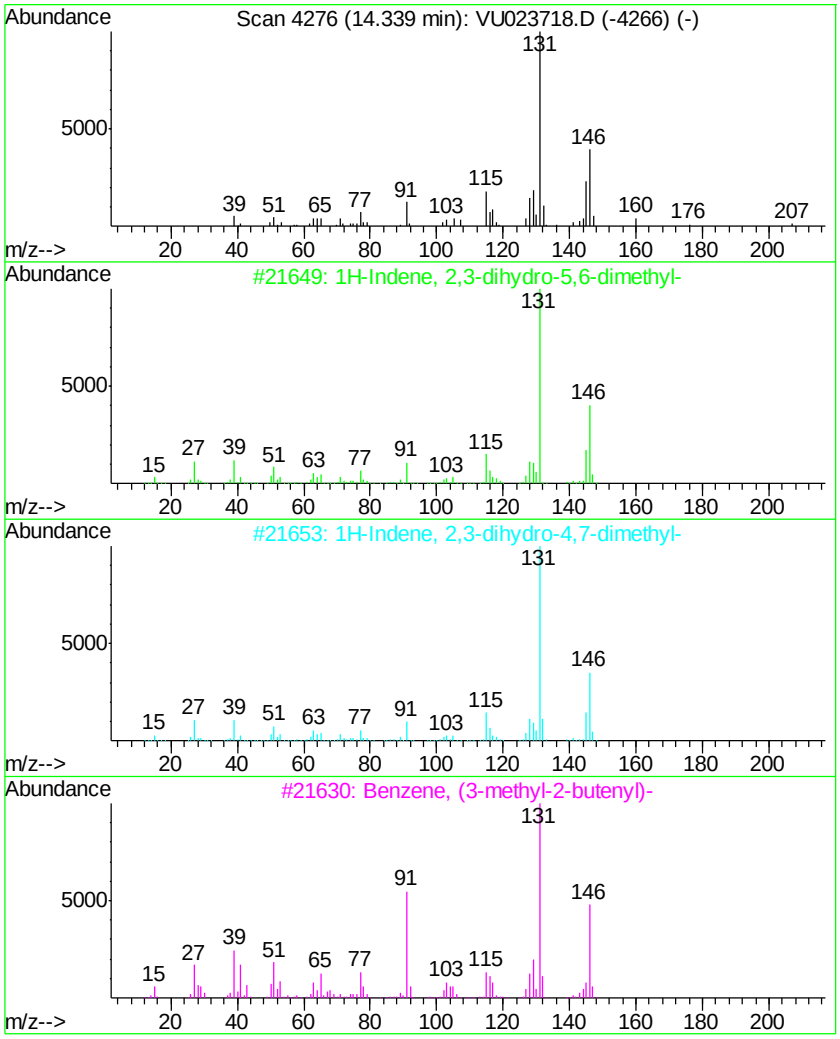
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

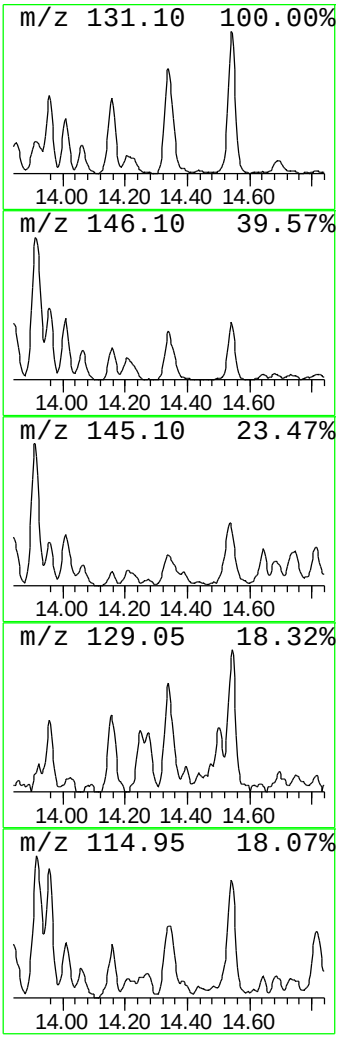
****

Peak Number 17 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	4.56 ug/L	88822	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

