LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.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	1.312	62	69	85	rVB	142214	164431	0.33%	0.087%
2	1.576	143	151	169	rBV	99609	149647	0.30%	0.080%
3	2.100	303	314	328	rBV	296106	434510	0.88%	0.231%
4	2.528	422	447	473	rBV	5040819	10042299	20.25%	5.341%
5	2.762	500	520	557	rBV	9026331	18151536	36.60%	9.654%
6	2.949	565	578	590	rBV3	22696	50918	0.10%	0.027%
7	3.048	590	609	635	rBV	23837288	49589832	100.00%	26.373%
8	3.161	636	644	654	rVB2	27498	48930	0.10%	0.026%
9	3.228	655	665	673	rBV3	51457	98987	0.20%	0.053%
10	3.280	673	681	697	rVB	77355	160906	0.32%	0.086%
11	3.373	697	710	724	rBV2	47617	103798	0.21%	0.055%
12	3.463	725	738	748	rBV4	28313	63471	0.13%	0.034%
13	3.550	748	765	789	rBV2	552646	1639891	3.31%	0.872%
14	3.679	790	805	818	rBV	376728	931106	1.88%	0.495%
15	3.775	818	835	855	rVB	5115341	12725452	25.66%	6.768%
16	3.929	874	883	932	rVB3	97766	325731	0.66%	0.173%
17	4.373	1005	1021	1043	rBV	194901	551956	1.11%	0.294%
18	4.473	1044	1052	1073	rVB2	52546	127070	0.26%	0.068%
19	4.627	1083	1100	1108	rBV2	142475	345741	0.70%	0.184%
20	4.691	1109	1120	1139	rVV2	528452	1325779	2.67%	0.705%
21	4.926	1176	1193	1220	rBV3	39637	102991	0.21%	0.055%
22	5.068	1220	1237	1267	rBV2	528565	1331702	2.69%	0.708%
23	5.508	1359	1374	1400	rBV2	46754	96766	0.20%	0.051%
24	5.637	1400	1414	1448	rBV	504674	1063106	2.14%	0.565%
25	6.093	1542	1556	1586	rVV	275494	621226	1.25%	0.330%
26	7.010	1829	1841	1862	rVV	151058	317223	0.64%	0.169%
27	7.280	1913	1925	1932	rBV2	37947	70549	0.14%	0.038%
28	7.338	1932	1943	1953	rVV	621132	1106301	2.23%	0.588%
29	7.408	1953	1965	2001	rVB	4146139	7250262	14.62%	3.856%
30	7.646	2029	2039	2069	rVB	99414	236312	0.48%	0.126%
31	8.145	2166	2194	2214	rBV	178165	619465	1.25%	0.329%
32	8.875	2409	2421	2449	rBV	725249	1372322	2.77%	0.730%
33	9.035	2458	2471	2493	rBV	474856	817904	1.65%	0.435%
34	9.158	2496	2509	2523	rVV	1907572	3265413	6.58%	1.737%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

35	9.222	2523	2529	2549	rVB2	96314	160452	0.32%	0.085%
36	9.495	2599	2614	2623	rVV5	28490	54621	0.11%	0.029%
37	9.566	2624	2636	2657	rVB	893293	1519888	3.06%	0.808%
38	9.730	2680	2687	2696	rVB4	40355	61745	0.12%	0.033%
39	9.820	2696	2715	2724	rBV6	39648	88392	0.18%	0.047%
40	9.955	2742	2757	2775	rBV	362053	618731	1.25%	0.329%
41	10.106	2791	2804	2808	rBV2	37028	66417	0.13%	0.035%
42	10.141	2808	2815	2826	rVB3	83353	145615	0.29%	0.077%
43	10.248	2827	2848	2863	rBV	407359	776153	1.57%	0.413%
44	10.376	2876	2888	2905	rBV	1674710	2685718	5.42%	1.428%
45	10.473	2905	2918	2936	rBV	6141340	13492078	27.21%	7.176%
46	10.563	2936	2946	2955	rBV	3233615	4991265	10.07%	2.655%
47	10.720	2979	2995	3002	rBV	2511450	3918859	7.90%	2.084%
48	10.762	3002	3008	3025	rVB	2248741	3429770	6.92%	1.824%
49	10.939	3043	3063	3086	rVB	9654621	14932787	30.11%	7.942%
50	11.048	3086	3097	3102	rBV3	87351	147252	0.30%	0.078%
51	11.080	3103	3107	3112	rVV	73529	105815	0.21%	0.056%
52	11.112	3113	3117	3127	rVB2	94689	132764	0.27%	0.071%
53	11.174	3127	3136	3142	rBV3	74700	118887	0.24%	0.063%
54	11.219	3142	3150	3157	rVV	155509	225161	0.45%	0.120%
55	11.273	3157	3167	3184	rVV	973942	1597264	3.22%	0.849%
56	11.360	3184	3194	3215	rVB	2287621	3522441	7.10%	1.873%
57	11.485	3226	3233	3244	rVB4	70152	105745	0.21%	0.056%
58	11.553	3244	3254	3262	rVV2	660512	1285139	2.59%	0.683%
59	11.598	3263	3268	3275	rVV	586897	834426	1.68%	0.444%
60	11.656	3275	3286	3303	rVB4	1425973	3161605	6.38%	1.681%
61	11.772	3313	3322	3325	rBV2	53734	77641	0.16%	0.041%
62	11.810	3326	3334	3340	rVV	431892	625890	1.26%	0.333%
63	11.842	3340	3344	3363	rVB	261097	392293	0.79%	0.209%
64	11.936	3363	3373	3377	rBV	515563	776179	1.57%	0.413%
65	11.964	3377	3382	3391	rVB	540573	754960	1.52%	0.402%
66	12.038	3393	3405	3427	rVB	983799	1578608	3.18%	0.840%
67	12.145	3428	3438	3440	rBV2	96687	133739	0.27%	0.071%
68	12.280	3467	3480	3488	rBV7	94605	203875	0.41%	0.108%
69	12.337	3489	3498	3507	rVB	251551	373891	0.75%	0.199%
70	12.395	3507	3516	3519	rBV5	75999	116873	0.24%	0.062%
71	12.437	3520	3529	3537	rVV	659955	985988	1.99%	0.524%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

72	12.489	3537	3545	3563	rVB	1027523	1558600	3.14%	0.829%
73	12.572	3563	3571	3577	rBV	116121	171931	0.35%	0.091%
74	12.608	3577	3582	3587	rVV2	102705	138765	0.28%	0.074%
75	12.636	3587	3591	3604	rVB2	108975	146297	0.30%	0.078%
76	12.749	3616	3626	3638	rVB	362990	547567	1.10%	0.291%
77	12.817	3639	3647	3655	rBV2	95305	140299	0.28%	0.075%
78	12.907	3655	3675	3703	rBV3	978347	2031478	4.10%	1.080%
79	13.022	3703	3711	3718	rBV	165934	227490	0.46%	0.121%
80	13.064	3718	3724	3736	rVB5	64212	119501	0.24%	0.064%
81	13.186	3755	3762	3771	rBV2	44217	65520	0.13%	0.035%
82	13.238	3772	3778	3785	rVB2	27977	37778	0.08%	0.020%
83	13.292	3785	3795	3801	rBV2	232473	386191	0.78%	0.205%
84	13.424	3829	3836	3848	rVB	110257	164290	0.33%	0.087%
85	13.524	3850	3867	3877	rBV	796494	1260439	2.54%	0.670%
86	13.743	3924	3935	3945	rBV4	53055	128560	0.26%	0.068%
87	13.926	3983	3992	4007	rVB2	198724	336087	0.68%	0.179%
88	14.122	4041	4053	4066	rBV6	81746	191454	0.39%	0.102%
89	14.257	4088	4095	4105	rBV	41756	65812	0.13%	0.035%
90	14.389	4128	4136	4147	rBV10	20167	40336	0.08%	0.021%
91	14.456	4150	4157	4167	rBV3	27028	49778	0.10%	0.026%
92	14.659	4209	4220	4231	rBV	113886	206483	0.42%	0.110%
93	14.842	4269	4277	4280	rVV	53495	76136	0.15%	0.040%
94	14.868	4281	4285	4293	rVB2	78865	98422	0.20%	0.052%
95	15.443	4456	4464	4473	rBV4	26678	40752	0.08%	0.022%
96	15.694	4531	4542	4552	rBV3	35219	68249	0.14%	0.036%
97	15.755	4554	4561	4571	rVB3	31129	48731	0.10%	0.026%
98	15.836	4579	4586	4593	rBV	35029	52514	0.11%	0.028%
99	15.878	4594	4599	4613	rVB2	27251	48679	0.10%	0.026%
100	16.337	4732	4742	4751	rVB	52152	78449	0.16%	0.042%

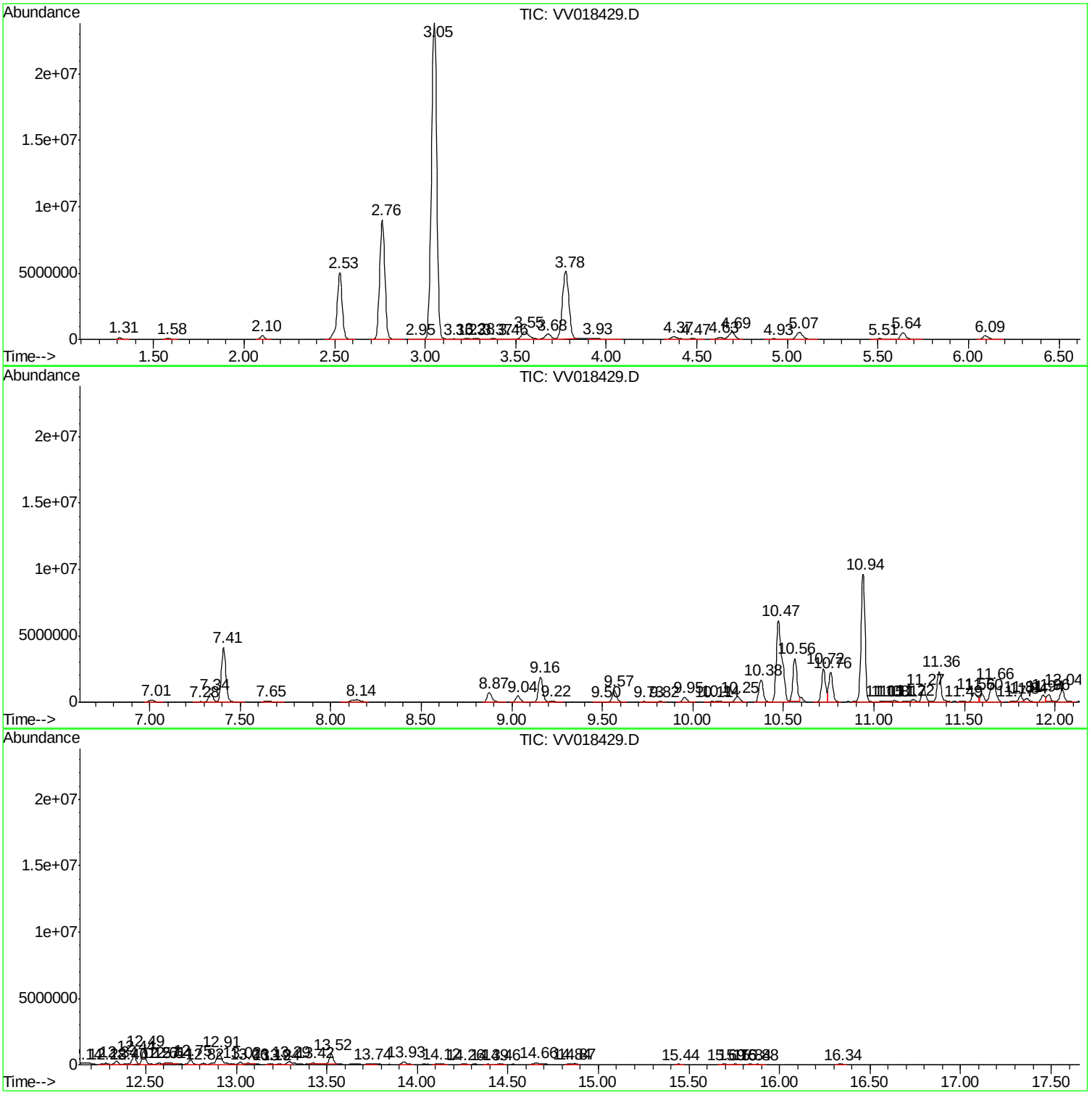
Sum of corrected areas: 188029048

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

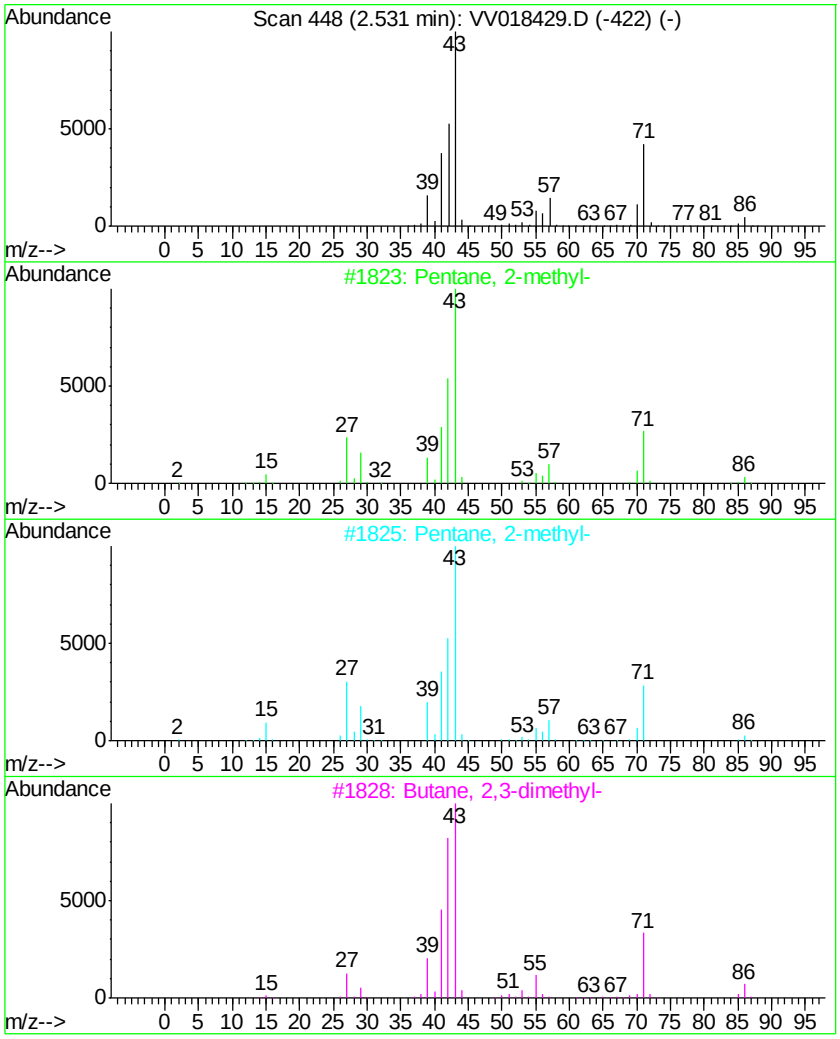
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

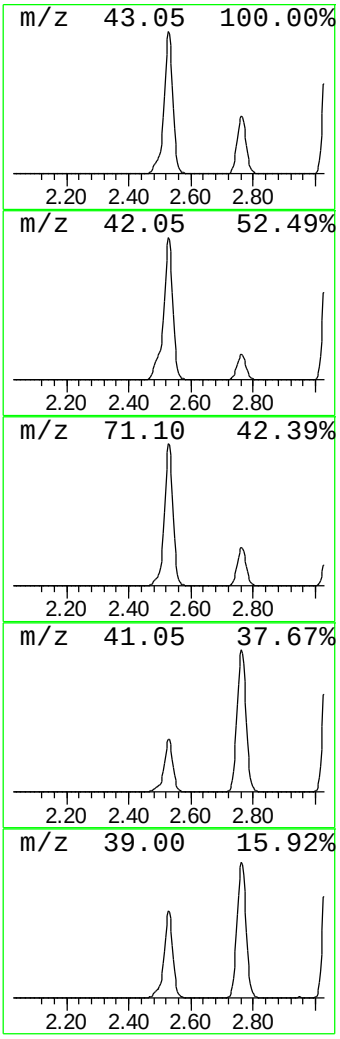
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.53	472.31 ug/L	10042300	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
4	Pentane	72	C5H12	000109-66-0	46
5	Pentane	72	C5H12	000109-66-0	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

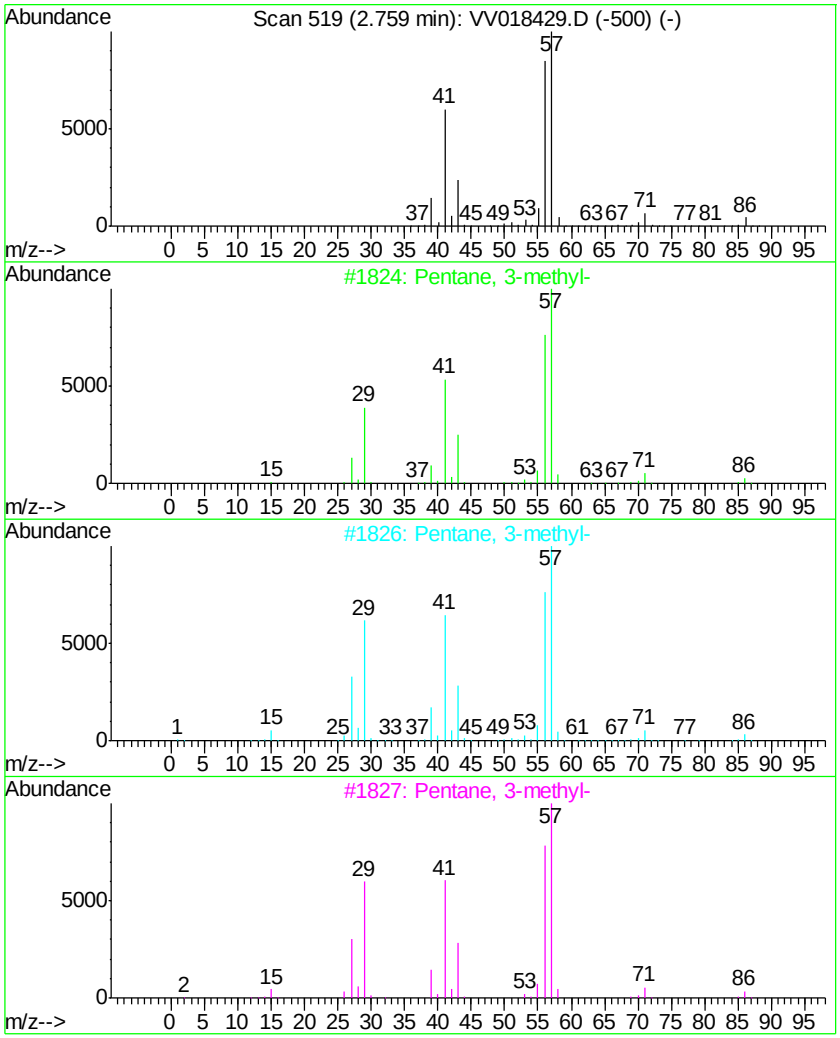
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

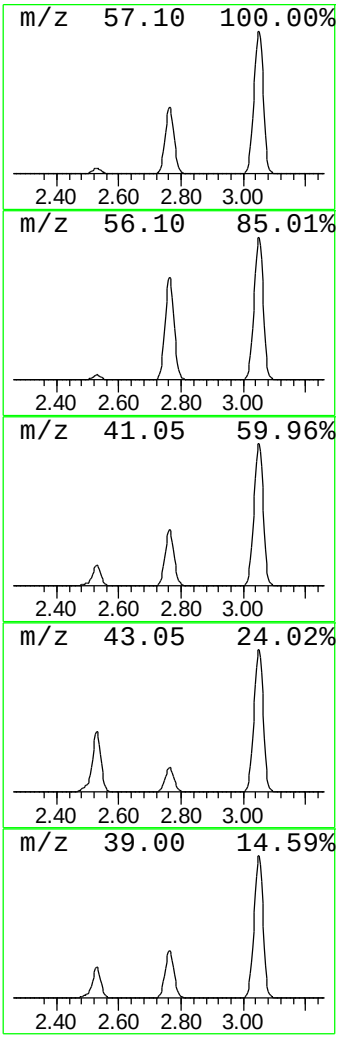
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	853.70 ug/L	18151500	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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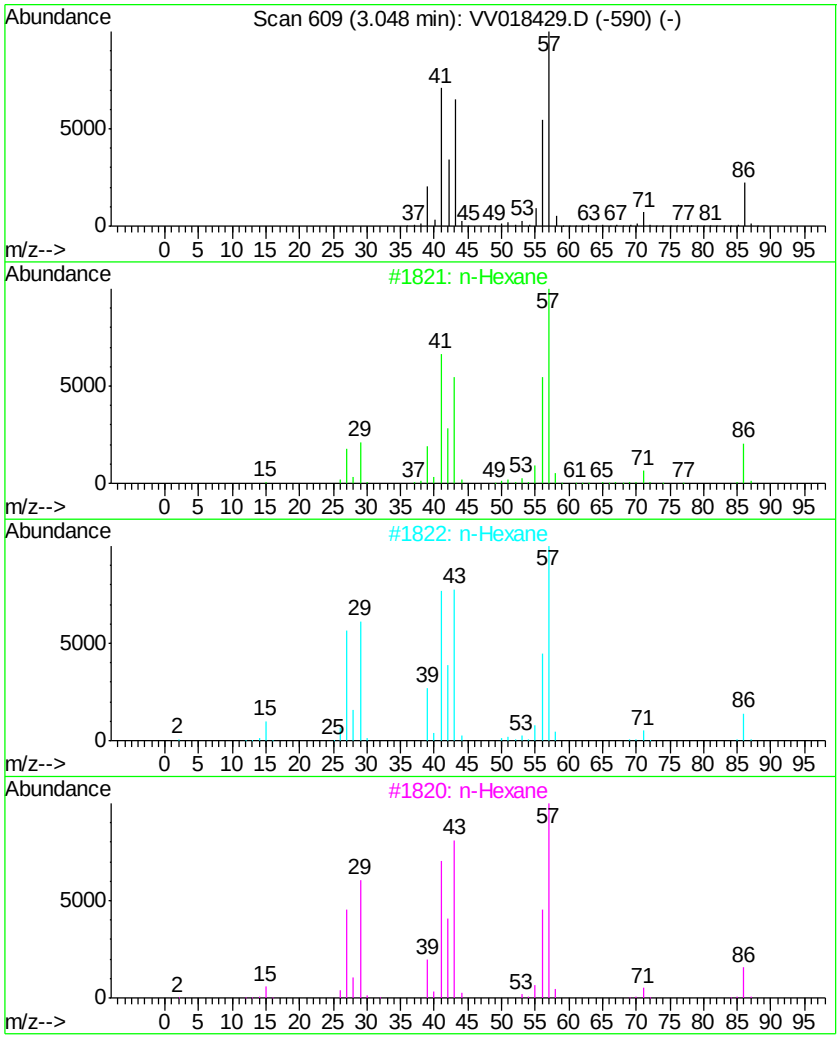
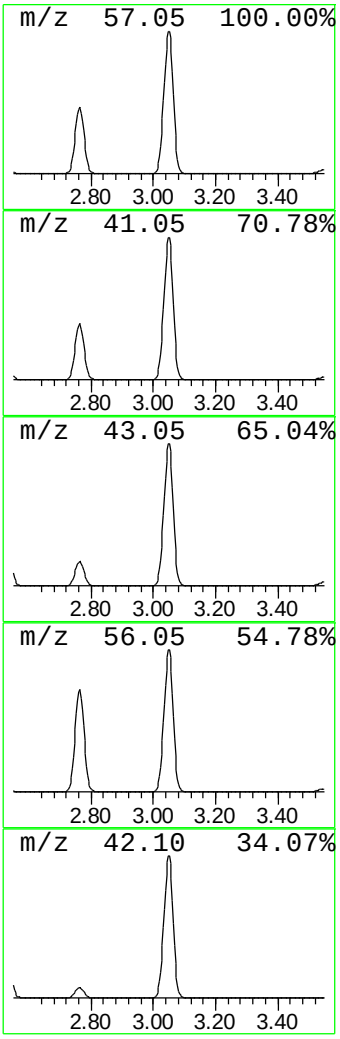
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	2332.31 ug/L	49589800	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	78
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	42
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

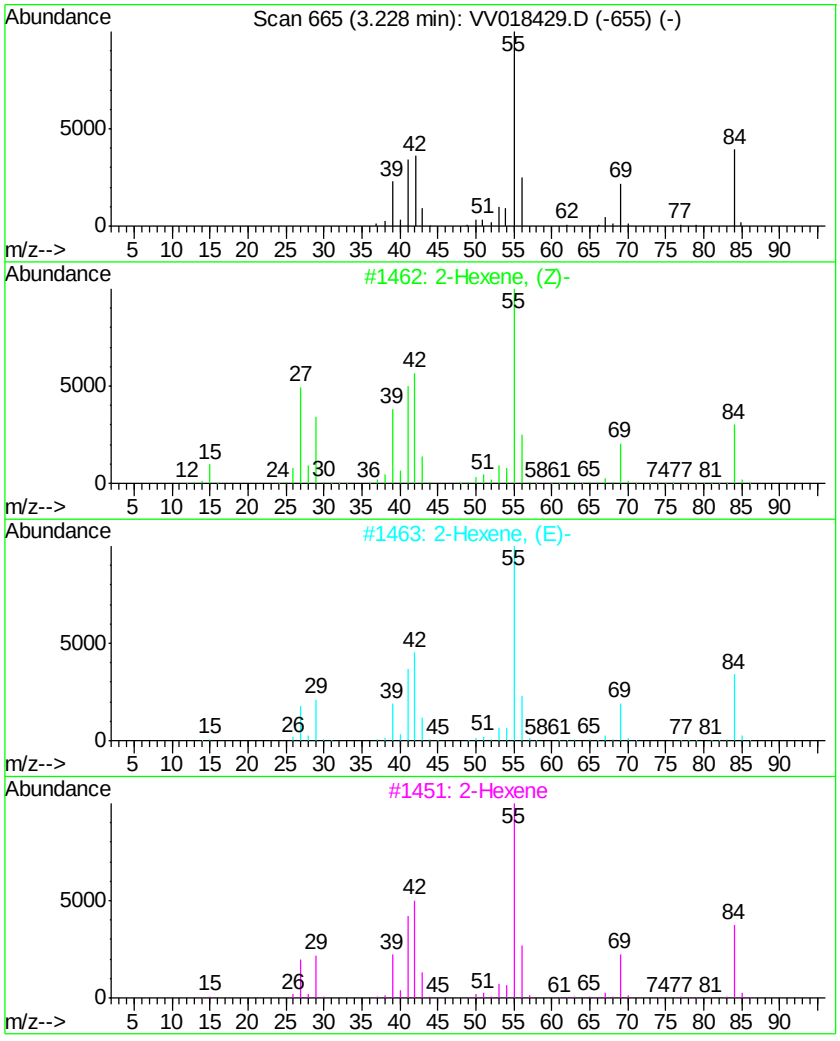
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

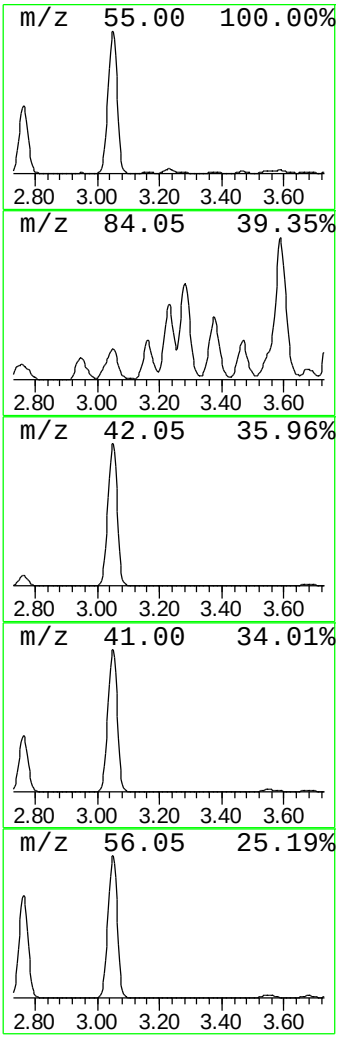
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	4.66 ug/L	98987	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
2	2-Hexene, (E)-	84	C6H12	004050-45-7	91
3	2-Hexene	84	C6H12	000592-43-8	91
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
5	2-Hexene	84	C6H12	000592-43-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

