LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

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\SOMULM040519WMA.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	1.389	86	93	109	rVB	216083	274857	13.09%	0.865%
2	1.563	128	147	148	rBV	47186	92222	4.39%	0.290%
3	1.637	148	170	180	rBV	256673	512431	24.40%	1.612%
4	2.225	342	353	370	rVV	451898	697099	33.20%	2.193%
5	2.955	568	580	594	rVV3	20997	45522	2.17%	0.143%
6	4.196	953	966	1004	rBV	177922	630503	30.03%	1.983%
7	4.640	1086	1104	1130	rBV	313996	824065	39.24%	2.592%
8	4.971	1185	1207	1223	rVV3	93004	225314	10.73%	0.709%
9	5.058	1223	1234	1254	rVB3	23155	59727	2.84%	0.188%
10	5.238	1268	1290	1298	rVV7	22927	67474	3.21%	0.212%
11	5.325	1298	1317	1345	rVV2	733238	2099798	100.00%	6.605%
12	5.463	1347	1360	1372	rVV4	77385	182372	8.69%	0.574%
13	5.537	1372	1383	1393	rVV3	65073	146896	7.00%	0.462%
14	5.608	1393	1405	1427	rVV3	118887	275305	13.11%	0.866%
15	5.878	1475	1489	1519	rBV	620968	1291924	61.53%	4.064%
16	6.325	1614	1628	1639	rVV	461479	956879	45.57%	3.010%
17	6.402	1640	1652	1666	rVV2	432844	986981	47.00%	3.104%
18	6.727	1737	1753	1770	rBV3	60790	127195	6.06%	0.400%
19	6.891	1793	1804	1828	rVB4	77249	160561	7.65%	0.505%
20	7.225	1898	1908	1925	rBV2	248609	491027	23.38%	1.544%
21	7.427	1962	1971	1986	rVB7	24229	54402	2.59%	0.171%
22	7.521	1986	2000	2003	rBV2	186823	286643	13.65%	0.902%
23	7.559	2004	2012	2033	rVB	955658	1727374	82.26%	5.433%
24	7.694	2041	2054	2063	rBV5	52346	114367	5.45%	0.360%
25	7.768	2071	2077	2090	rVB3	61456	109316	5.21%	0.344%
26	7.849	2090	2102	2112	rBV	181847	335240	15.97%	1.054%
27	7.910	2112	2121	2140	rVB2	146588	283639	13.51%	0.892%
28	8.038	2147	2161	2171	rBV3	56748	105653	5.03%	0.332%
29	8.318	2237	2248	2277	rBV	802492	1589164	75.68%	4.999%
30	8.482	2292	2299	2306	rVB6	35288	58842	2.80%	0.185%
31	8.540	2307	2317	2326	rBV2	183433	296852	14.14%	0.934%
32	8.601	2326	2336	2357	rVB2	128557	232893	11.09%	0.733%
33	8.752	2370	2383	2393	rBV6	39839	78936	3.76%	0.248%
34	8.810	2393	2401	2404	rVV3	31729	45085	2.15%	0.142%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

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\SOMULM040519WMA.M
Title : VOC Analysis

35	8.842	2406	2411	2425	rVV4	59040	120585	5.74%	0.379%
36	9.025	2459	2468	2476	rBV2	38950	63520	3.03%	0.200%
37	9.090	2476	2488	2504	rBV	933910	1580481	75.27%	4.971%
38	9.180	2510	2516	2526	rVB3	29935	55850	2.66%	0.176%
39	9.238	2526	2534	2551	rVB5	28232	56957	2.71%	0.179%
40	9.347	2551	2568	2576	rBV8	52314	129635	6.17%	0.408%
41	9.398	2577	2584	2592	rVV4	65571	118602	5.65%	0.373%
42	9.443	2592	2598	2620	rVB5	43161	104747	4.99%	0.329%
43	9.562	2624	2635	2650	rBV5	28792	53647	2.55%	0.169%
44	9.717	2669	2683	2701	rBV6	71694	169711	8.08%	0.534%
45	9.948	2738	2755	2766	rBV3	144520	284939	13.57%	0.896%
46	10.041	2774	2784	2792	rBV7	100173	185703	8.84%	0.584%
47	10.087	2793	2798	2808	rVB2	54436	83257	3.97%	0.262%
48	10.167	2811	2823	2831	rBV	43838	79038	3.76%	0.249%
49	10.318	2859	2870	2879	rVB4	36851	62398	2.97%	0.196%
50	10.431	2894	2905	2916	rBV	744829	1220628	58.13%	3.839%
51	10.485	2917	2922	2934	rVB6	68687	114611	5.46%	0.361%
52	10.588	2943	2954	2962	rBV	42285	78532	3.74%	0.247%
53	10.752	2996	3005	3013	rVV5	49204	82511	3.93%	0.260%
54	10.977	3067	3075	3093	rVB5	26117	76636	3.65%	0.241%
55	11.112	3109	3117	3131	rBV5	37840	75348	3.59%	0.237%
56	11.328	3177	3184	3196	rVB5	41609	81111	3.86%	0.255%
57	11.395	3197	3205	3214	rVV3	52964	78449	3.74%	0.247%
58	11.482	3222	3232	3255	rVB	1030067	1656293	78.88%	5.210%
59	11.765	3312	3320	3333	rBV4	43961	84650	4.03%	0.266%
60	11.858	3338	3349	3370	rVV	1014405	1743890	83.05%	5.485%
61	11.980	3379	3387	3393	rBV6	25319	44299	2.11%	0.139%
62	12.064	3408	3413	3433	rVB6	23189	53880	2.57%	0.169%
63	12.250	3460	3471	3479	rBV	84605	144091	6.86%	0.453%
64	12.353	3494	3503	3516	rBV2	99361	199271	9.49%	0.627%
65	12.511	3547	3552	3573	rVB7	41024	93831	4.47%	0.295%
66	12.611	3574	3583	3588	rBV7	54434	87739	4.18%	0.276%
67	12.649	3591	3595	3606	rVV	63818	94230	4.49%	0.296%
68	12.720	3610	3617	3628	rVB4	41410	73330	3.49%	0.231%
69	12.787	3629	3638	3648	rBV7	29465	56128	2.67%	0.177%
70	12.877	3658	3666	3674	rBV	29650	50622	2.41%	0.159%
71	13.119	3727	3741	3751	rBV2	349909	612374	29.16%	1.926%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

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\SOMULM040519WMA.M
Title : VOC Analysis

72	13.279	3784	3791	3799	rBV2	37316	62860	2.99%	0.198%
73	13.456	3838	3846	3853	rVB3	74125	112390	5.35%	0.354%
74	13.508	3854	3862	3870	rBV4	92833	138244	6.58%	0.435%
75	13.607	3887	3893	3899	rVV2	72016	90922	4.33%	0.286%
76	13.726	3921	3930	3941	rVB9	51186	104364	4.97%	0.328%
77	13.787	3941	3949	3960	rBV3	52849	96847	4.61%	0.305%
78	13.955	3993	4001	4011	rBV6	52909	101808	4.85%	0.320%
79	14.012	4013	4019	4027	rVB5	39042	57439	2.74%	0.181%
80	14.151	4053	4062	4077	rVB2	59238	115211	5.49%	0.362%
81	14.337	4109	4120	4132	rBV4	159252	353198	16.82%	1.111%
82	14.479	4158	4164	4174	rVV4	40104	67987	3.24%	0.214%
83	14.543	4176	4184	4195	rVB3	114928	202625	9.65%	0.637%
84	14.604	4196	4203	4213	rVB5	44542	68788	3.28%	0.216%
85	14.681	4217	4227	4241	rBV3	90865	200247	9.54%	0.630%
86	14.819	4263	4270	4276	rBV7	28710	46554	2.22%	0.146%
87	14.874	4276	4287	4300	rBV	705486	1233440	58.74%	3.880%
88	15.009	4322	4329	4334	rBV6	35481	53142	2.53%	0.167%
89	15.061	4335	4345	4357	rVV	449789	760023	36.20%	2.391%
90	15.585	4502	4508	4521	rVB2	57646	100498	4.79%	0.316%
91	15.800	4566	4575	4582	rBV	145447	238201	11.34%	0.749%
92	15.913	4599	4610	4632	rVB2	338771	663253	31.59%	2.086%
93	16.057	4646	4655	4662	rBV	350560	575557	27.41%	1.810%
94	16.096	4662	4667	4685	rVB	281146	455880	21.71%	1.434%
95	16.286	4711	4726	4735	rBV2	92280	204596	9.74%	0.644%
96	16.434	4764	4772	4783	rBV4	32261	56678	2.70%	0.178%
97	16.771	4870	4877	4889	rBV2	34778	57823	2.75%	0.182%
98	16.974	4934	4940	4947	rVB5	33228	44099	2.10%	0.139%
99	17.022	4949	4955	4970	rVB3	33884	61195	2.91%	0.192%
100	17.167	4994	5000	5010	rVB3	31987	50128	2.39%	0.158%

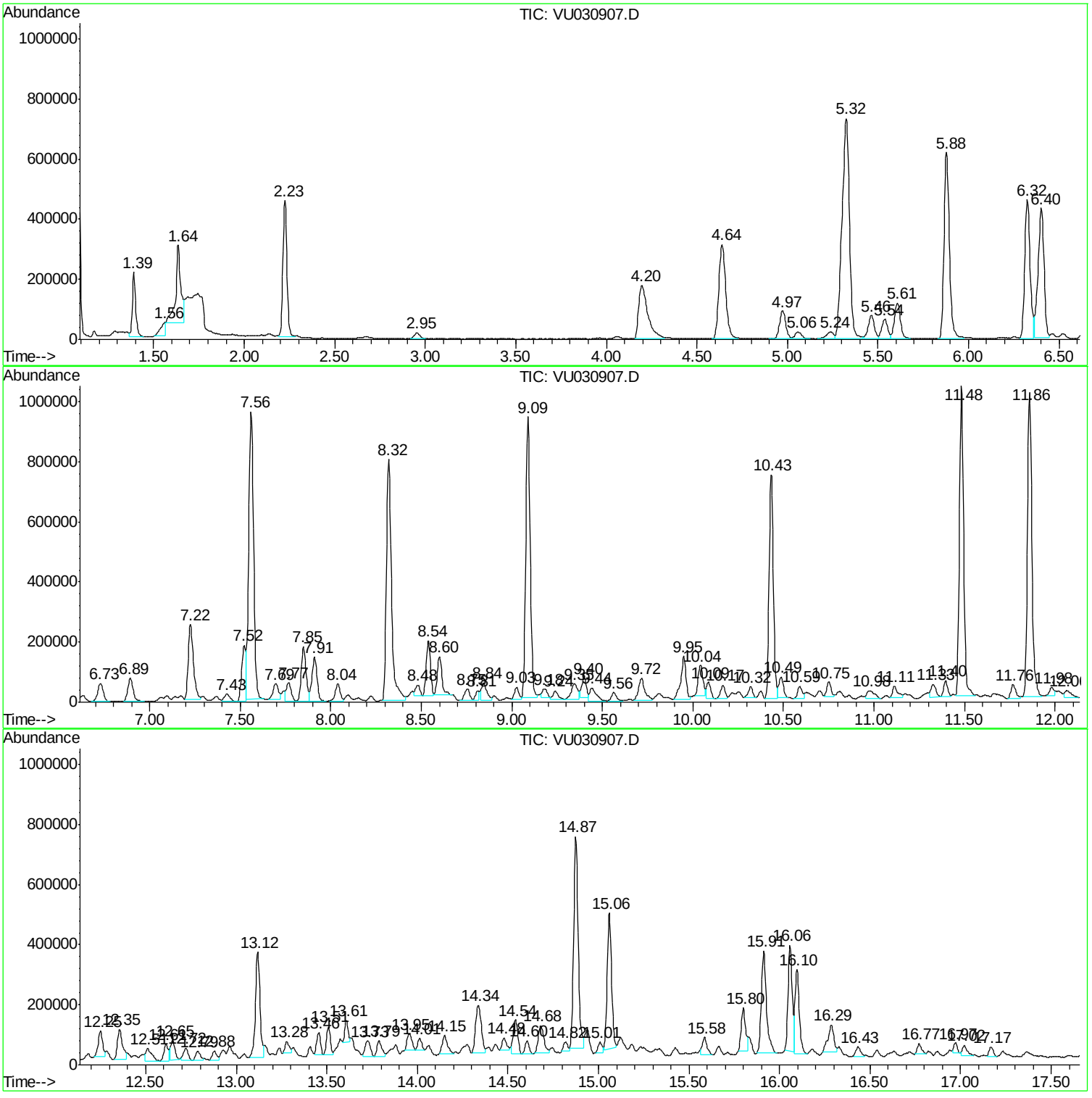
Sum of corrected areas: 31792079

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

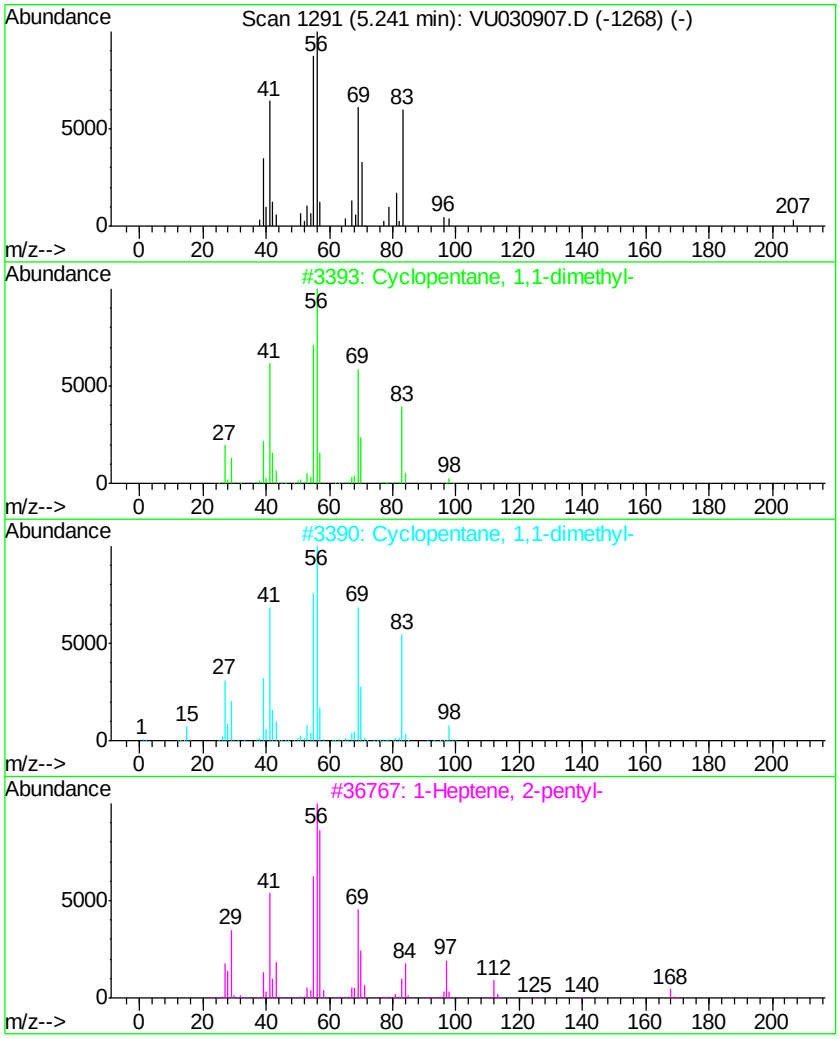
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

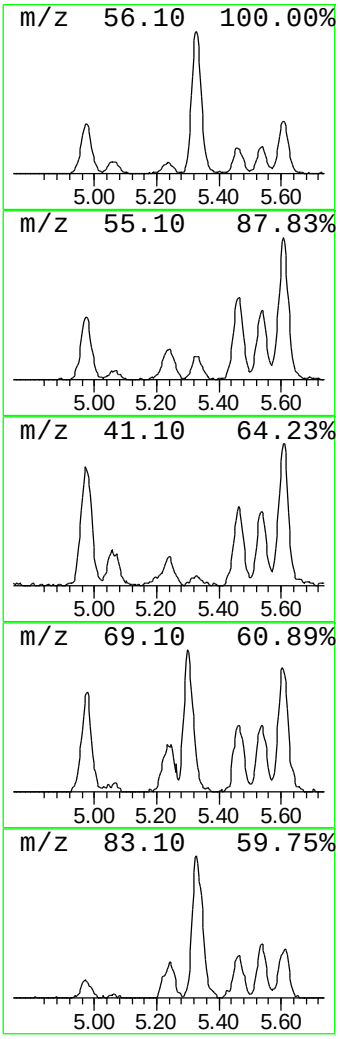
****

Peak Number 2 (DEL) Alkane: Cyclic5.24 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	2.61 ug/L	67474	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	87
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	87
3	1-Heptene, 2-pentyl-	168	C12H24	017799-46-1	53
4	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	50
5	2,2,6,6,-Tetramethylcyclohexanone	154	C10H18O	001195-93-3	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

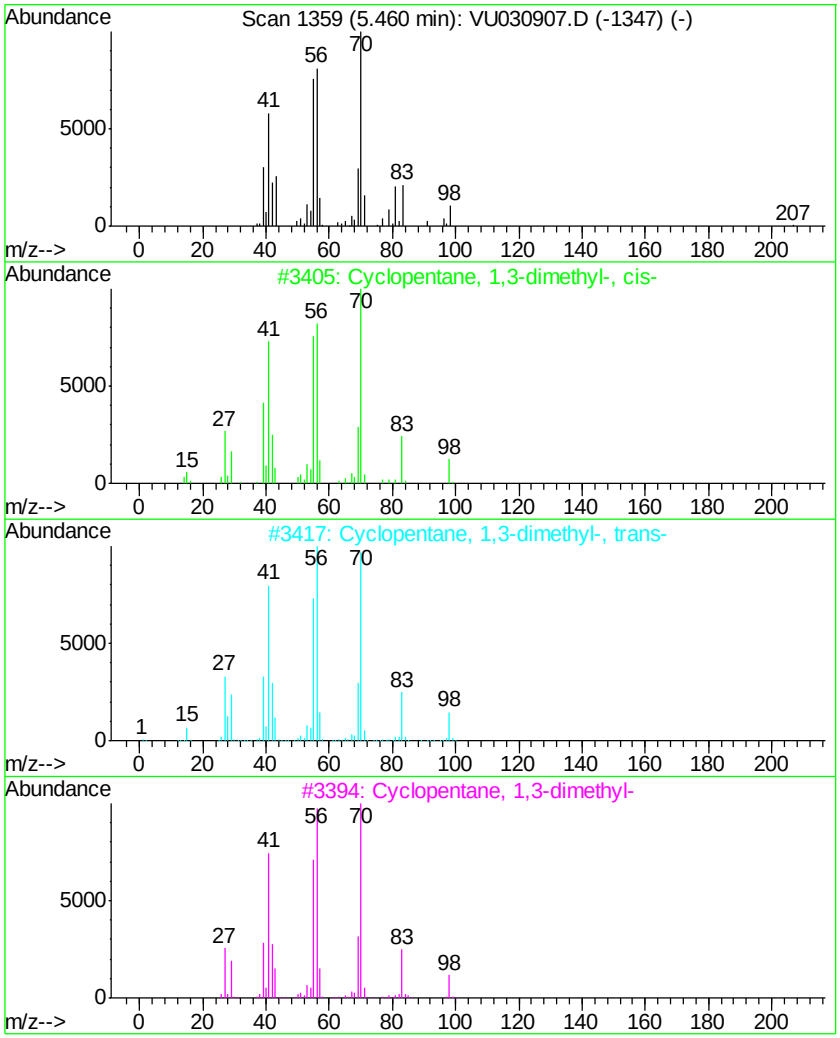
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

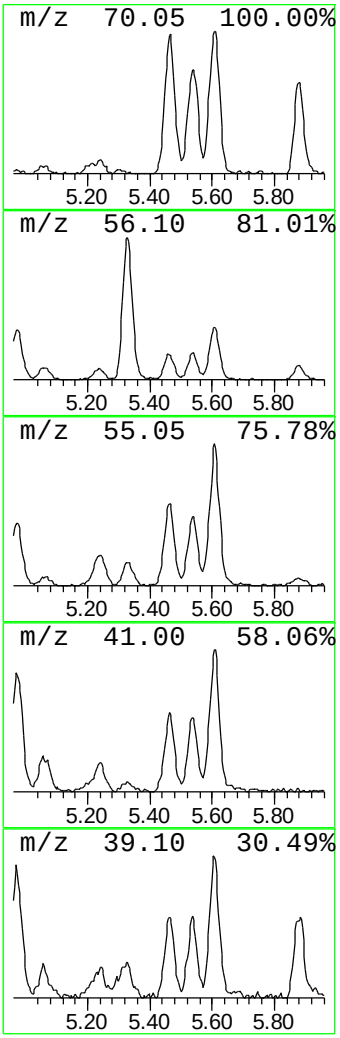
****

Peak Number 3 (DEL) Alkane: Cyclic5.46 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	7.06 ug/L	182372	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	95
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	93
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

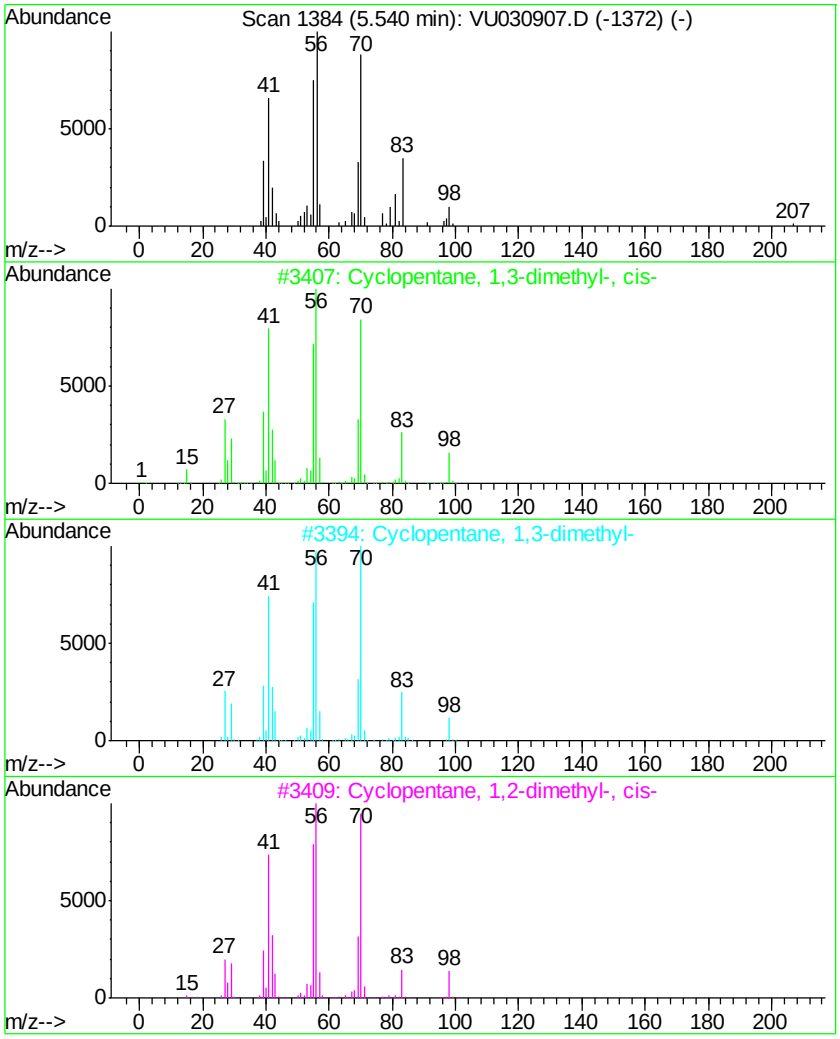
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