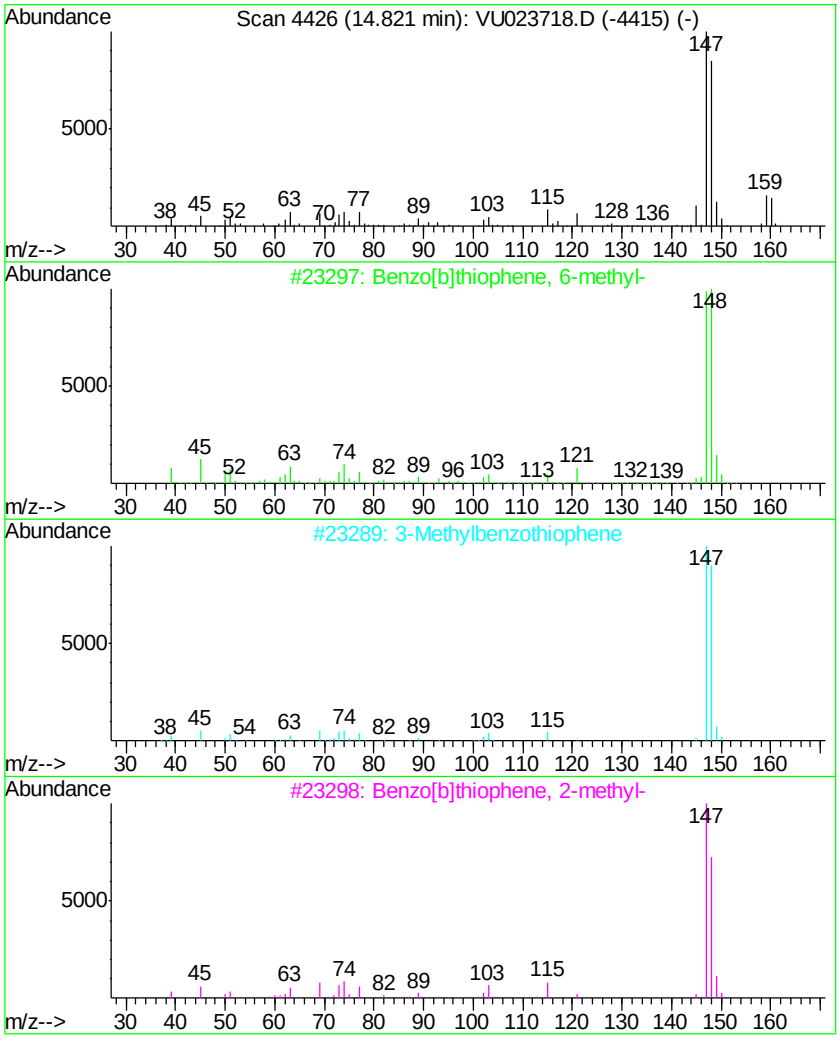
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

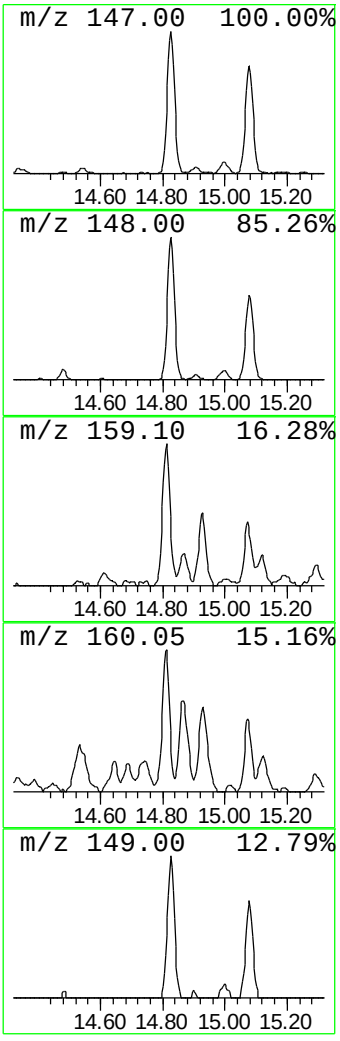
****

Peak Number 19 Benzo[b]thiophene, 6-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	7.14 ug/L	138985	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	93
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	83





