LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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	1.316	62	70	83	rBV	182855	187721	2.88%	0.330%
2	1.579	143	152	166	rBV	150488	177451	2.72%	0.312%
3	2.116	308	319	363	rVB	316618	489045	7.50%	0.861%
4	2.544	428	452	470	rVV	102970	213655	3.28%	0.376%
5	2.775	509	524	546	rBV	196843	395225	6.06%	0.695%
6	3.055	593	611	640	rBV	574681	1141904	17.51%	2.009%
7	3.560	752	768	794	rBV3	13970	43329	0.66%	0.076%
8	3.785	821	838	861	rVB	137886	345074	5.29%	0.607%
9	3.920	869	880	914	rBV2	80725	255657	3.92%	0.450%
10	4.373	1004	1021	1051	rBV	201239	494863	7.59%	0.871%
11	4.698	1113	1122	1139	rVB2	15783	38651	0.59%	0.068%
12	5.068	1220	1237	1268	rBV2	501548	1276754	19.57%	2.247%
13	5.640	1402	1415	1447	rBV	410537	817095	12.53%	1.438%
14	6.093	1542	1556	1586	rBV	282746	577548	8.85%	1.016%
15	6.939	1805	1819	1827	rBV	36875	64258	0.99%	0.113%
16	7.007	1829	1840	1860	rVV	169360	311207	4.77%	0.548%
17	7.100	1860	1869	1889	rVB2	27300	53954	0.83%	0.095%
18	7.283	1914	1926	1932	rBV2	70601	126848	1.94%	0.223%
19	7.335	1932	1942	1955	rVV	615631	1070204	16.41%	1.883%
20	7.409	1955	1965	1978	rVV	336176	553186	8.48%	0.973%
21	7.589	2011	2021	2029	rBV	107363	163871	2.51%	0.288%
22	7.640	2029	2037	2045	rBV	112386	187560	2.88%	0.330%