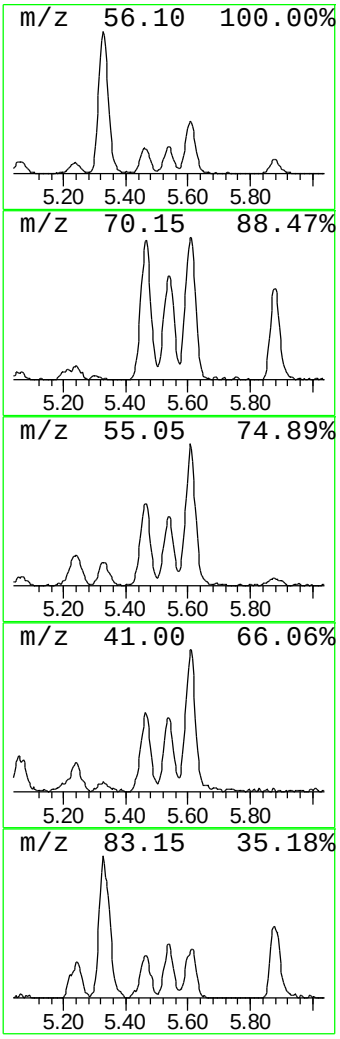
****

Peak Number 4 (DEL) Alkane: Cyclic5.54 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	5.69 ug/L	146896	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	81
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	74
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

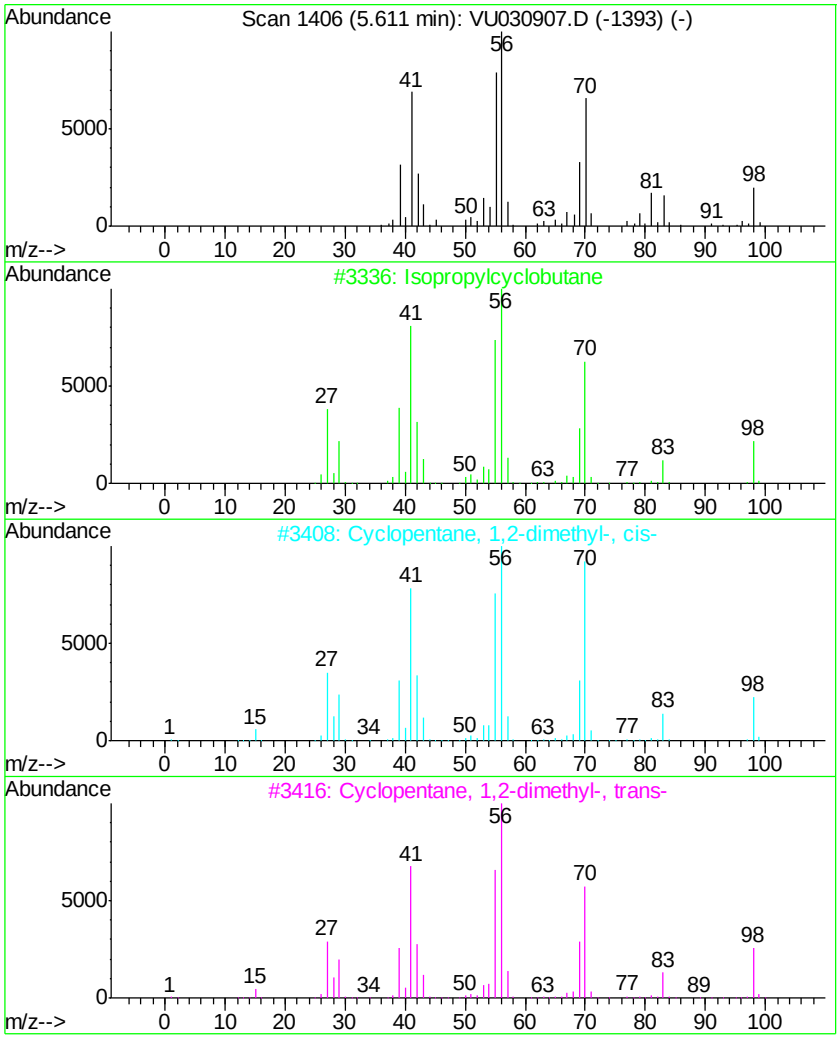
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

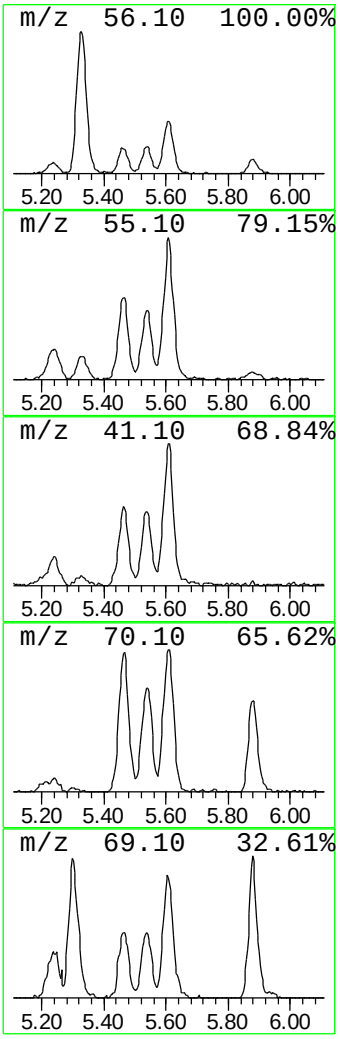
****

Peak Number 5 (DEL) Alkane: Cyclic5.61 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	10.65 ug/L	275305	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	95
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	83
5	1-Heptene	98	C7H14	000592-76-7	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

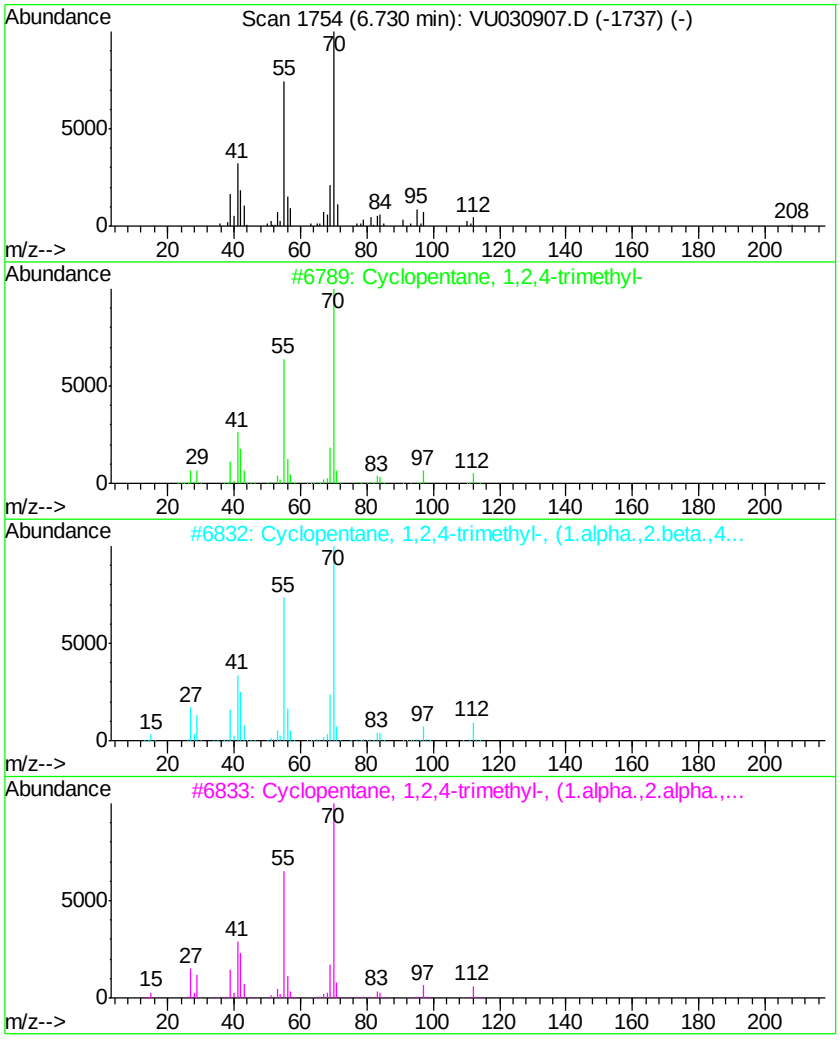
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

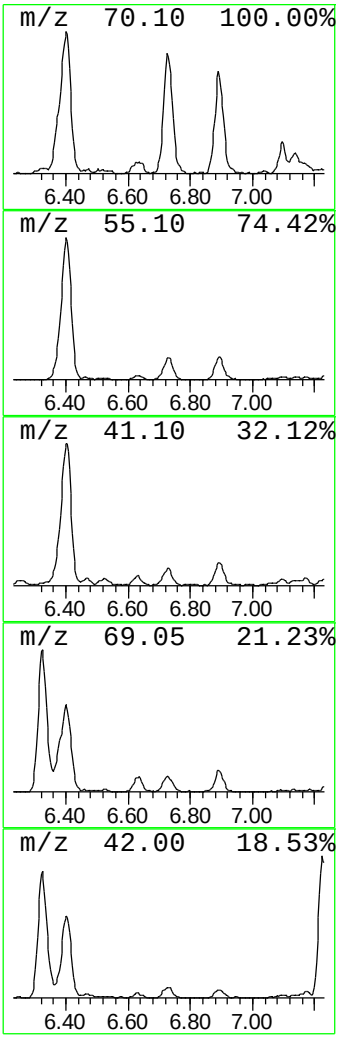
****

Peak Number 6 (DEL) Alkane: Cyclic6.73 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	4.92 ug/L	127195	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	86
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	81
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

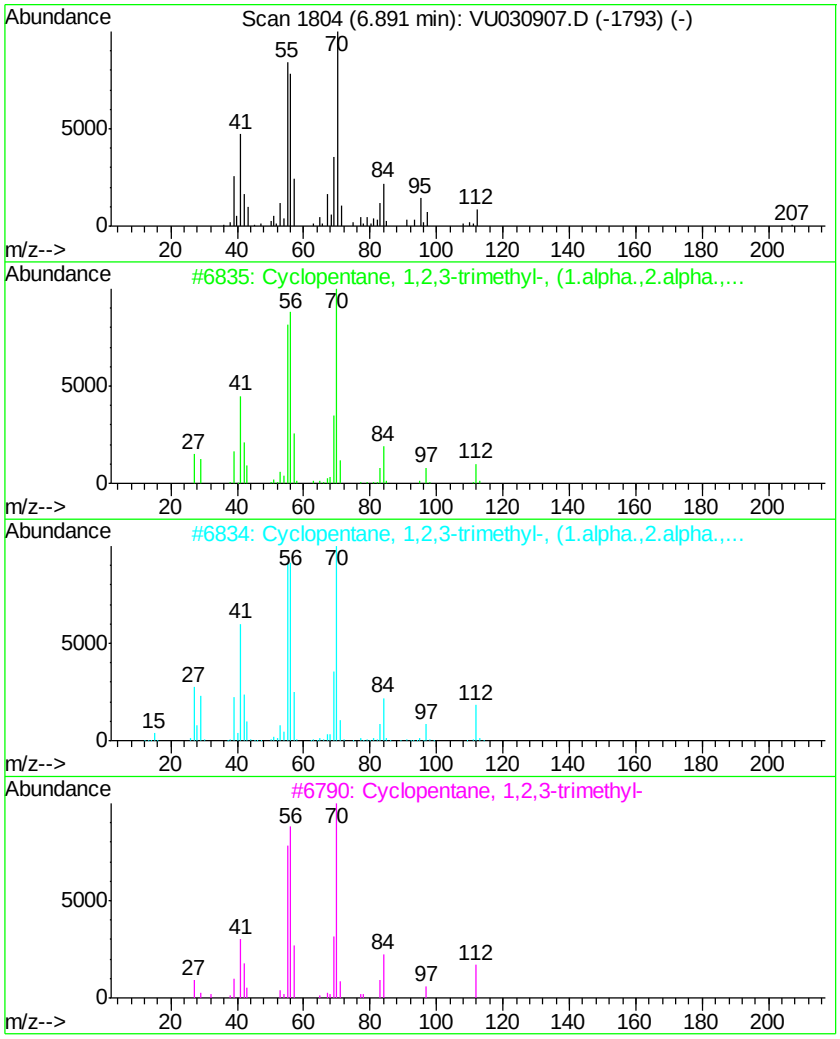
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

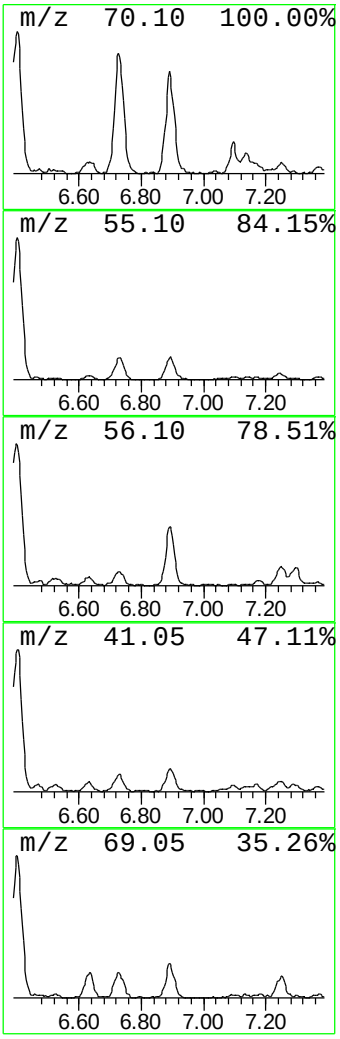
****

Peak Number 7 (DEL) Alkane: Cyclic6.89 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	6.21 ug/L	160561	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	90
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

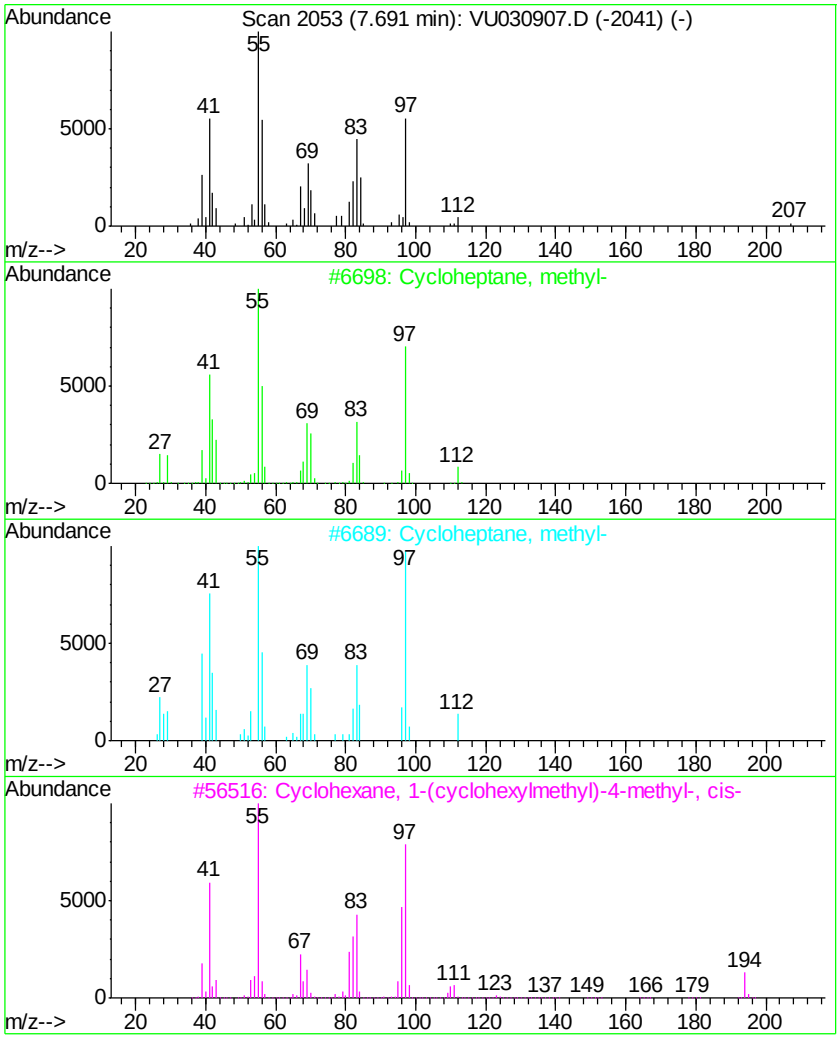
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

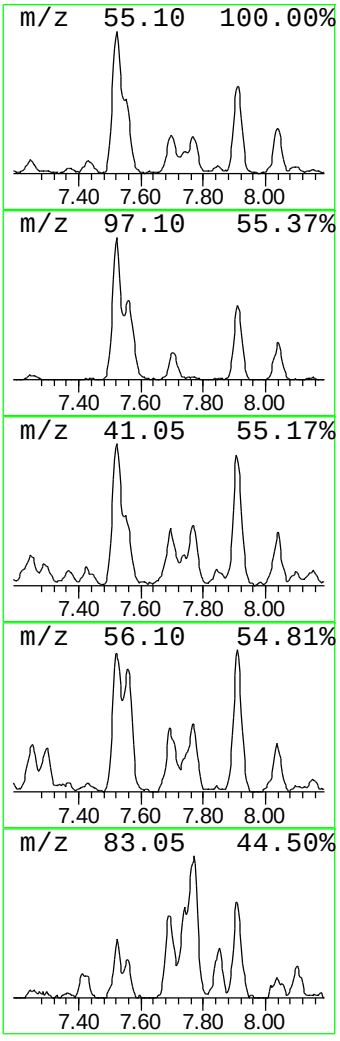
****

Peak Number 9 (DEL) Alkane: Cyclic7.69 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	3.62 ug/L	114367	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	86
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	83
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	50
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

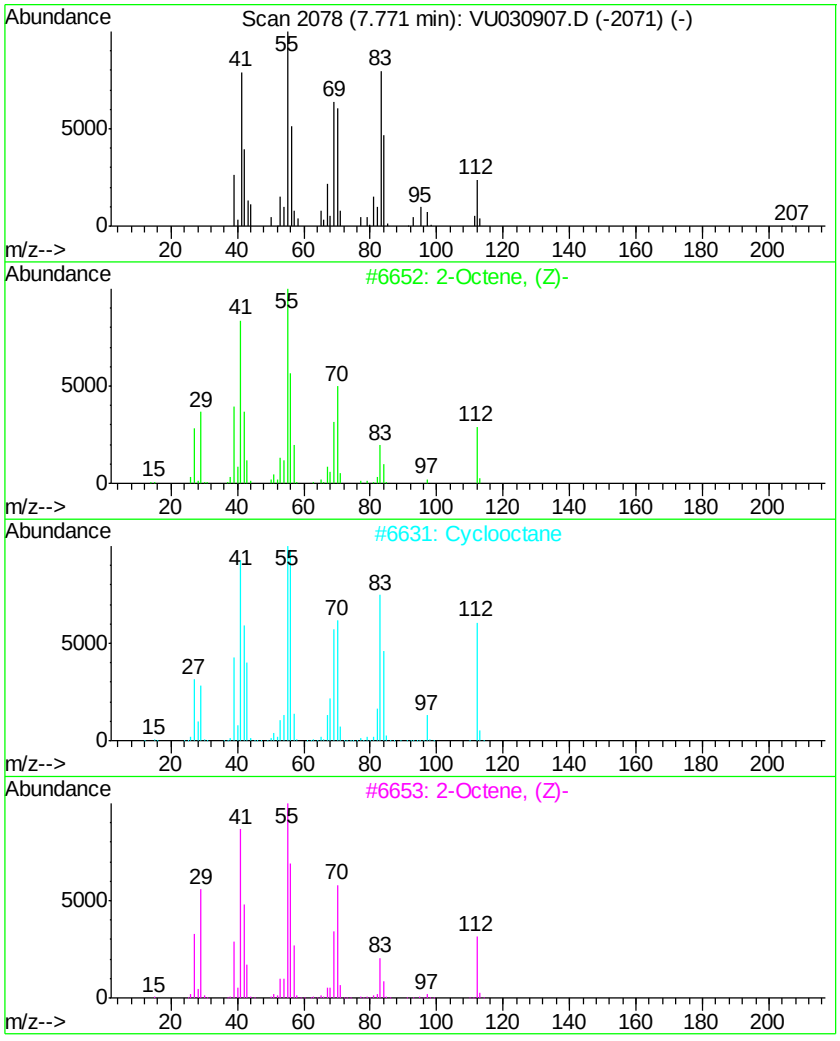
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

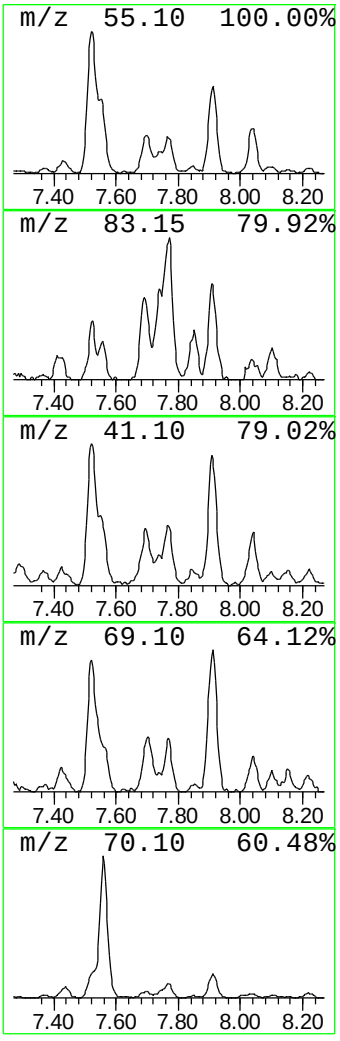
****

Peak Number 10 (DEL) Alkane: Cyclic7.77 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	3.46 ug/L	109316	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, (Z)-	112	C8H16	007642-04-8	64
2	Cyclooctane	112	C8H16	000292-64-8	64
3	2-Octene, (Z)-	112	C8H16	007642-04-8	64
4	4-Octene, (Z)-	112	C8H16	007642-15-1	58
5	2-Octene, (Z)-	112	C8H16	007642-04-8	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