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

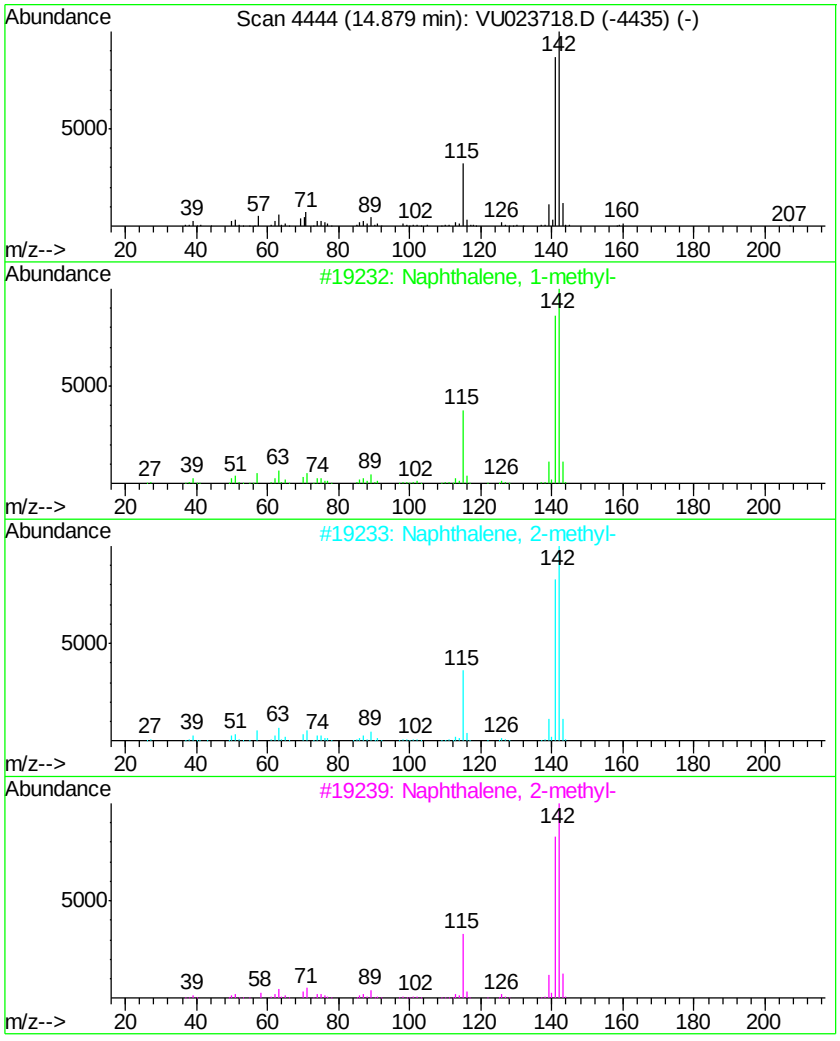
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

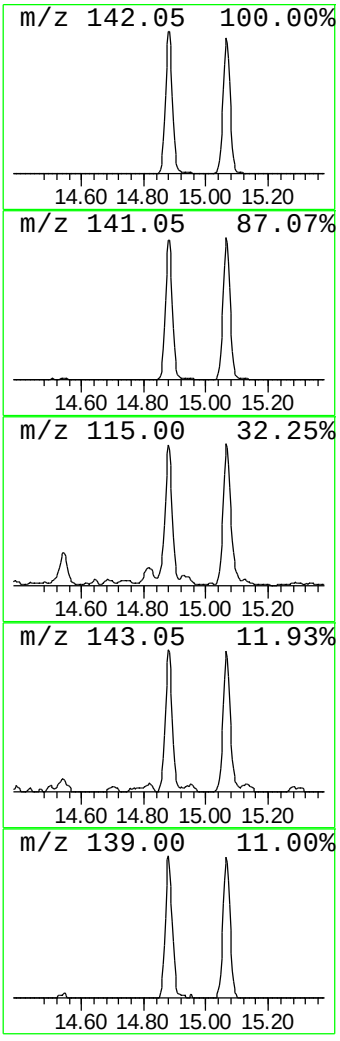
****

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	13.35 ug/L	259766	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, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