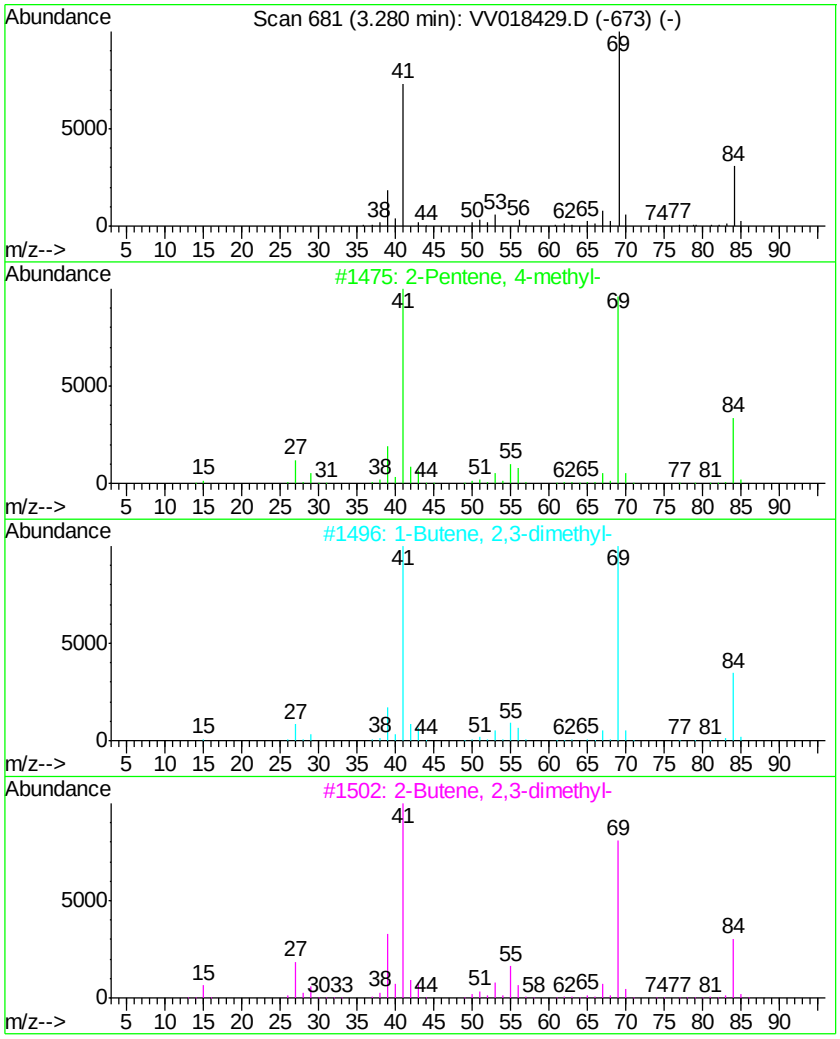
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

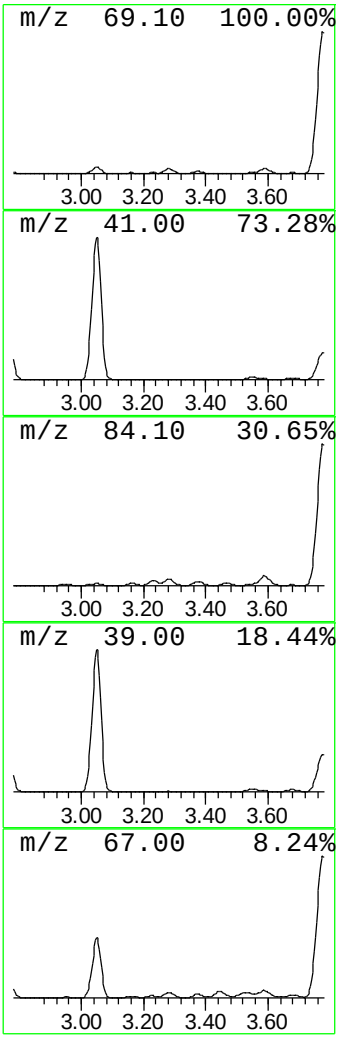
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	7.57 ug/L	160906	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	90
2	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	90
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
4	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

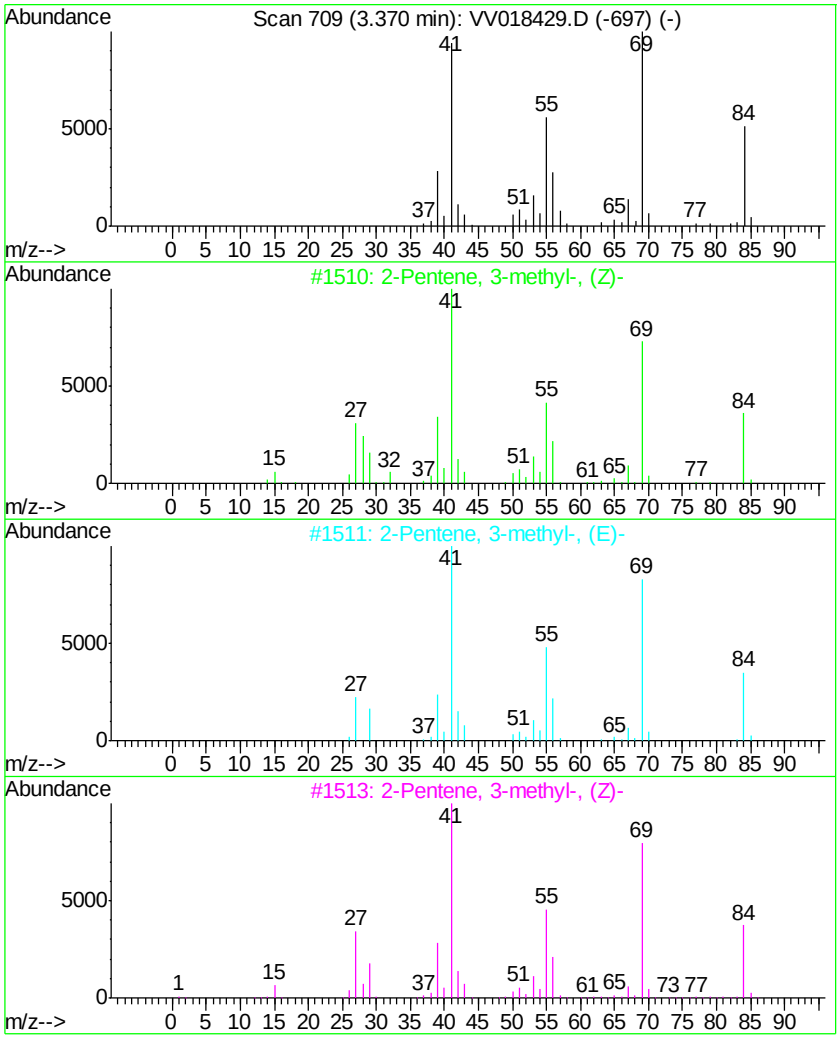
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

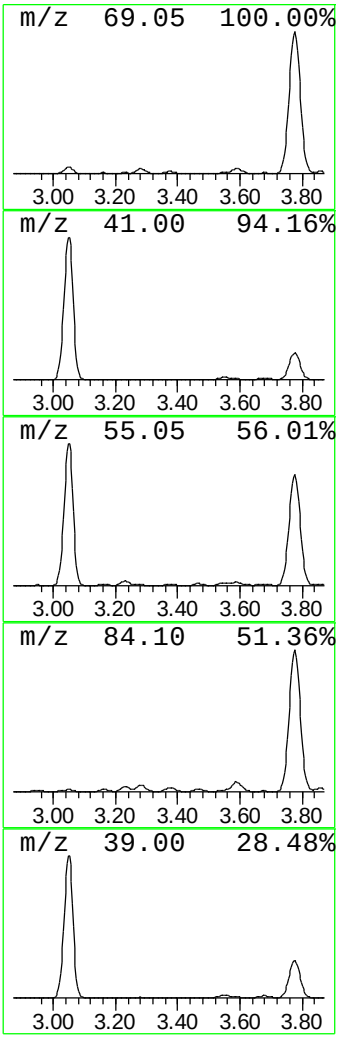
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	4.88 ug/L	103798	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
5	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

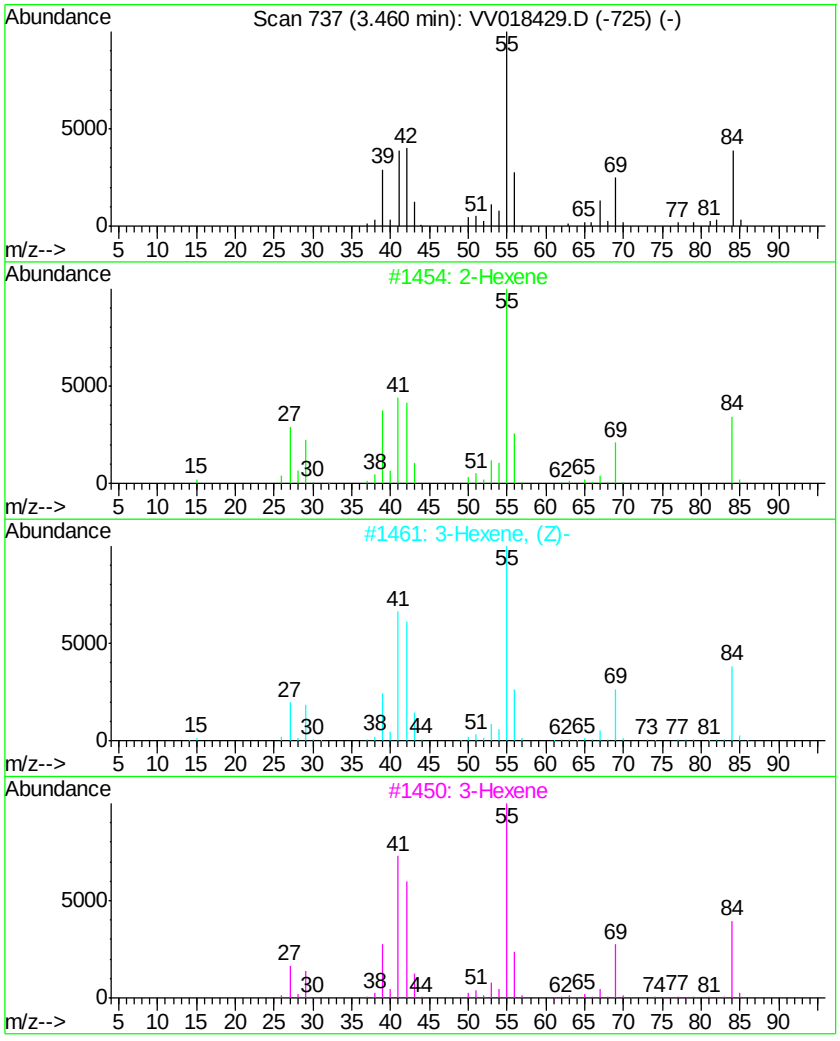
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

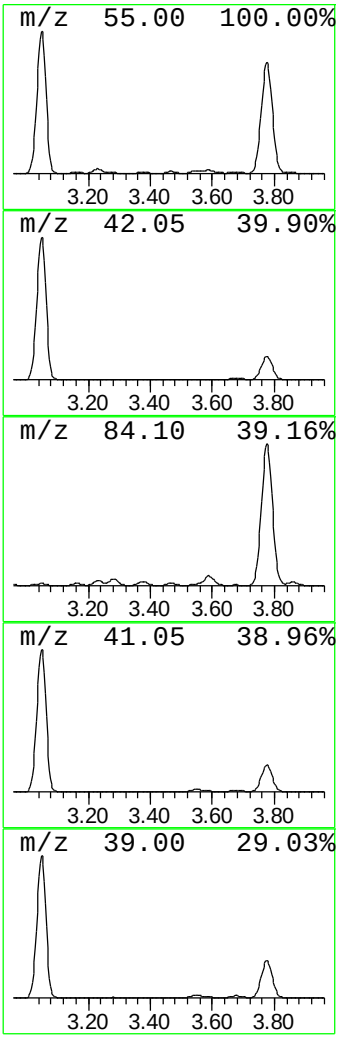
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	2.99 ug/L	63471	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene	84	C6H12	000592-43-8	94
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
3	3-Hexene	84	C6H12	000592-47-2	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

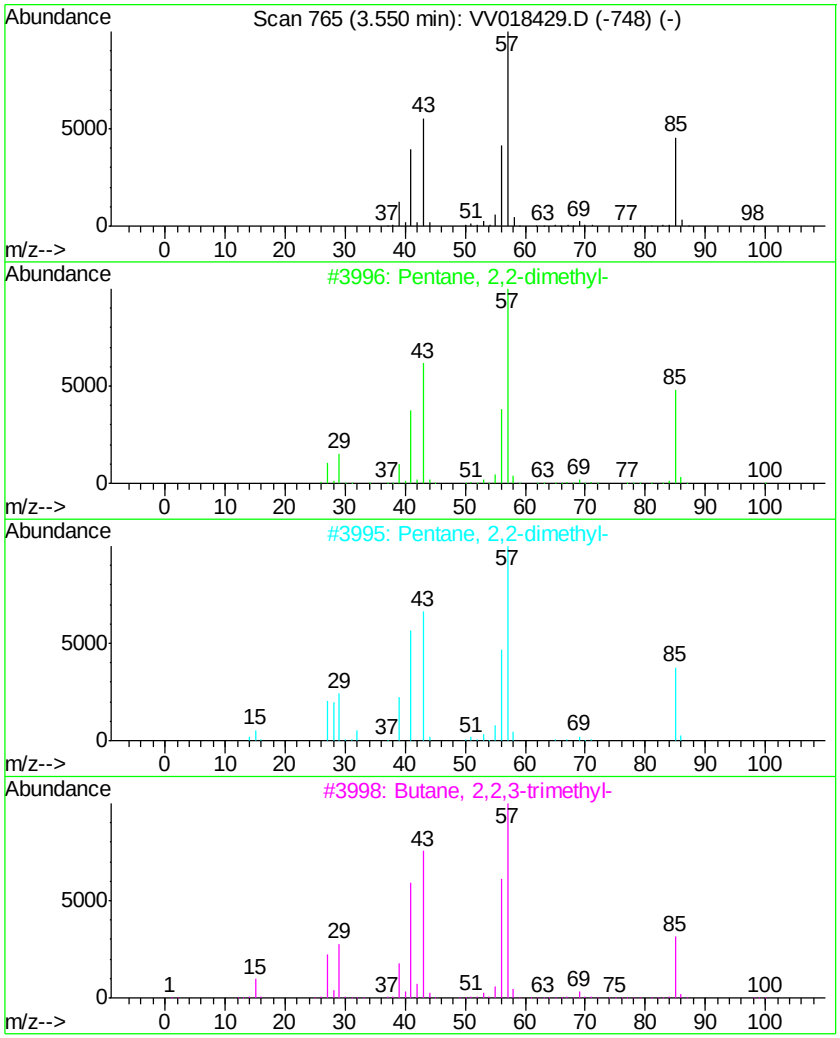
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

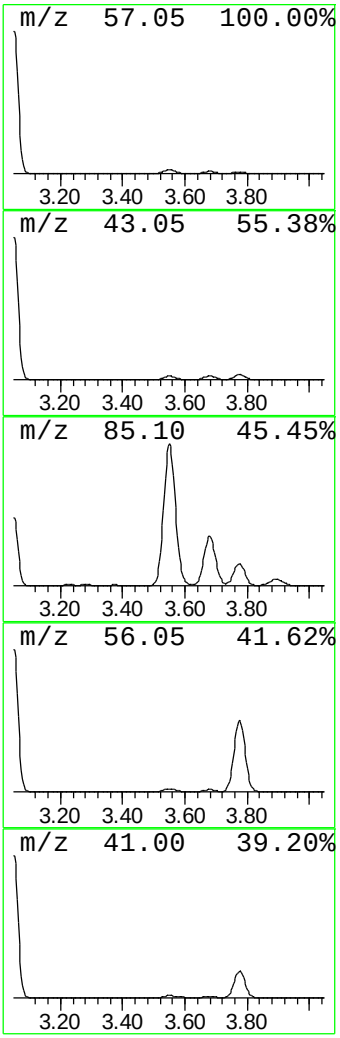
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	77.13 ug/L	1639890	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

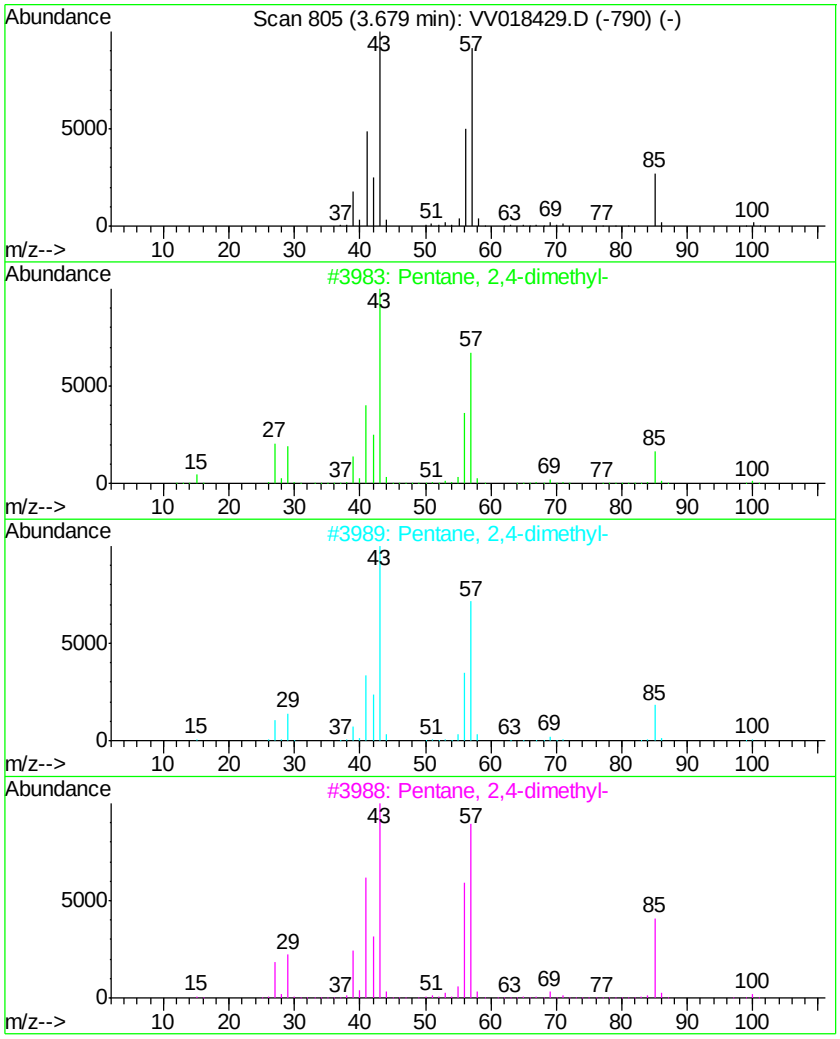
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

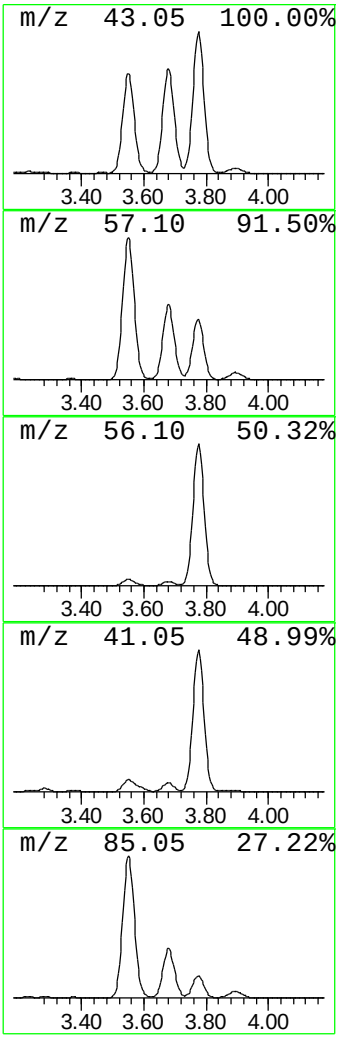
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	43.79 ug/L	931106	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

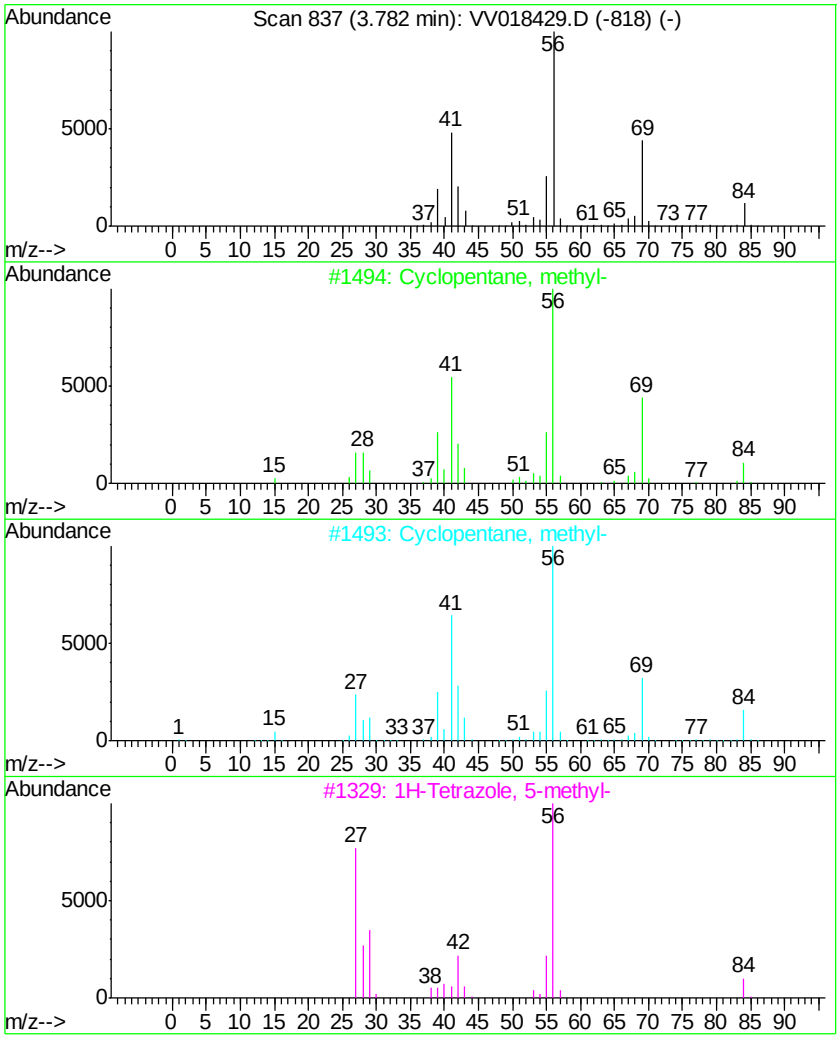
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

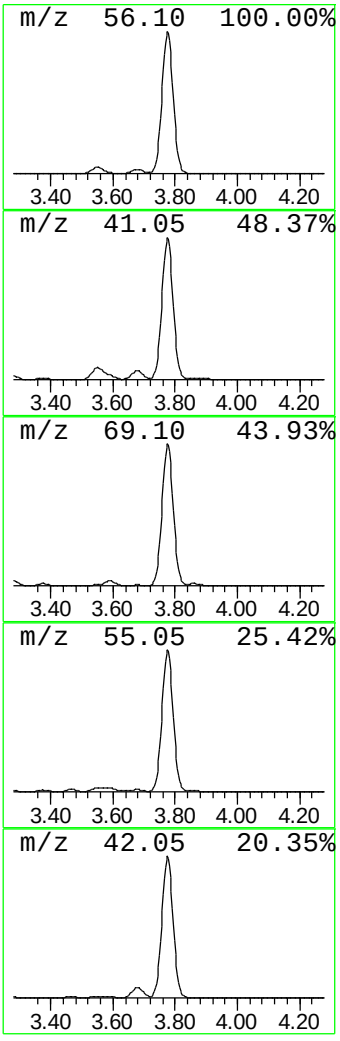
****

Peak Number 10 (DEL) Alkane: Cyclic3.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	598.50 ug/L	12725500	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

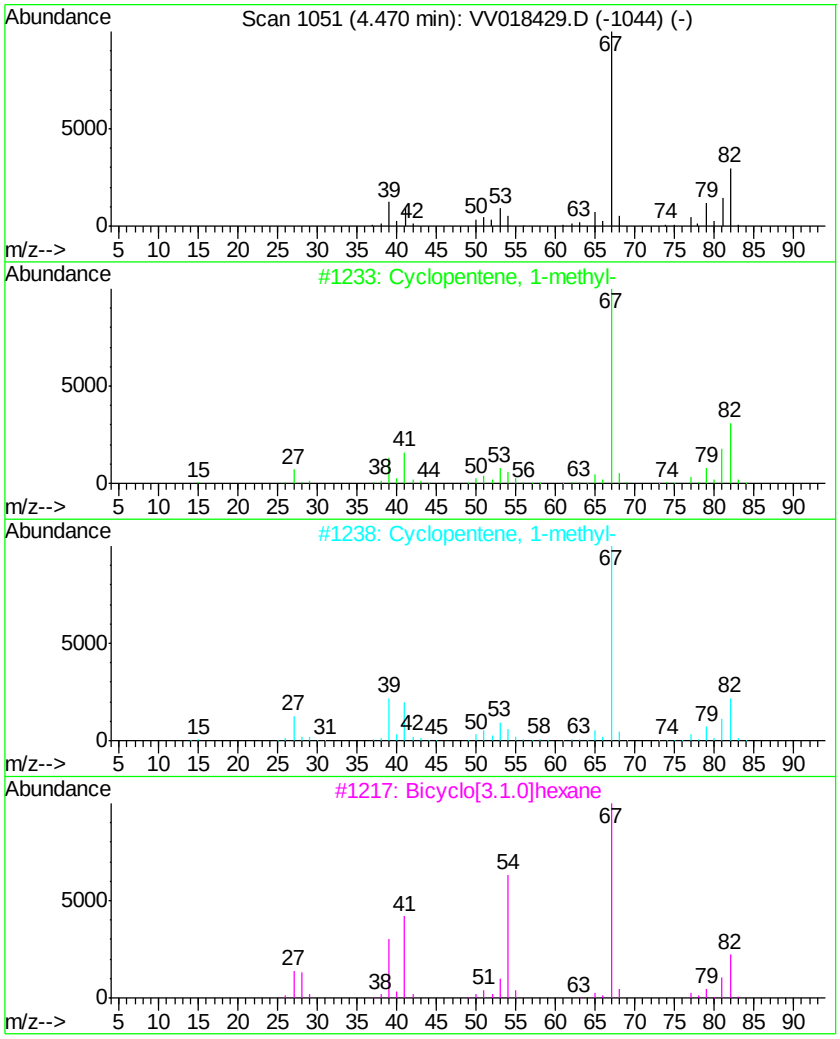
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

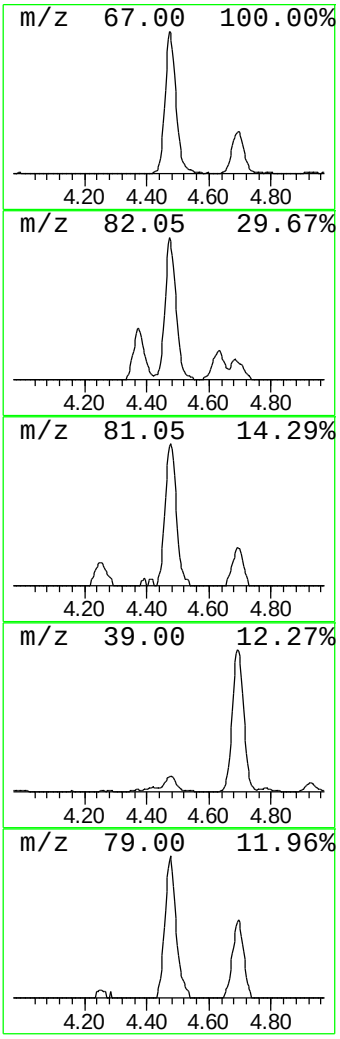
****

Peak Number 11 Cyclopentene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	5.98 ug/L	127070	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	86
3	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	86
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
5	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