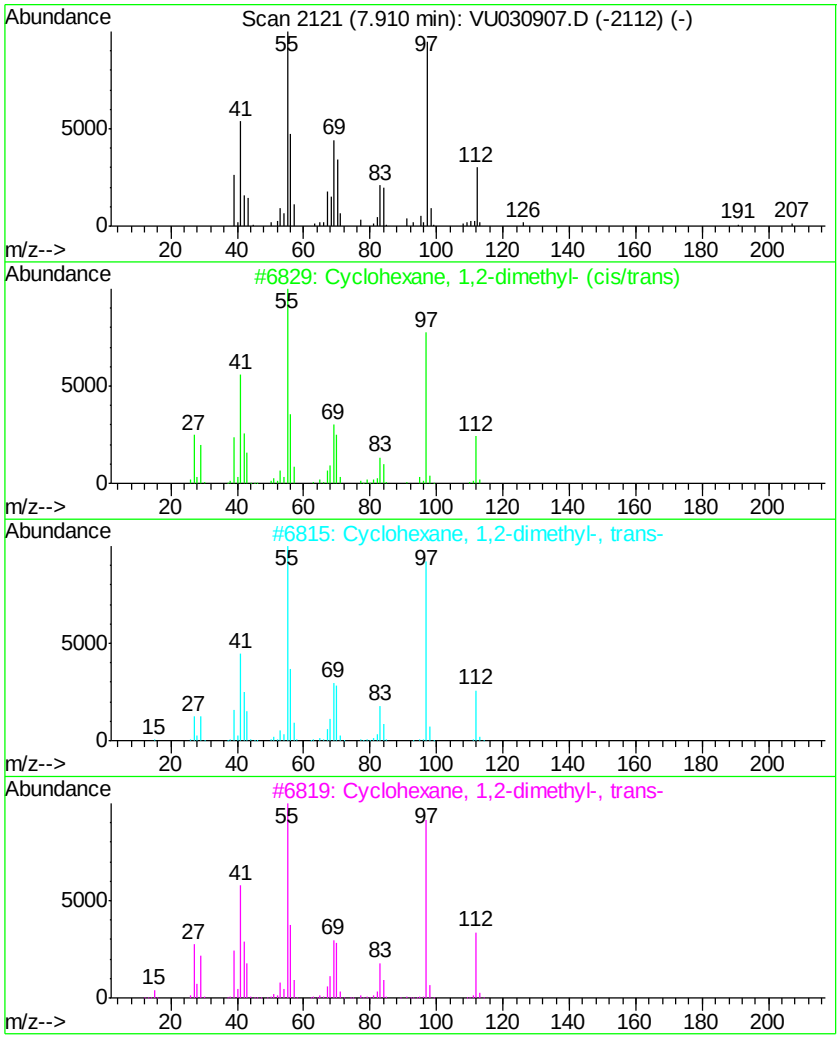
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

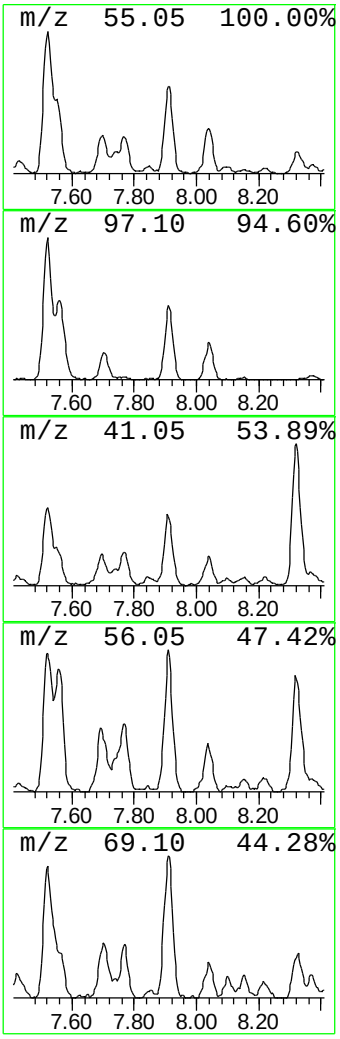
****

Peak Number 11 (DEL) Alkane: Cyclic7.91 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	8.97 ug/L	283639	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	95
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

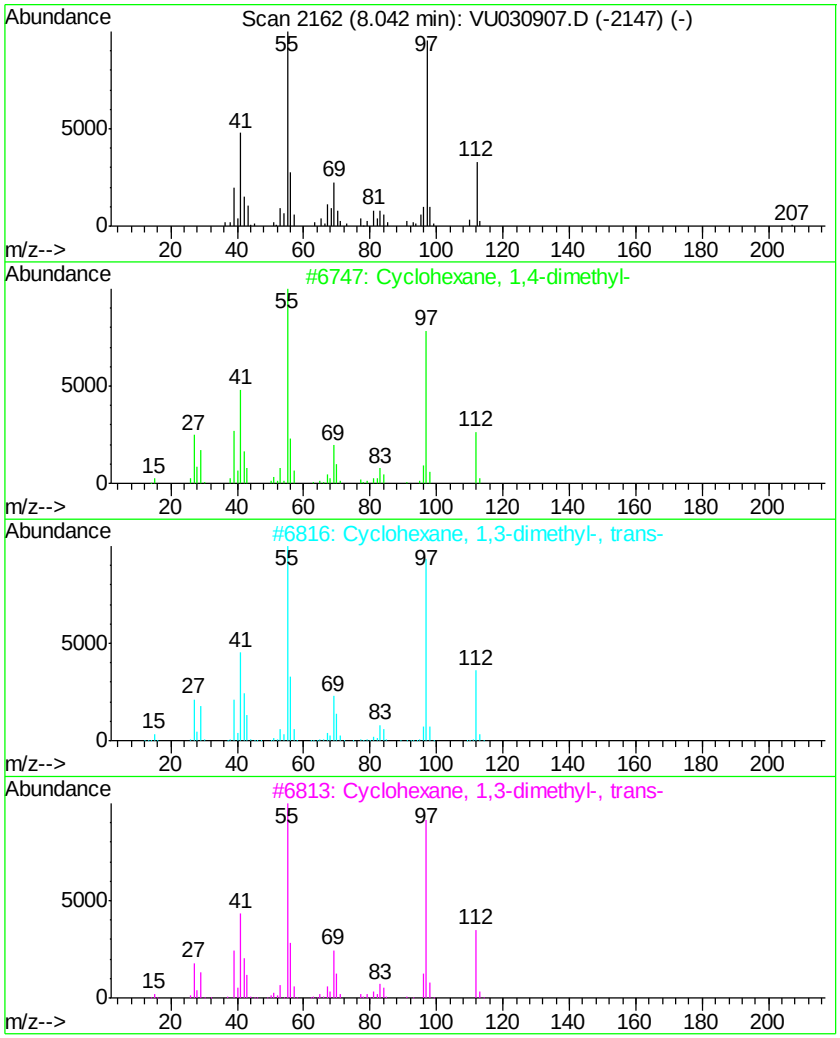
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

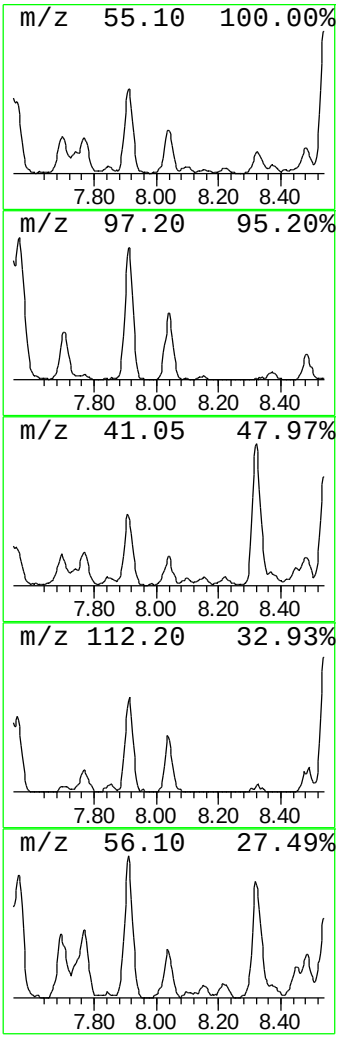
****

Peak Number 12 (DEL) Alkane: Cyclic8.04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	3.34 ug/L	105653	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

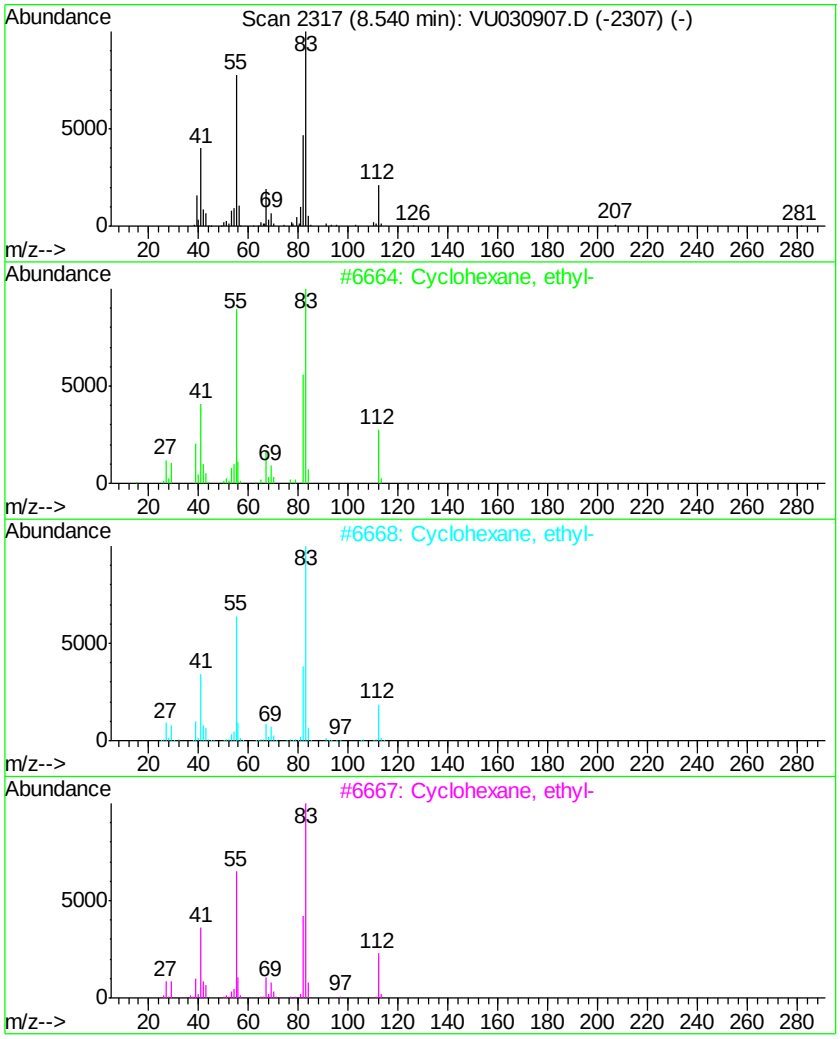
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

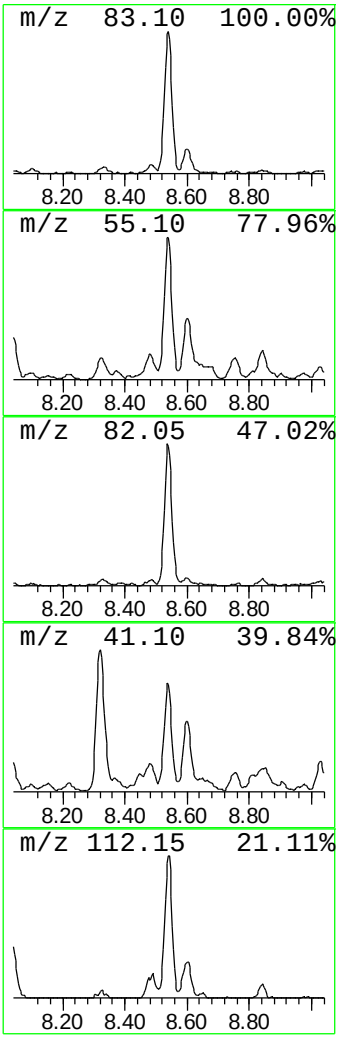
****

Peak Number 13 (DEL) Alkane: Cyclic8.54 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	9.39 ug/L	296852	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

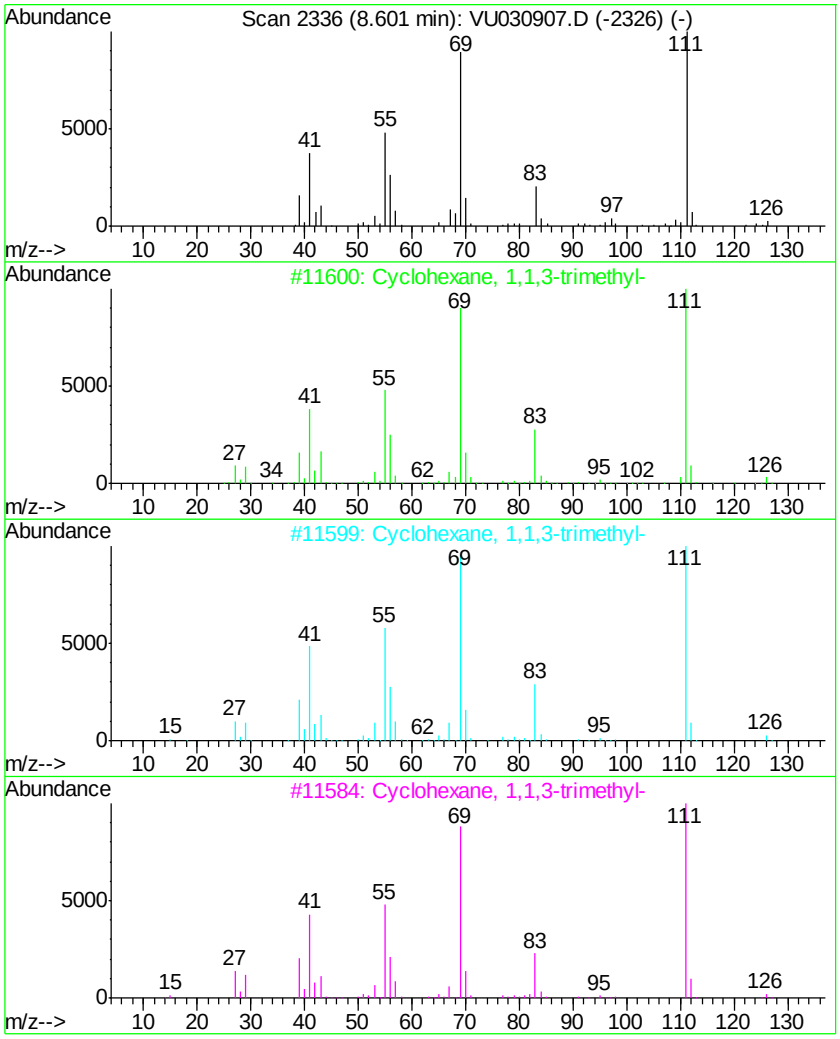
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

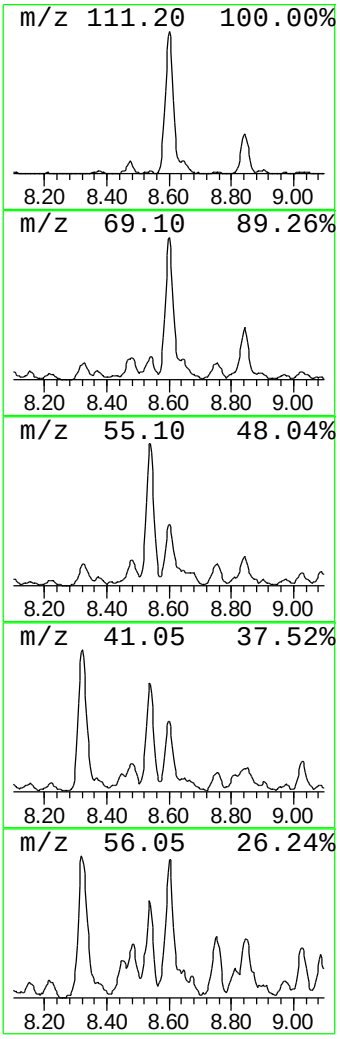
****

Peak Number 14 (DEL) Alkane: Cyclic8.60 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	7.37 ug/L	232893	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

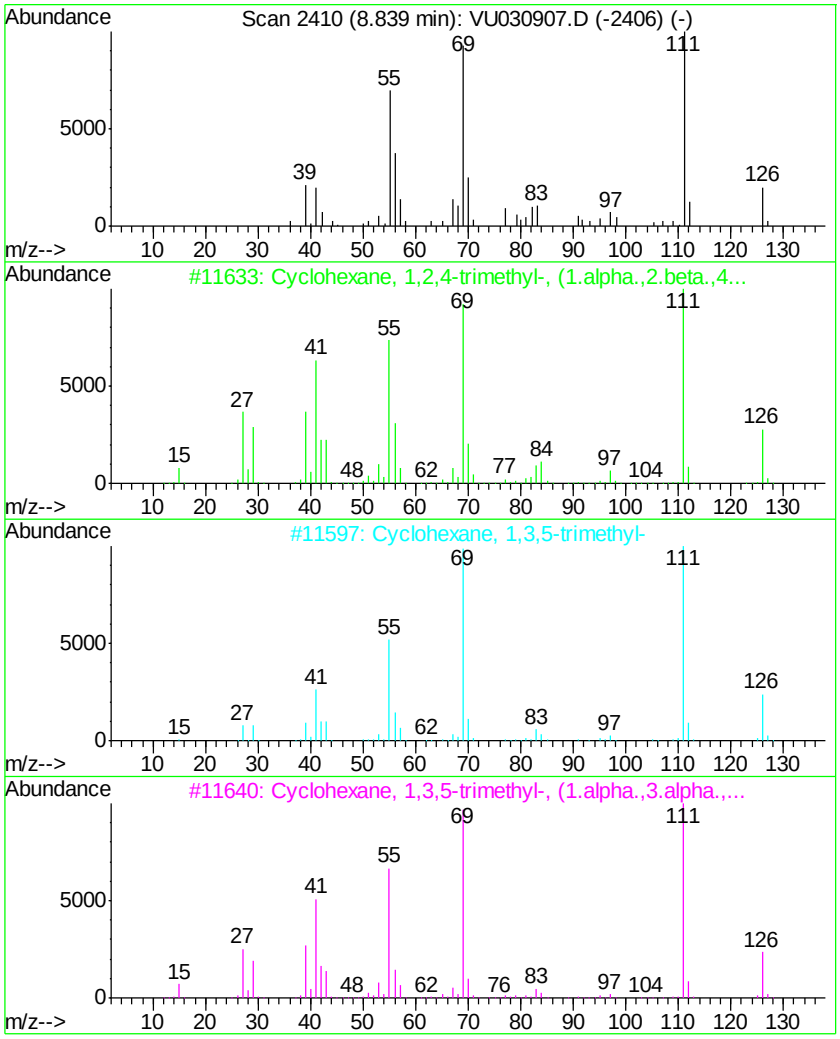
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

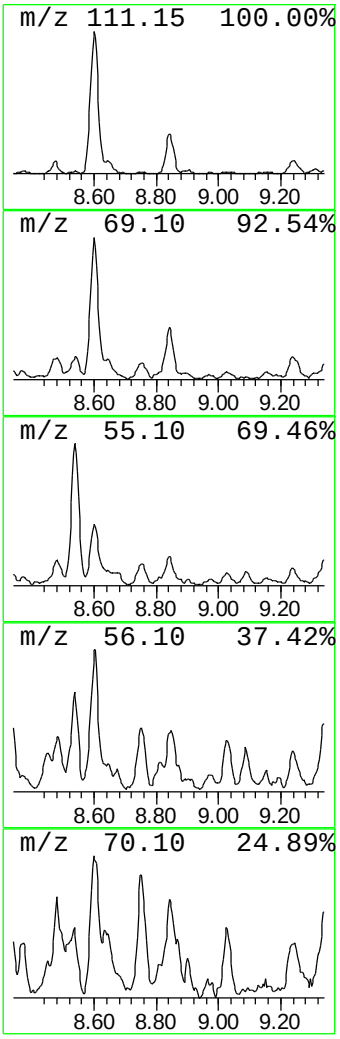
****

Peak Number 15 (DEL) Alkane: Cyclic8.84 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	3.81 ug/L	120585	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	86
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
4	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	64
5	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

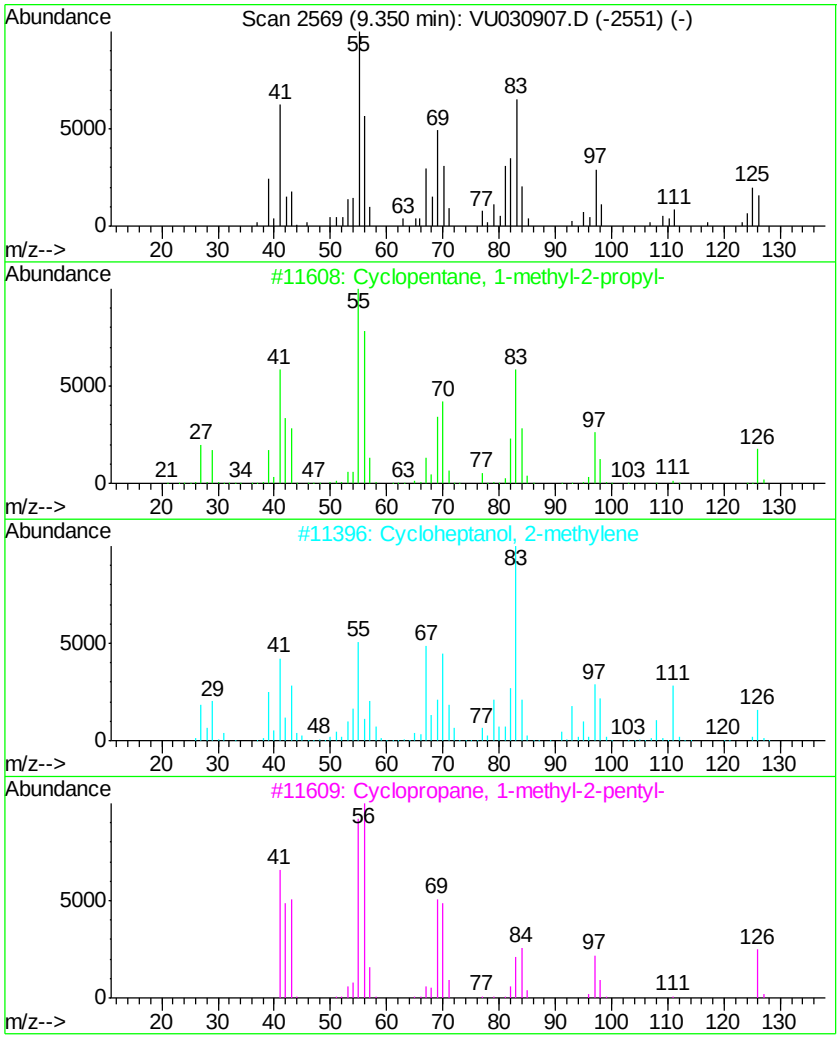
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