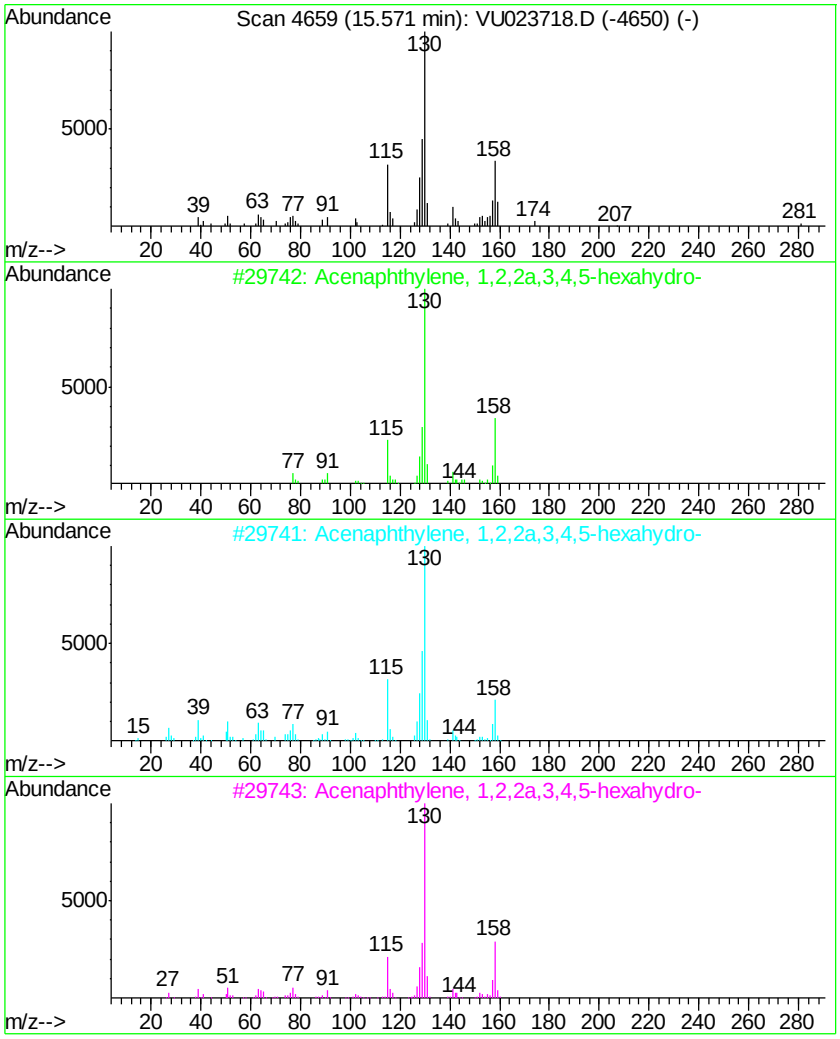
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

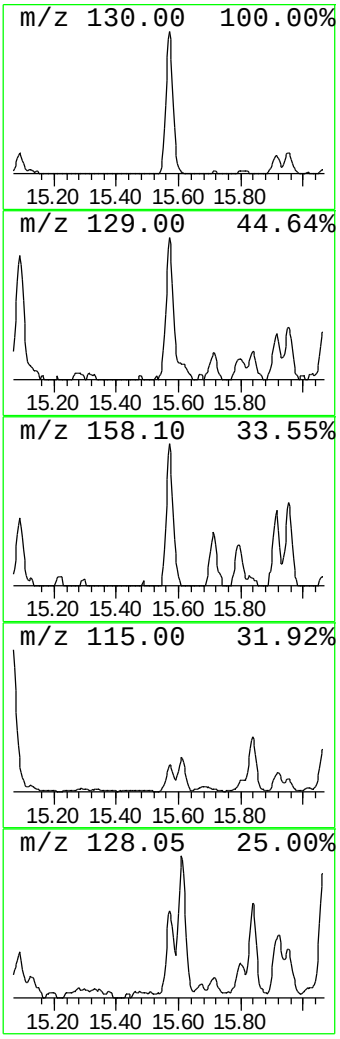
****

Peak Number 22 Acenaphthylene, 1,2,2a,3,4,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.86 ug/L	55659	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	93
2	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	93
3	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	74
4	1,4-Ethanonaphthalen-2-ol, 1,2,3...	174	C12H14O	013153-77-0	64
5	9-Methylbenzonorbornen-2-one	172	C12H12O	1000110-51-6	59