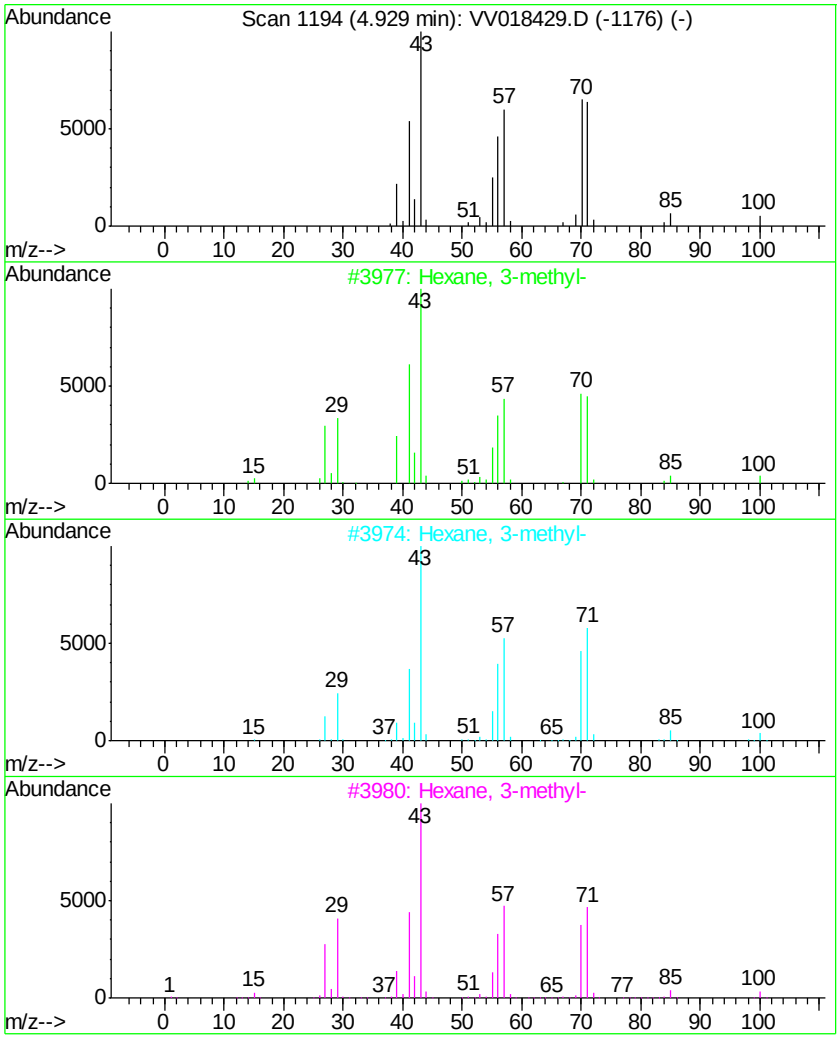
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

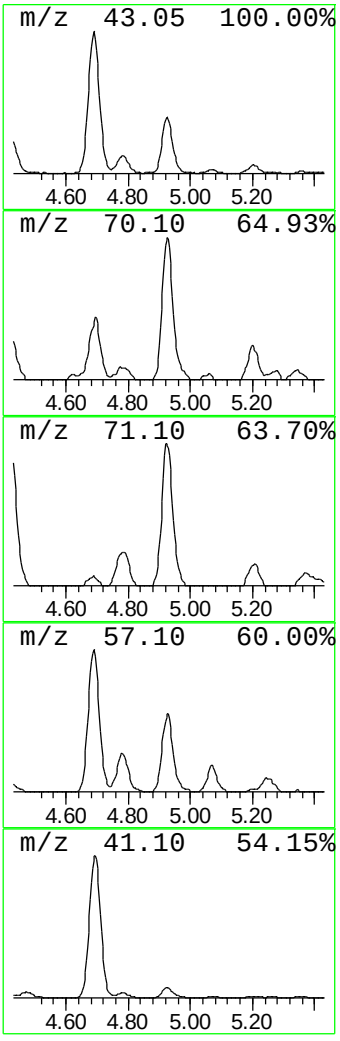
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	4.84 ug/L	102991	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane	100	C7H16	000142-82-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

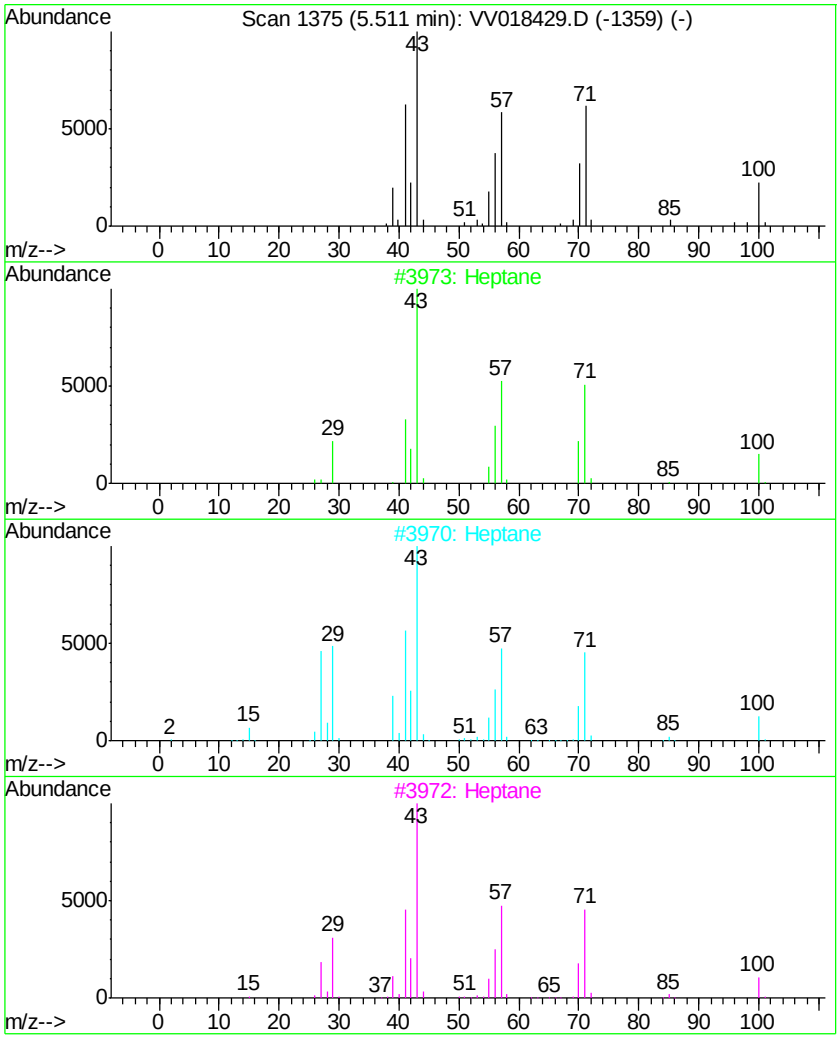
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

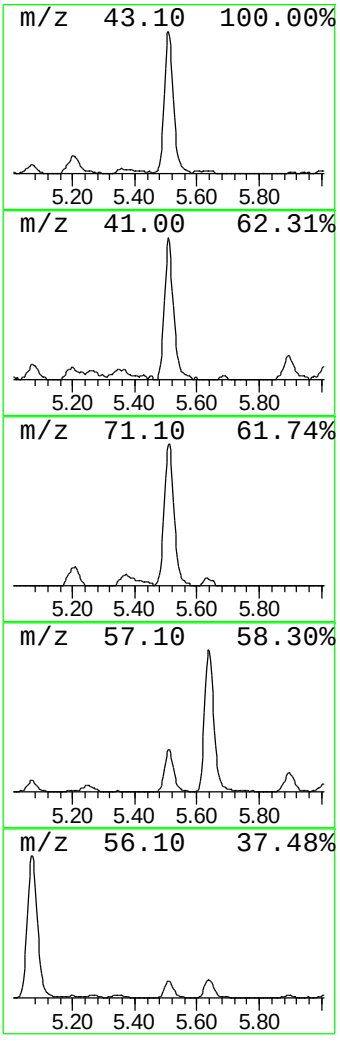
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	4.55 ug/L	96766	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	62
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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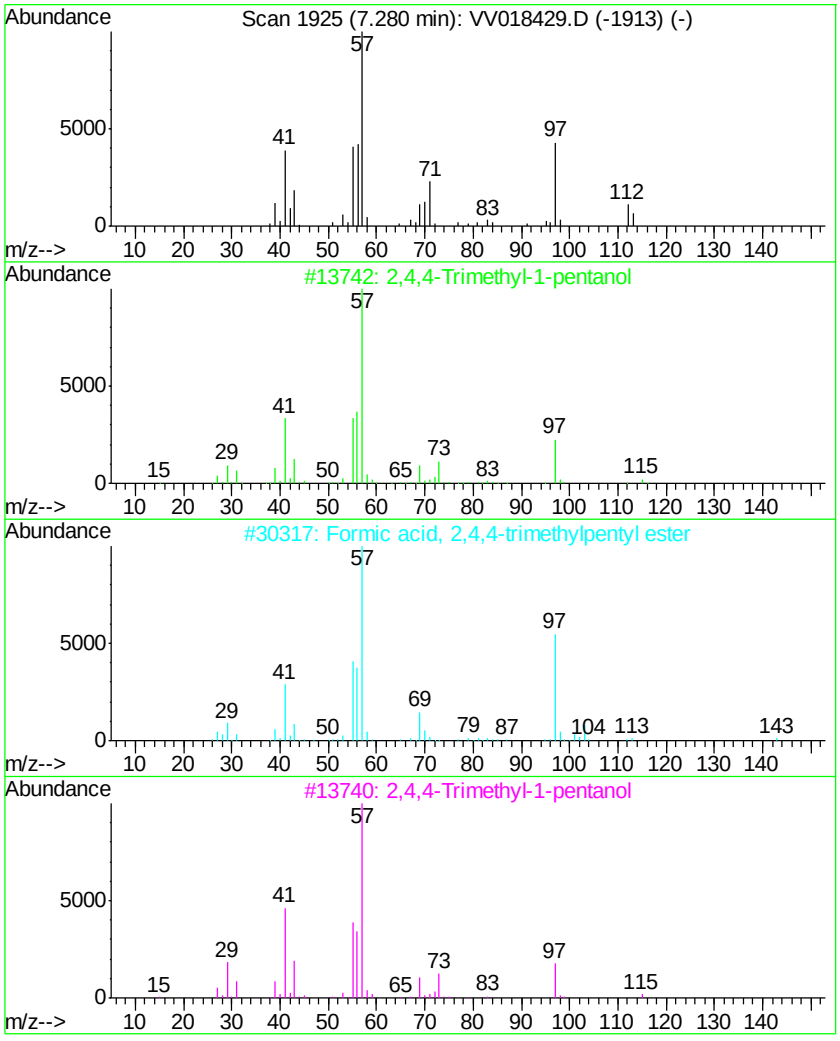
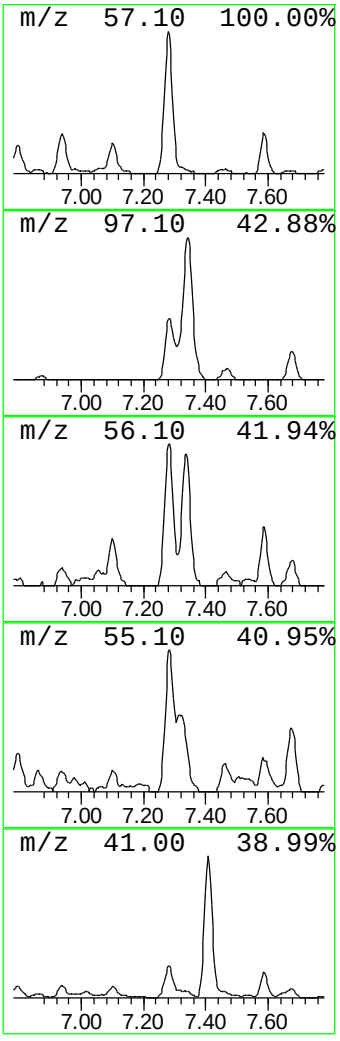
Peak Number 15 2,4,4-Trimethyl-1-pentanol Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	2.57 ug/L	70549	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	53
2	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	45
3	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	45
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	43
5	Pentane, 2-isocyano-2,4,4-trimet...	139	C9H17N	014542-93-9	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

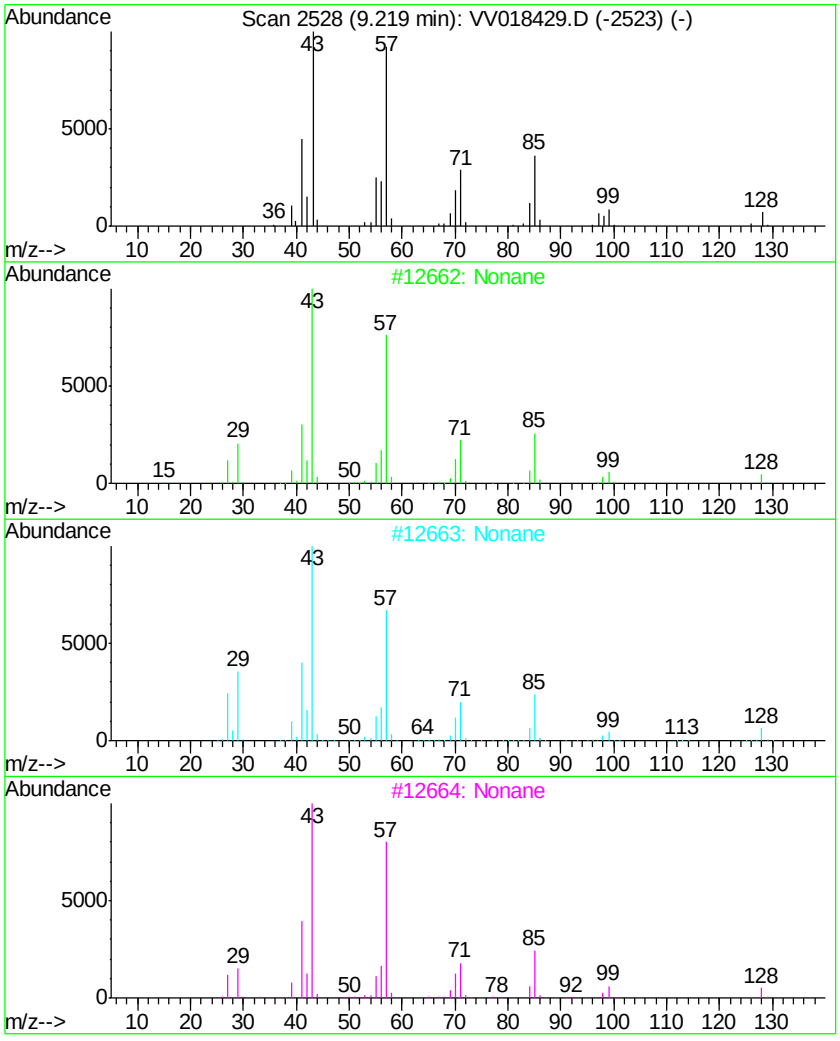
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

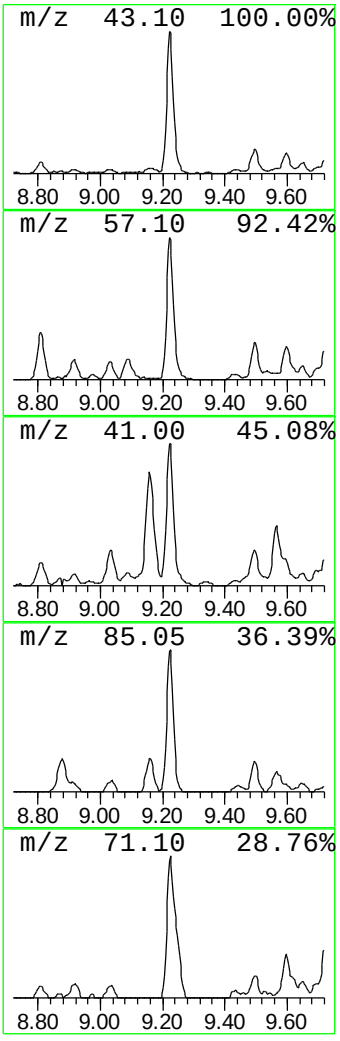
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	5.85 ug/L	160452	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	97
2	Nonane	128	C9H20	000111-84-2	95
3	Nonane	128	C9H20	000111-84-2	87
4	Octane	114	C8H18	000111-65-9	58
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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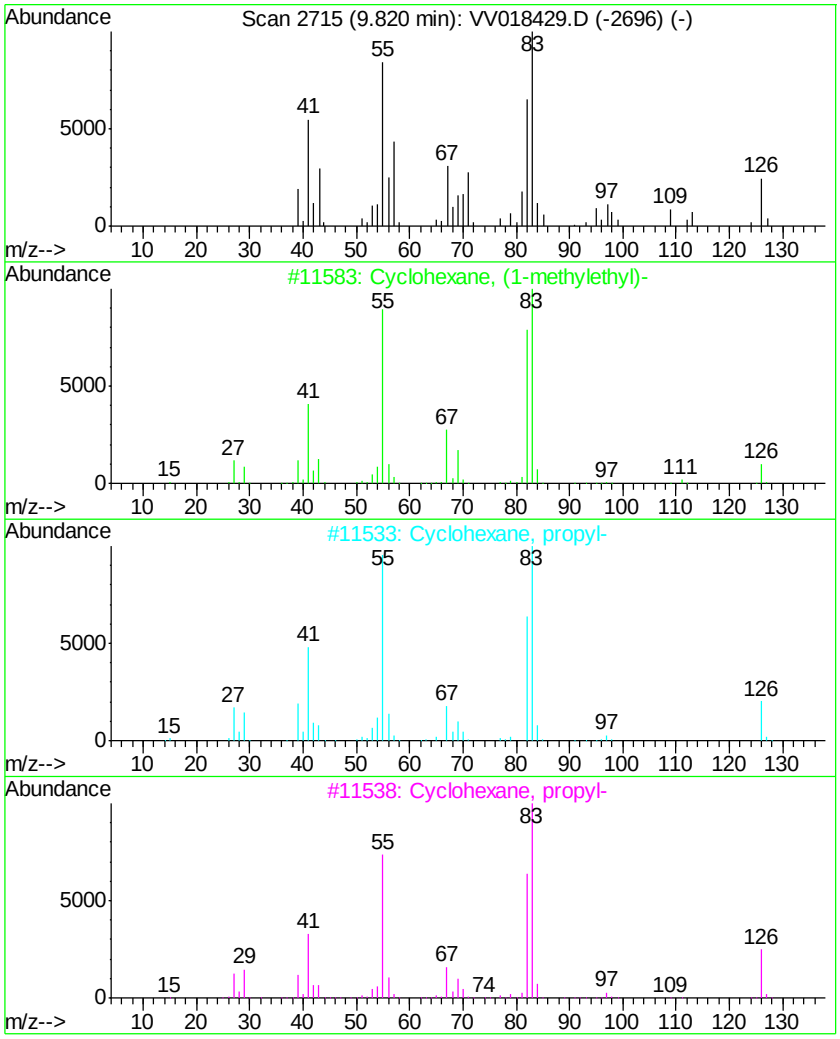
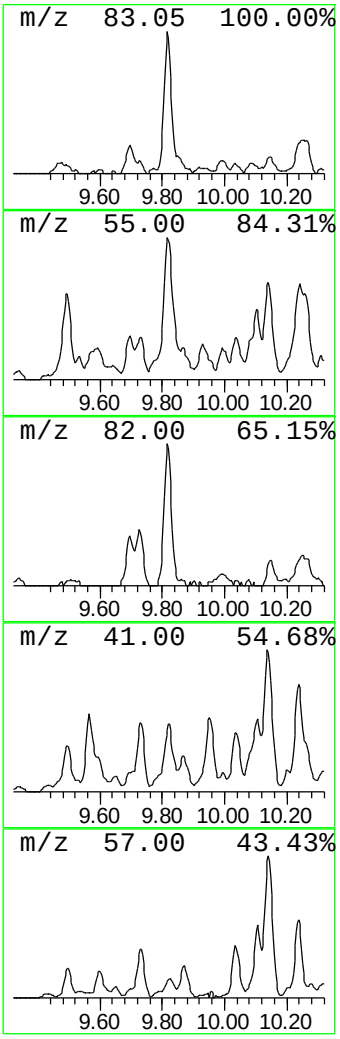
Peak Number 17 (DEL) Alkane: Cyclic9.82 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.22 ug/L	88392	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

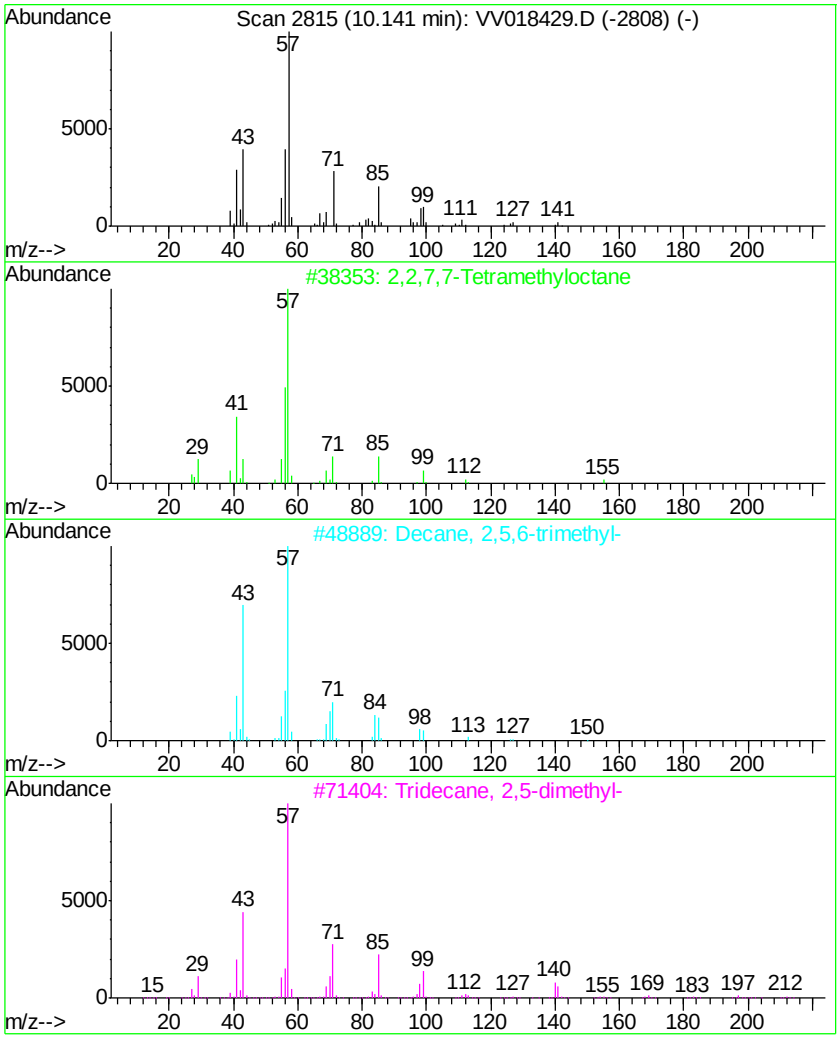
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

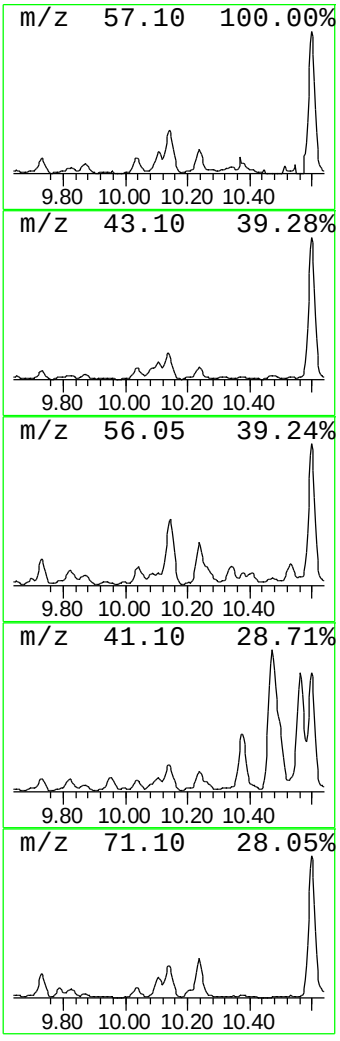
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	4.56 ug/L	145615	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
3	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	53
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

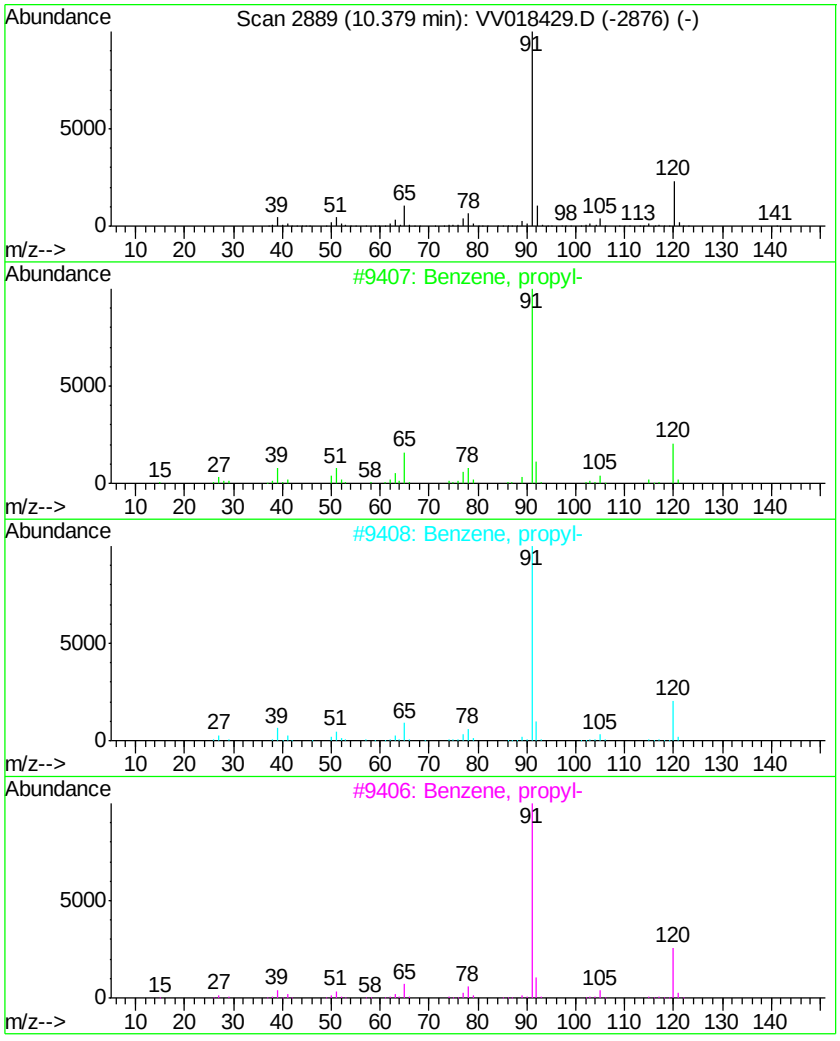
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

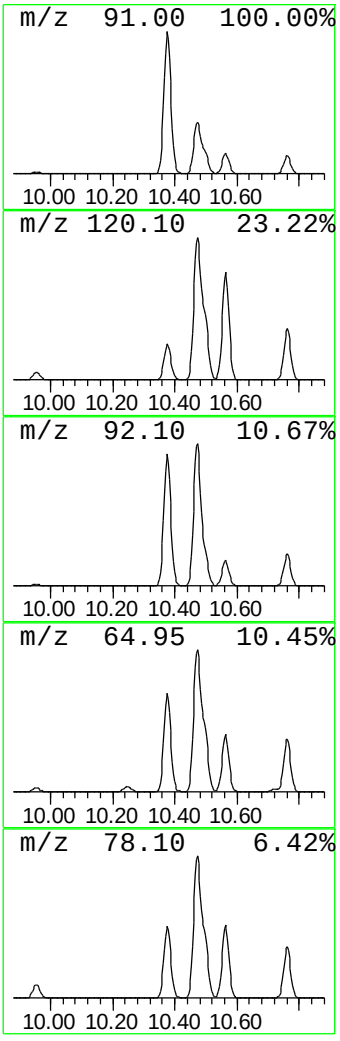
****

Peak Number 19 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	84.07 ug/L	2685720	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