23	8.109	2165	2183	2211	rBV	303608	593280	9.09%	1.044%
24	8.312	2236	2246	2256	rVB	45507	75577	1.16%	0.133%
25	8.688	2353	2363	2376	rVB2	43391	75319	1.15%	0.133%
26	8.807	2389	2400	2410	rBV	34554	57991	0.89%	0.102%
27	8.871	2410	2420	2440	rBV	633127	1013585	15.54%	1.784%
28	9.032	2457	2470	2482	rBV	157207	254135	3.90%	0.447%
29	9.158	2491	2509	2521	rBV	668115	1120302	17.17%	1.971%
30	9.222	2521	2529	2555	rVB	230314	357362	5.48%	0.629%
31	9.495	2600	2614	2625	rBV5	57520	110408	1.69%	0.194%
32	9.563	2626	2635	2656	rBV	282328	481060	7.37%	0.847%
33	9.730	2679	2687	2697	rVB2	96735	150910	2.31%	0.266%
34	9.820	2697	2715	2724	rBV3	95334	208874	3.20%	0.368%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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	9.868	2725	2730	2742	rVB	42757	68910	1.06%	0.121%
36	9.952	2742	2756	2765	rBV	170118	284190	4.36%	0.500%
37	10.035	2775	2782	2791	rBV3	61684	95736	1.47%	0.168%
38	10.106	2791	2804	2808	rBV2	114726	205667	3.15%	0.362%
39	10.135	2808	2813	2826	rVB	179476	274469	4.21%	0.483%
40	10.238	2826	2845	2863	rBV	560058	995535	15.26%	1.752%
41	10.373	2876	2887	2898	rBV	778962	1182651	18.13%	2.081%
42	10.470	2905	2917	2933	rBV	2728788	5825459	89.30%	10.251%
43	10.560	2935	2945	2951	rVV	1546572	2380097	36.49%	4.188%
44	10.598	2951	2957	2978	rVB	1092747	1583710	24.28%	2.787%