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

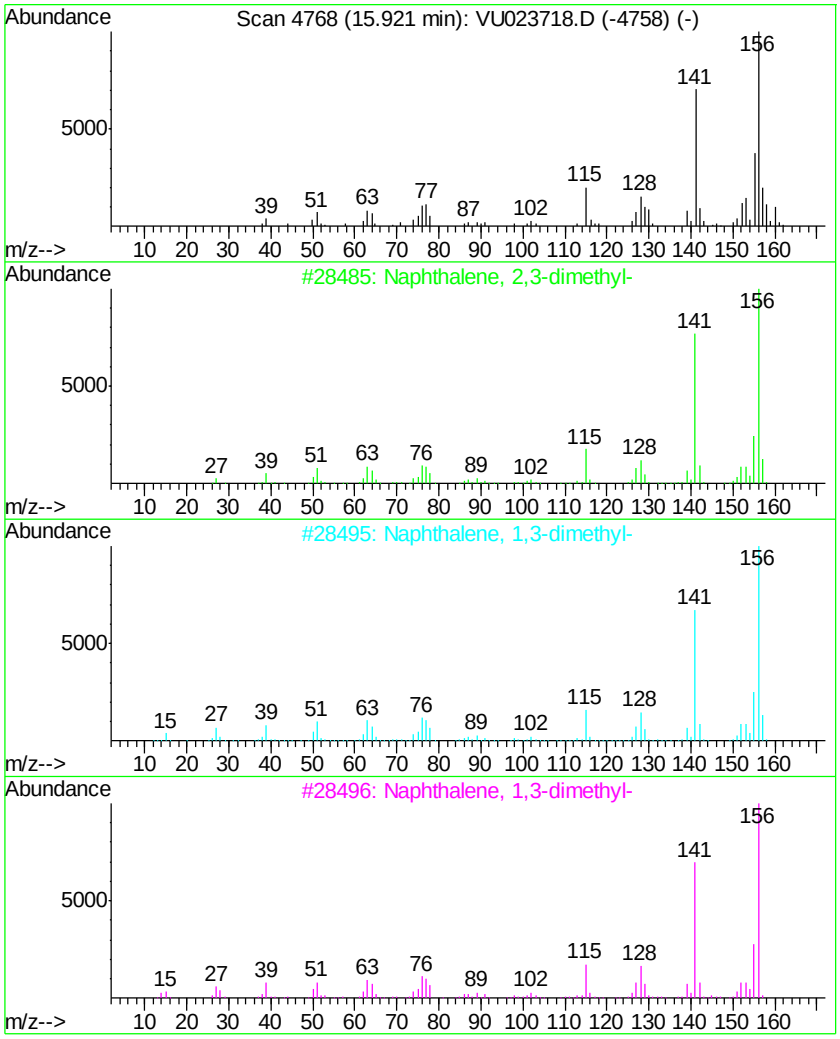
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

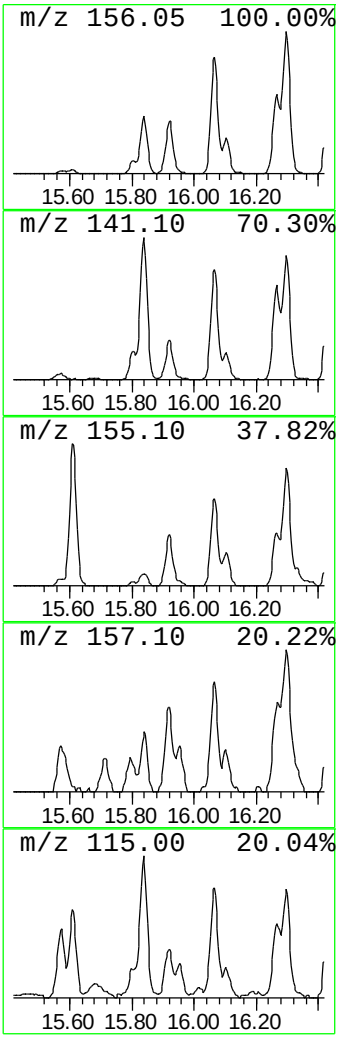
****

Peak Number 25 Naphthalene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	4.40 ug/L	85685	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	93
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