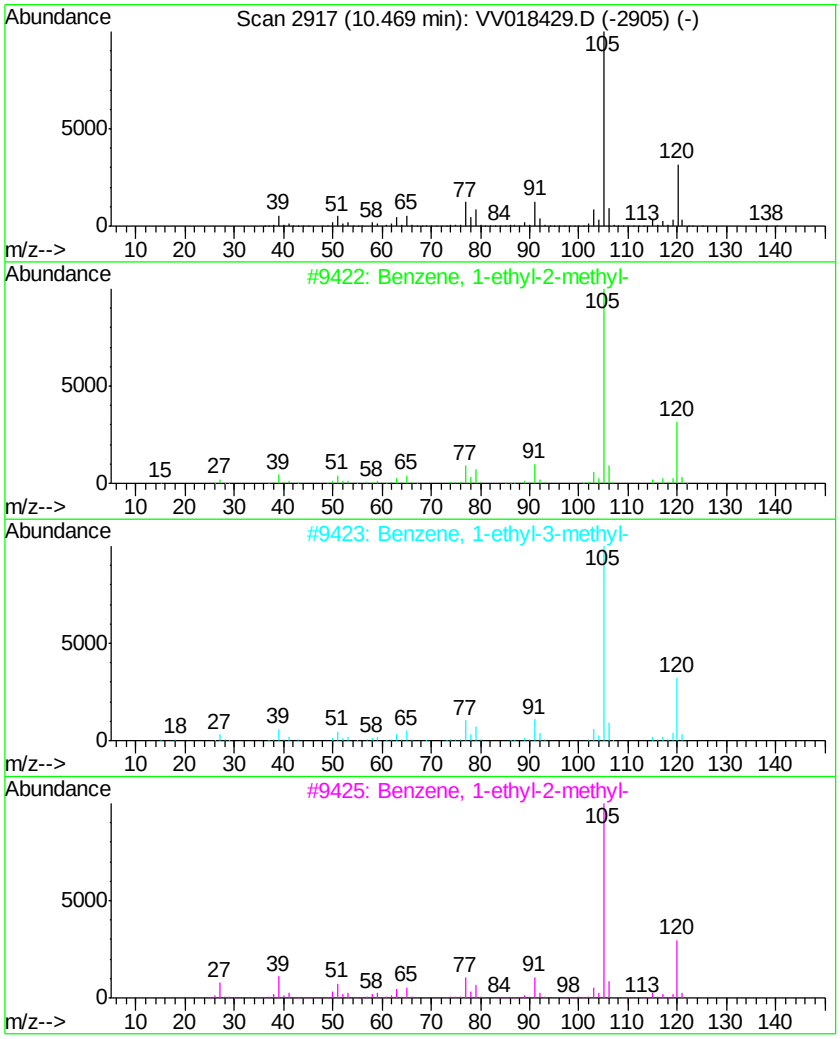
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

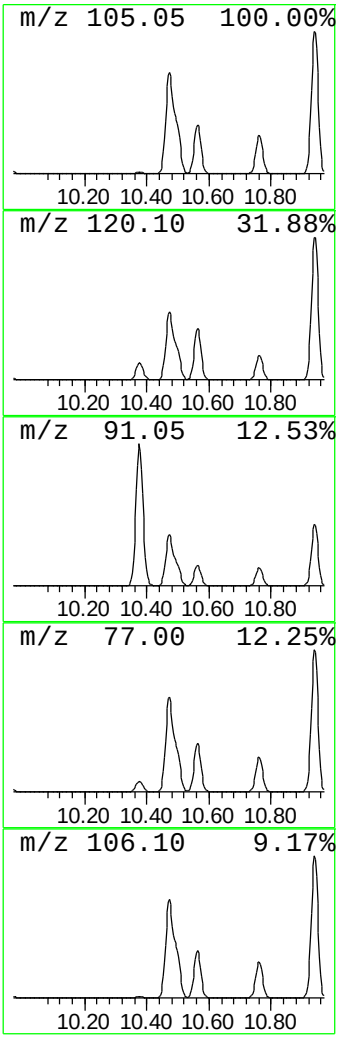
****

Peak Number 20 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	422.35 ug/L	13492100	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

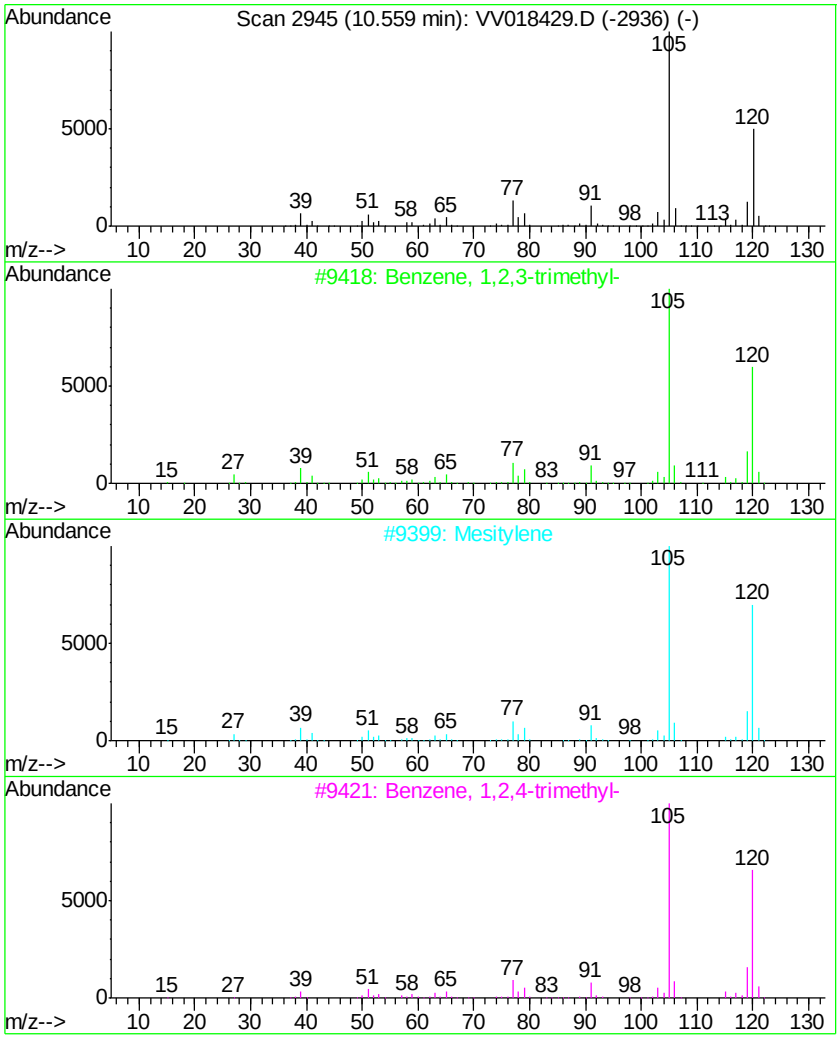
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

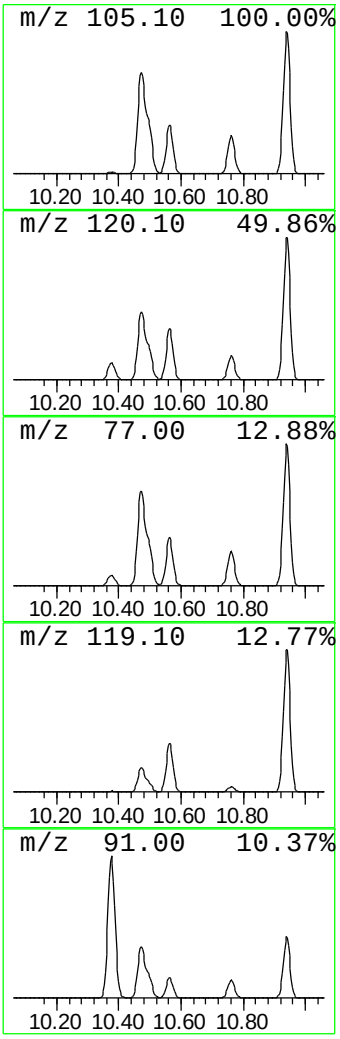
****

Peak Number 21 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	156.24 ug/L	4991270	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

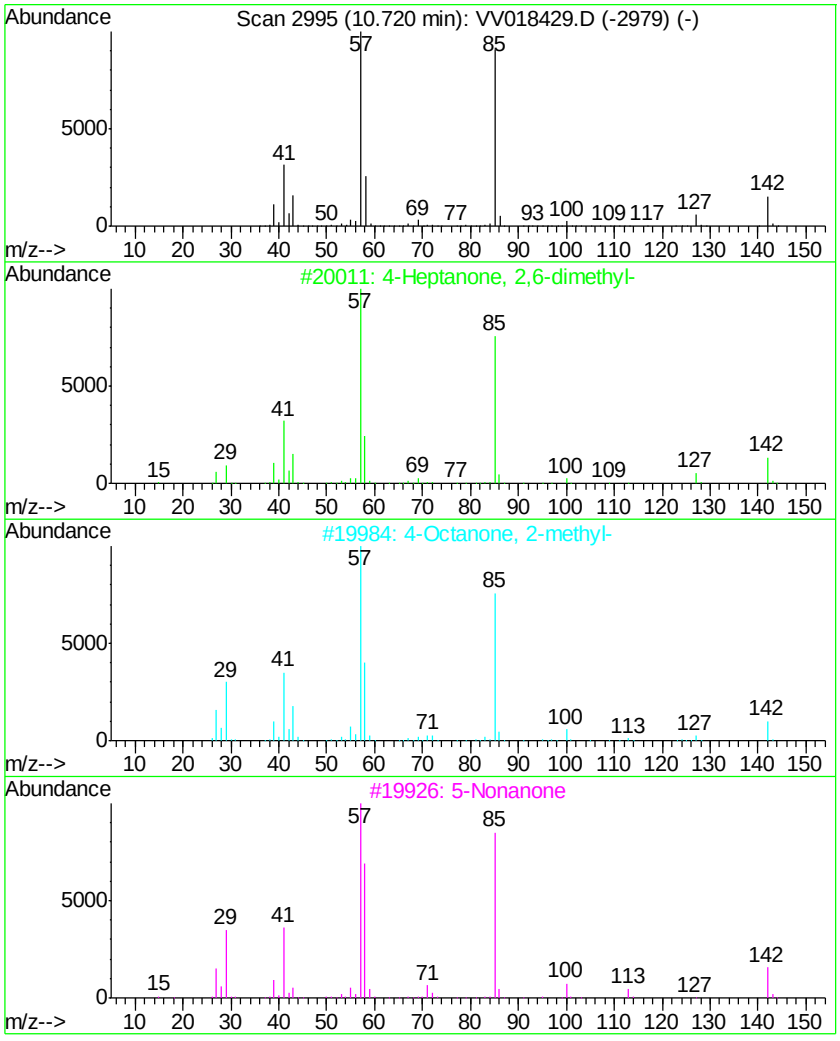
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

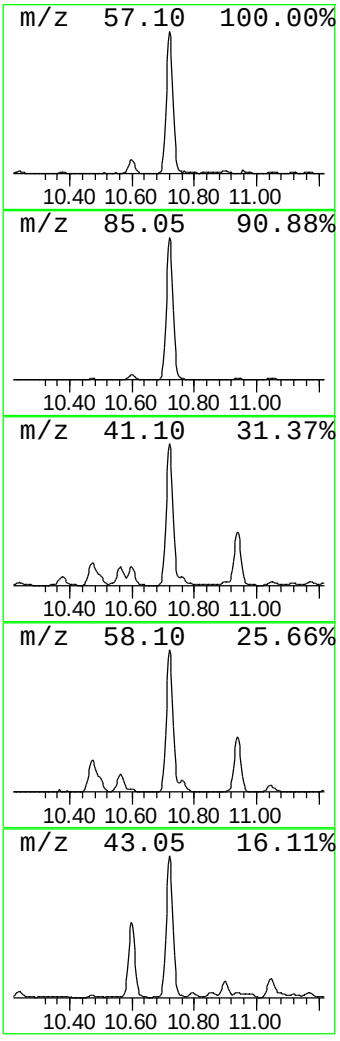
****

Peak Number 22 4-Heptanone, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	122.67 ug/L	3918860	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	5-Nonanone	142	C9H18O	000502-56-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

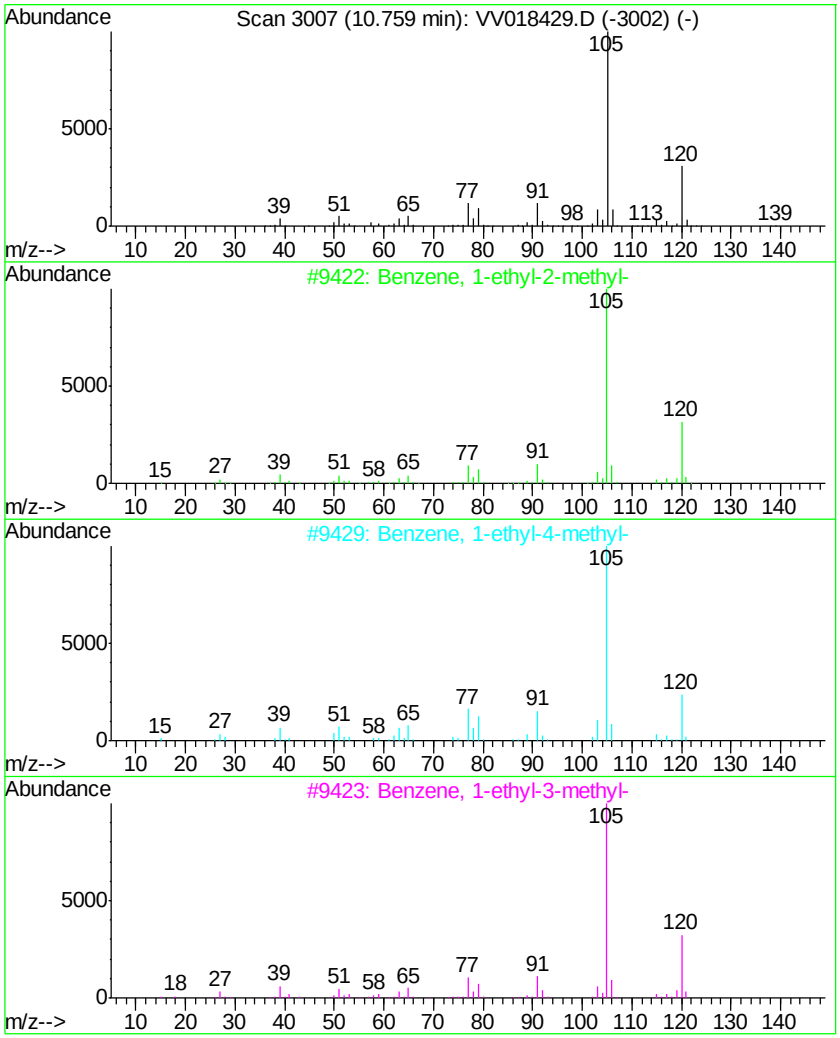
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

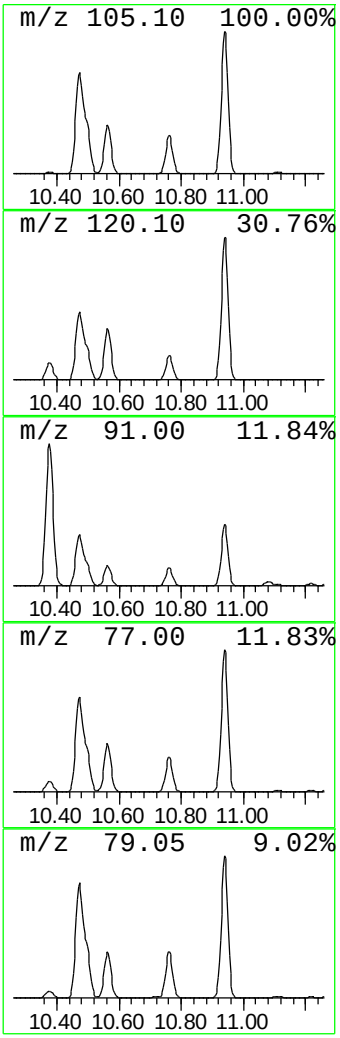
****

Peak Number 23 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	107.36 ug/L	3429770	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

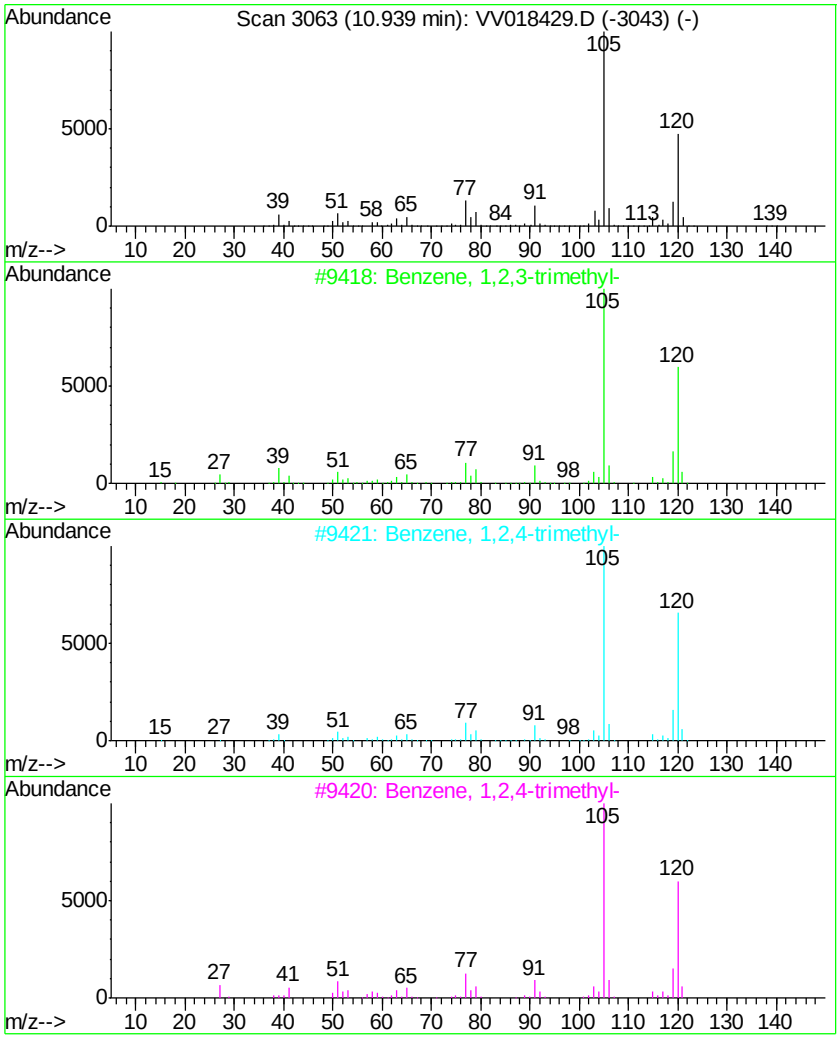
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

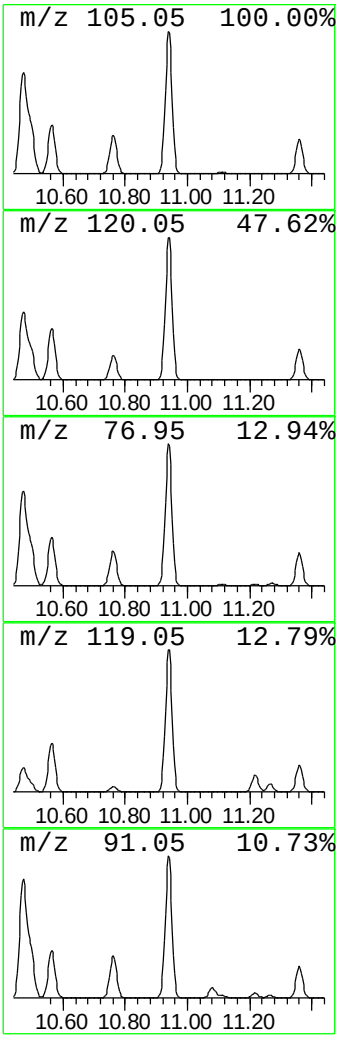
****

Peak Number 24 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	467.45 ug/L	14932800	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

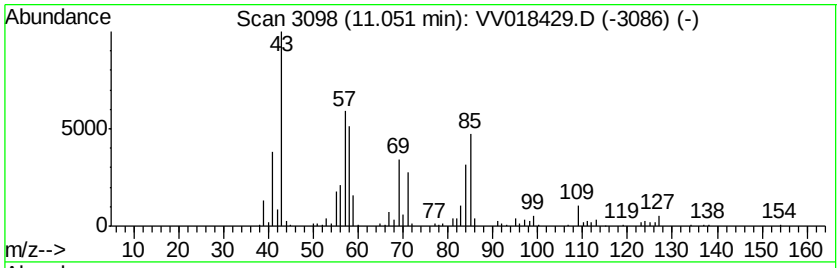
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

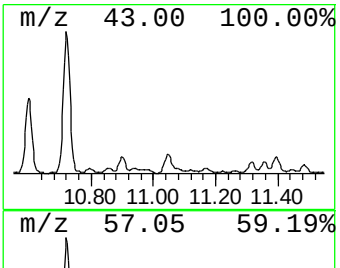
****

Peak Number 25 2-Heptanone, 4,6-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	4.61 ug/L	147252	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	72
2	2-Nonanone	142	C9H18O	000821-55-6	43
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	35
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

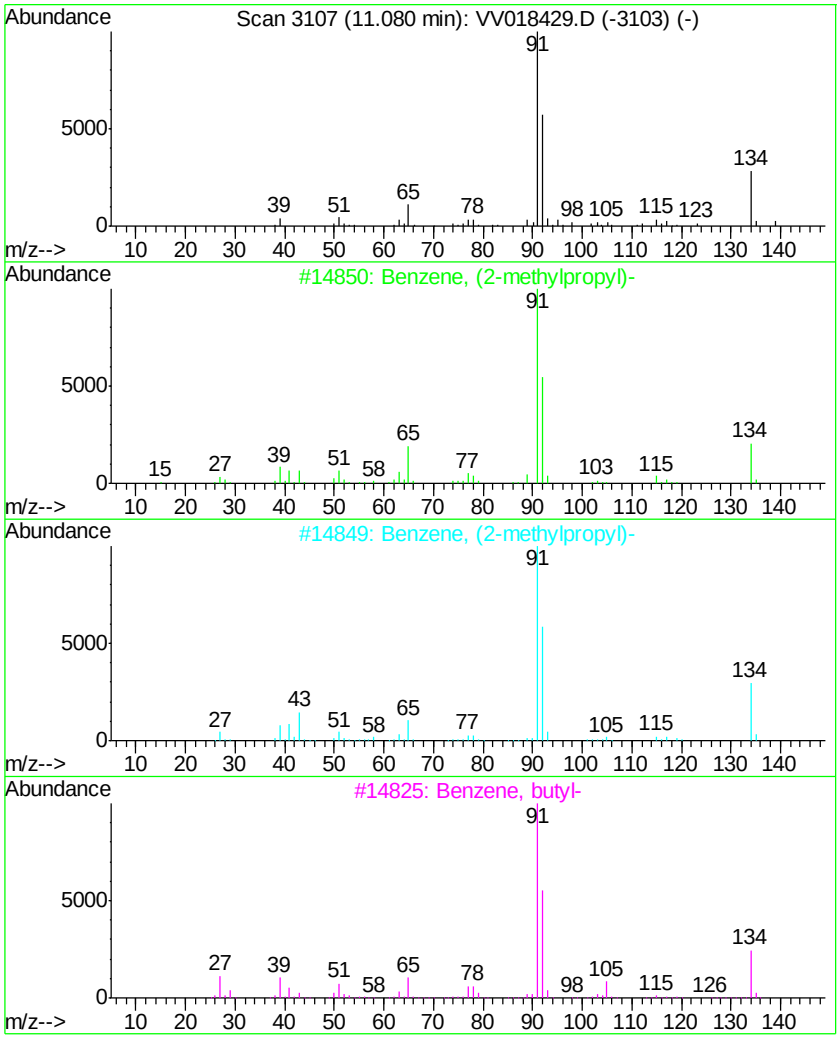
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

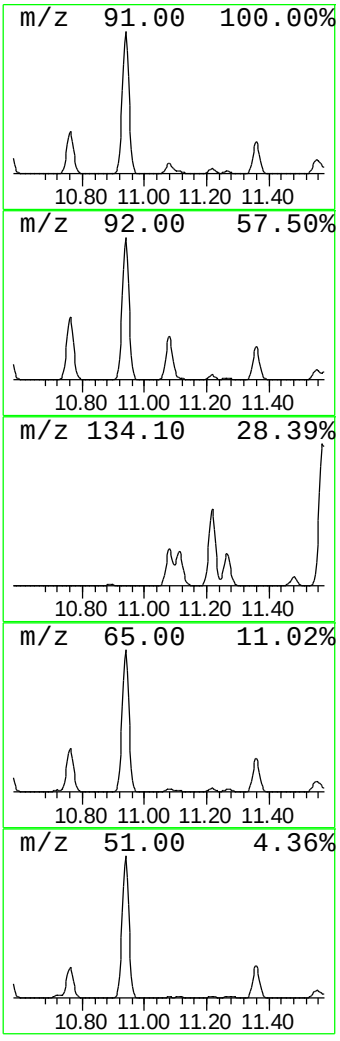
****

Peak Number 26 Benzene, (2-methylpropyl)- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	3.31 ug/L	105815	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, butyl-	134	C10H14	000104-51-8	80
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, butyl-	134	C10H14	000104-51-8	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

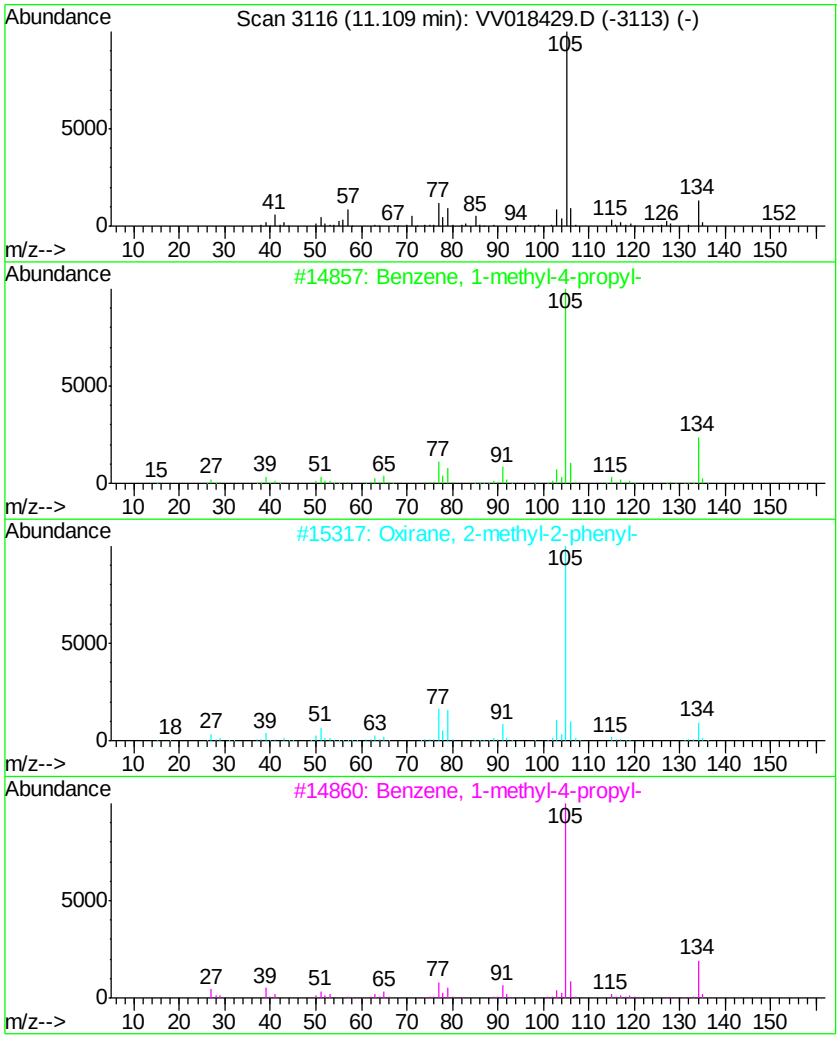
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