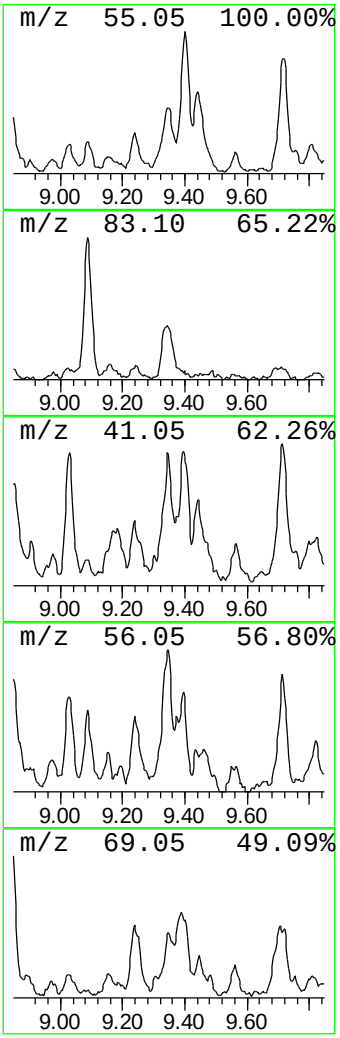
****

Peak Number 16 (DEL) Alkane: Cyclic9.35 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	4.10 ug/L	129635	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	83
2	Cycloheptanol, 2-methylene	126	C8H14O	016240-38-3	53
3	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	53
4	2-Nonene, (E)-	126	C9H18	006434-78-2	46
5	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

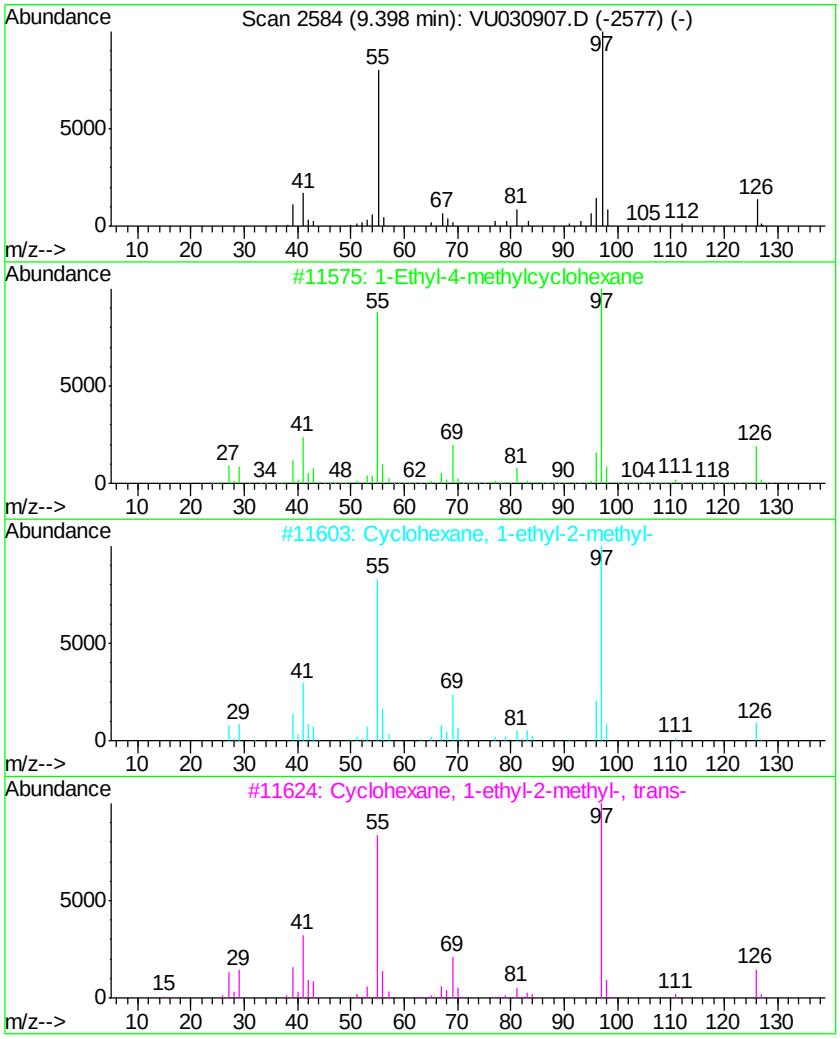
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

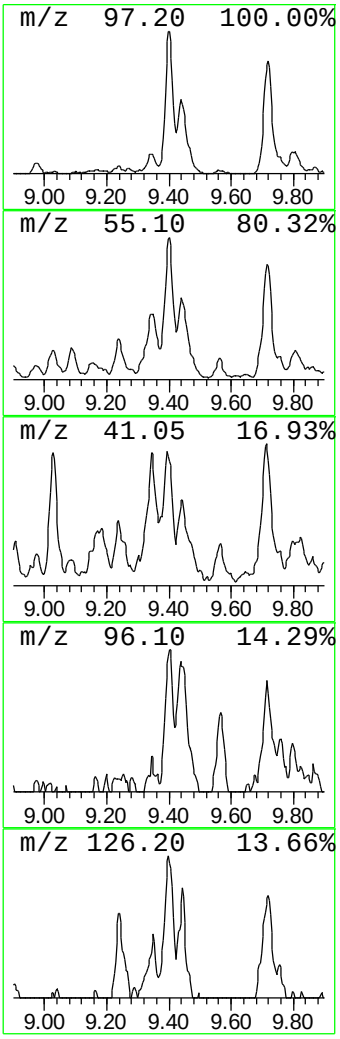
****

Peak Number 17 (DEL) Alkane: Cyclic9.40 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.75 ug/L	118602	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	86
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	80
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	78
5	4-Octen-3-one	126	C8H14O	014129-48-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

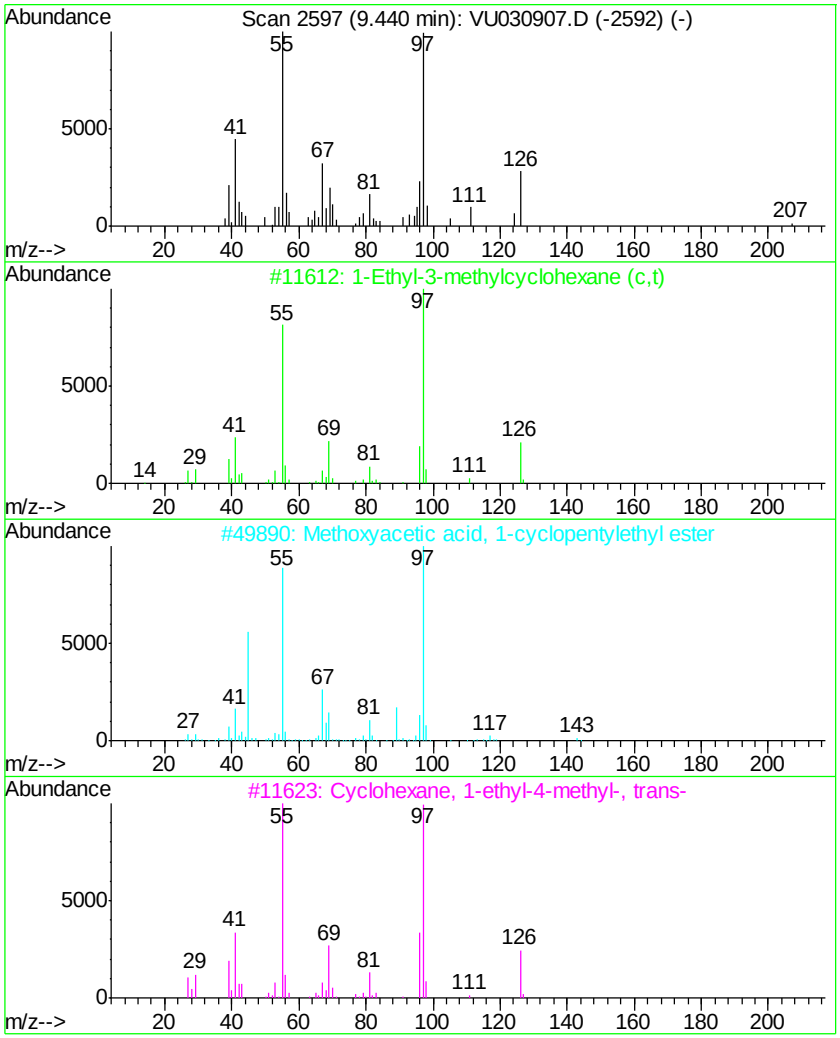
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

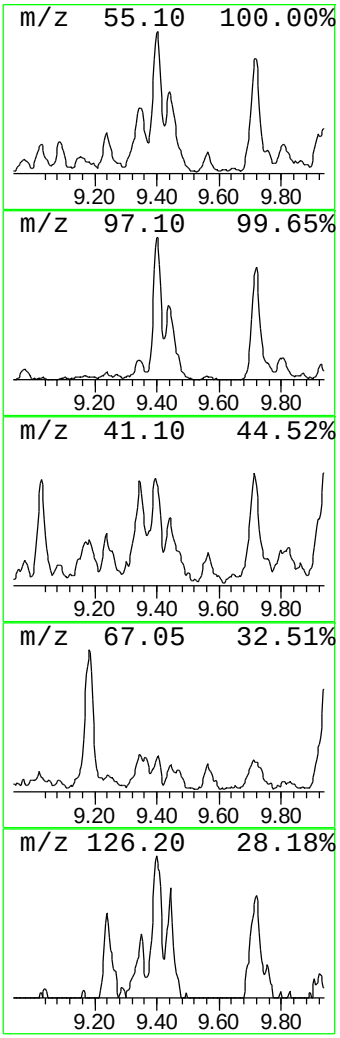
****

Peak Number 18 (DEL) Alkane: Cyclic9.44 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	3.31 ug/L	104747	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	62
2	Methoxyacetic acid, 1-cyclopenty...	186	C10H18O3	1000282-69-5	50
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

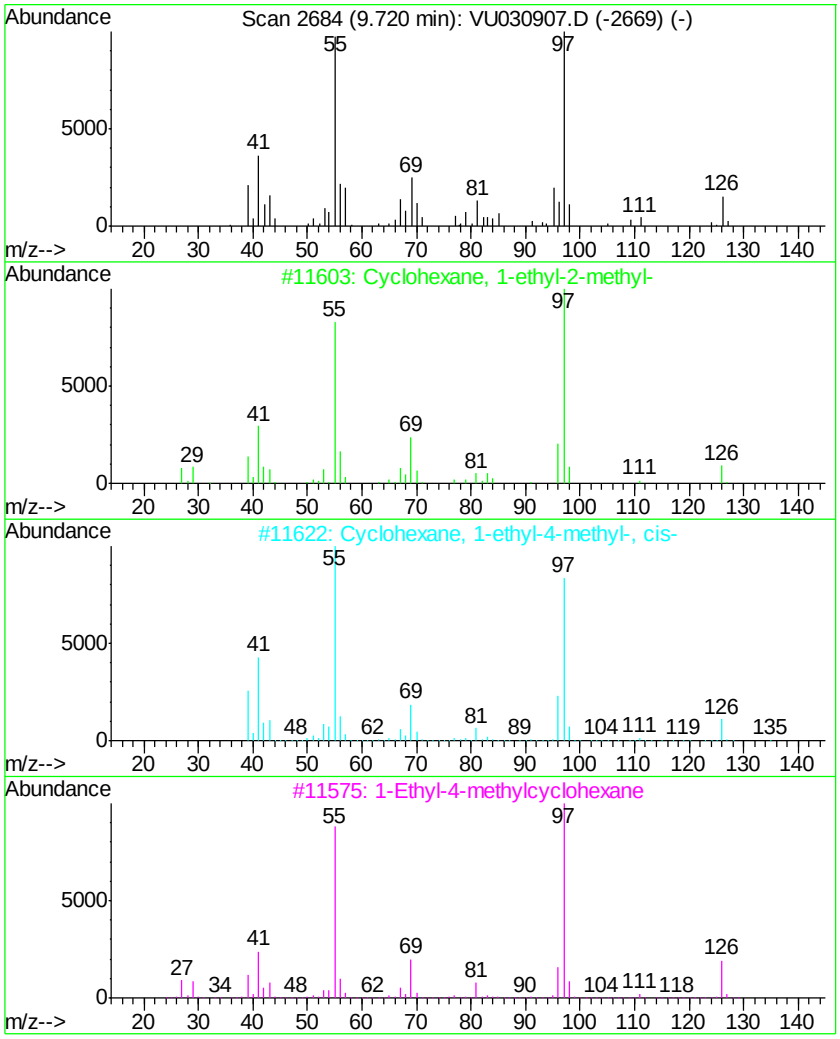
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

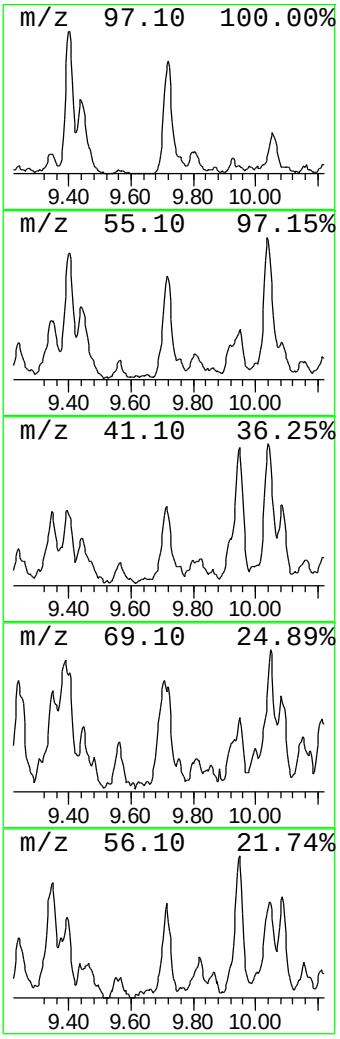
****

Peak Number 19 (DEL) Alkane: Cyclic9.72 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	5.37 ug/L	169711	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	76
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	70
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
5	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

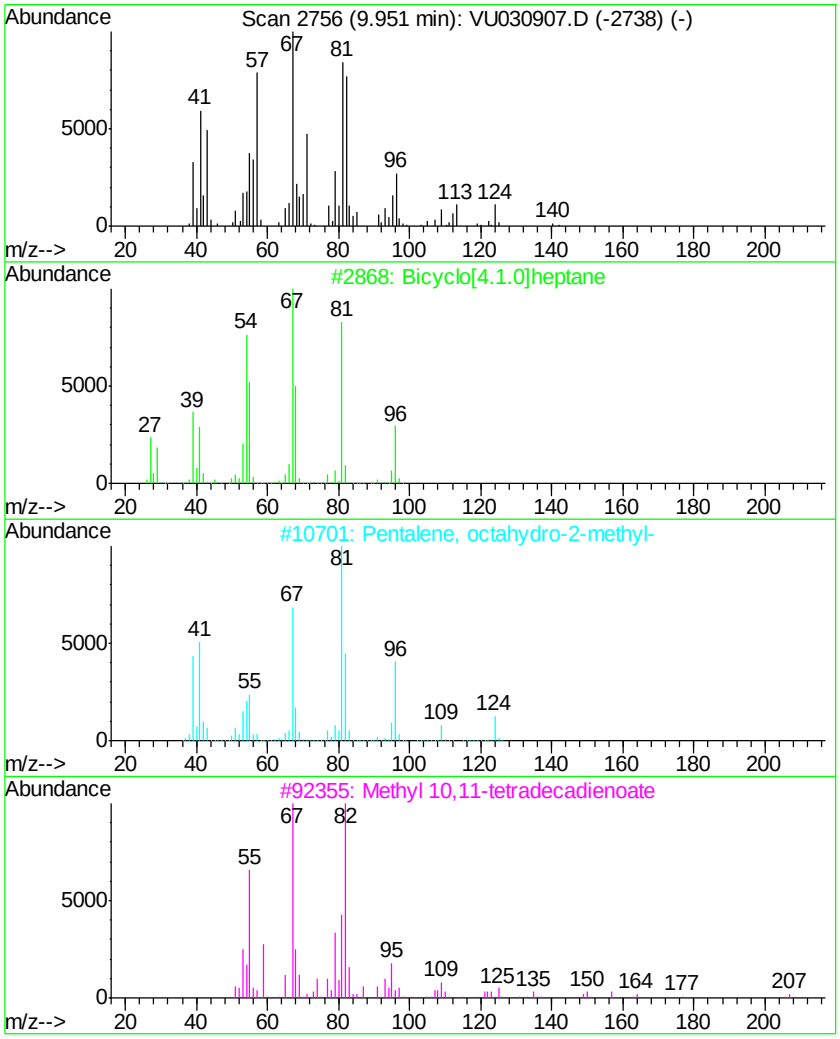
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

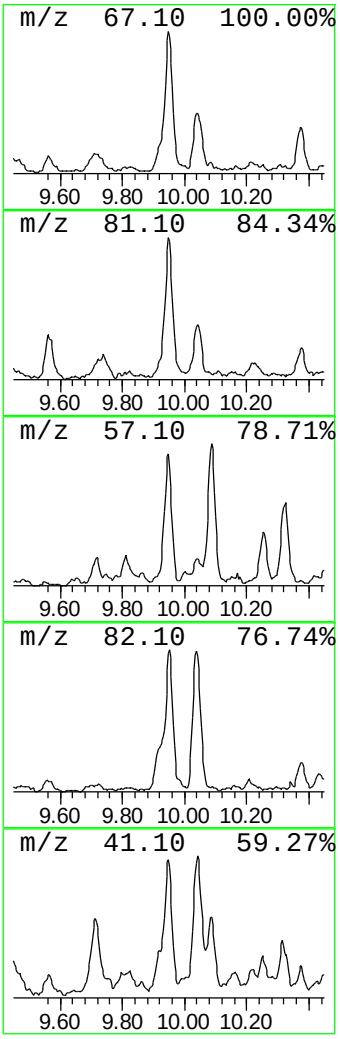
****

Peak Number 20 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	9.01 ug/L	284939	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	49
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46
3	Methyl 10,11-tetradecadienoate	238	C15H26O2	1000336-31-8	43
4	1-Pentadecyne	208	C15H28	000765-13-9	43
5	(6Z)-Nonen-1-ol	142	C9H18O	035854-86-5	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

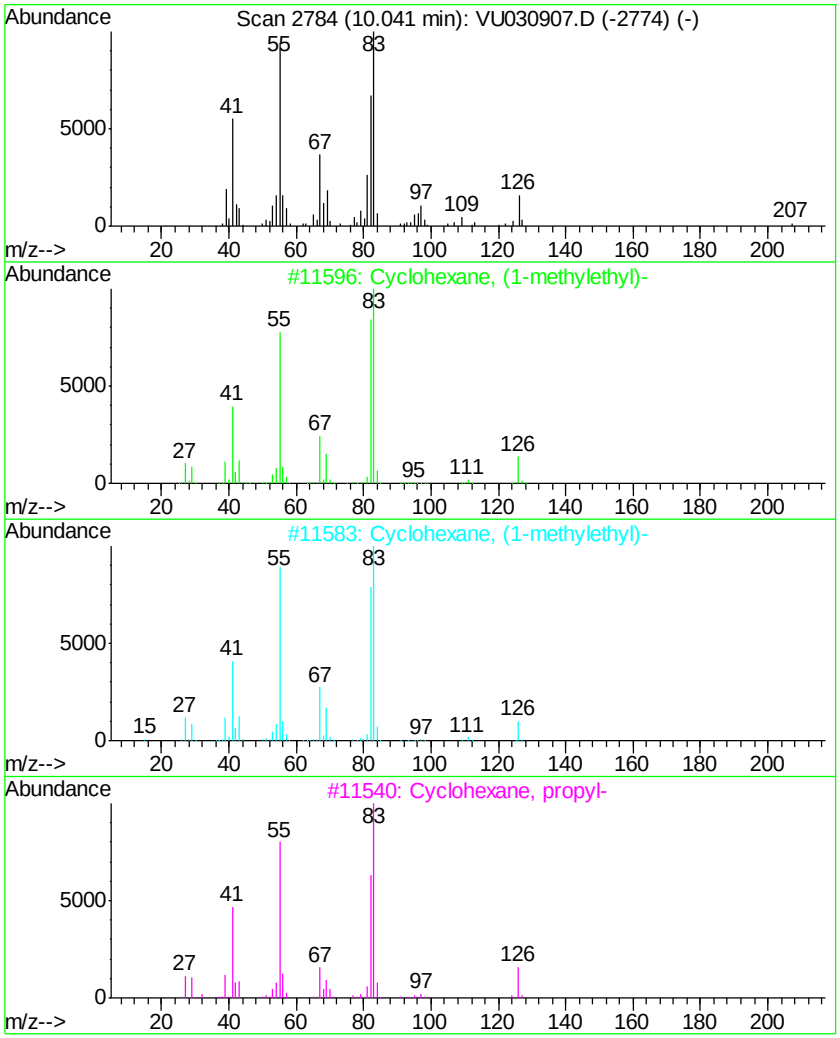
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