45	10.714	2979	2993	2999	rBV	409005	627839	9.62%	1.105%
46	10.759	2999	3007	3025	rVB	1027006	1641891	25.17%	2.889%
47	10.855	3031	3037	3043	rVB4	54069	65356	1.00%	0.115%
48	10.900	3043	3051	3052	rBV	196853	209131	3.21%	0.368%
49	10.936	3053	3062	3074	rVB	4440086	6523149	100.00%	11.479%
50	11.055	3089	3099	3103	rBV3	93602	154052	2.36%	0.271%
51	11.174	3128	3136	3143	rBV2	144772	224904	3.45%	0.396%
52	11.215	3143	3149	3157	rVV3	152206	223805	3.43%	0.394%
53	11.270	3157	3166	3175	rVV2	809585	1249159	19.15%	2.198%
54	11.315	3175	3180	3185	rVV2	162336	228242	3.50%	0.402%
55	11.357	3185	3193	3201	rVV	1255520	1898302	29.10%	3.340%
56	11.392	3201	3204	3214	rVV	215490	260548	3.99%	0.458%
57	11.444	3215	3220	3225	rVV5	30672	39250	0.60%	0.069%
58	11.482	3225	3232	3242	rVB2	215592	312082	4.78%	0.549%
59	11.553	3243	3254	3261	rBV2	307906	637975	9.78%	1.123%
60	11.595	3262	3267	3273	rVV	386461	548454	8.41%	0.965%
61	11.650	3274	3284	3301	rVB4	1105830	2432380	37.29%	4.280%
62	11.810	3324	3334	3341	rBV	1047975	1489203	22.83%	2.621%
63	11.932	3363	3372	3376	rBV	334672	490927	7.53%	0.864%
64	11.961	3376	3381	3389	rVV	439568	612505	9.39%	1.078%
65	12.035	3391	3404	3428	rVB	570721	1136403	17.42%	2.000%
66	12.145	3429	3438	3440	rBV2	122360	167222	2.56%	0.294%
67	12.280	3467	3480	3488	rBV5	176212	389858	5.98%	0.686%