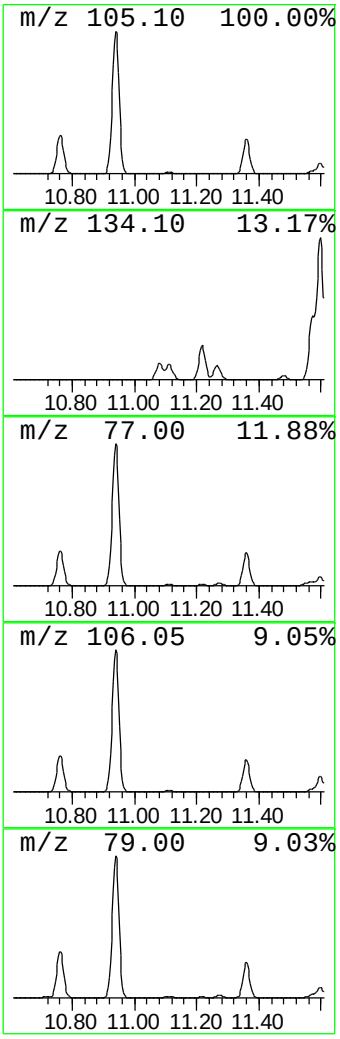
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-methyl-4-propyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	4.16 ug/L	132764	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	68
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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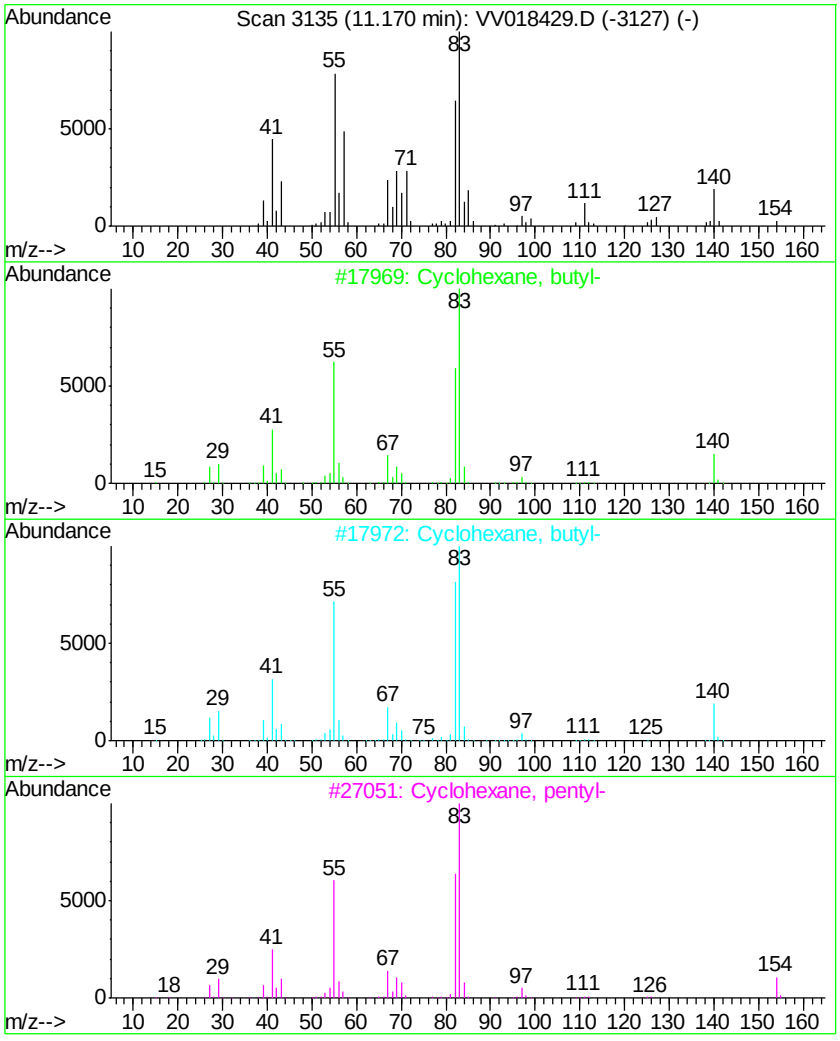
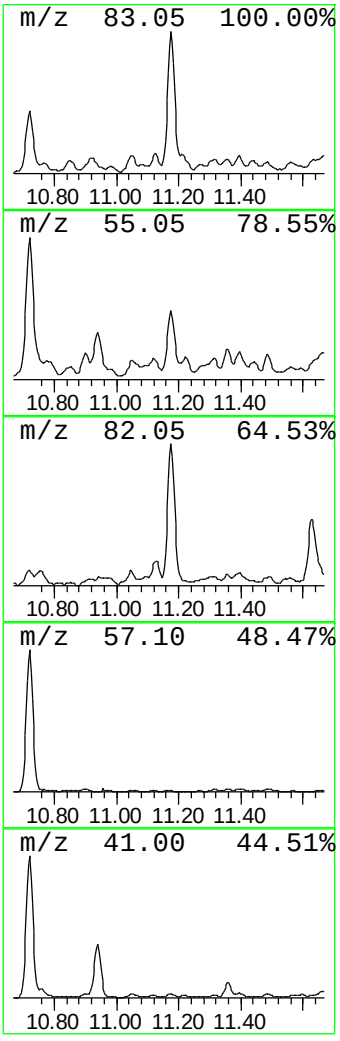
Peak Number 28 (DEL) Alkane: Cyclic11.17 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.72 ug/L	118887	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

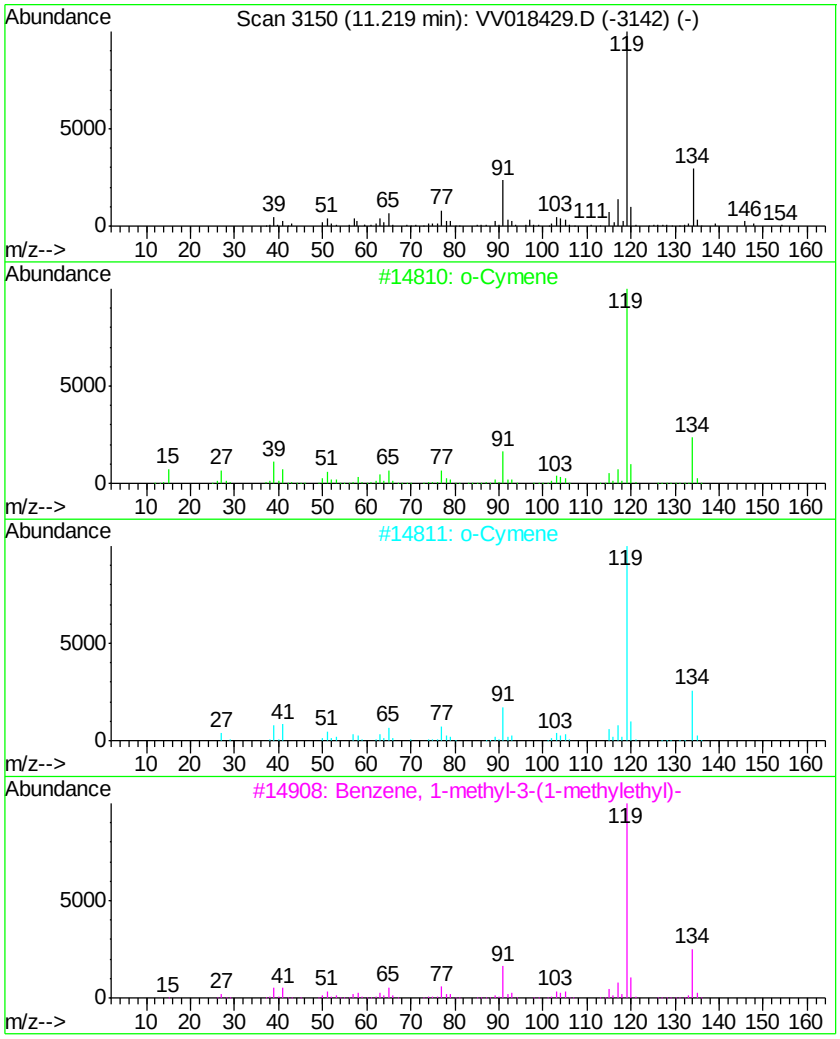
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

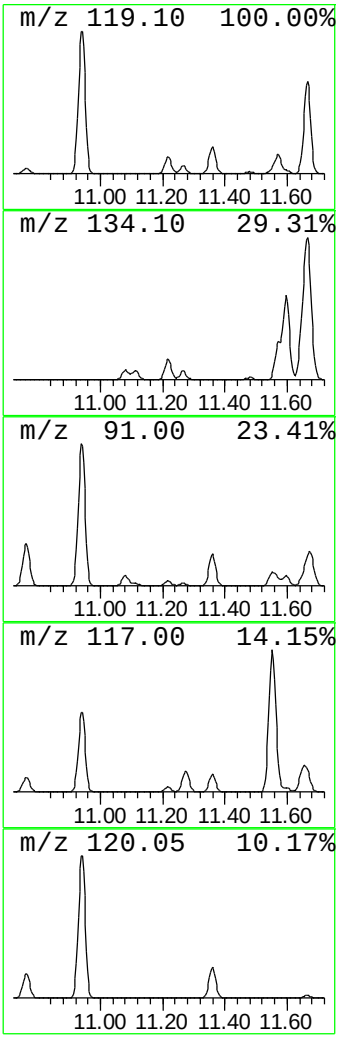
****

Peak Number 29 o-Cymene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	7.05 ug/L	225161	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
4	p-Cymene	134	C10H14	000099-87-6	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

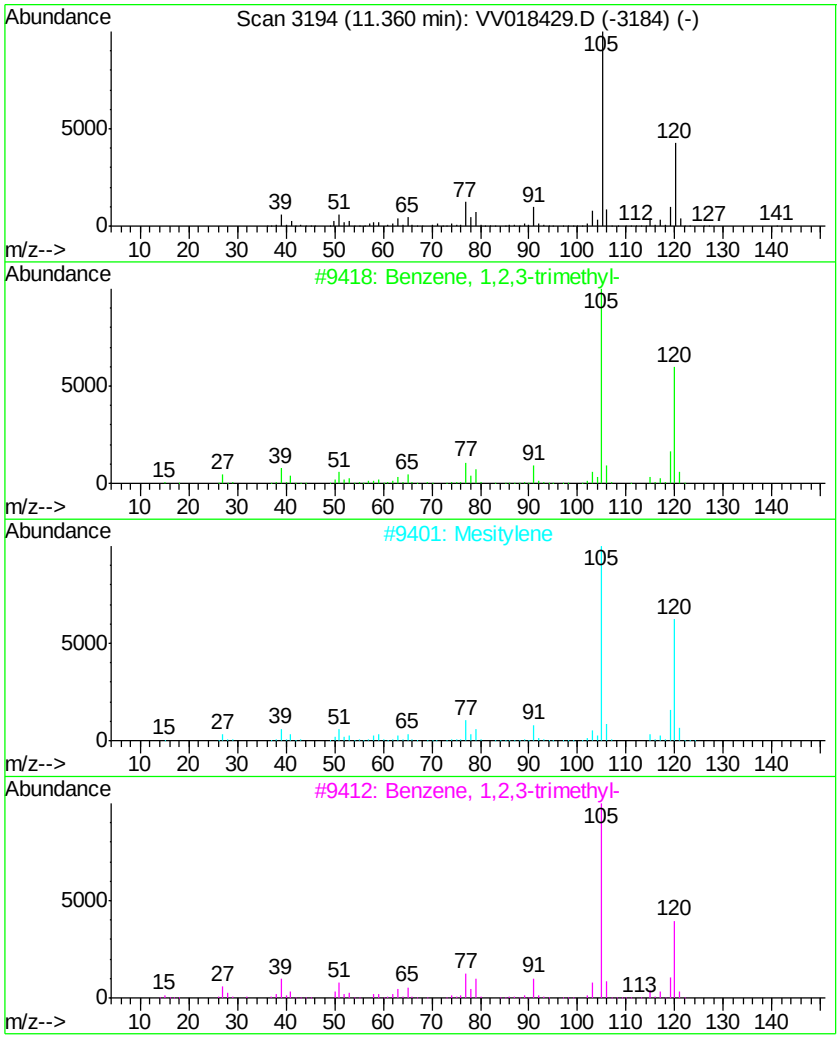
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

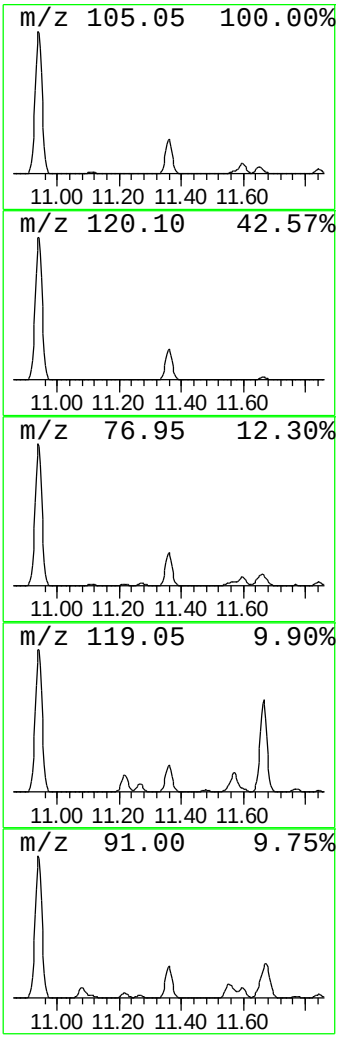
****

Peak Number 30 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	110.27 ug/L	3522440	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

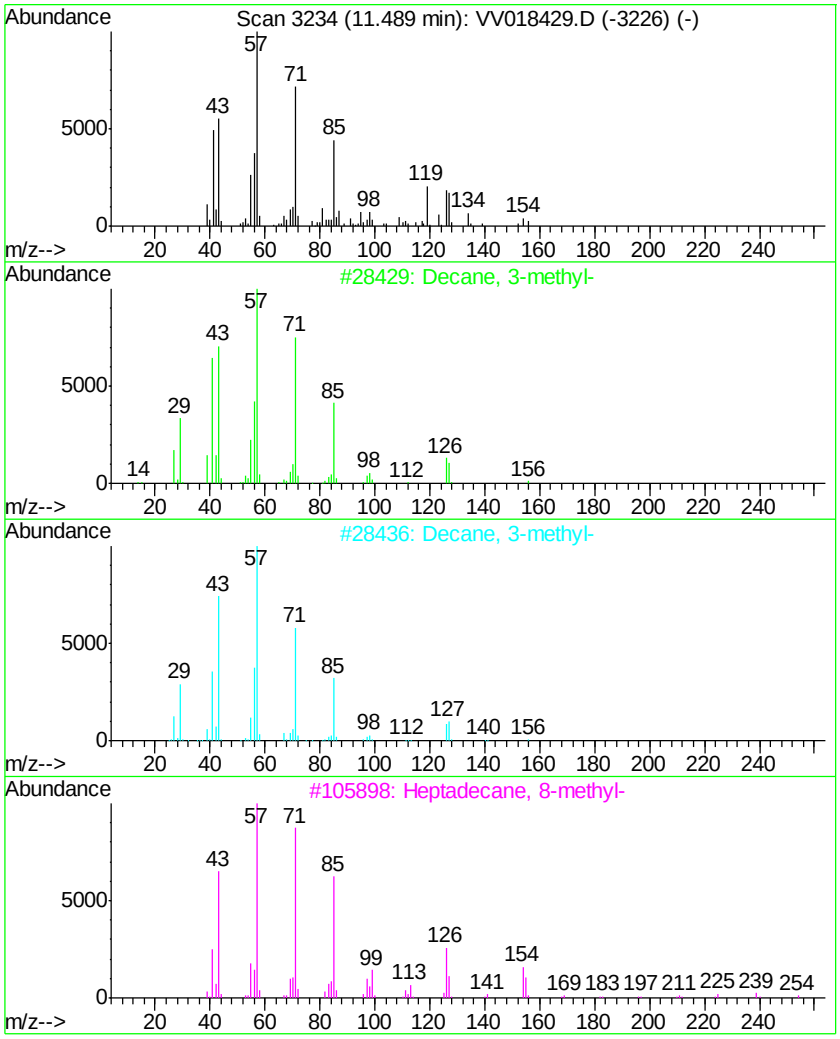
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

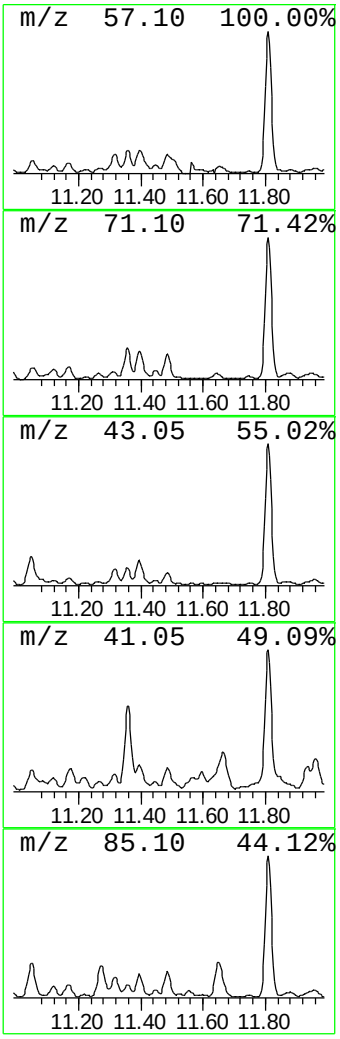
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	3.31 ug/L	105745	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	83
2	Decane, 3-methyl-	156	C11H24	013151-34-3	72
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	50
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	47
5	1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

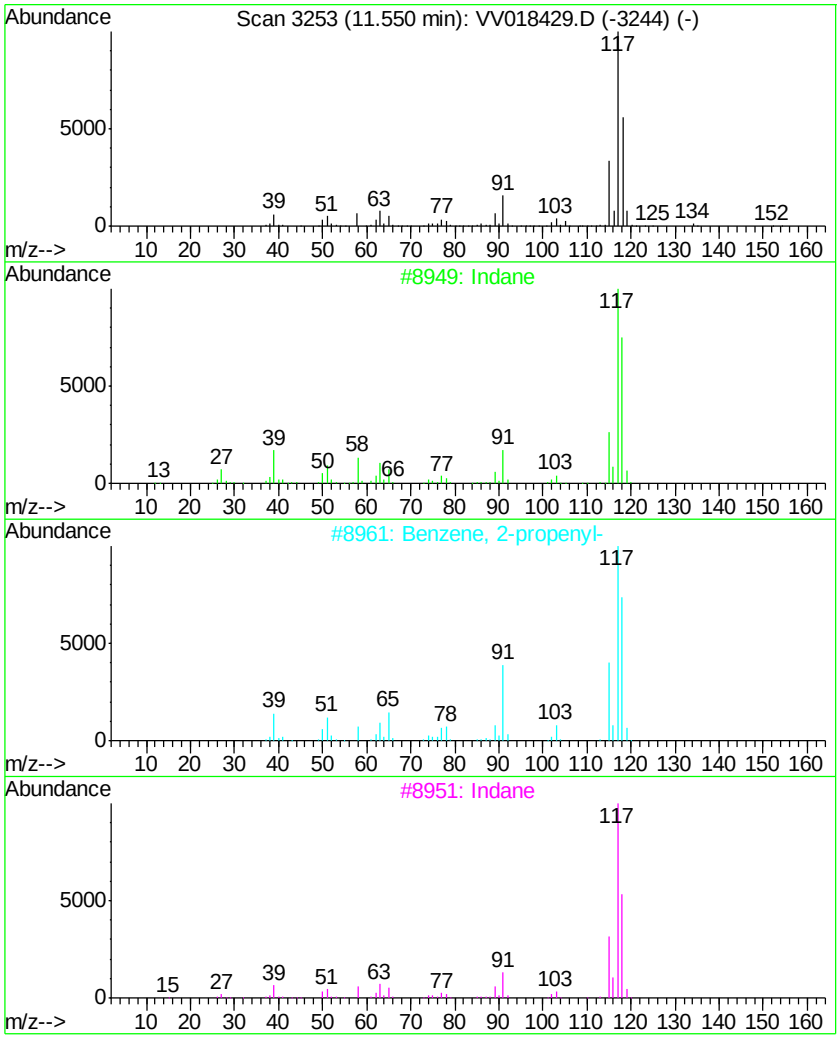
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