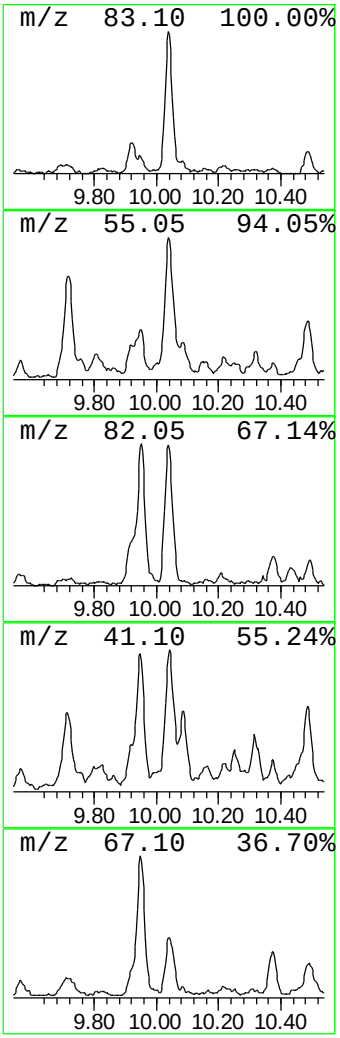
****

Peak Number 21 (DEL) Alkane: Cyclic10.04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	5.87 ug/L	185703	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

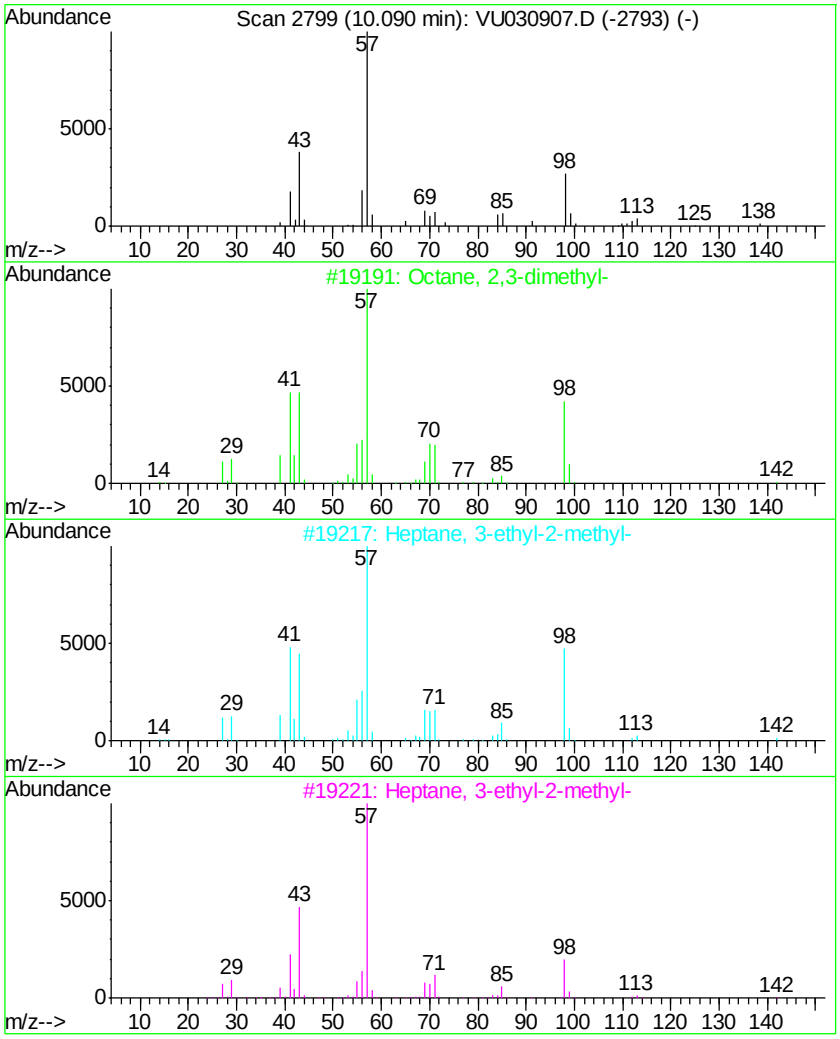
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

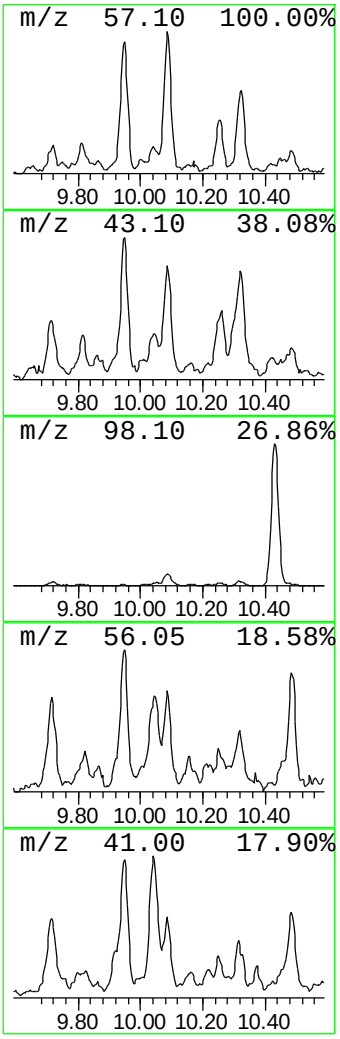
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.63 ug/L	83257	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	40
4	Octane, 3-methyl-	128	C9H20	002216-33-3	38
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

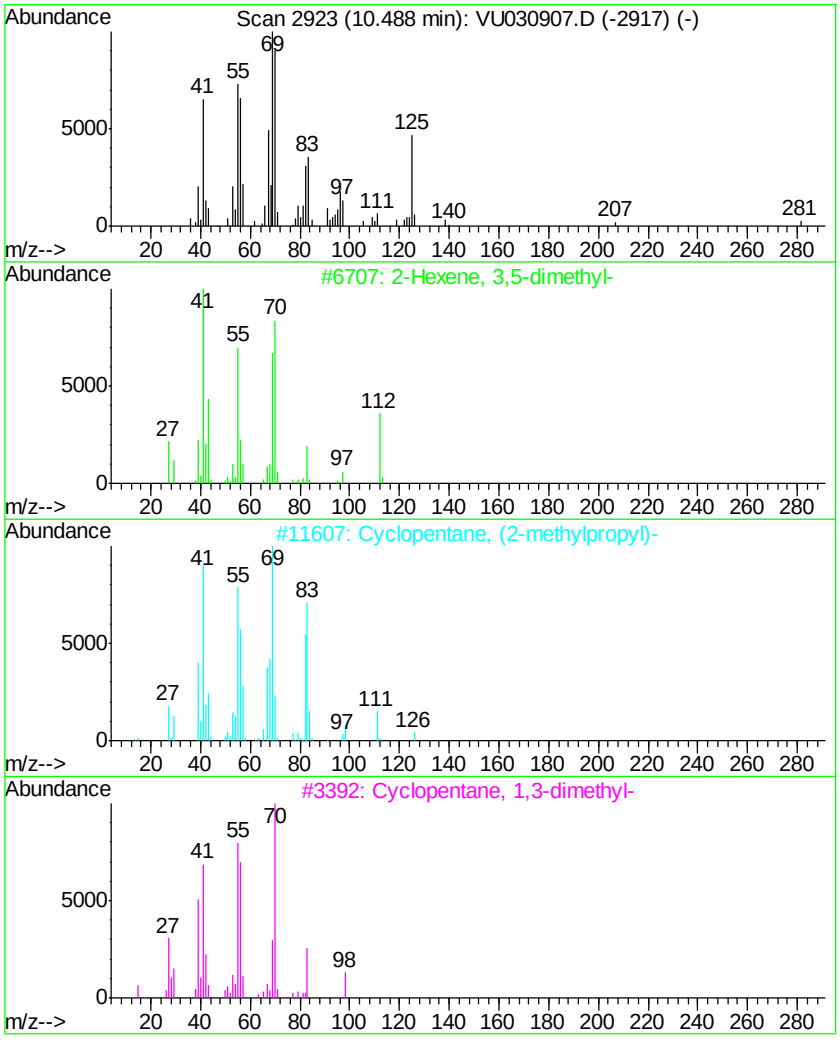
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

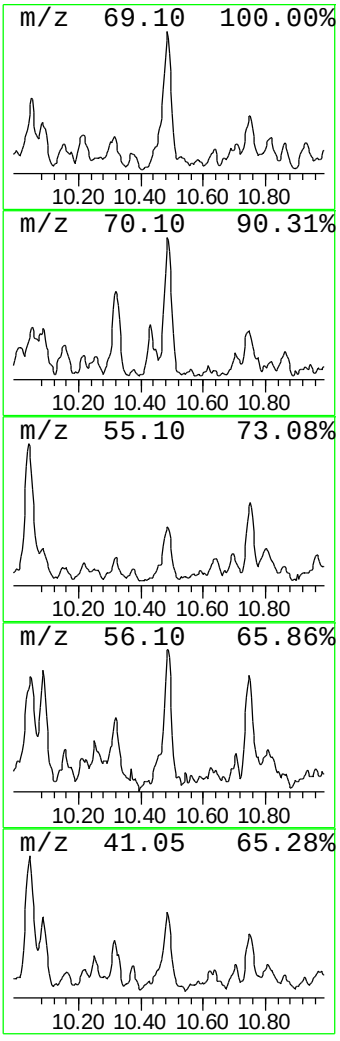
****

Peak Number 23 (DEL) Alkane: Cyclic10.49 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3.46 ug/L	114611	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	43
2	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	27
4	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	25
5	Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

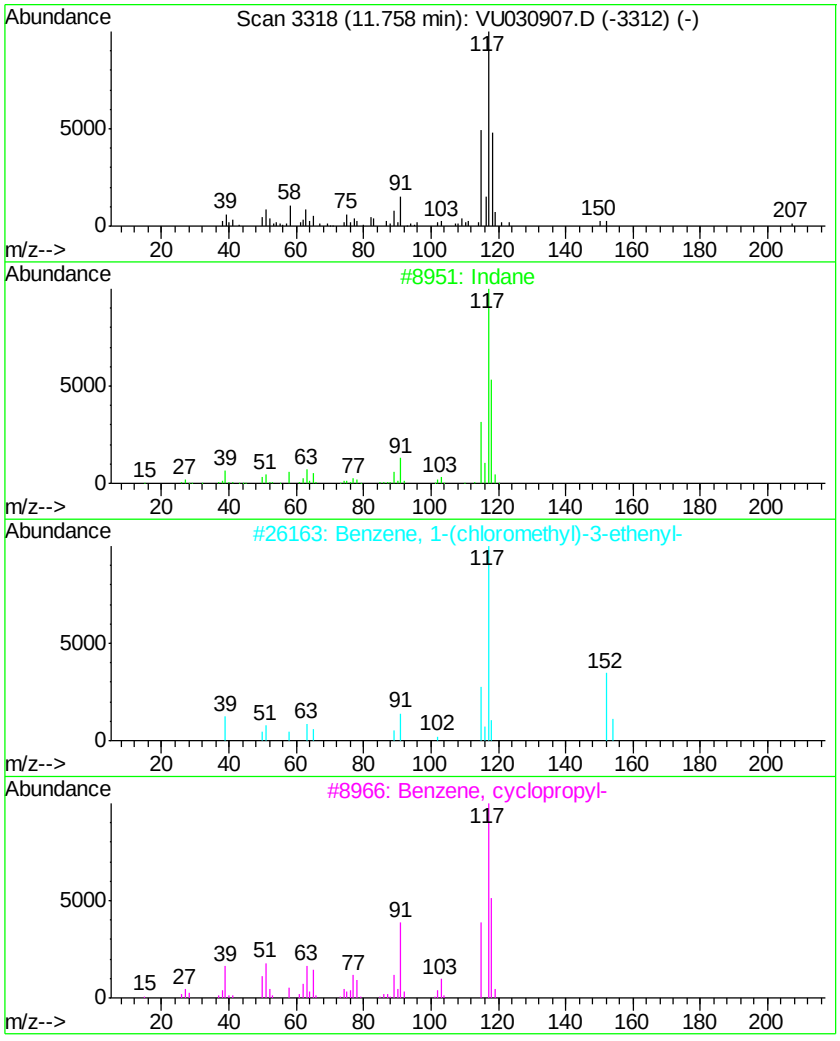
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

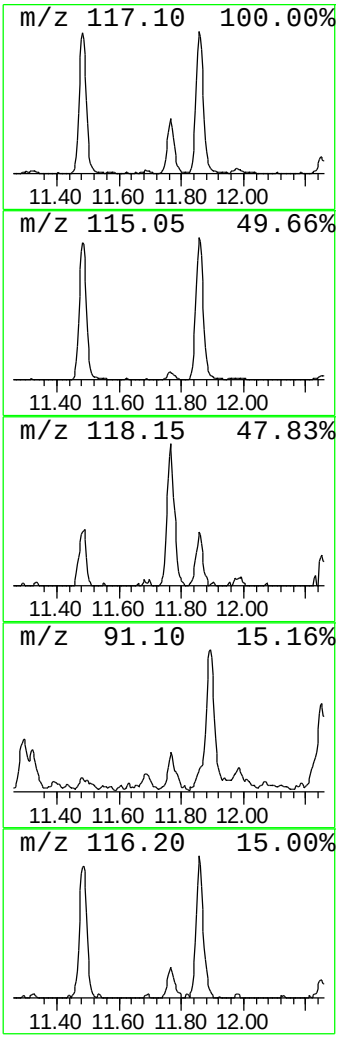
****

Peak Number 24 Indane Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.56 ug/L	84650	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
5	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

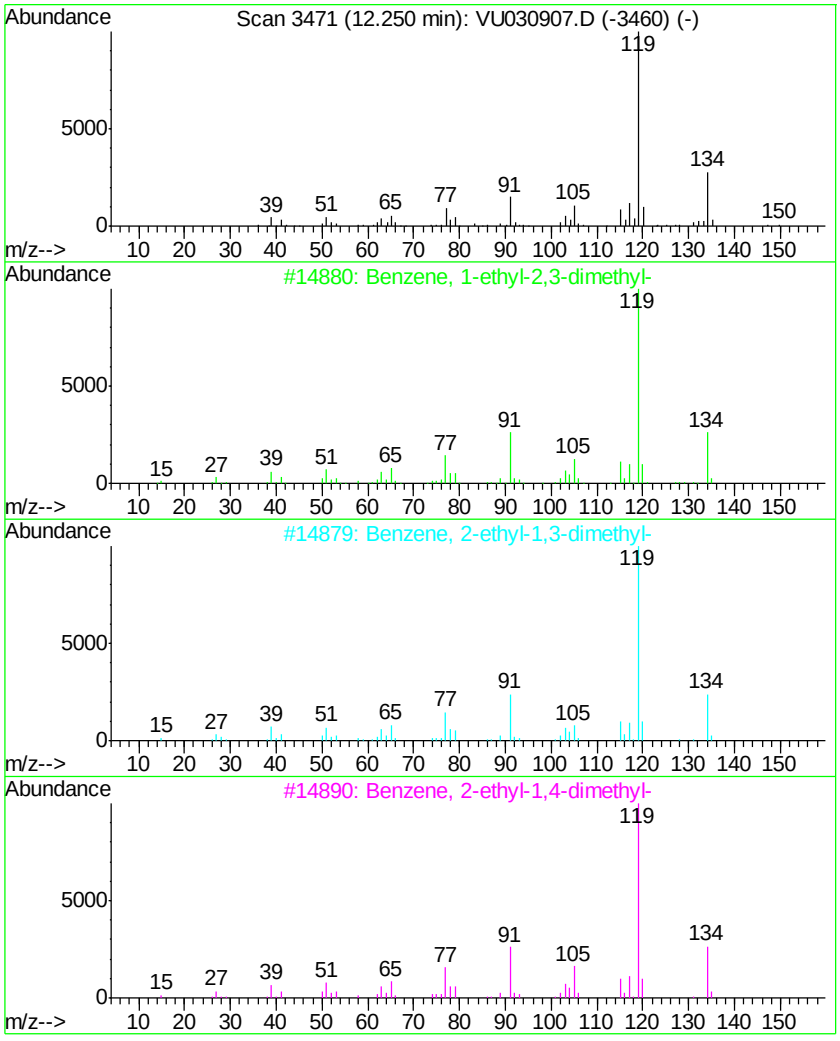
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

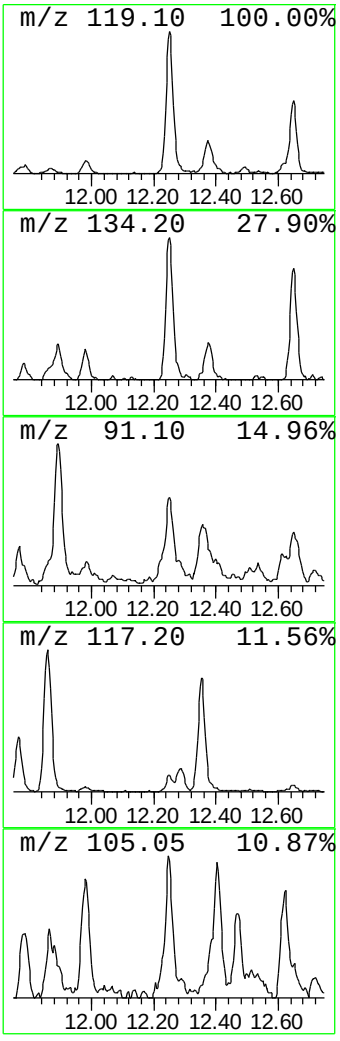
****

Peak Number 25 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.35 ug/L	144091	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

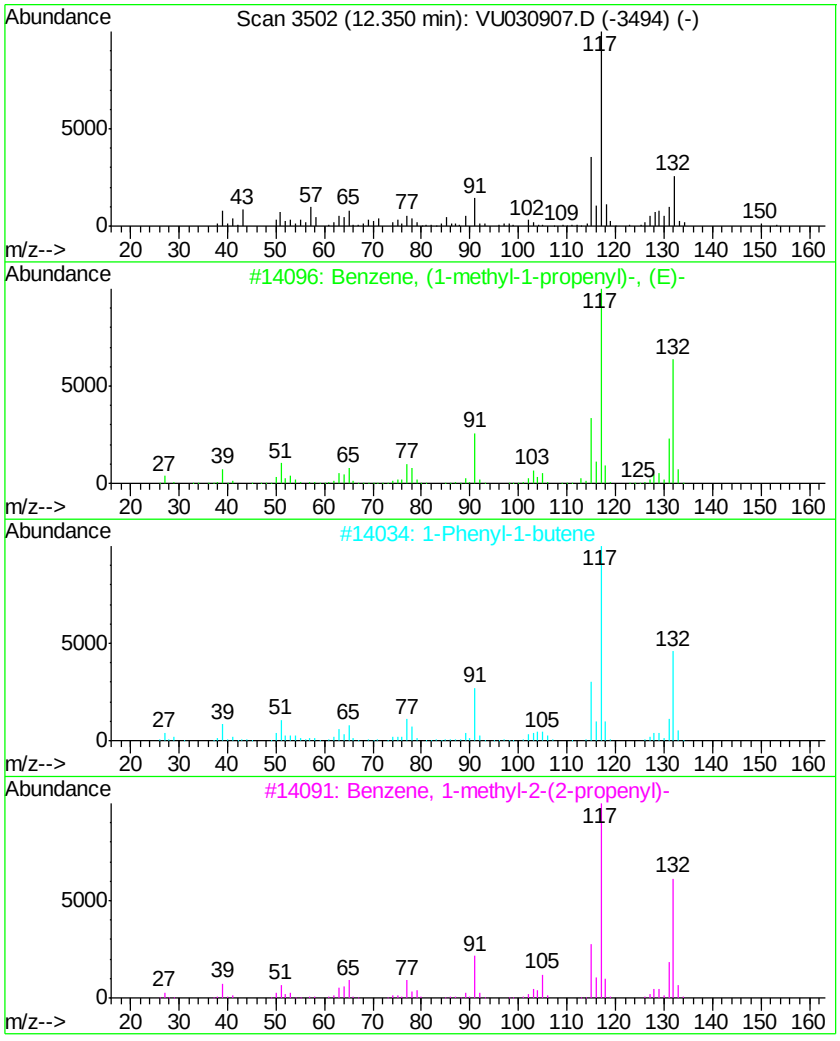
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

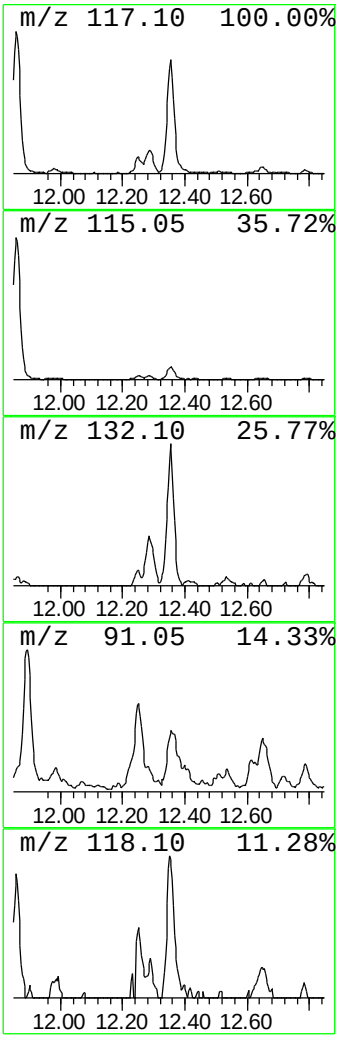
****

Peak Number 26 Benzene, (1-methyl-1-propen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.02 ug/L	199271	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