68	12.334	3488	3497	3506	rVB3	190207	325974	5.00%	0.574%
69	12.392	3506	3515	3520	rBV2	188233	320839	4.92%	0.565%
70	12.434	3521	3528	3536	rVB	429024	629866	9.66%	1.108%
71	12.489	3536	3545	3554	rBV	665366	992736	15.22%	1.747%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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	12.572	3563	3571	3577	rBV2	106563	160690	2.46%	0.283%
73	12.608	3577	3582	3587	rBV3	71520	84415	1.29%	0.149%
74	12.746	3618	3625	3639	rVB	235407	364592	5.59%	0.642%
75	12.817	3639	3647	3655	rBV3	90704	141153	2.16%	0.248%
76	12.868	3655	3663	3665	rBV2	87361	105269	1.61%	0.185%
77	12.907	3666	3675	3692	rVB2	744261	1270074	19.47%	2.235%
78	13.022	3704	3711	3717	rBV	105407	140304	2.15%	0.247%
79	13.064	3718	3724	3735	rVV7	90821	189170	2.90%	0.333%
80	13.186	3754	3762	3770	rBV3	58997	86150	1.32%	0.152%
81	13.238	3771	3778	3785	rVB3	43145	61662	0.95%	0.109%
82	13.289	3785	3794	3801	rBV4	184058	309114	4.74%	0.544%
83	13.421	3831	3835	3849	rVB2	72816	114429	1.75%	0.201%
84	13.524	3850	3867	3876	rBV	607244	1062772	16.29%	1.870%
85	13.640	3895	3903	3909	rBV5	43603	78797	1.21%	0.139%
86	13.733	3925	3932	3944	rBV5	39131	90493	1.39%	0.159%
87	13.926	3984	3992	4008	rVB3	111423	226261	3.47%	0.398%
88	14.129	4041	4055	4066	rBV7	125096	276305	4.24%	0.486%