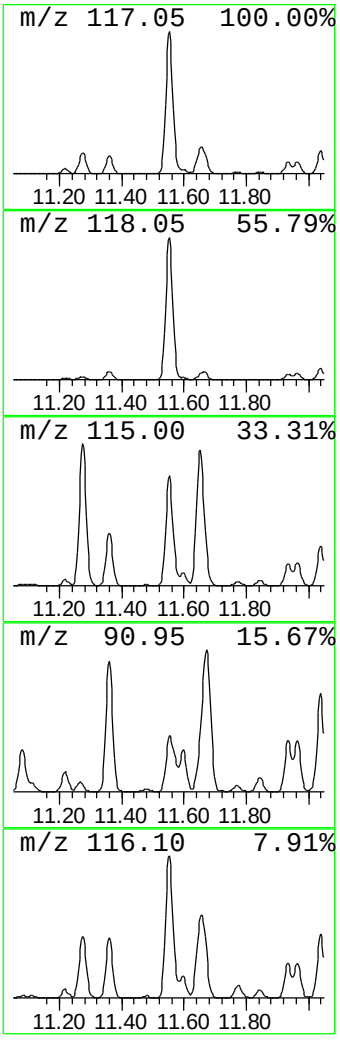
****

Peak Number 32 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	40.23 ug/L	1285140	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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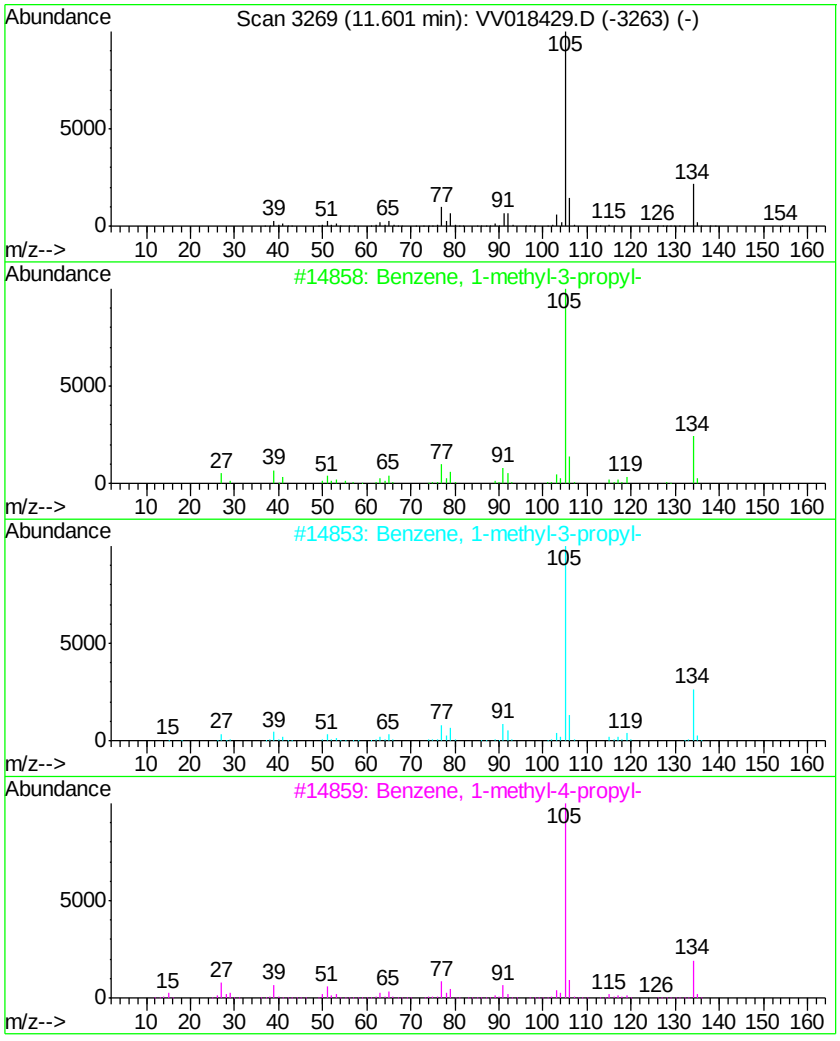
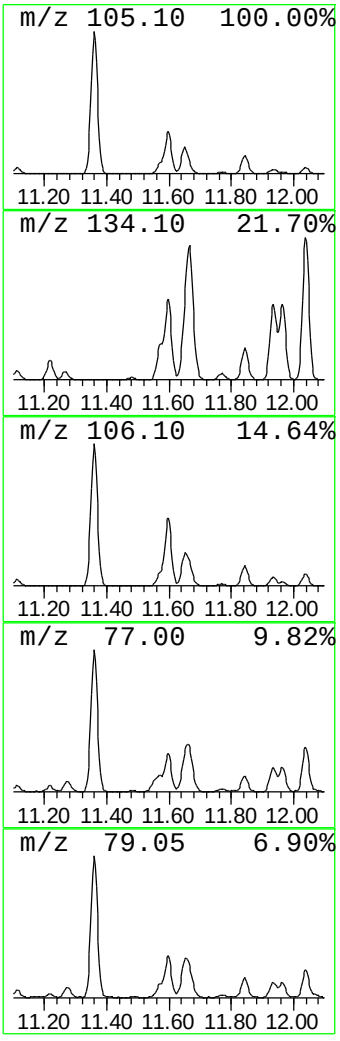
Peak Number 33 Benzene, 1-methyl-3-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	26.12 ug/L	834426	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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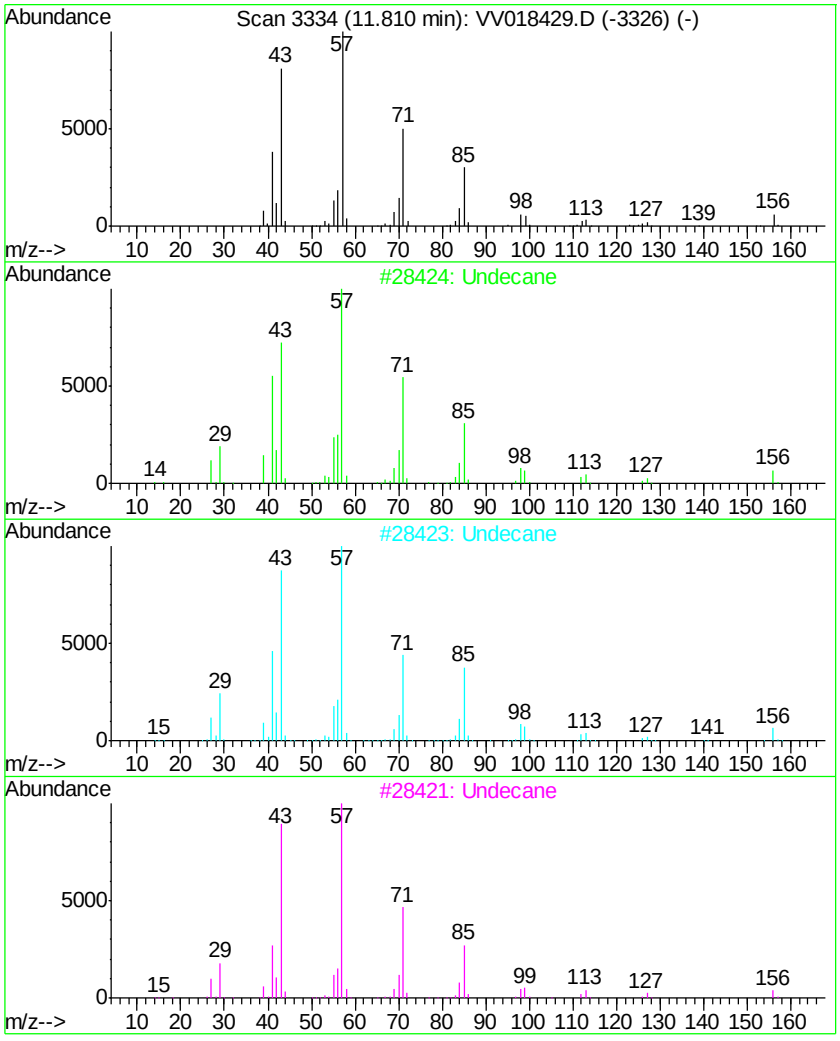
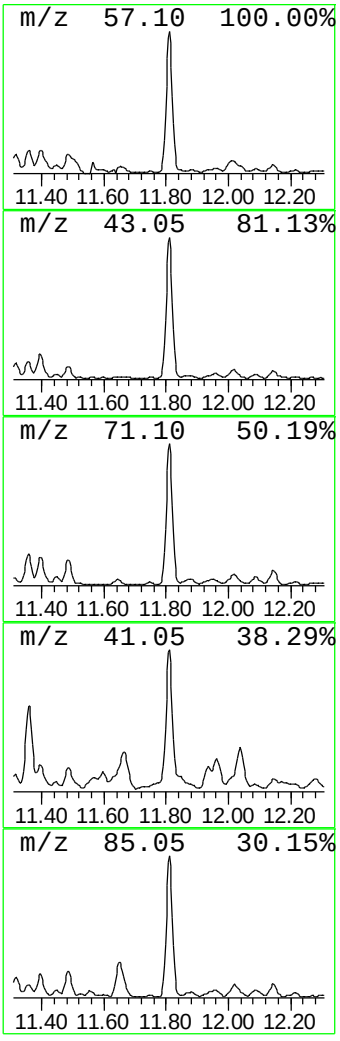
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	19.59 ug/L	625890	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Undecane	156	C11H24	001120-21-4	93
3	Undecane	156	C11H24	001120-21-4	91
4	Undecane	156	C11H24	001120-21-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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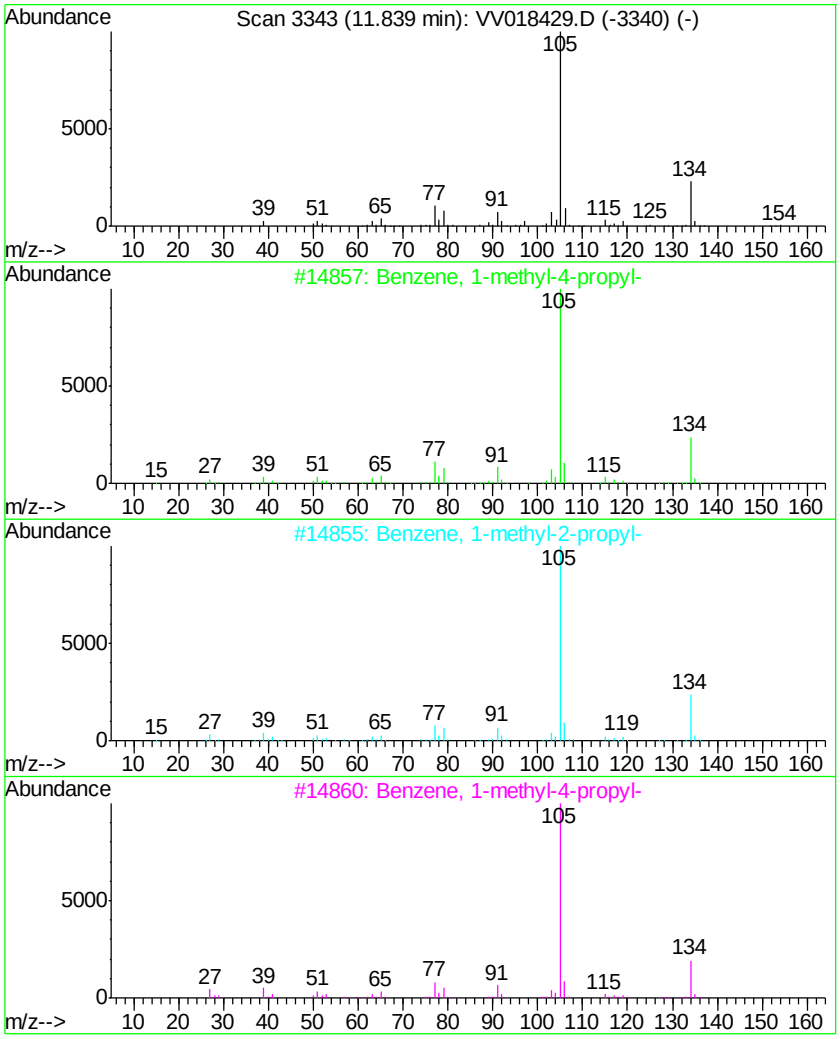
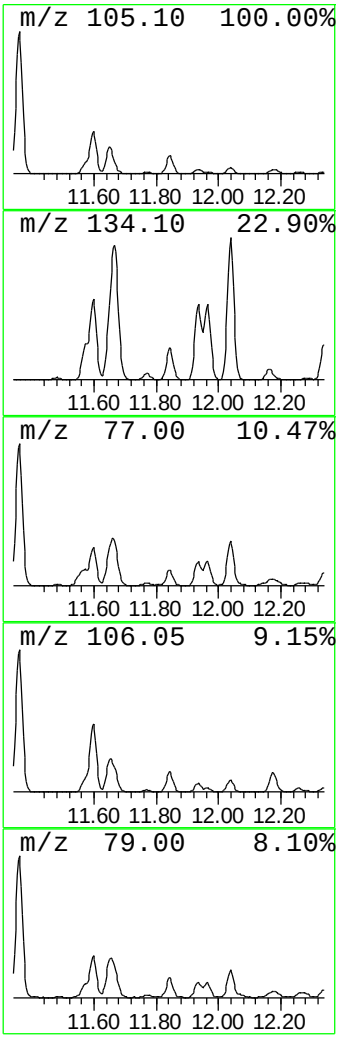
Peak Number 35 Benzene, 1-methyl-2-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	12.28 ug/L	392293	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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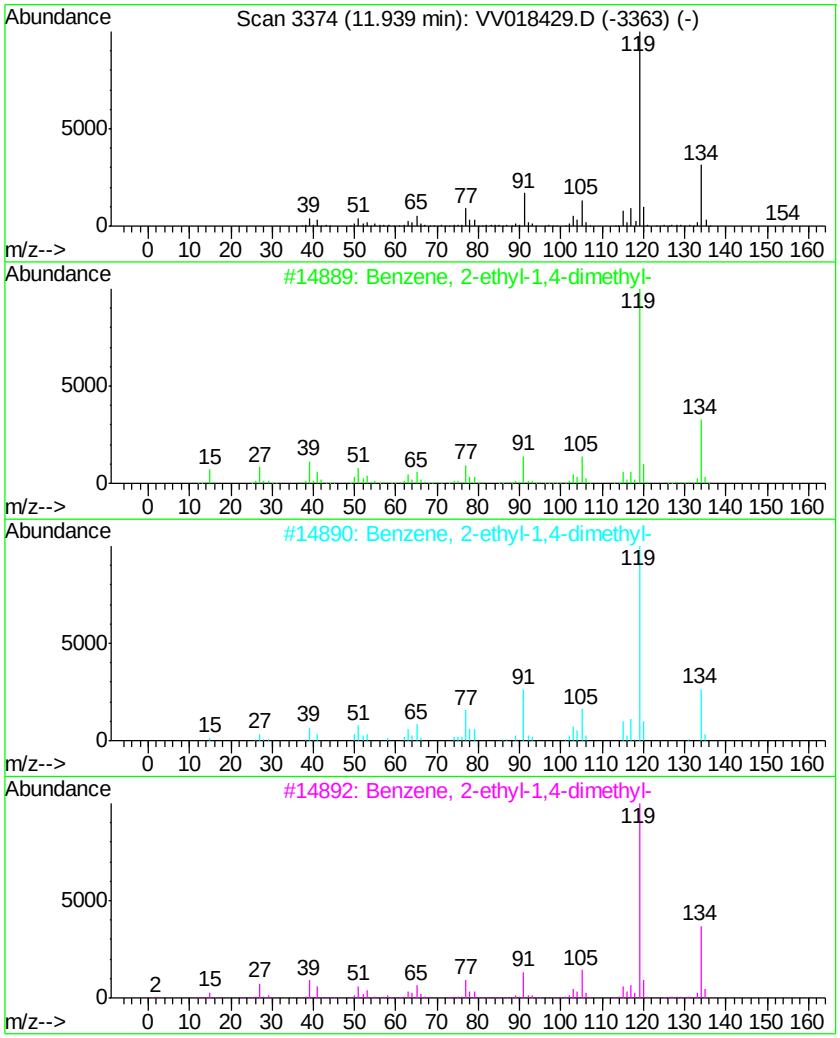
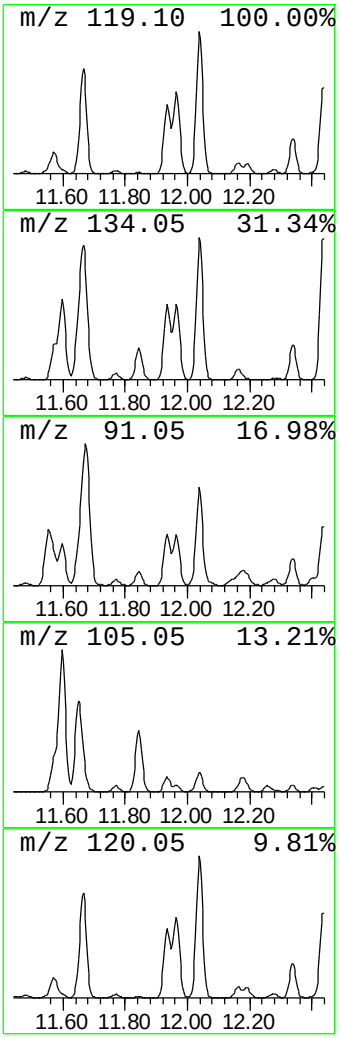
Peak Number 36 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	24.30 ug/L	776179	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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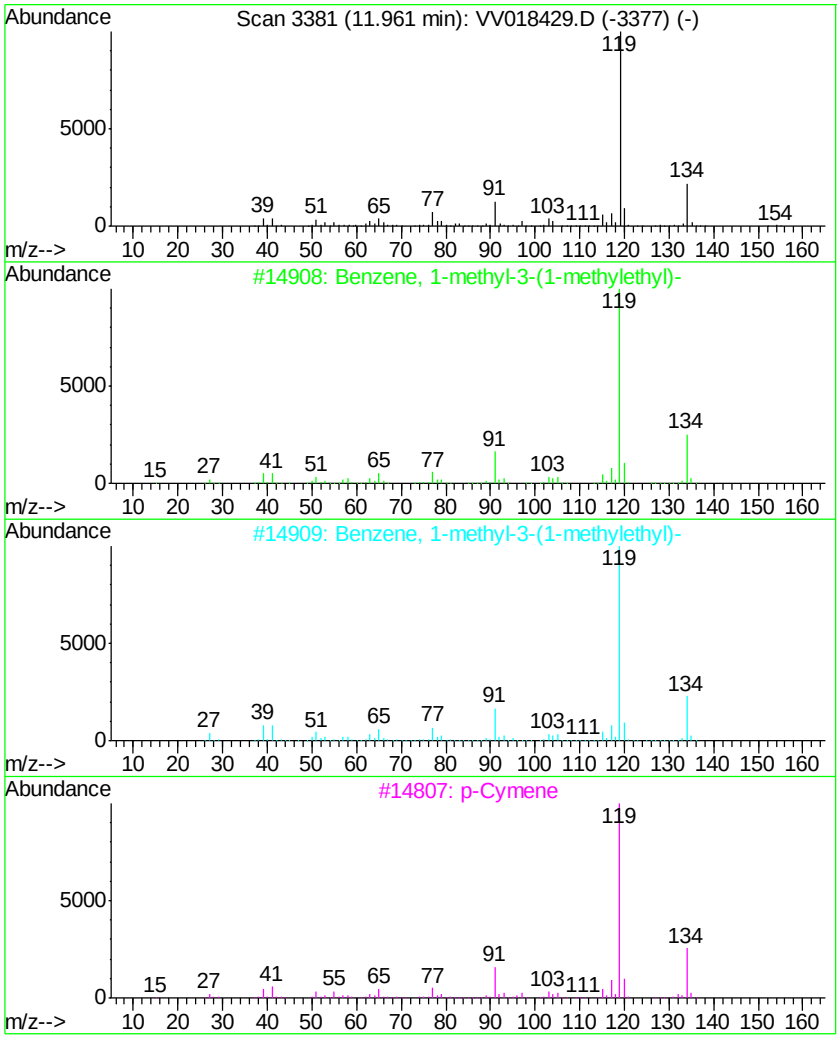
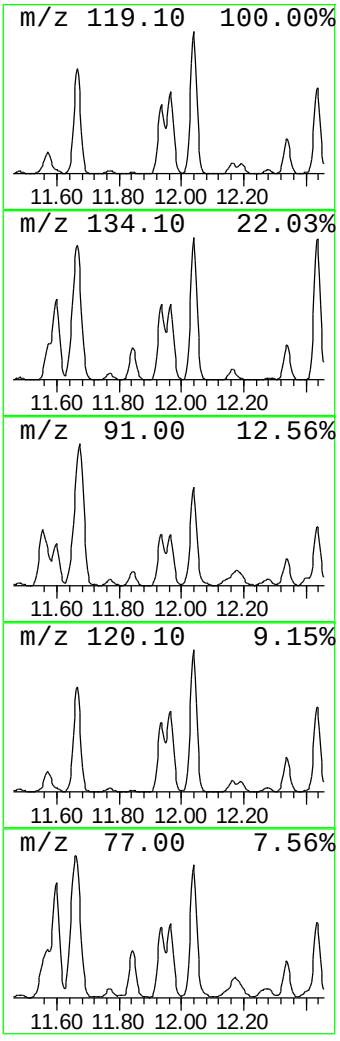
Peak Number 37 Benzene, 1-methyl-3-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	23.63 ug/L	754960	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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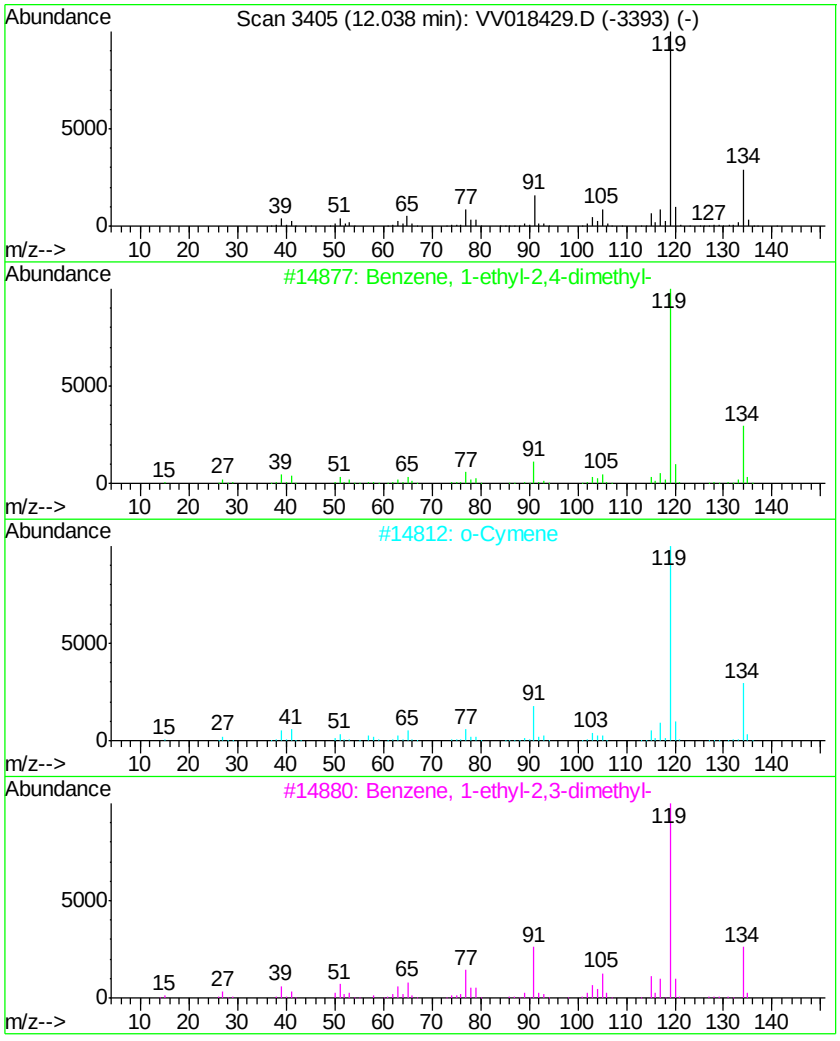
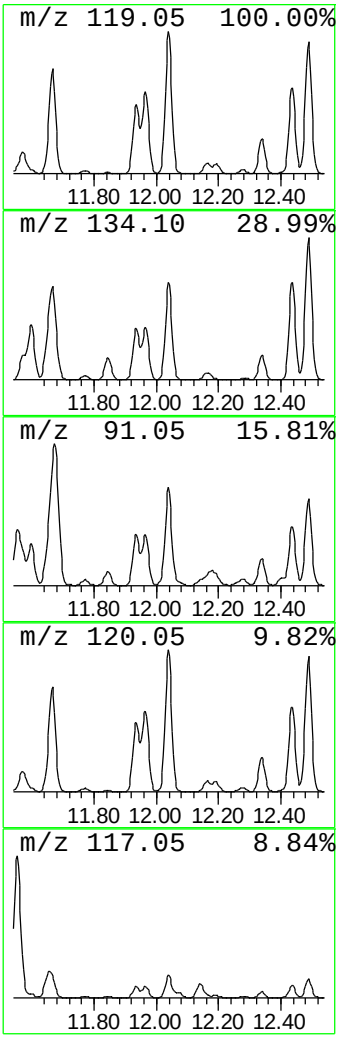
Peak Number 38 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	49.42 ug/L	1578610	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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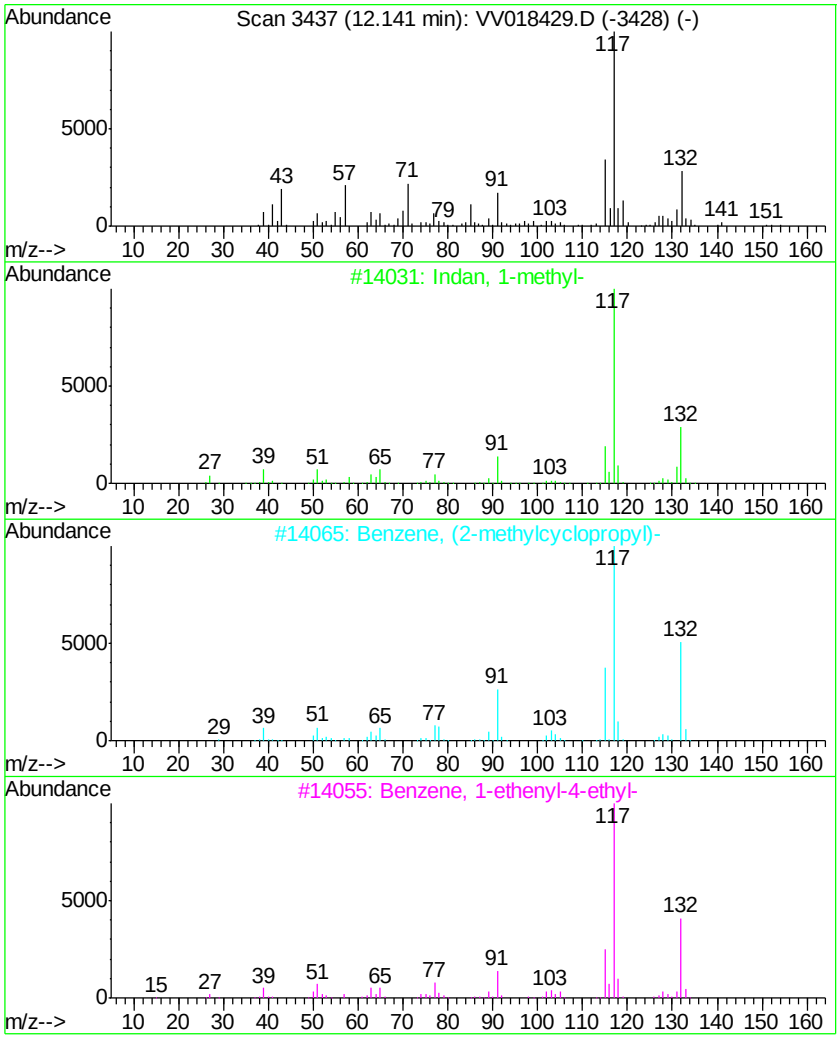
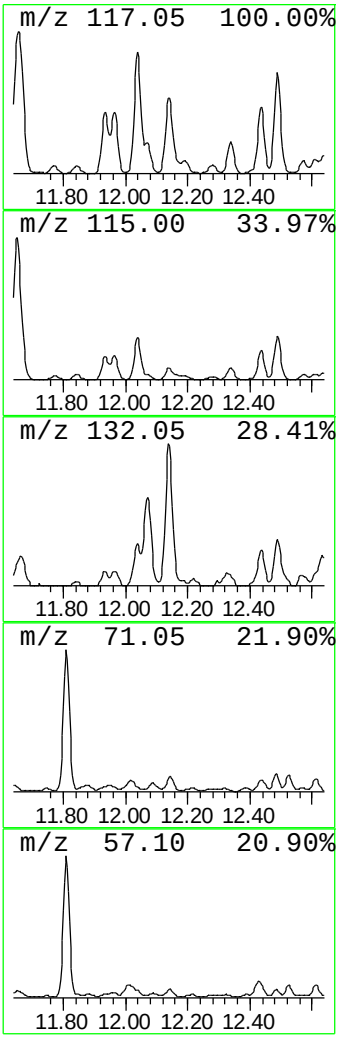
Peak Number 39 Indan, 1-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.19 ug/L	133739	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

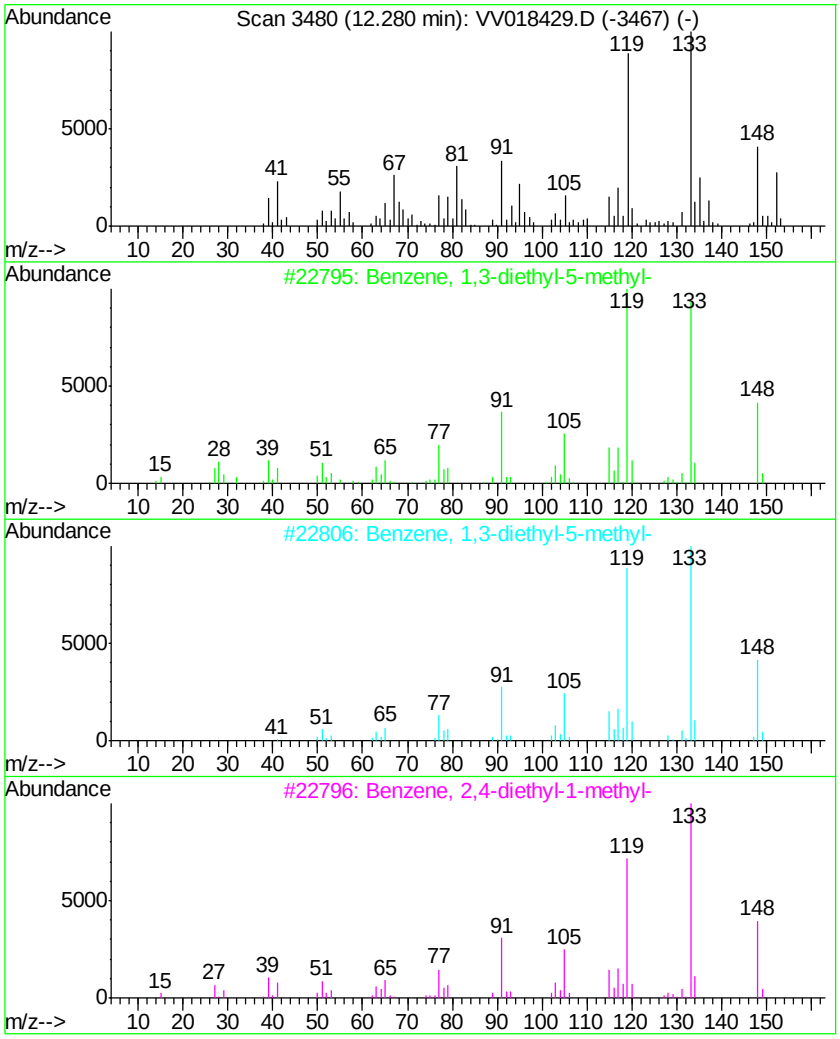
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

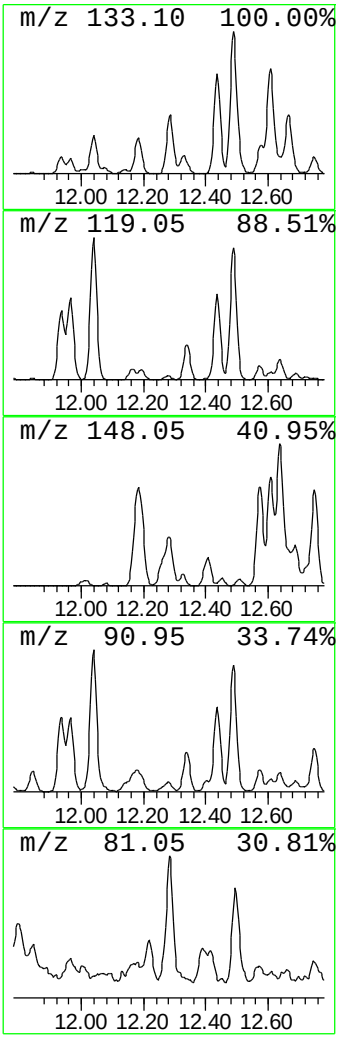
****

Peak Number 40 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	6.38 ug/L	203875	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	89
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	76
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

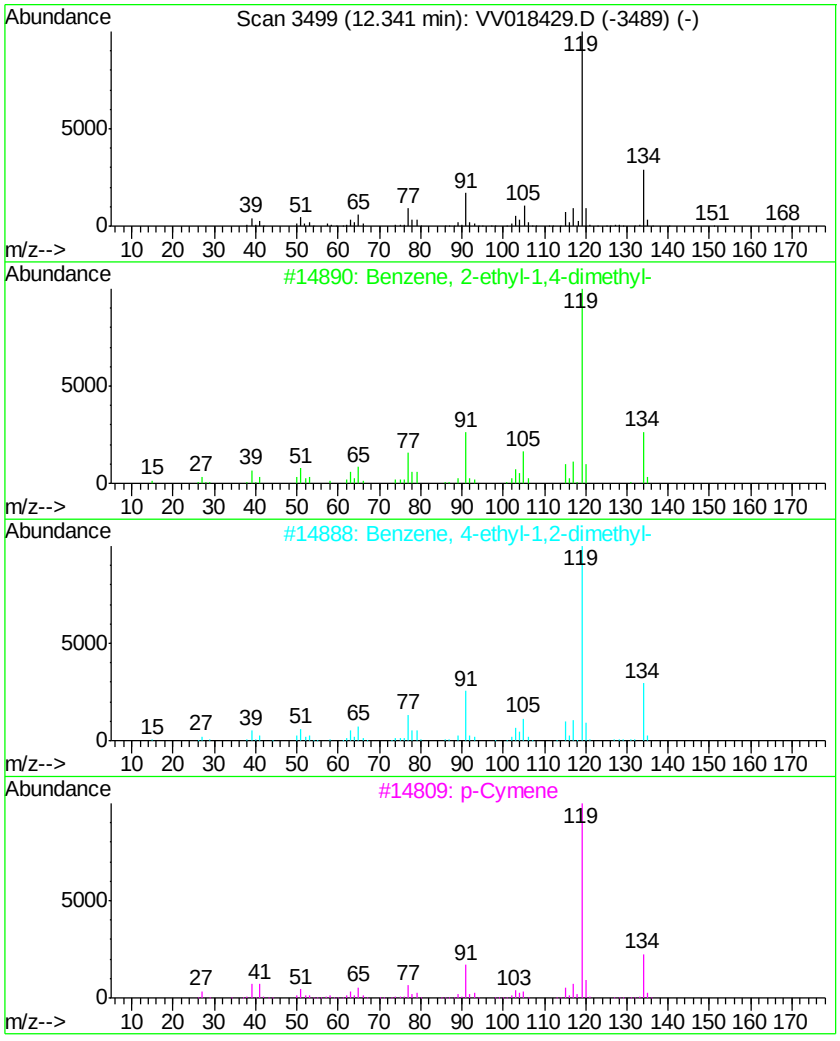
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