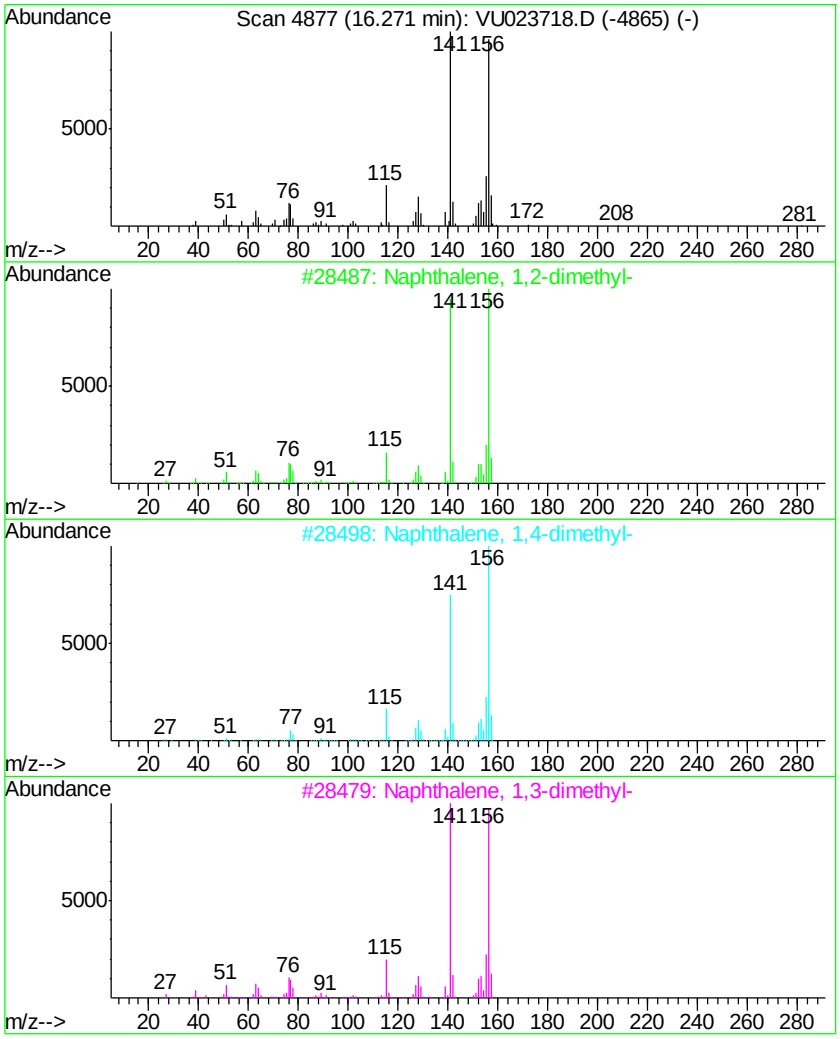
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

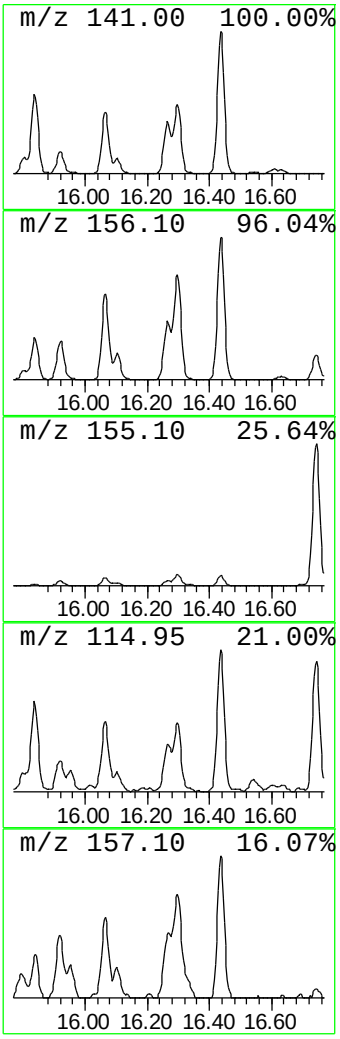
****

Peak Number 27 Naphthalene, 1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	5.70 ug/L	111005	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

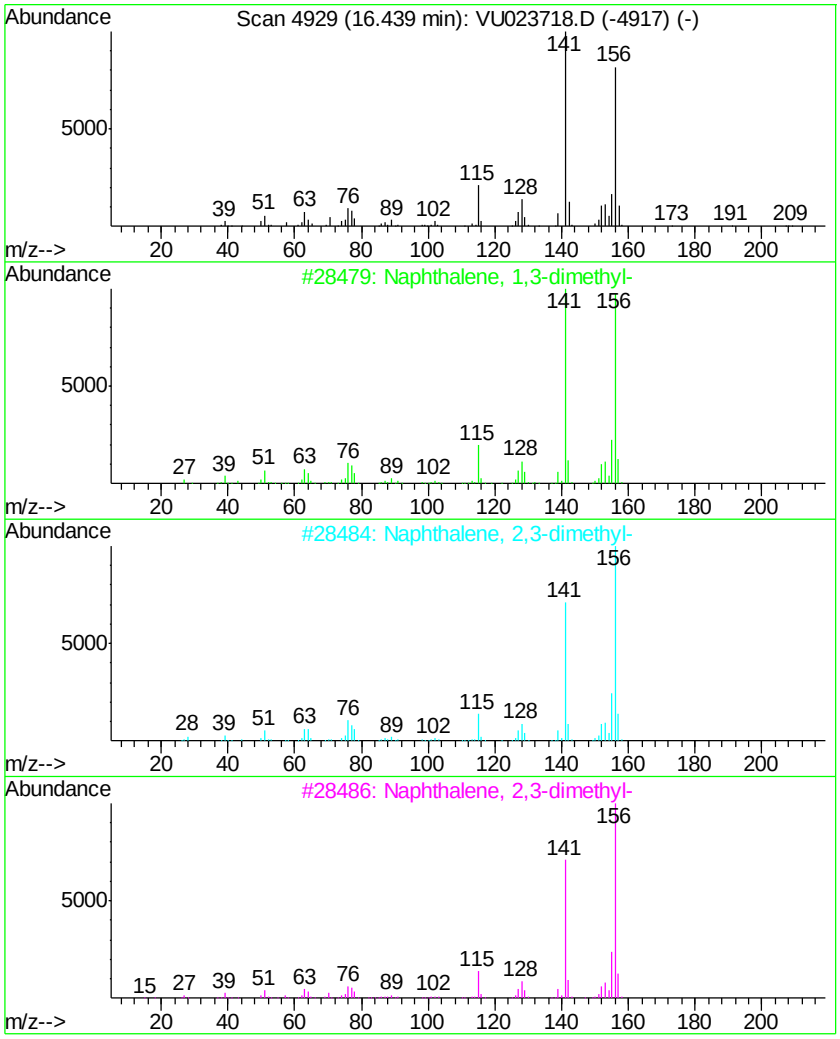
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