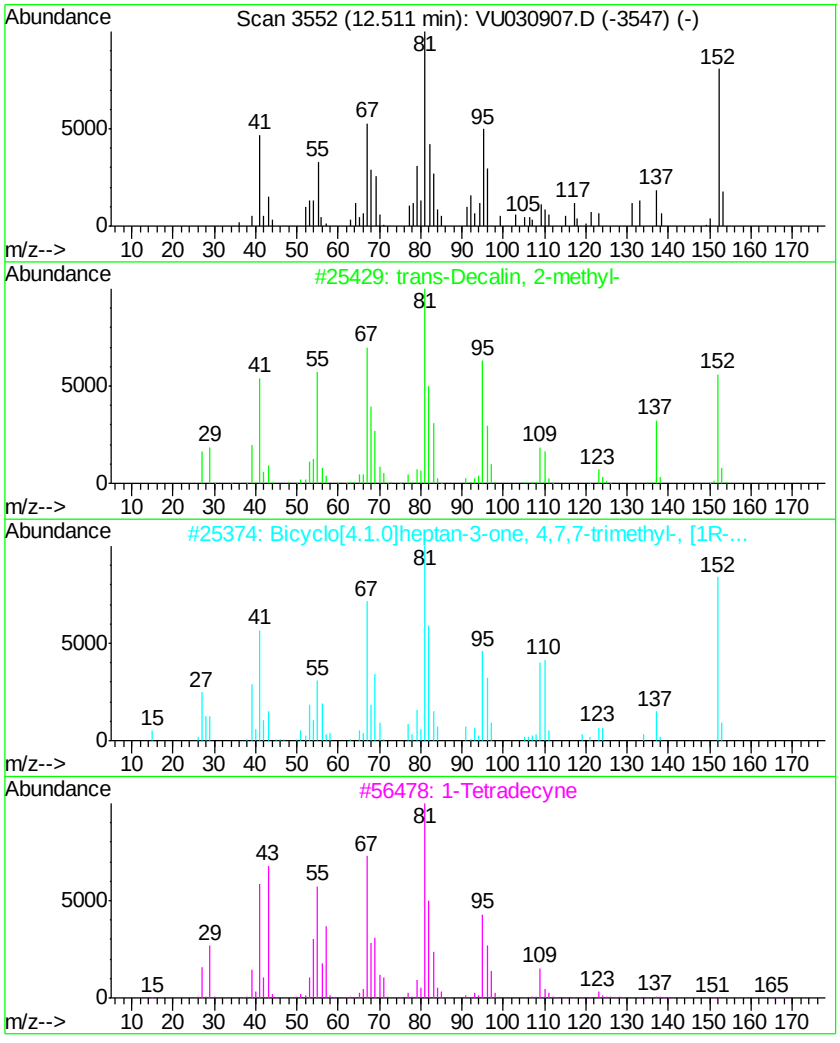
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

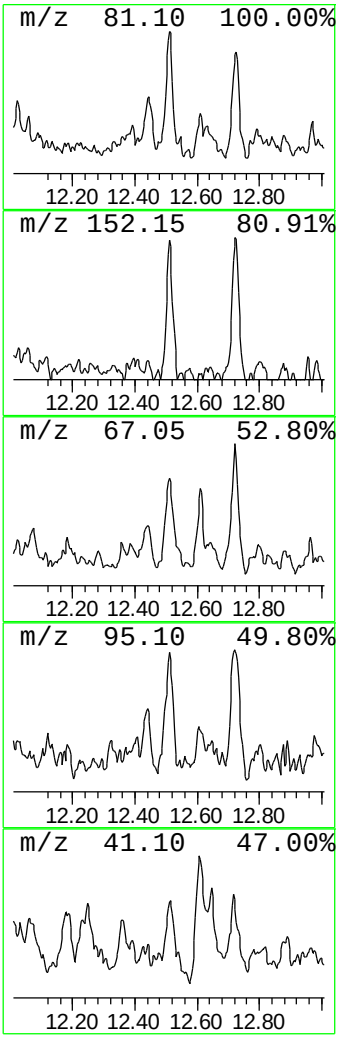
****

Peak Number 27 trans-Decalin, 2-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.83 ug/L	93831	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
2	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	58
3	1-Tetradecyne	194	C14H26	000765-10-6	52
4	Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	38
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

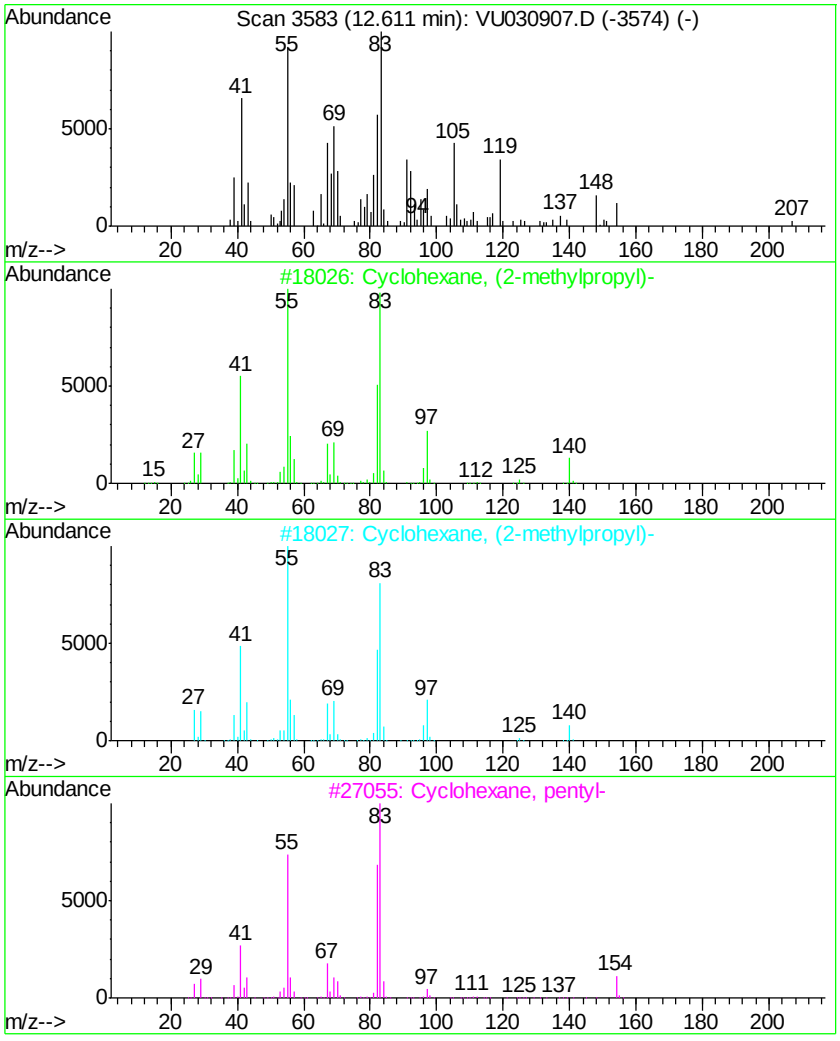
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

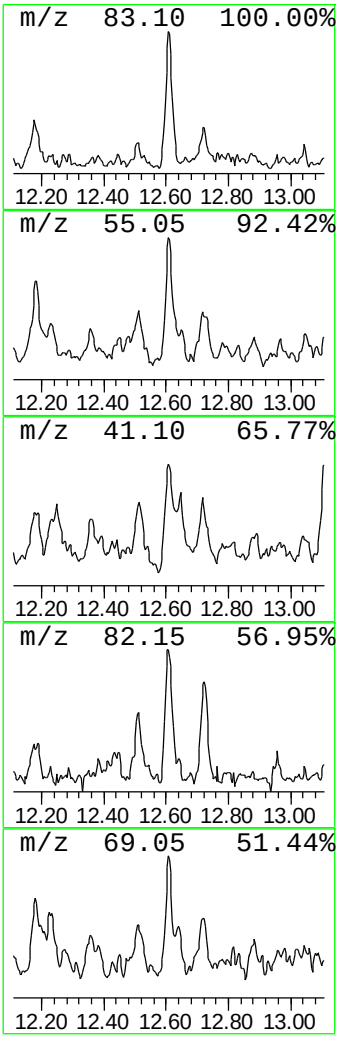
****

Peak Number 28 (DEL) Alkane: Cyclic12.61 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.65 ug/L	87739	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5	Fumaric acid, octadecyl trans-he...	450	C28H50O4	1000348-89-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

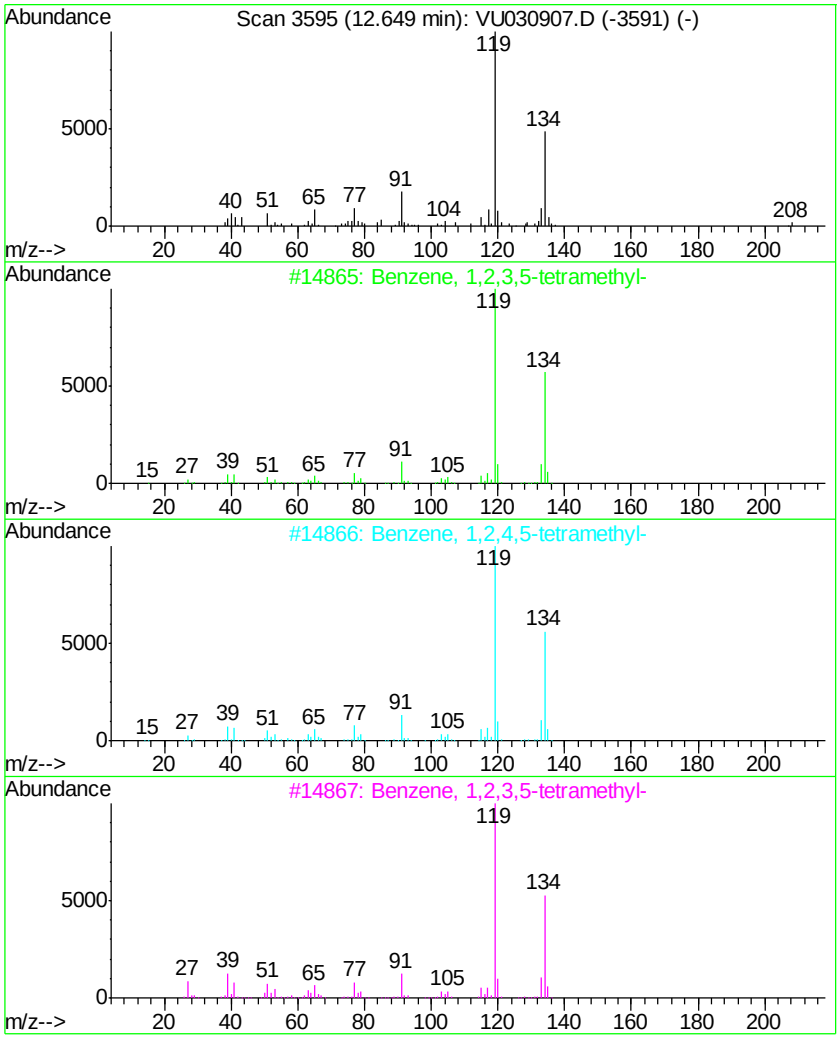
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

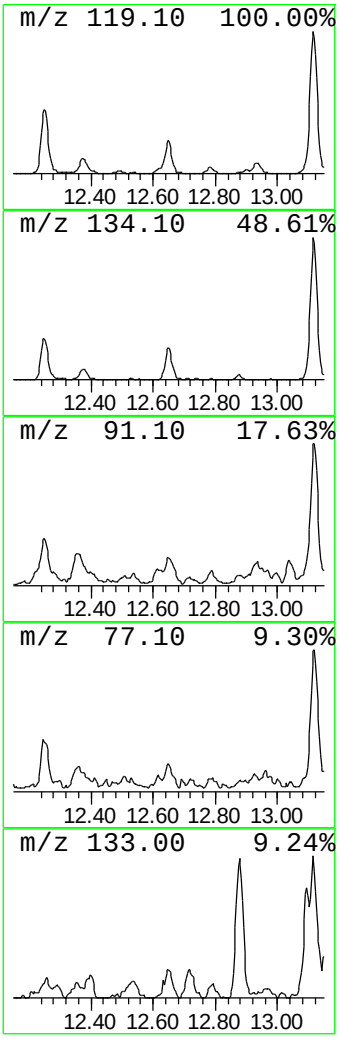
****

Peak Number 29 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.84 ug/L	94230	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

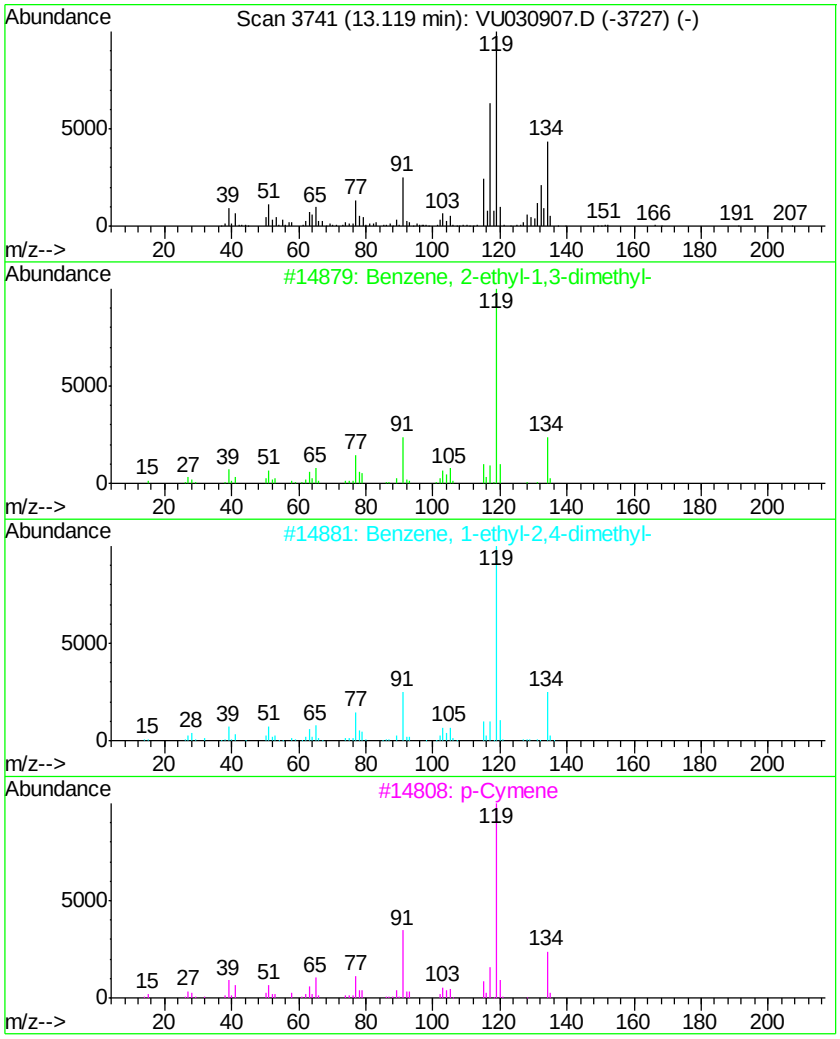
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

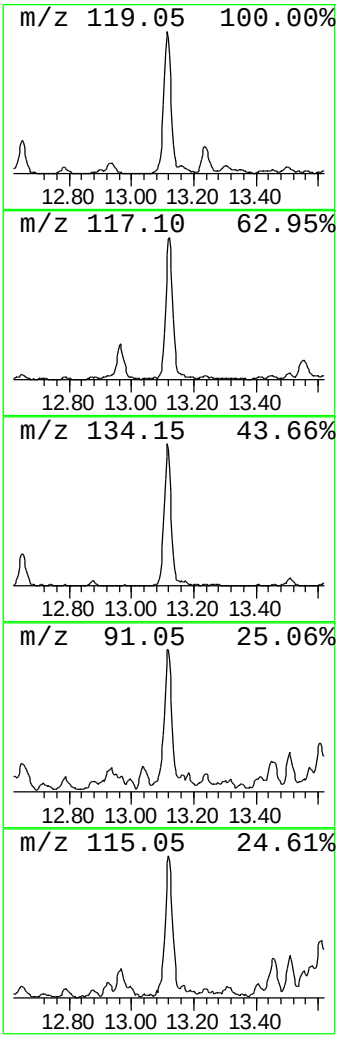
****

Peak Number 30 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	18.49 ug/L	612374	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
3	p-Cymene	134	C10H14	000099-87-6	60
4	p-Cymene	134	C10H14	000099-87-6	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

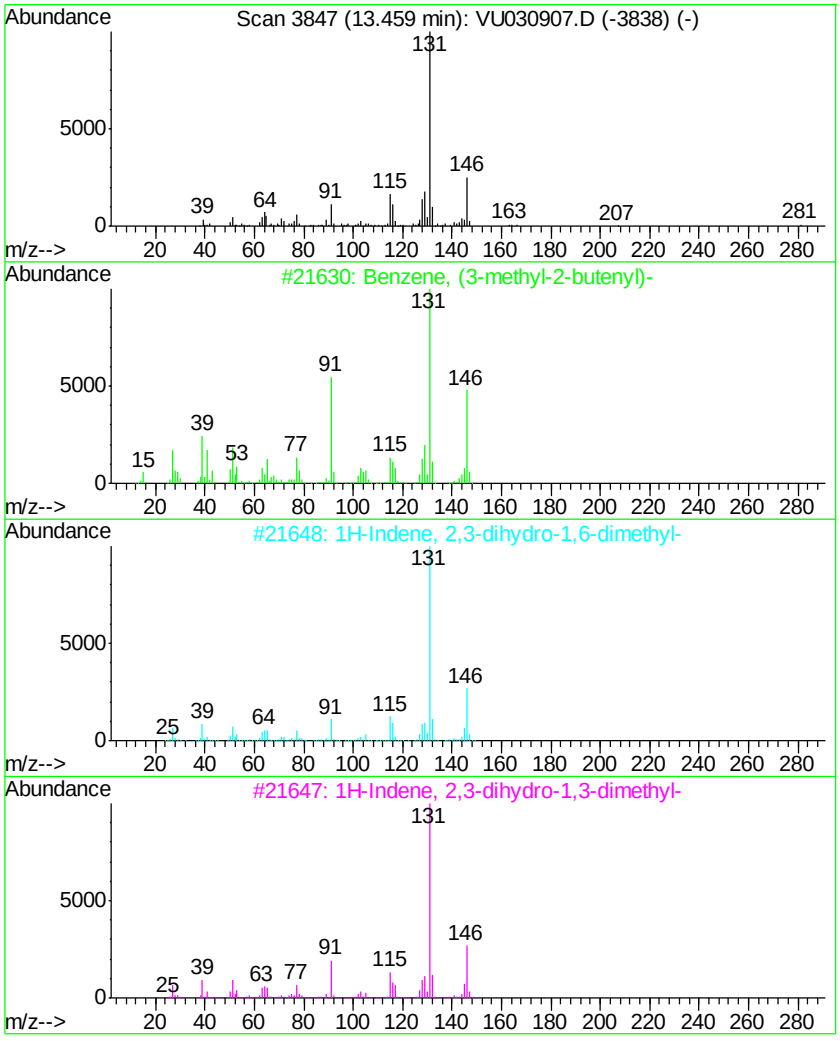
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

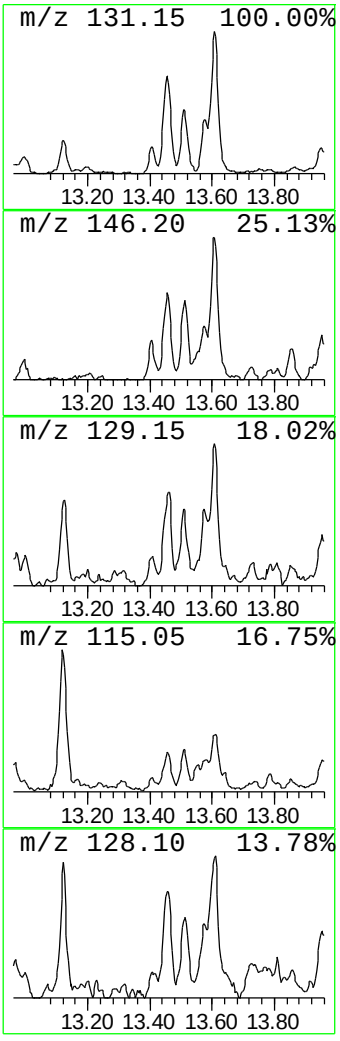
****

Peak Number 31 Benzene, (3-methyl-2-butenyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	3.39 ug/L	112390	1,4-Dichlorobenzene-d4	11.48

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	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

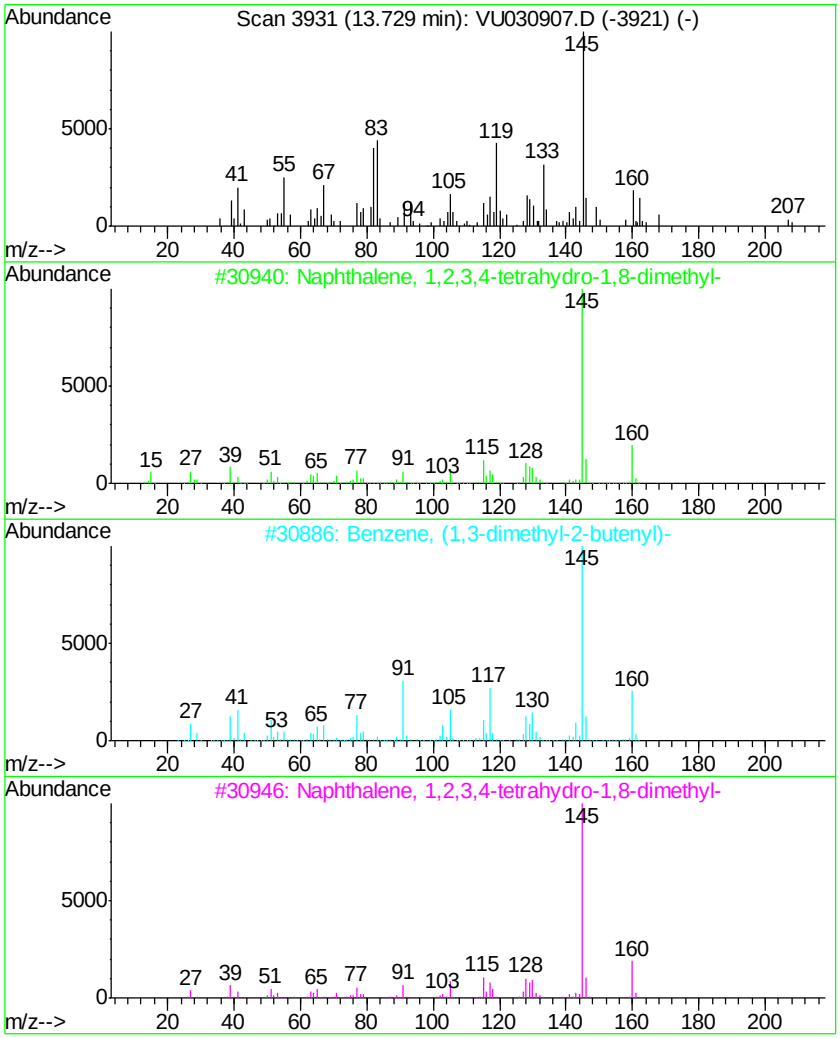
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