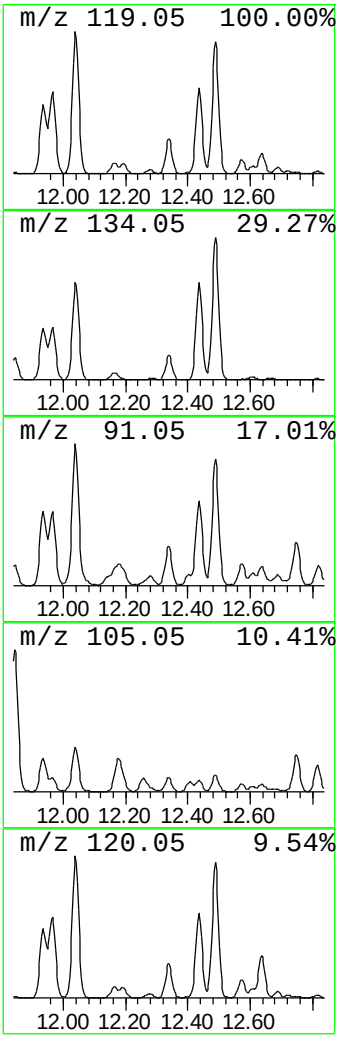
****

Peak Number 41 p-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	11.70 ug/L	373891	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

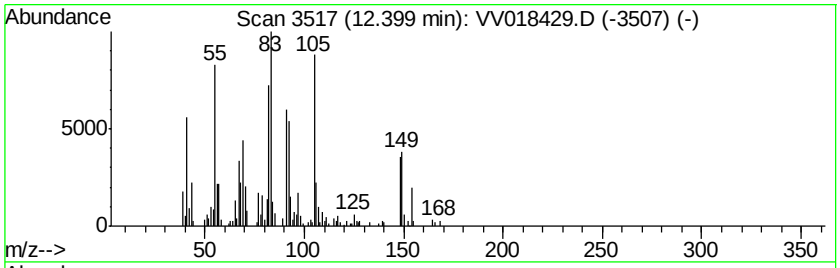
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

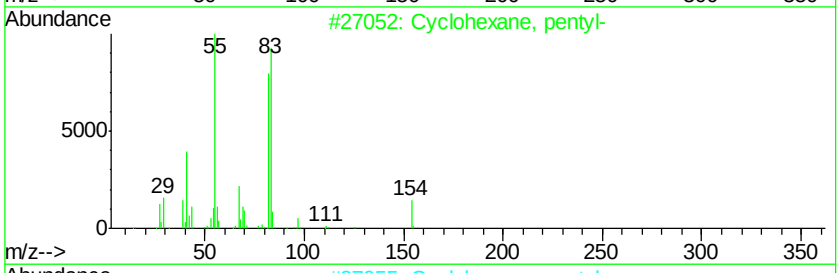
****

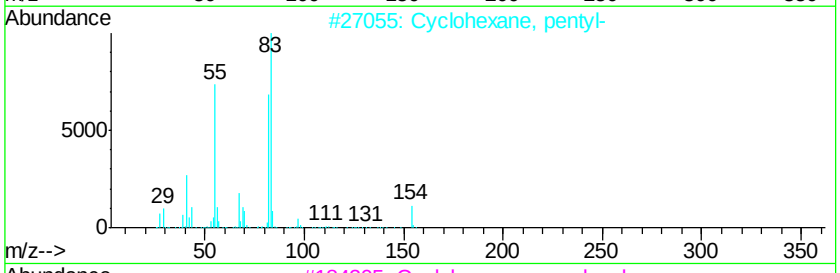
Peak Number 42 (DEL) Alkane: Cyclic12.40 Concentration Rank 54

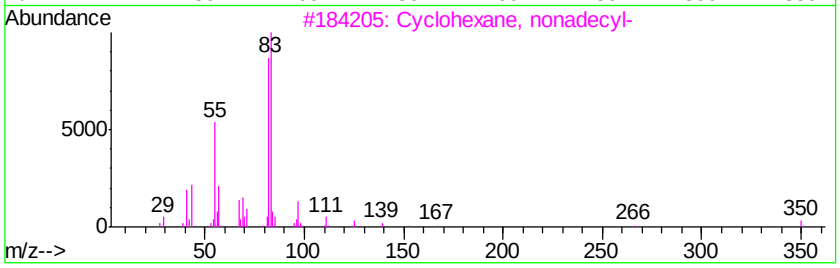
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.66 ug/L	116873	1,4-Dichlorobenzene-d4	11.27

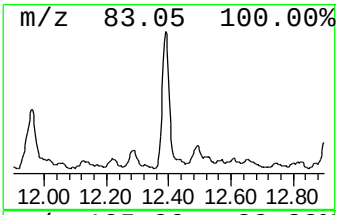
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
3	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	47
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46

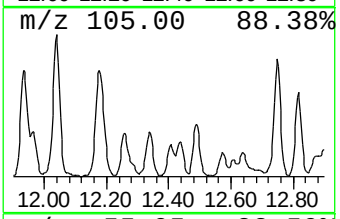


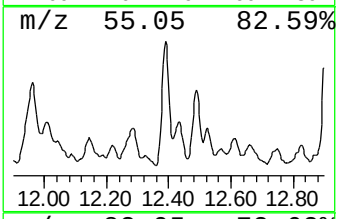


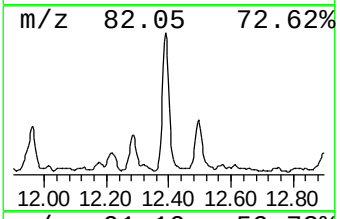


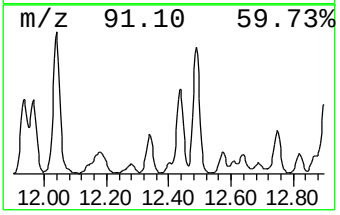












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

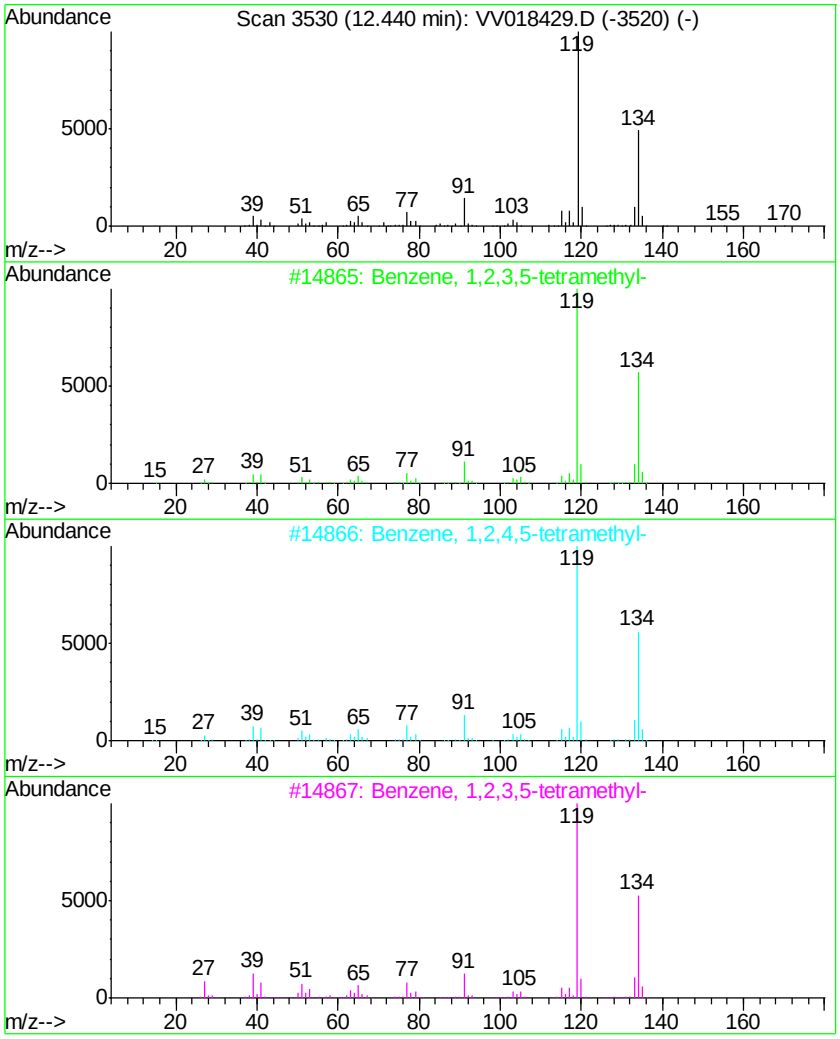
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

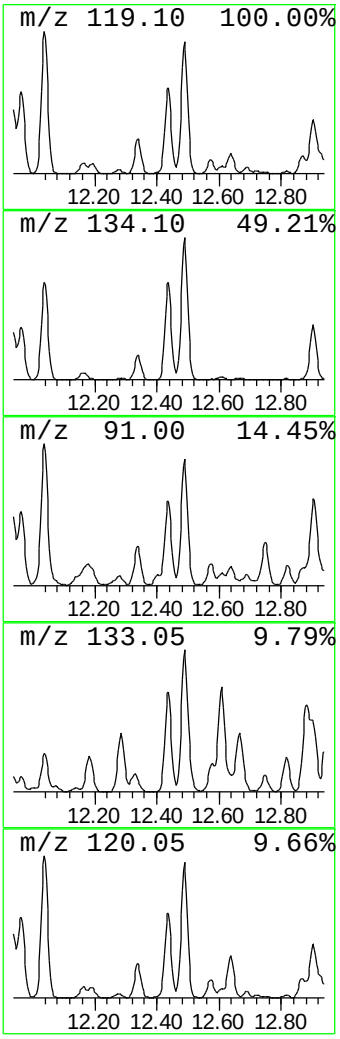
****

Peak Number 43 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	30.86 ug/L	985988	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

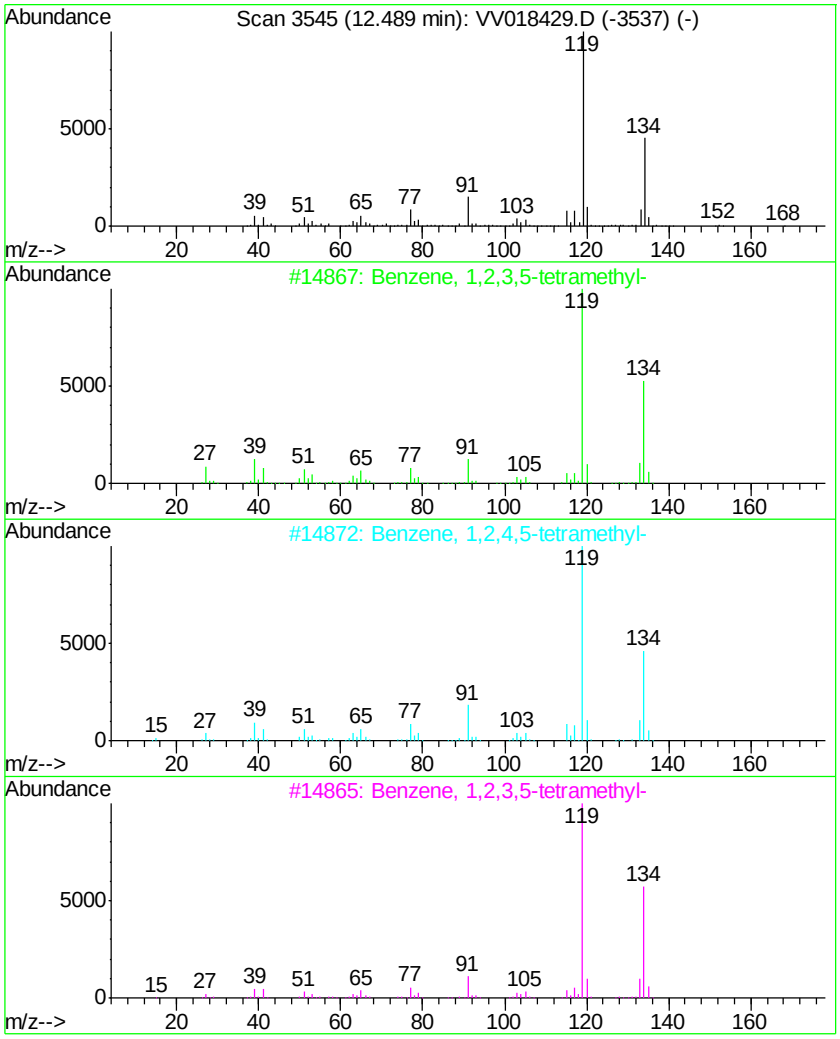
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

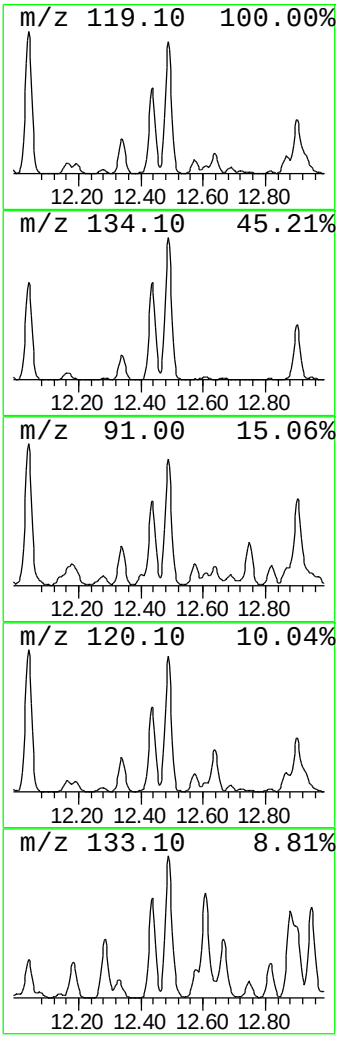
****

Peak Number 44 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	48.79 ug/L	1558600	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

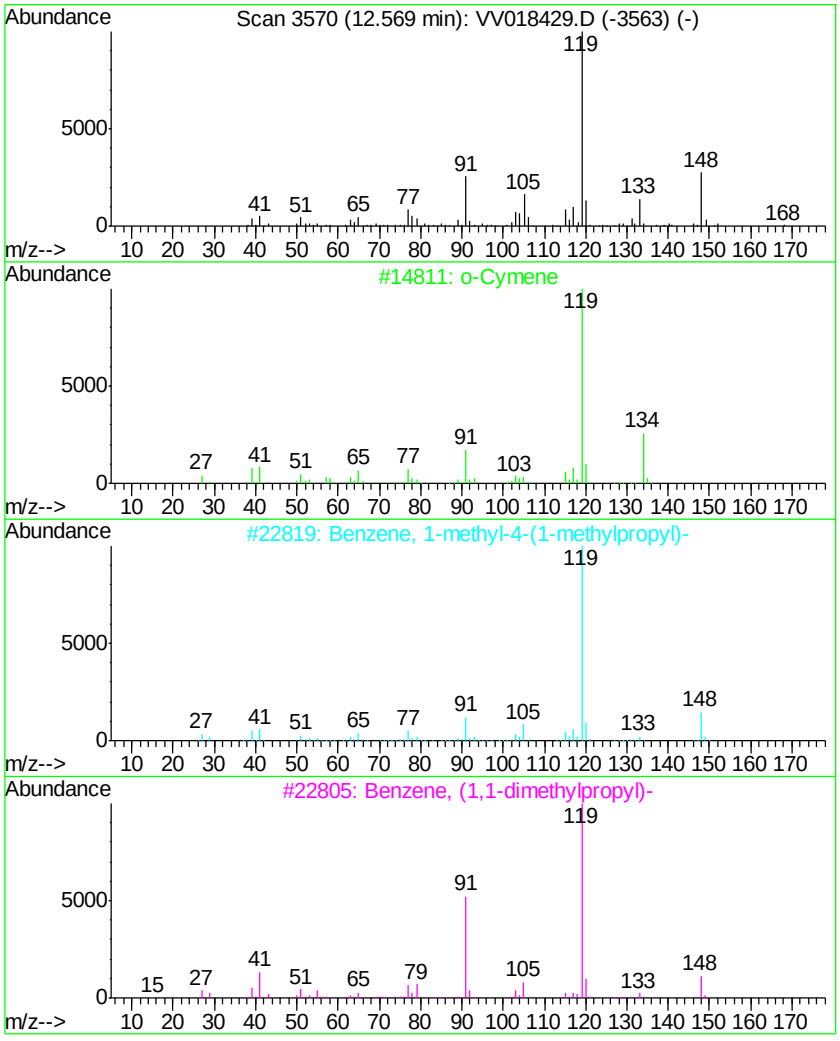
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

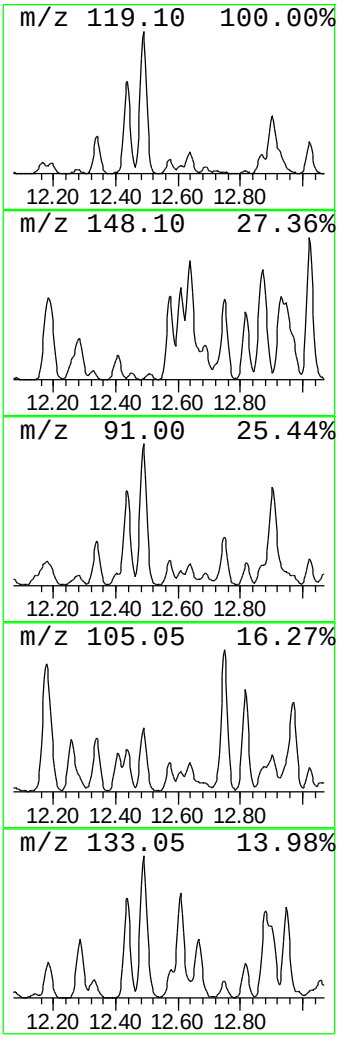
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-methyl-4-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.38 ug/L	171931	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	p-Cymene	134	C10H14	000099-87-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

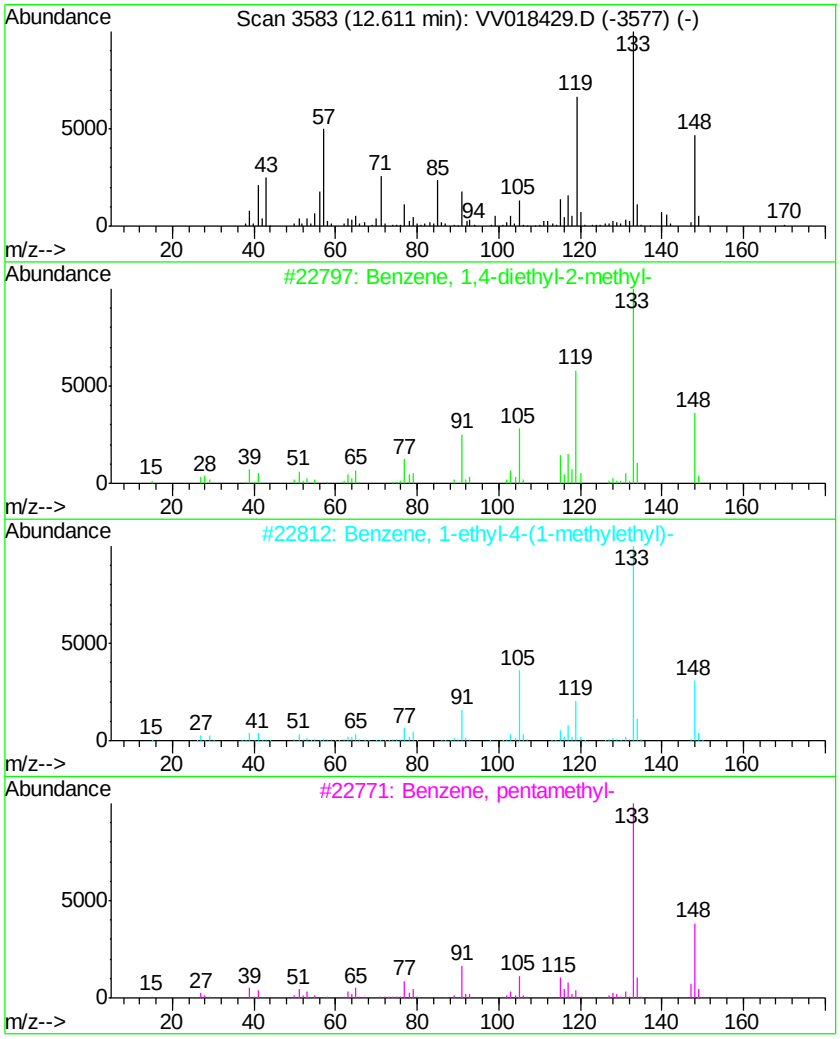
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

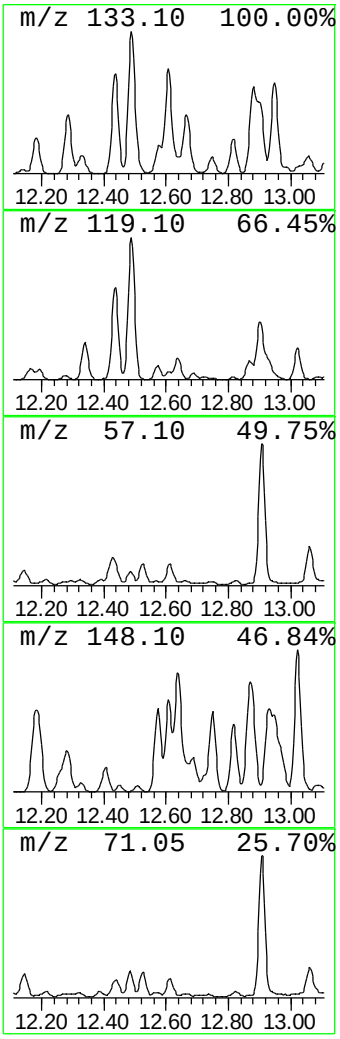
****

Peak Number 46 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	4.34 ug/L	138765	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	68
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

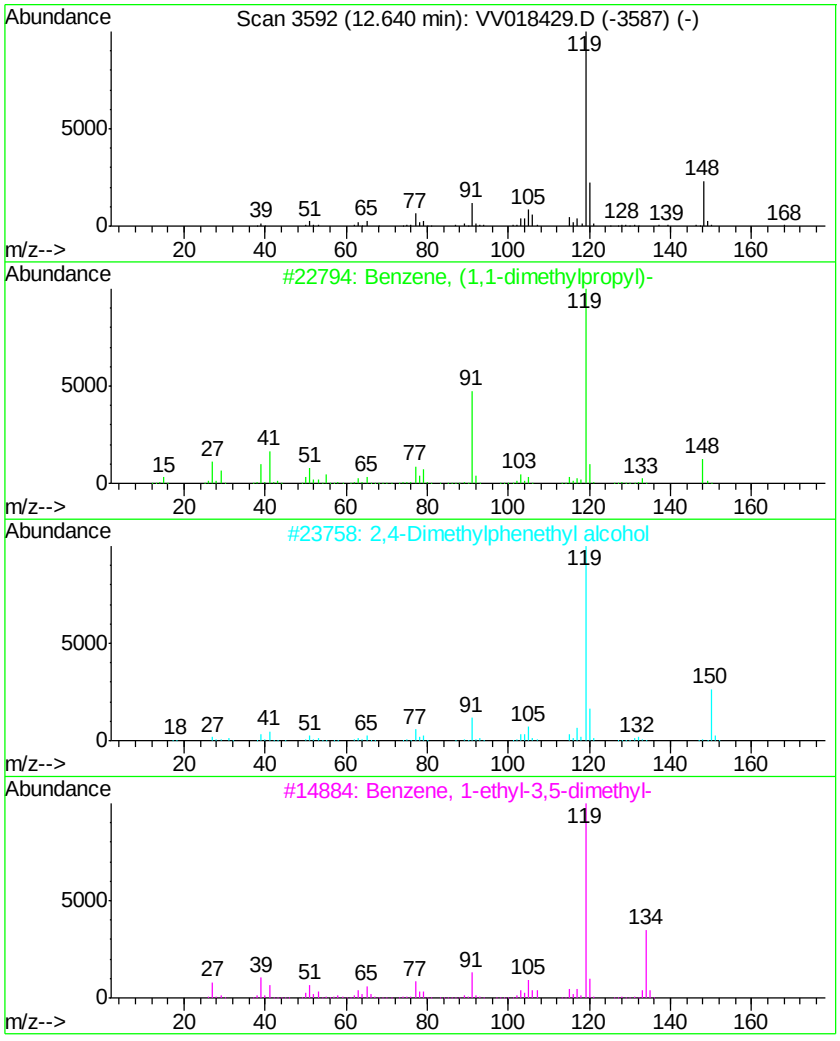
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

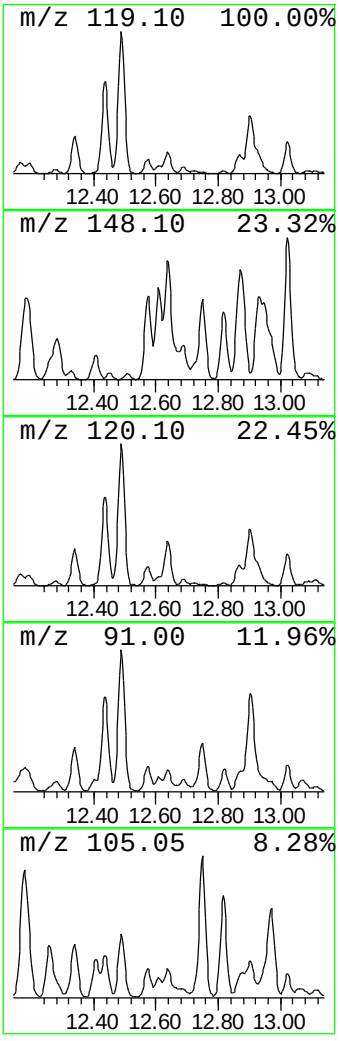
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, (1,1-dimethylpropyl)- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	4.58 ug/L	146297	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
2	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	59
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	53
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

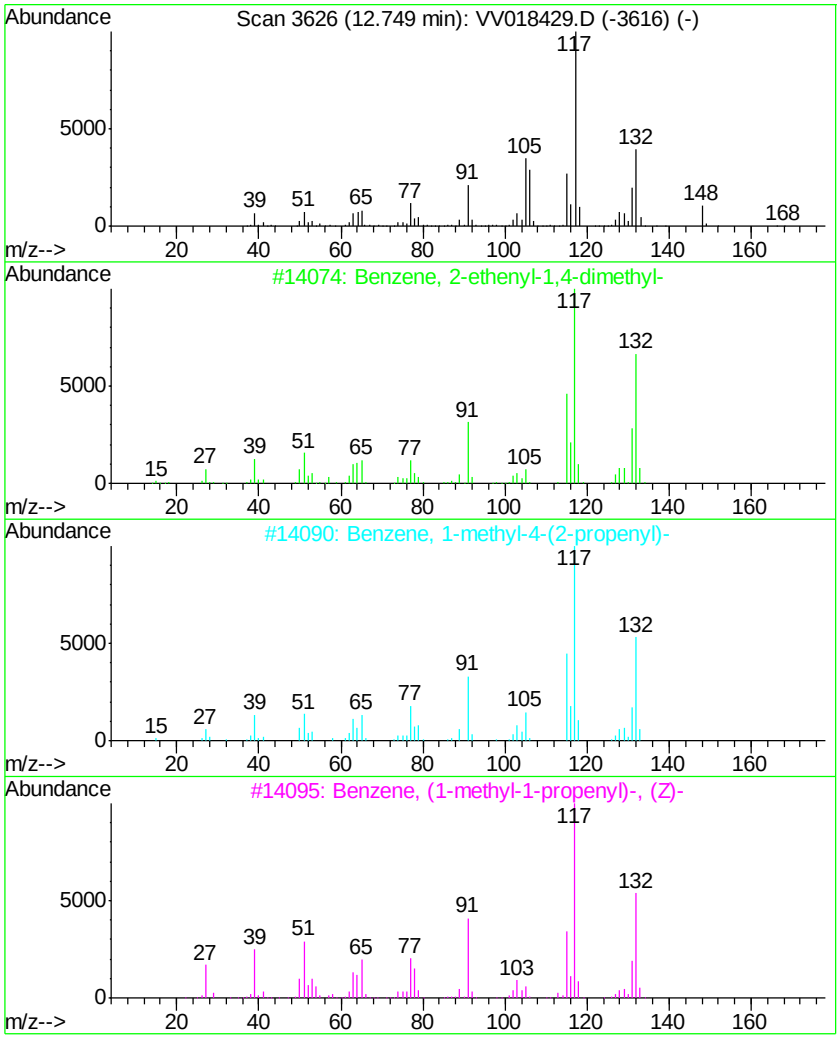
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