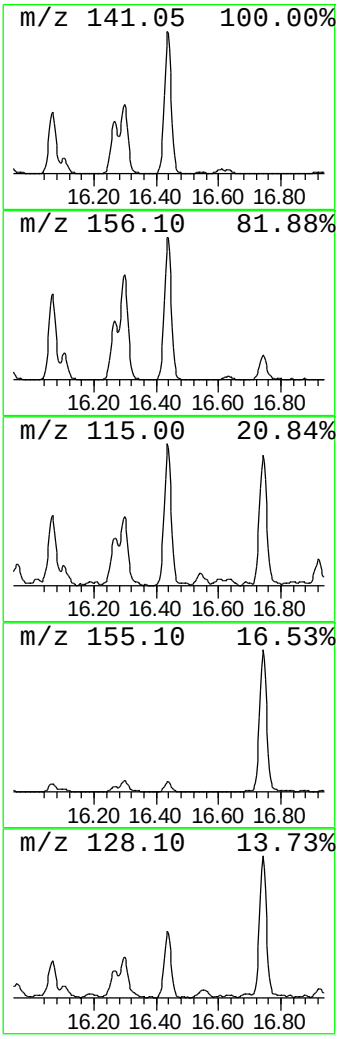
****

Peak Number 28 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	14.63 ug/L	284805	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	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

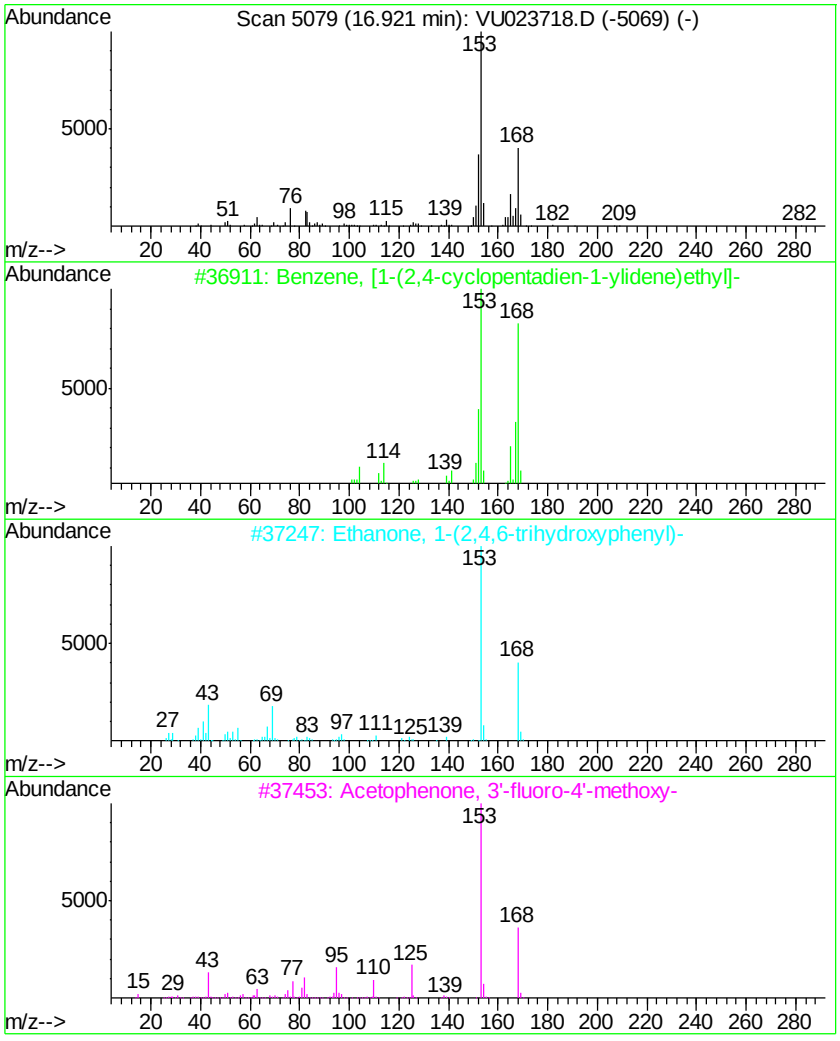
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