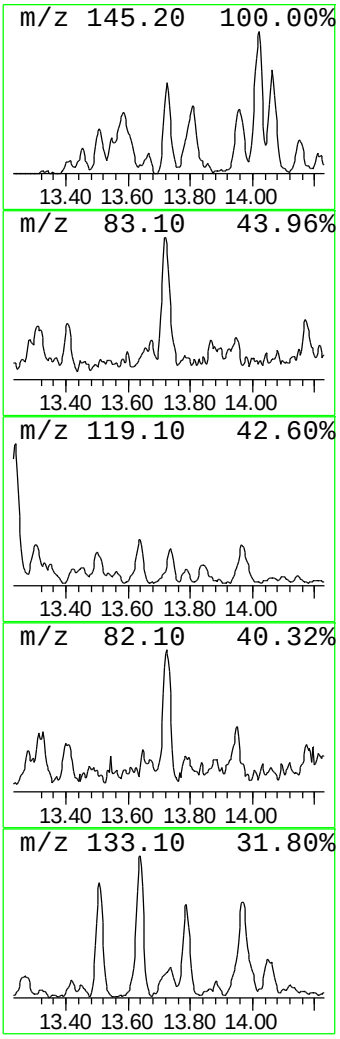
****

Peak Number 34 unknown-02 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.15 ug/L	104364	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	46
2	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	46
4	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	41
5	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	41





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

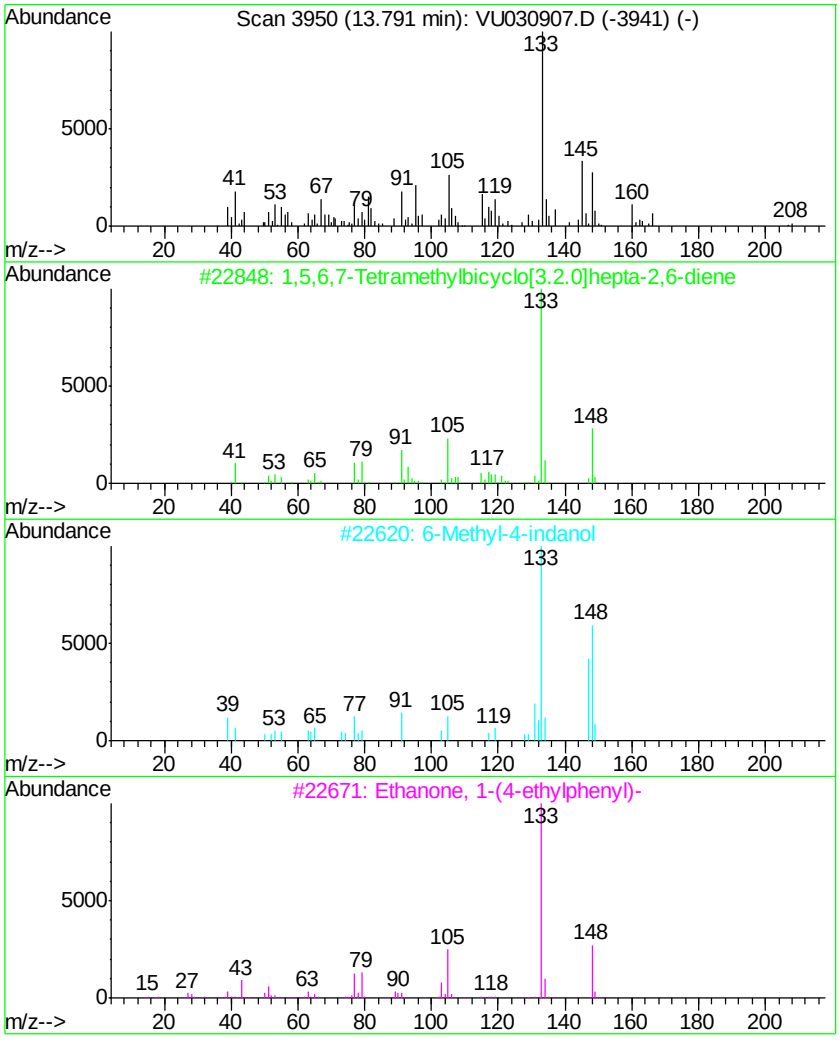
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

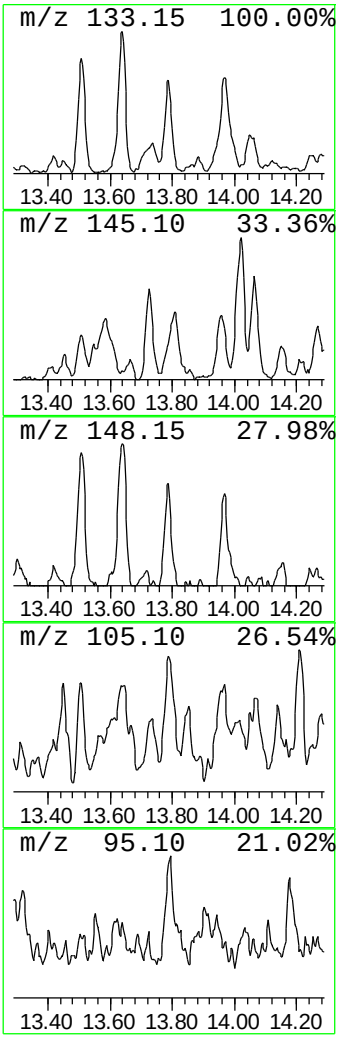
****

Peak Number 35 1,5,6,7-Tetramethylbicyclo[... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.92 ug/L	96847	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	70
2	6-Methyl-4-indanol	148	C10H12O	020294-32-0	64
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	58
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	58
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

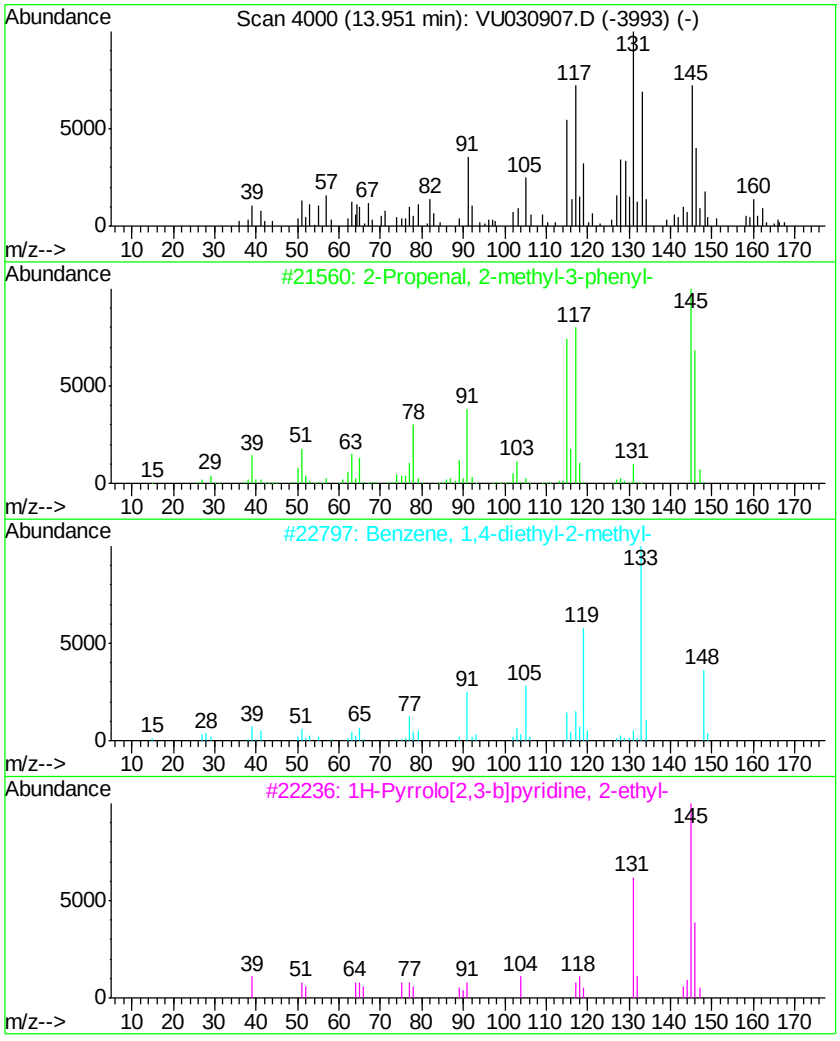
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

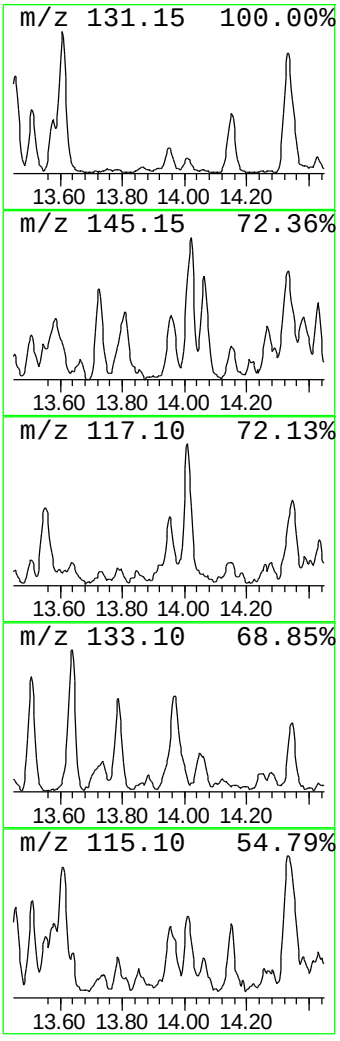
****

Peak Number 36 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.07 ug/L	101808	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	41
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	35
3	1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	30
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

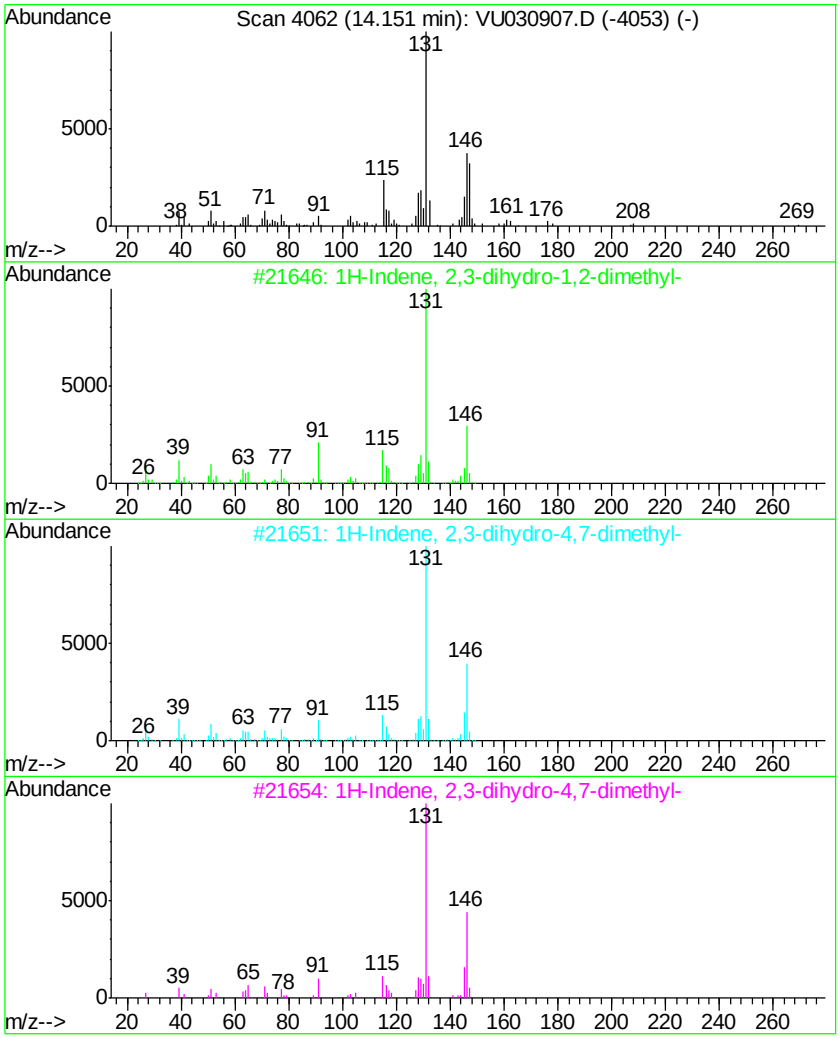
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

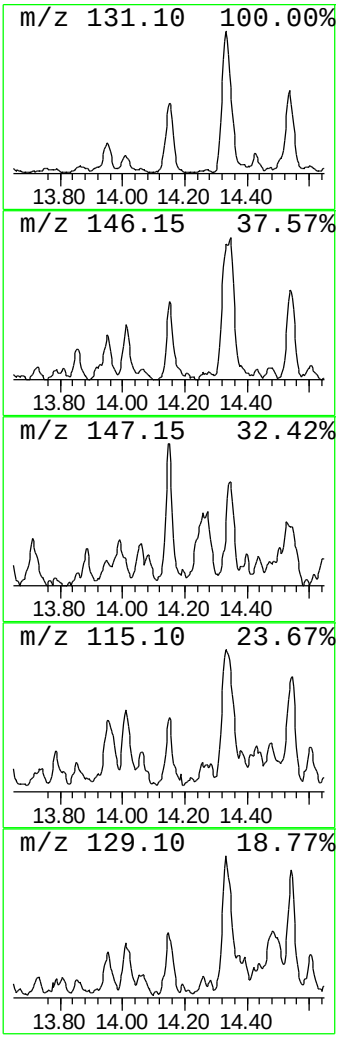
****

Peak Number 37 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.48 ug/L	115211	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

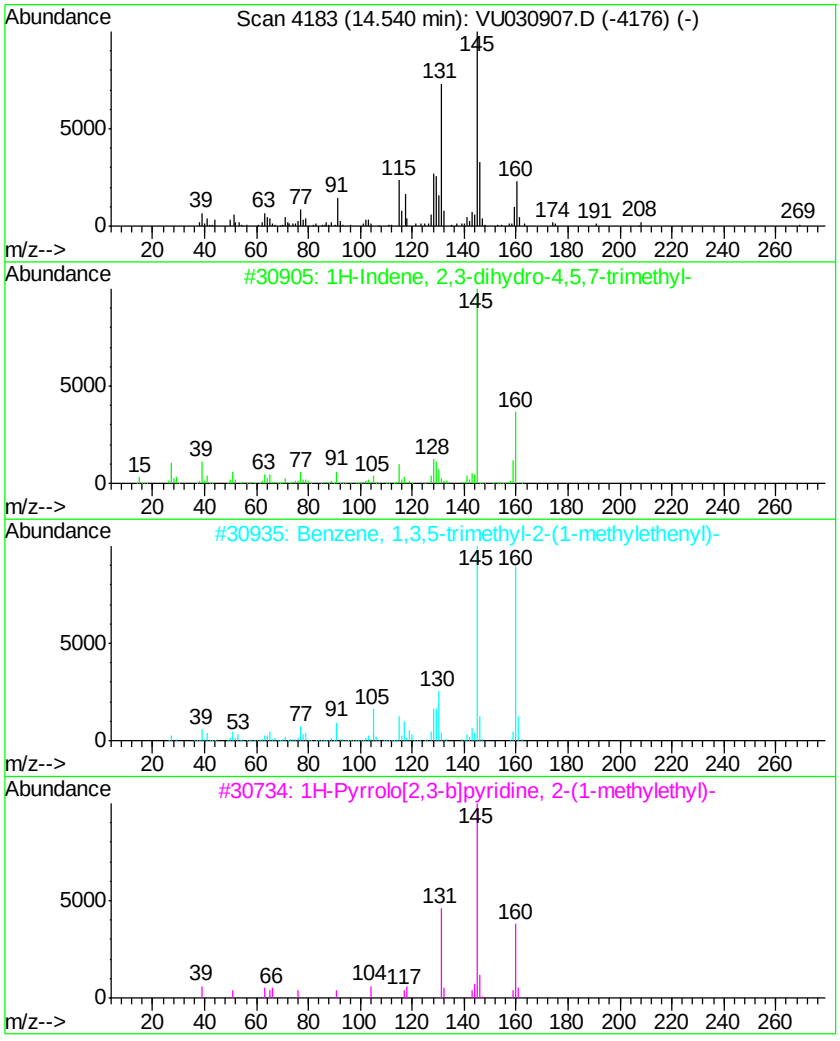
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

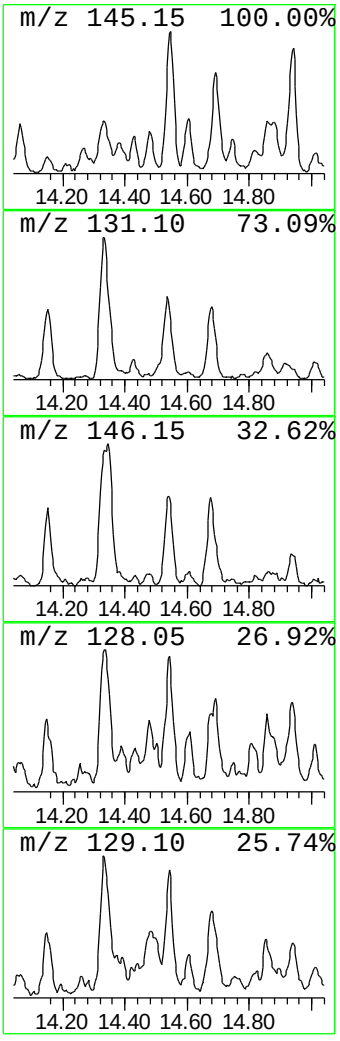
****

Peak Number 39 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.12 ug/L	202625	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	70
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
3	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	47
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	47
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

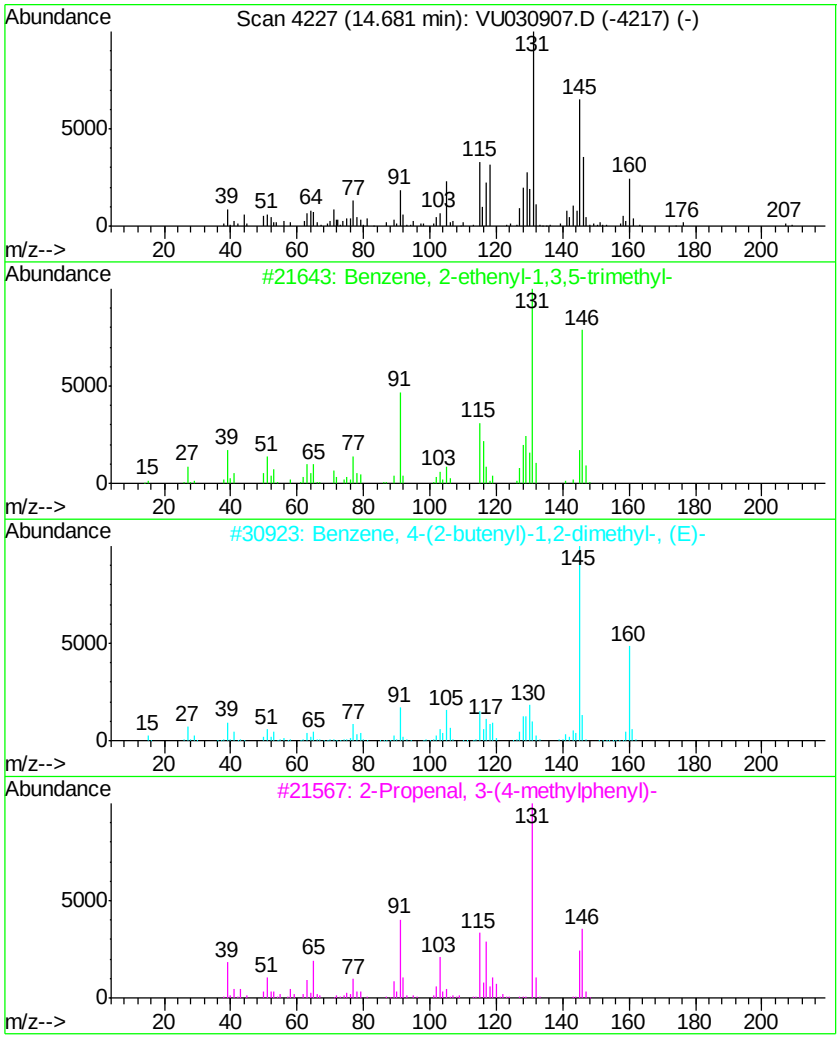
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

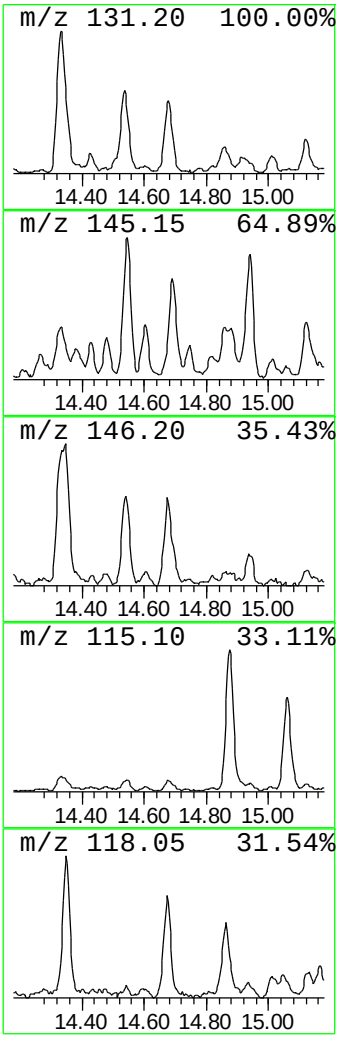
****

Peak Number 40 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	6.05 ug/L	200247	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
3	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	45
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	43
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