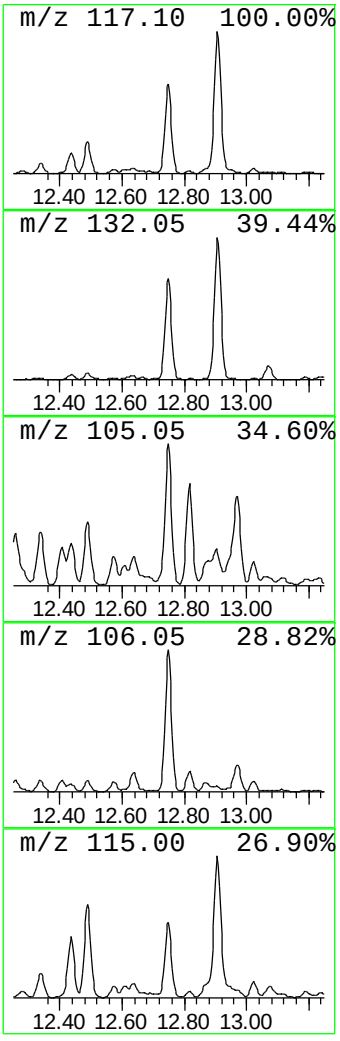
****

Peak Number 48 Benzene, 1-methyl-4-(2-prop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	17.14 ug/L	547567	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	89
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	78
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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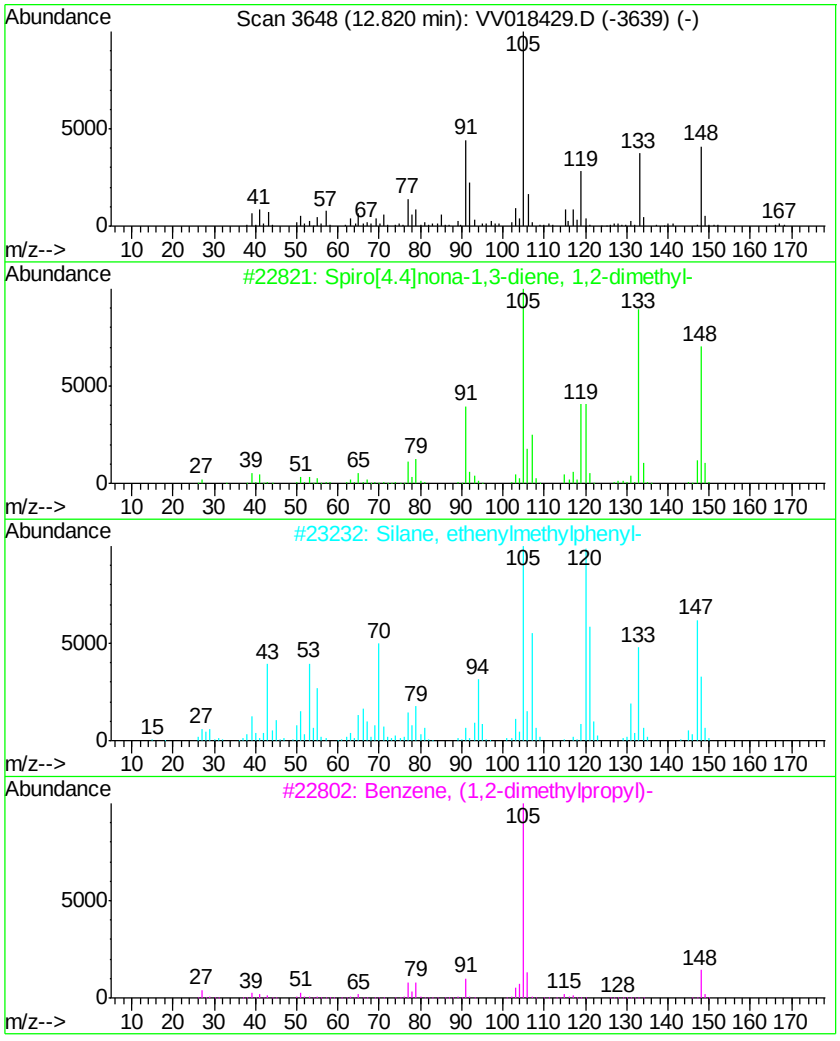
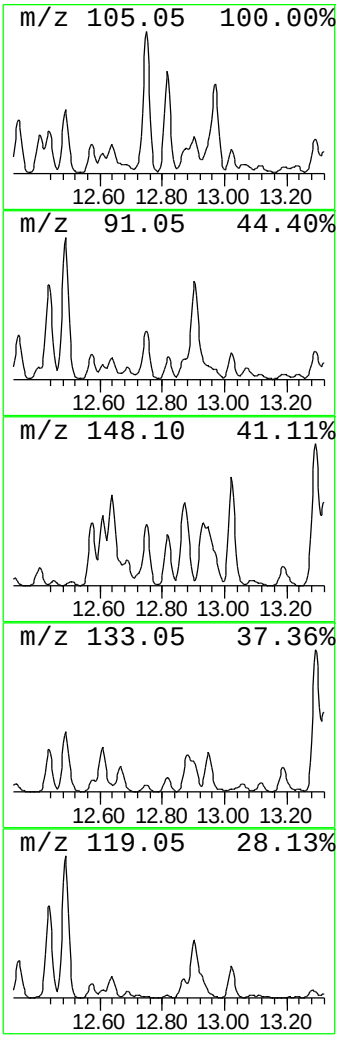
Peak Number 49 Spiro[4.4]nona-1,3-diene, 1... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	4.39 ug/L	140299	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	80
2	Silane, ethenylmethylphenyl-	148	C9H12Si	017878-39-6	43
3	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	43
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

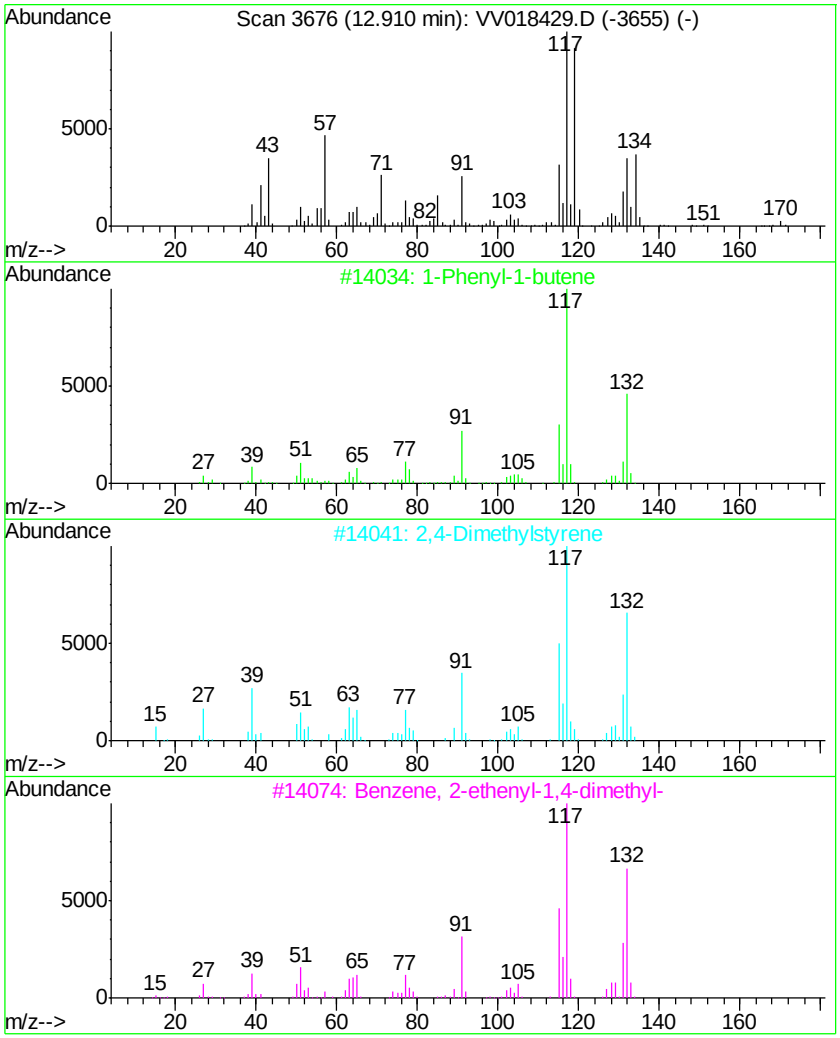
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

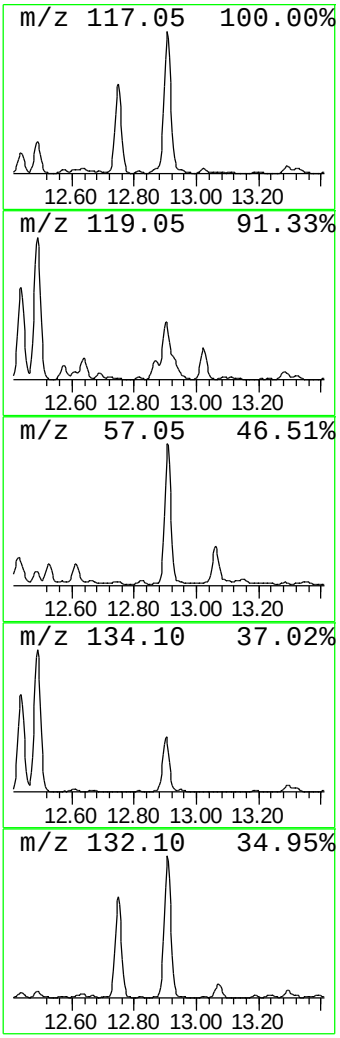
****

Peak Number 50 1-Phenyl-1-butene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	63.59 ug/L	2031480	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

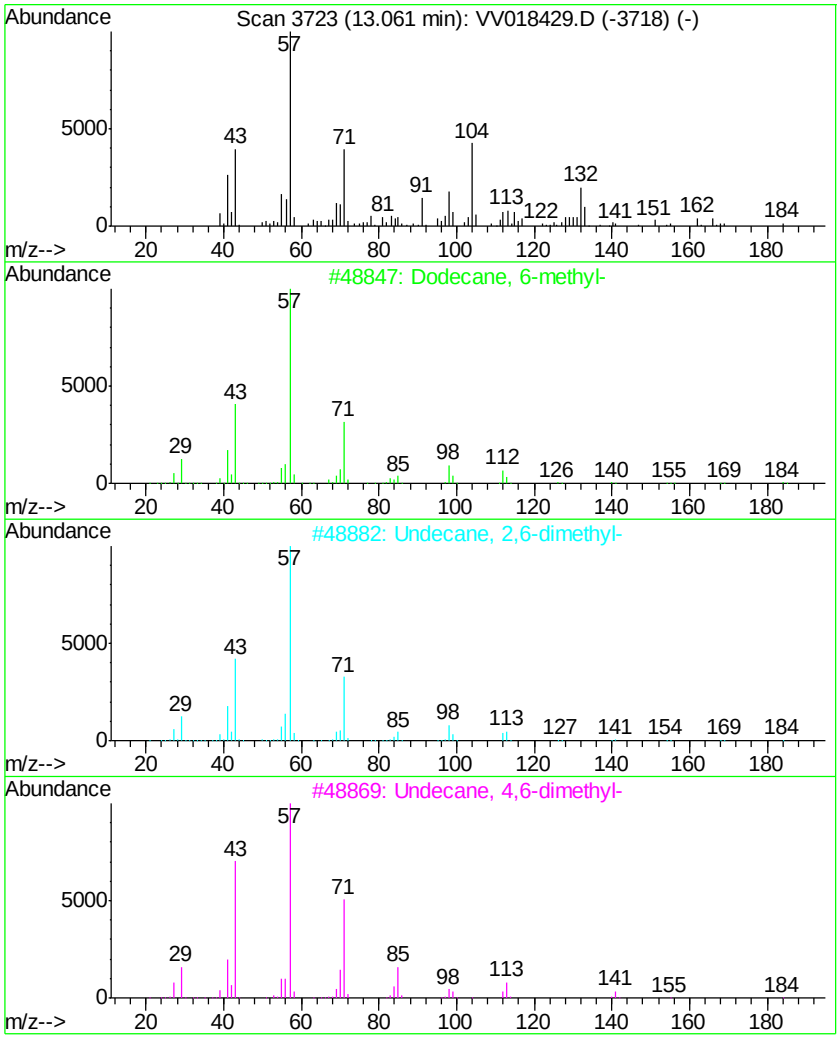
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

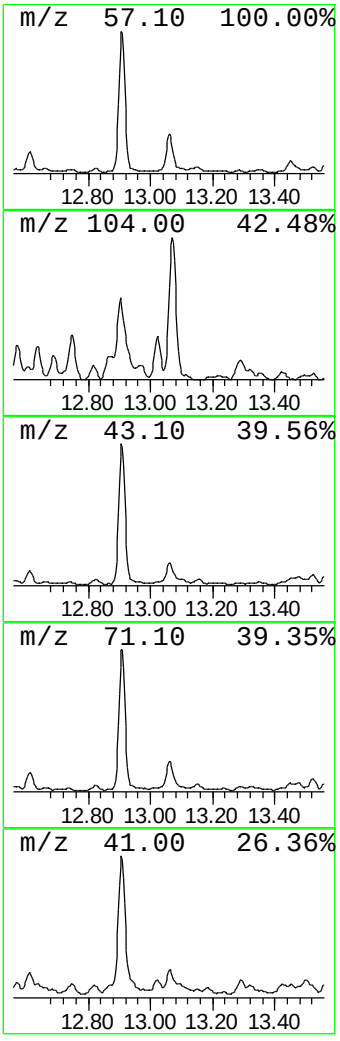
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.74 ug/L	119501	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	46
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	38
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

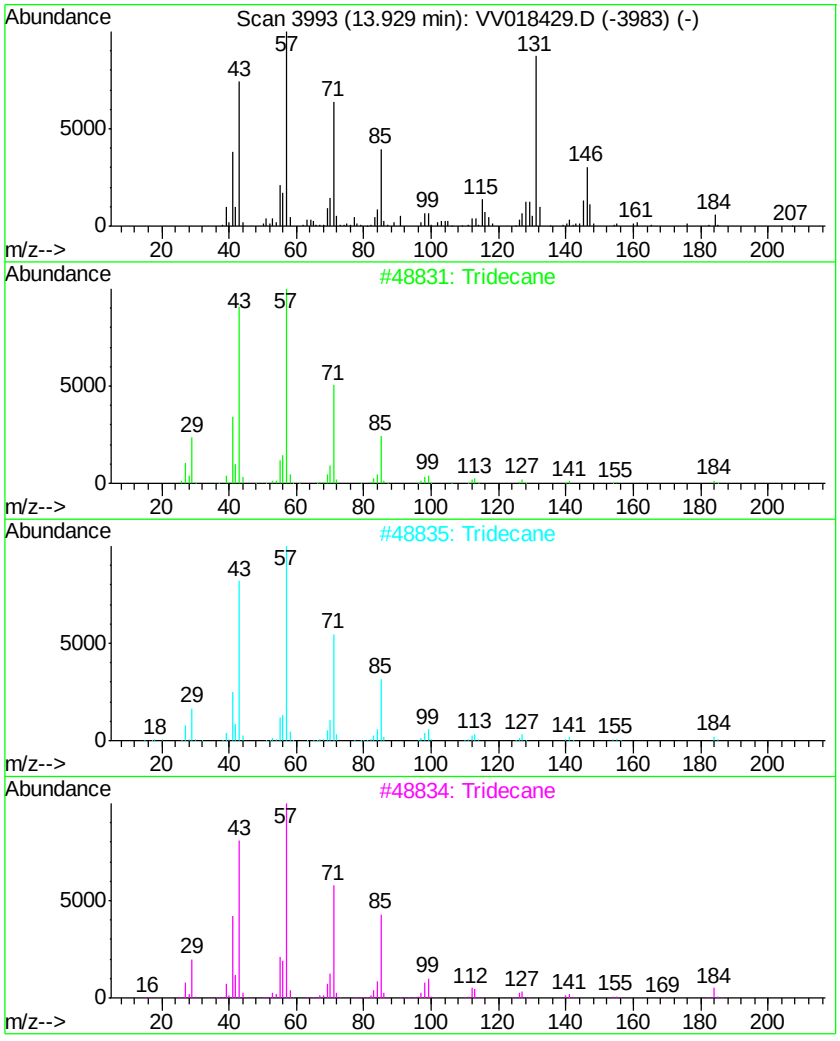
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

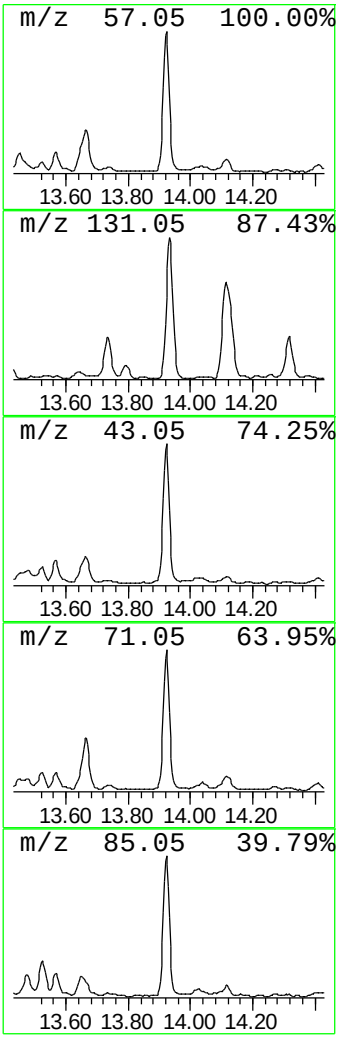
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	10.52 ug/L	336087	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Tridecane	184	C13H28	000629-50-5	89
4	Tetradecane	198	C14H30	000629-59-4	49
5	Tetradecane	198	C14H30	000629-59-4	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

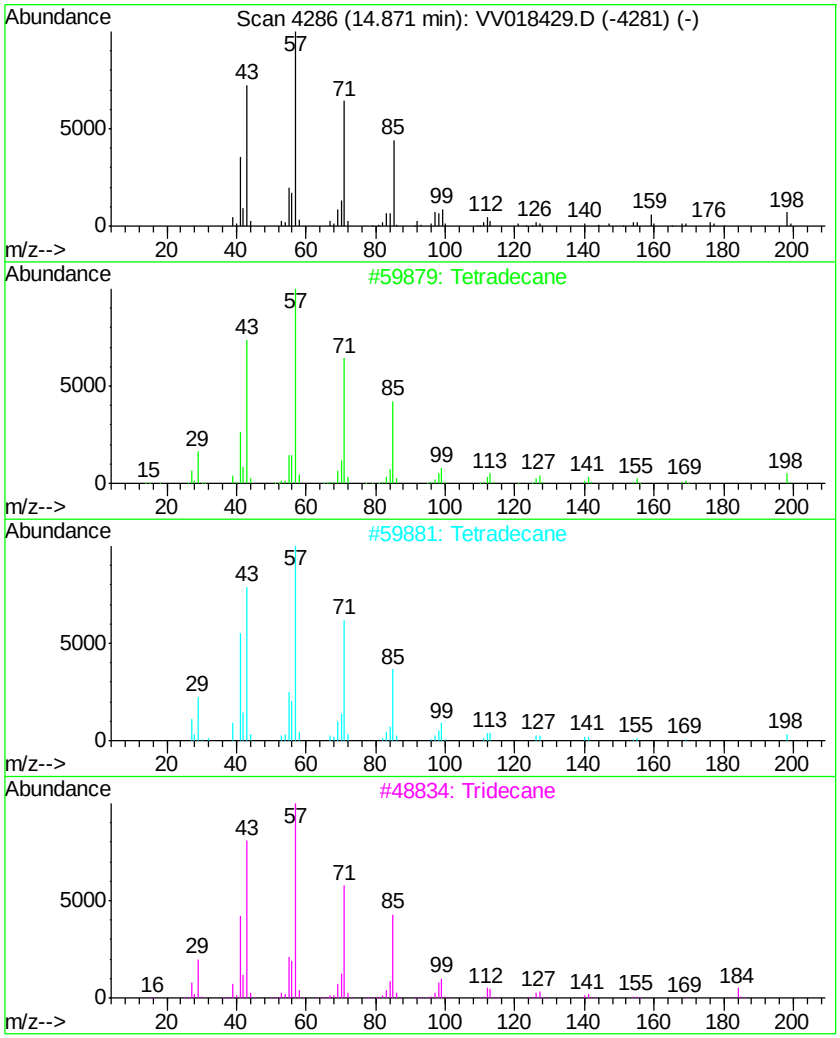
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

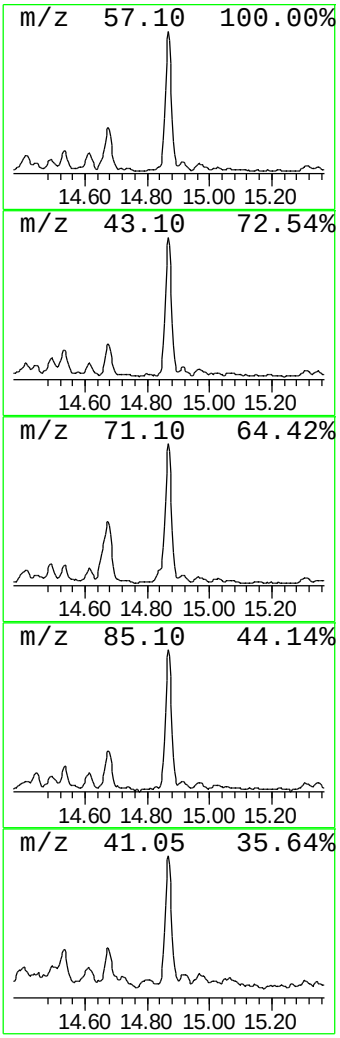
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.08 ug/L	98422	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tridecane	184	C13H28	000629-50-5	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tetradecane	198	C14H30	000629-59-4	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.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: Str...	2.53	472.3	ug/L	10042300	1	5.64	1063110	50.0
(DEL) Alkane: Str...	2.76	853.7	ug/L	18151500	1	5.64	1063110	50.0
(DEL) Alkane: Str...	3.05	2332.3	ug/L	49589800	1	5.64	1063110	50.0
(DEL) Alkane: Str...	3.23	4.7	ug/L	98987	1	5.64	1063110	50.0
(DEL) Alkane: Str...	3.28	7.6	ug/L	160906	1	5.64	1063110	50.0
(DEL) Alkane: Str...	3.37	4.9	ug/L	103798	1	5.64	1063110	50.0
(DEL) Alkane: Str...	3.46	3.0	ug/L	63471	1	5.64	1063110	50.0
(DEL) Alkane: Str...	3.55	77.1	ug/L	1639890	1	5.64	1063110	50.0
(DEL) Alkane: Str...	3.68	43.8	ug/L	931106	1	5.64	1063110	50.0
(DEL) Alkane: Cyc...	3.78	598.5	ug/L	12725500	1	5.64	1063110	50.0
Cyclopentene, 1-m...	4.47	6.0	ug/L	127070	1	5.64	1063110	50.0
(DEL) Alkane: Str...	4.93	4.8	ug/L	102991	1	5.64	1063110	50.0
(DEL) Alkane: Str...	5.51	4.5	ug/L	96766	1	5.64	1063110	50.0
2,4,4-Trimethyl-1...	7.28	2.6	ug/L	70549	2	8.87	1372320	50.0
(DEL) Alkane: Str...	9.22	5.8	ug/L	160452	2	8.87	1372320	50.0
(DEL) Alkane: Cyc...	9.82	3.2	ug/L	88392	2	8.87	1372320	50.0
(DEL) Alkane: Str...	10.14	4.6	ug/L	145615	3	11.27	1597260	50.0
Benzene, propyl-	10.38	84.1	ug/L	2685720	3	11.27	1597260	50.0
Benzene, 1-ethyl-...	10.47	422.4	ug/L	13492100	3	11.27	1597260	50.0
Benzene, 1,2,3-tr...	10.56	156.2	ug/L	4991270	3	11.27	1597260	50.0
4-Heptanone, 2,6-...	10.72	122.7	ug/L	3918860	3	11.27	1597260	50.0
Benzene, 1-ethyl-...	10.76	107.4	ug/L	3429770	3	11.27	1597260	50.0
Mesitylene	10.94	467.4	ug/L	14932800	3	11.27	1597260	50.0
2-Heptanone, 4,6-...	11.05	4.6	ug/L	147252	3	11.27	1597260	50.0
Benzene, (2-methy...	11.08	3.3	ug/L	105815	3	11.27	1597260	50.0
Benzene, 1-methyl...	11.11	4.2	ug/L	132764	3	11.27	1597260	50.0
(DEL) Alkane: Cyc...	11.17	3.7	ug/L	118887	3	11.27	1597260	50.0
o-Cymene	11.22	7.0	ug/L	225161	3	11.27	1597260	50.0
Benzene, 1,2,4-tr...	11.36	110.3	ug/L	3522440	3	11.27	1597260	50.0
(DEL) Alkane: Str...	11.49	3.3	ug/L	105745	3	11.27	1597260	50.0
Indane	11.55	40.2	ug/L	1285140	3	11.27	1597260	50.0
Benzene, 1-methyl...	11.60	26.1	ug/L	834426	3	11.27	1597260	50.0
(DEL) Alkane: Str...	11.81	19.6	ug/L	625890	3	11.27	1597260	50.0
Benzene, 1-methyl...	11.84	12.3	ug/L	392293	3	11.27	1597260	50.0
Benzene, 2-ethyl-...	11.94	24.3	ug/L	776179	3	11.27	1597260	50.0
Benzene, 1-methyl...	11.96	23.6	ug/L	754960	3	11.27	1597260	50.0
Benzene, 1-ethyl-...	12.04	49.4	ug/L	1578610	3	11.27	1597260	50.0
Indan, 1-methyl-	12.14	4.2	ug/L	133739	3	11.27	1597260	50.0
Benzene, 1,3-diet...	12.28	6.4	ug/L	203875	3	11.27	1597260	50.0
p-Cymene	12.34	11.7	ug/L	373891	3	11.27	1597260	50.0
(DEL) Alkane: Cyc...	12.40	3.7	ug/L	116873	3	11.27	1597260	50.0
Benzene, 2-ethyl-...	12.44	30.9	ug/L	985988	3	11.27	1597260	50.0
unknown-01	12.49	48.8	ug/L	1558600	3	11.27	1597260	50.0
Benzene, 1-methyl...	12.57	5.4	ug/L	171931	3	11.27	1597260	50.0
Benzene, 1,4-diet...	12.61	4.3	ug/L	138765	3	11.27	1597260	50.0
Benzene, (1,1-dim...	12.64	4.6	ug/L	146297	3	11.27	1597260	50.0
Benzene, 1-methyl...	12.75	17.1	ug/L	547567	3	11.27	1597260	50.0
Spiro[4.4]nona-1,...	12.82	4.4	ug/L	140299	3	11.27	1597260	50.0
1-Phenyl-1-butene	12.91	63.6	ug/L	2031480	3	11.27	1597260	50.0

(DEL) Alkane: Str...	13.06	3.7	ug/L	119501	3	11.27	1597260	50.0	
(DEL) Alkane: Str...	13.93	10.5	ug/L	336087	3	11.27	1597260	50.0	
(DEL) Alkane: Str...	14.87	3.1	ug/L	98422	3	11.27	1597260	50.0	

Instrument :
MSVOA_V
ClientSampleId :
BG3W9ME