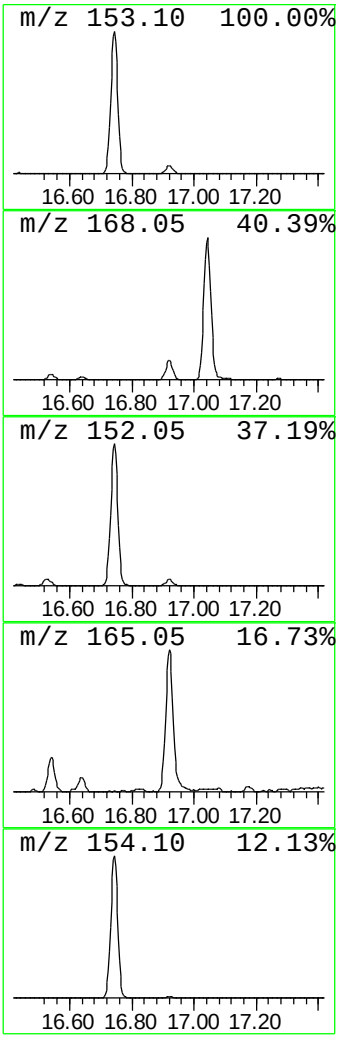
****

Peak Number 31 Benzene, [1-(2,4-cyclopenta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	15.73 ug/L	306236	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	56
2	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
5	2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	50





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023718.D
Acq On : 07 May 2018 16:21
Operator : MD/SY
Sample : J2725-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.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
Sulfur dioxide	1.28	13.3	ug/L	201548	1	5.89	755243	50.0
Indane	11.77	9.8	ug/L	191255	3	11.49	973143	50.0
Indene	11.99	5.3	ug/L	102604	3	11.49	973143	50.0
Benzene, 4-ethyl-...	12.26	2.5	ug/L	49063	3	11.49	973143	50.0
Benzene, 1-etheny...	12.36	38.1	ug/L	741416	3	11.49	973143	50.0
Cinnamaldehyde, (E)-	12.60	6.4	ug/L	125270	3	11.49	973143	50.0
Benzofuran, 7-met...	12.71	4.8	ug/L	94281	3	11.49	973143	50.0
Benzene, 1-etheny...	12.97	4.7	ug/L	91741	3	11.49	973143	50.0
Benzene, 1-methyl...	13.12	3.9	ug/L	75433	3	11.49	973143	50.0
Benzene, (3-methy...	13.46	2.8	ug/L	53802	3	11.49	973143	50.0
Benzene, 1-pentenyl-	13.56	8.8	ug/L	171048	3	11.49	973143	50.0
Pyrazolo[1,5-a]py...	13.92	7.0	ug/L	135681	3	11.49	973143	50.0
1H-Indene, 2,3-di...	14.16	2.6	ug/L	50059	3	11.49	973143	50.0
1H-Indene, 2,3-di...	14.34	4.6	ug/L	88822	3	11.49	973143	50.0
Benzo[b]thiophene...	14.82	7.1	ug/L	138985	3	11.49	973143	50.0
Naphthalene, 1-me...	14.88	13.4	ug/L	259766	3	11.49	973143	50.0
Acenaphthylene, 1...	15.57	2.9	ug/L	55659	3	11.49	973143	50.0
Naphthalene, 2,3-...	15.92	4.4	ug/L	85685	3	11.49	973143	50.0
Naphthalene, 1,2-...	16.27	5.7	ug/L	111005	3	11.49	973143	50.0
Naphthalene, 1,3-...	16.44	14.6	ug/L	284805	3	11.49	973143	50.0
Benzene, [1-(2,4-...	16.92	15.7	ug/L	306236	3	11.49	973143	50.0