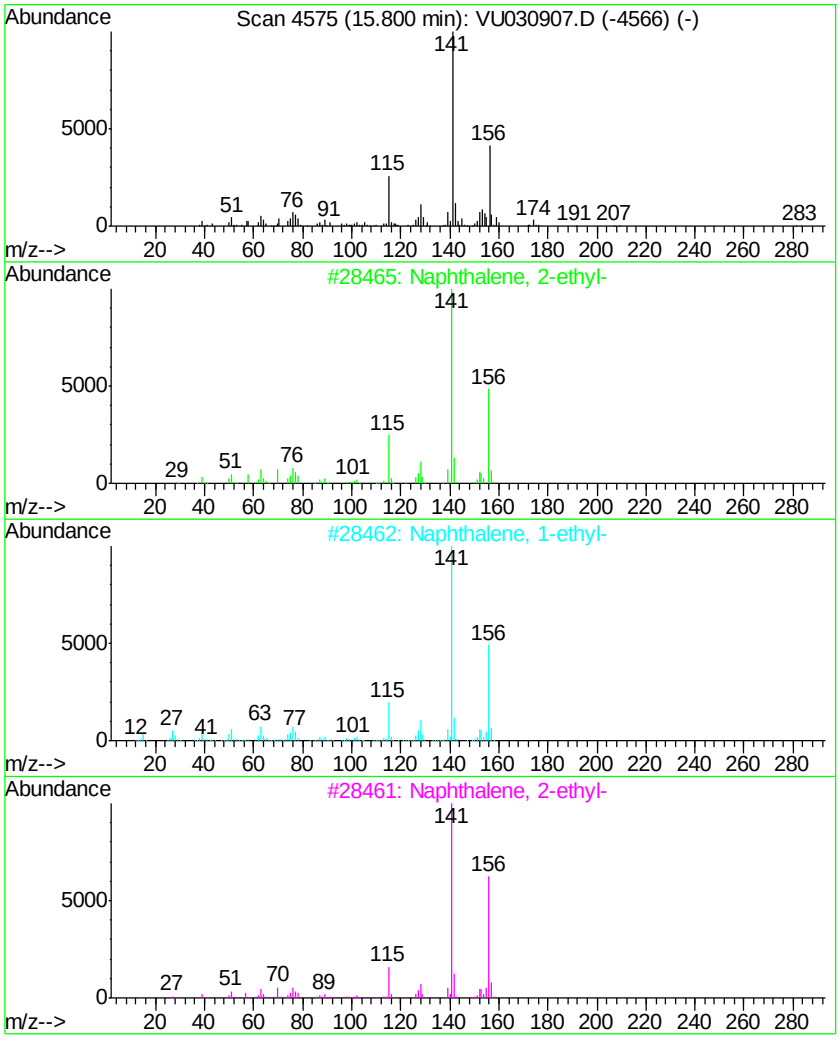
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

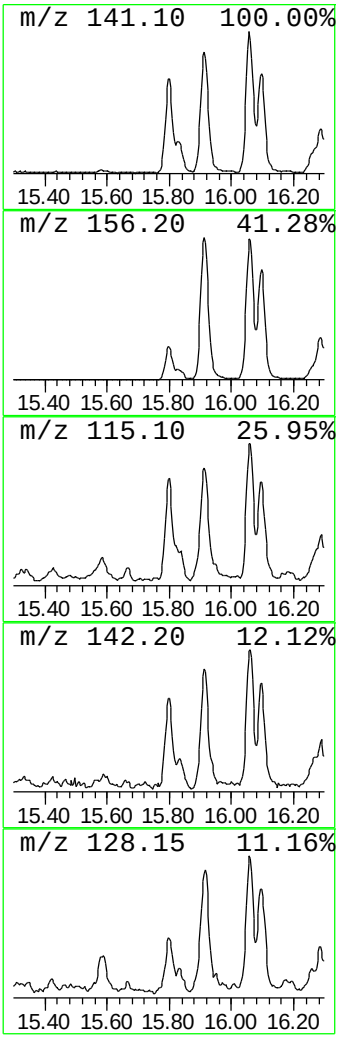
****

Peak Number 44 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	7.19 ug/L	238201	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

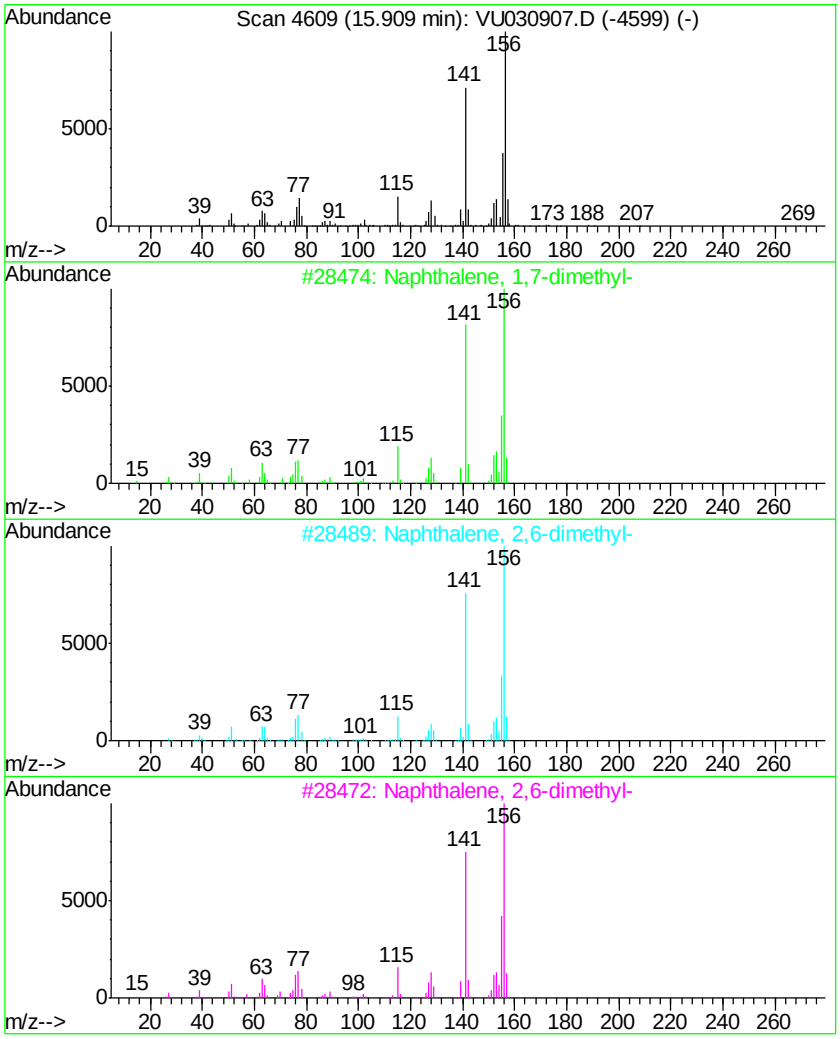
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

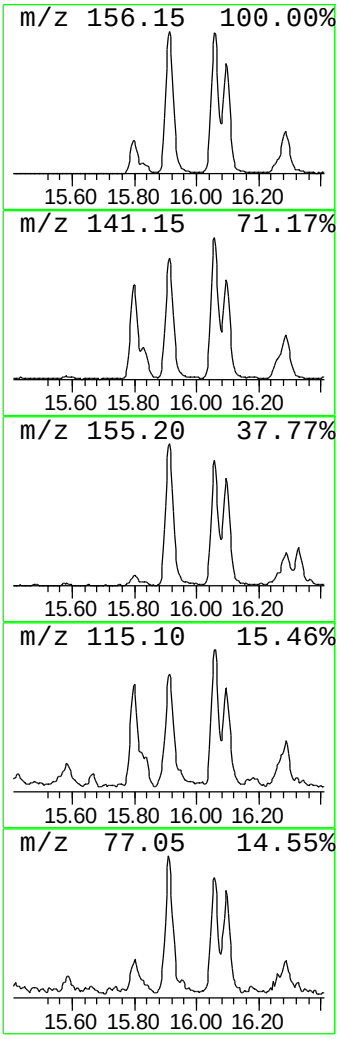
****

Peak Number 45 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	20.02 ug/L	663253	1,4-Dichlorobenzene-d4	11.48

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

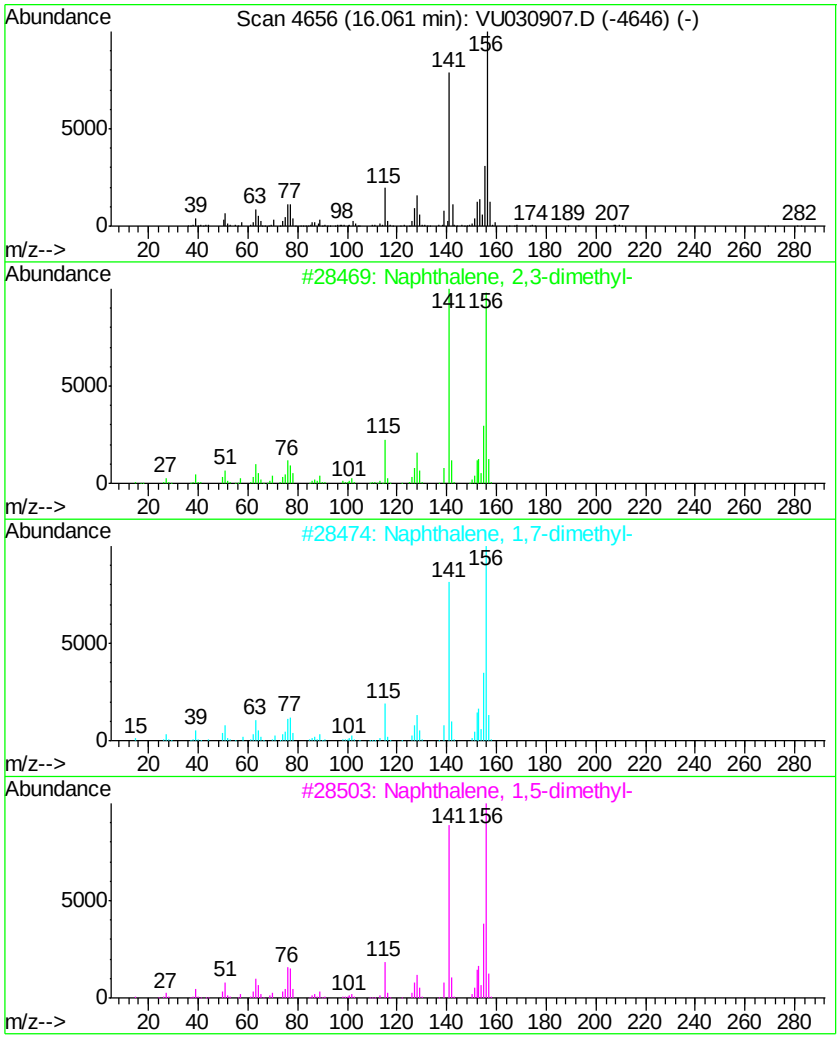
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

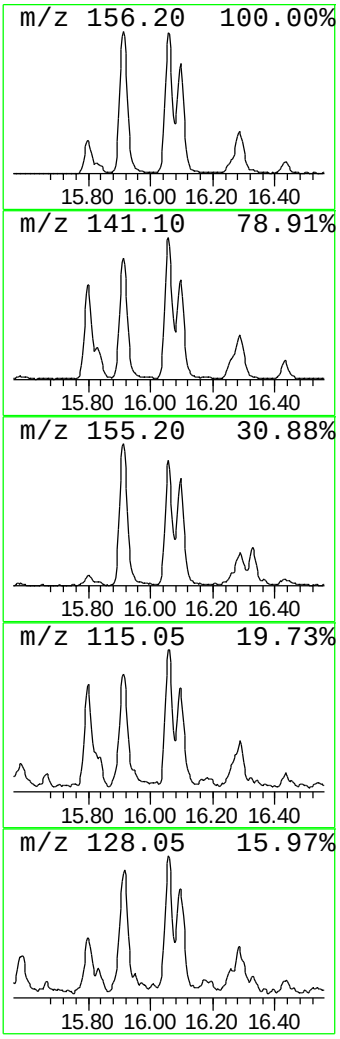
****

Peak Number 46 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	17.37 ug/L	575557	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

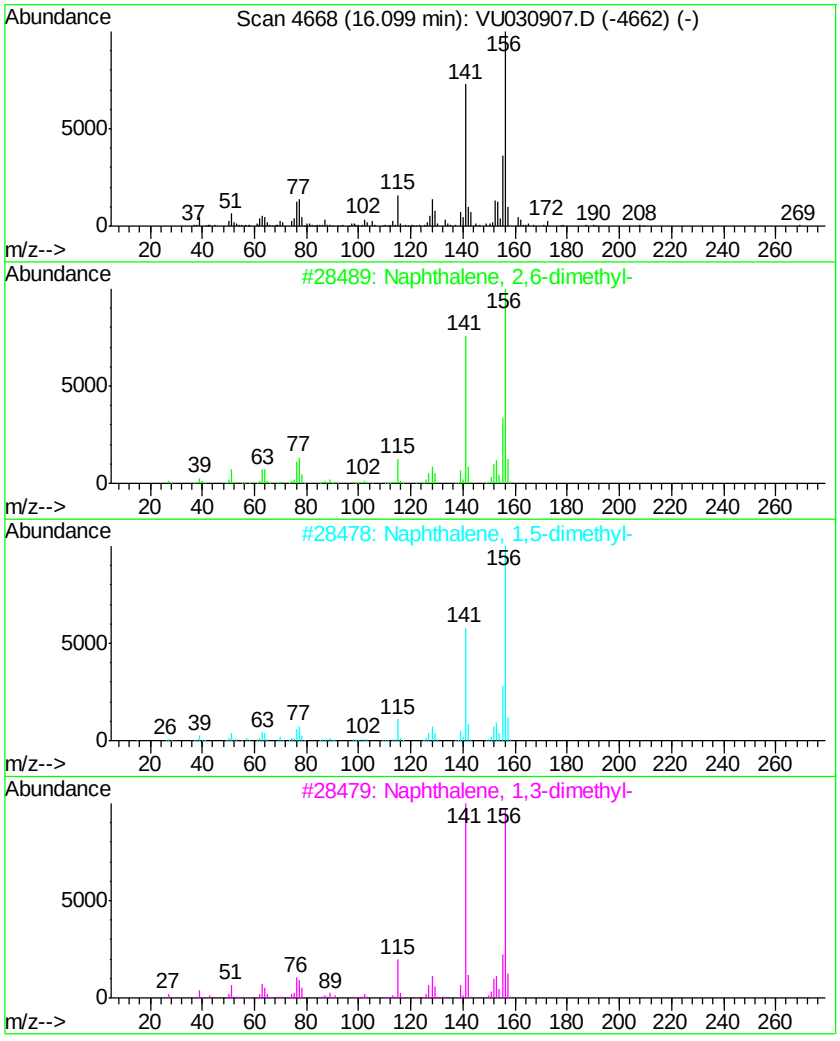
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

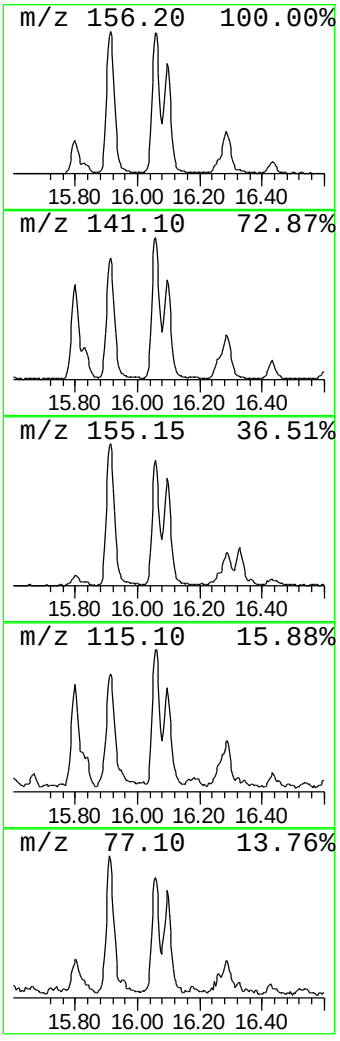
****

Peak Number 47 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	13.76 ug/L	455880	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

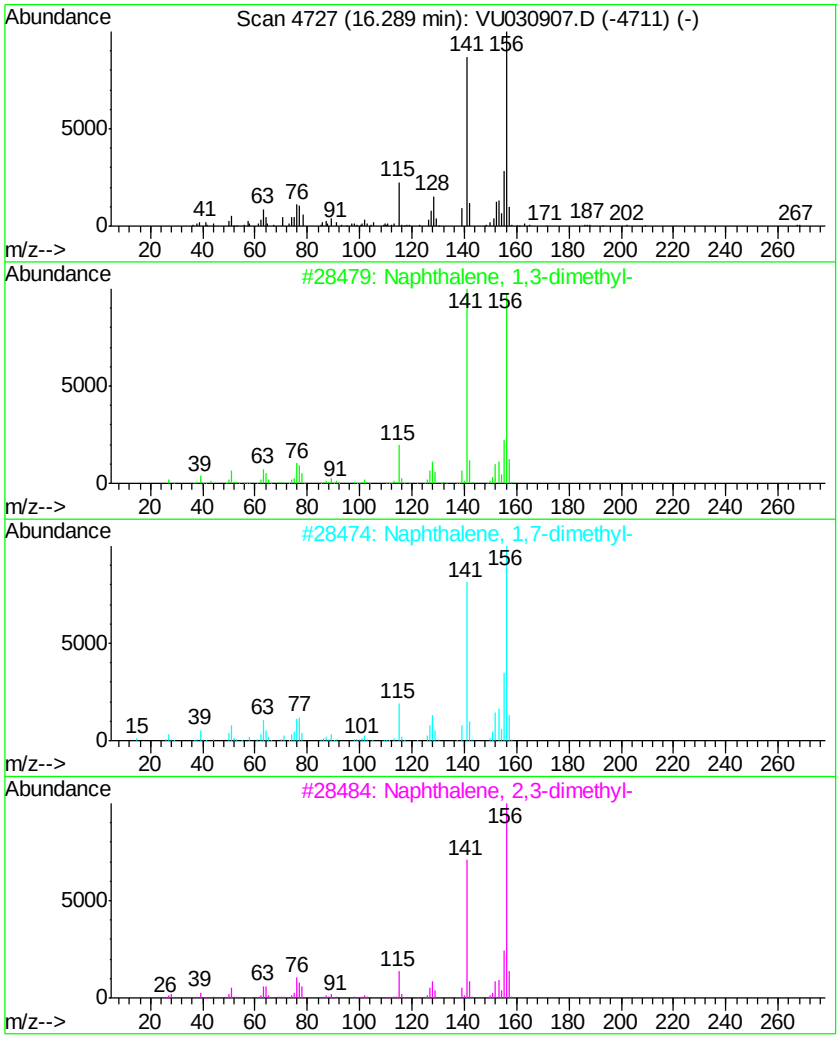
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

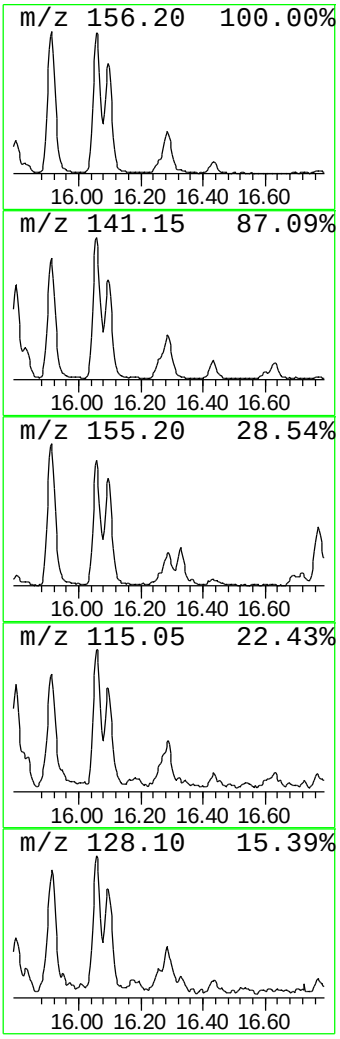
****

Peak Number 48 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.18 ug/L	204596	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030907.D
Acq On : 08 Apr 2019 15:47
Operator : JC/SP
Sample : K2259-08
Misc : 4.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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
(DEL) Alkane: Cyc...	5.24	2.6	ug/L	67474	1	5.88	1291920	50.0
(DEL) Alkane: Cyc...	5.46	7.1	ug/L	182372	1	5.88	1291920	50.0
(DEL) Alkane: Cyc...	5.54	5.7	ug/L	146896	1	5.88	1291920	50.0
(DEL) Alkane: Cyc...	5.61	10.7	ug/L	275305	1	5.88	1291920	50.0
(DEL) Alkane: Cyc...	6.73	4.9	ug/L	127195	1	5.88	1291920	50.0
(DEL) Alkane: Cyc...	6.89	6.2	ug/L	160561	1	5.88	1291920	50.0
(DEL) Alkane: Cyc...	7.69	3.6	ug/L	114367	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	7.77	3.5	ug/L	109316	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	7.91	9.0	ug/L	283639	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	8.04	3.3	ug/L	105653	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	8.54	9.4	ug/L	296852	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	8.60	7.4	ug/L	232893	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	8.84	3.8	ug/L	120585	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	9.35	4.1	ug/L	129635	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	9.40	3.8	ug/L	118602	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	9.44	3.3	ug/L	104747	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	9.72	5.4	ug/L	169711	2	9.09	1580480	50.0
unknown-01	9.95	9.0	ug/L	284939	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	10.04	5.9	ug/L	185703	2	9.09	1580480	50.0
(DEL) Alkane: Str...	10.09	2.6	ug/L	83257	2	9.09	1580480	50.0
(DEL) Alkane: Cyc...	10.49	3.5	ug/L	114611	3	11.48	1656290	50.0
Indane	11.76	2.6	ug/L	84650	3	11.48	1656290	50.0
Benzene, 1-ethyl-...	12.25	4.3	ug/L	144091	3	11.48	1656290	50.0
Benzene, (1-methy...	12.35	6.0	ug/L	199271	3	11.48	1656290	50.0
trans-Decalin, 2-...	12.51	2.8	ug/L	93831	3	11.48	1656290	50.0
(DEL) Alkane: Cyc...	12.61	2.6	ug/L	87739	3	11.48	1656290	50.0
Benzene, 1,2,3,5-...	12.65	2.8	ug/L	94230	3	11.48	1656290	50.0
Benzene, 2-ethyl-...	13.12	18.5	ug/L	612374	3	11.48	1656290	50.0
Benzene, (3-methy...	13.46	3.4	ug/L	112390	3	11.48	1656290	50.0
unknown-02	13.73	3.1	ug/L	104364	3	11.48	1656290	50.0
1,5,6,7-Tetrameth...	13.79	2.9	ug/L	96847	3	11.48	1656290	50.0
unknown-03	13.95	3.1	ug/L	101808	3	11.48	1656290	50.0
1H-Indene, 2,3-di...	14.15	3.5	ug/L	115211	3	11.48	1656290	50.0
1H-Indene, 2,3-di...	14.54	6.1	ug/L	202625	3	11.48	1656290	50.0
Benzene, 2-etheny...	14.68	6.0	ug/L	200247	3	11.48	1656290	50.0
Naphthalene, 2-et...	15.80	7.2	ug/L	238201	3	11.48	1656290	50.0
Naphthalene, 1,7-...	15.91	20.0	ug/L	663253	3	11.48	1656290	50.0
Naphthalene, 2,3-...	16.06	17.4	ug/L	575557	3	11.48	1656290	50.0
Naphthalene, 2,6-...	16.10	13.8	ug/L	455880	3	11.48	1656290	50.0
Naphthalene, 1,3-...	16.29	6.2	ug/L	204596	3	11.48	1656290	50.0