89	14.257	4089	4095	4104	rBV3	33416	49877	0.76%	0.088%
90	14.389	4127	4136	4147	rBV4	41525	71330	1.09%	0.126%
91	14.456	4148	4157	4169	rBV3	70843	142390	2.18%	0.251%
92	14.656	4207	4219	4229	rBV	289978	506087	7.76%	0.891%
93	14.788	4254	4260	4267	rBV4	32465	51548	0.79%	0.091%
94	14.839	4268	4276	4291	rVB	146350	269765	4.14%	0.475%
95	15.582	4500	4507	4513	rBV4	41926	66689	1.02%	0.117%
96	15.691	4528	4541	4552	rBV	122472	236158	3.62%	0.416%
97	15.836	4578	4586	4593	rBV	120231	183194	2.81%	0.322%
98	15.874	4593	4598	4613	rVB2	78937	135720	2.08%	0.239%
99	16.067	4652	4658	4672	rVB2	26069	43073	0.66%	0.076%
100	16.337	4728	4742	4753	rBV	55752	98052	1.50%	0.173%

Sum of corrected areas: 56827872

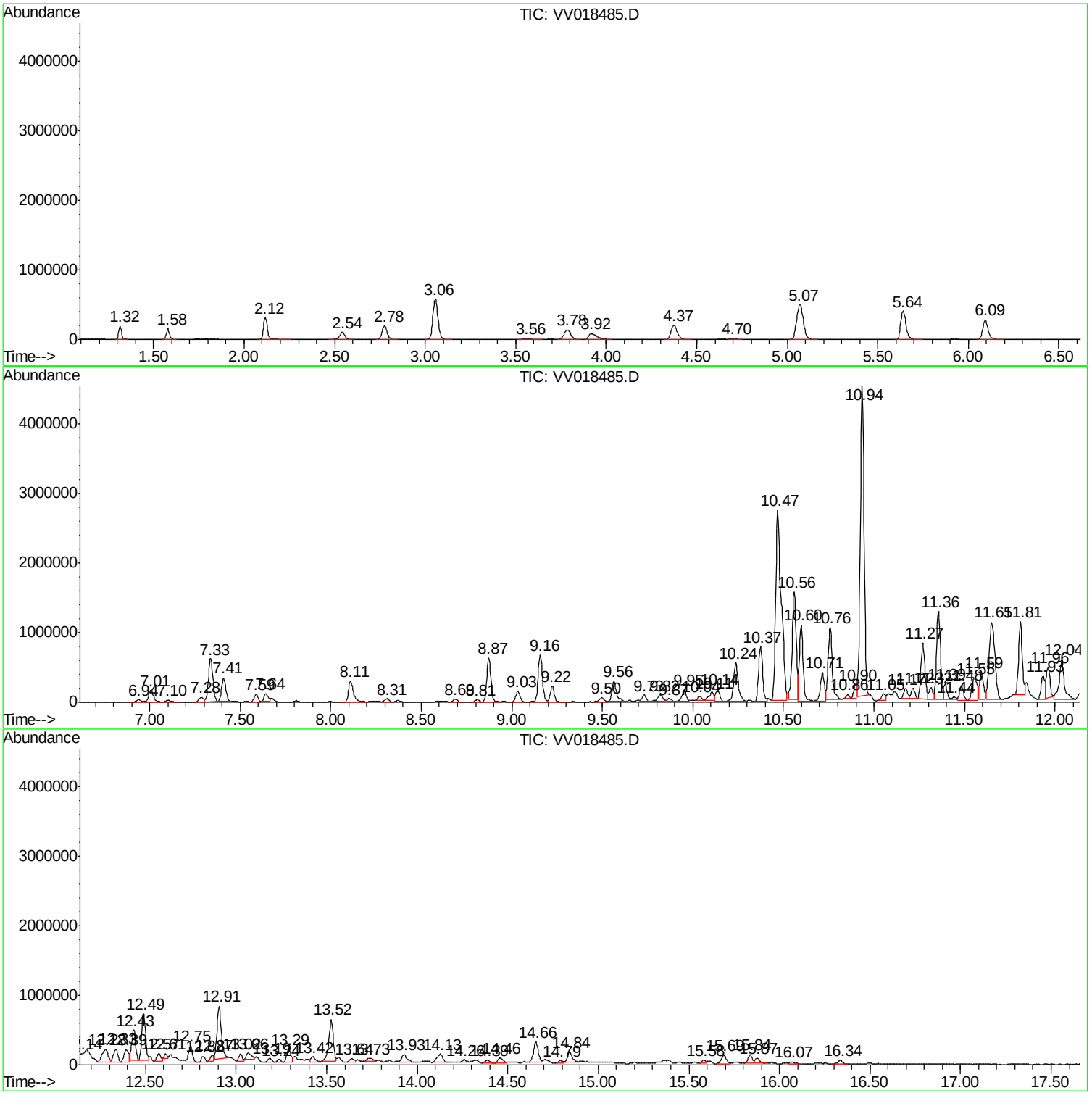
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

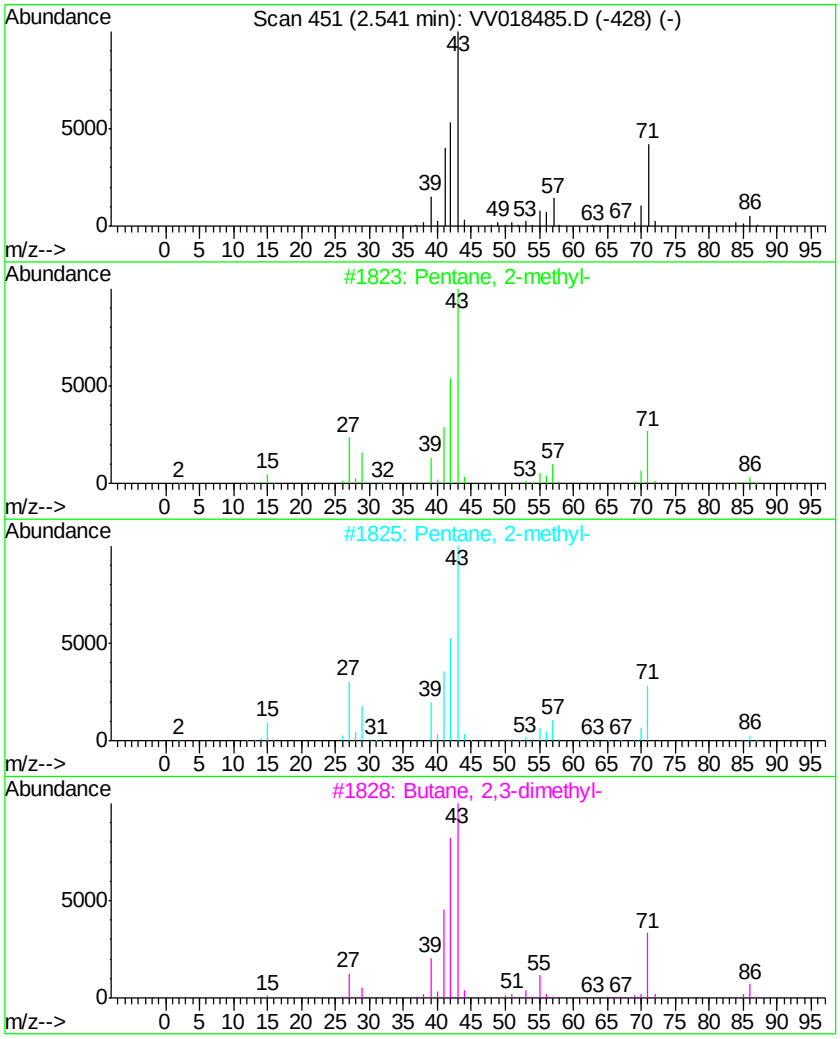
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

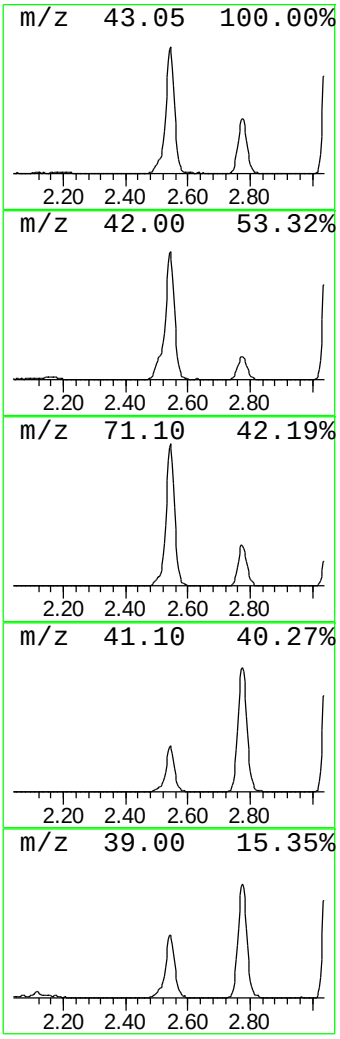
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.54	13.07 ug/L	213655	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	87
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
5	Pentane	72	C5H12	000109-66-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

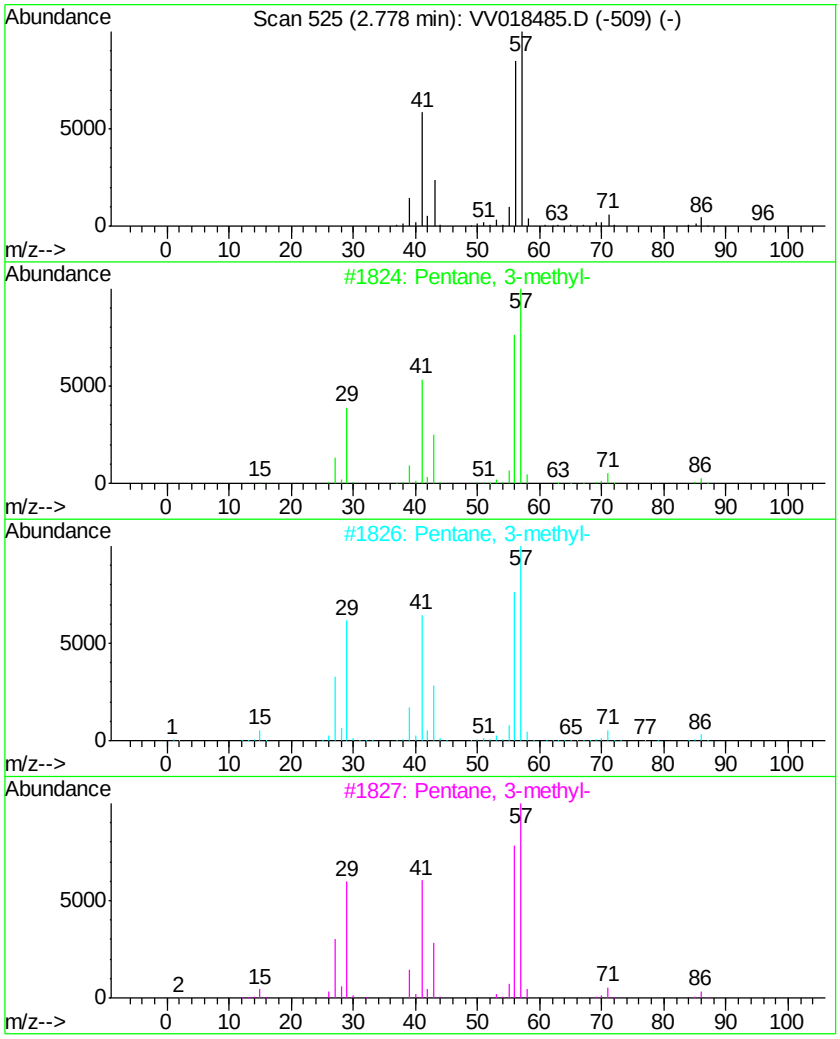
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

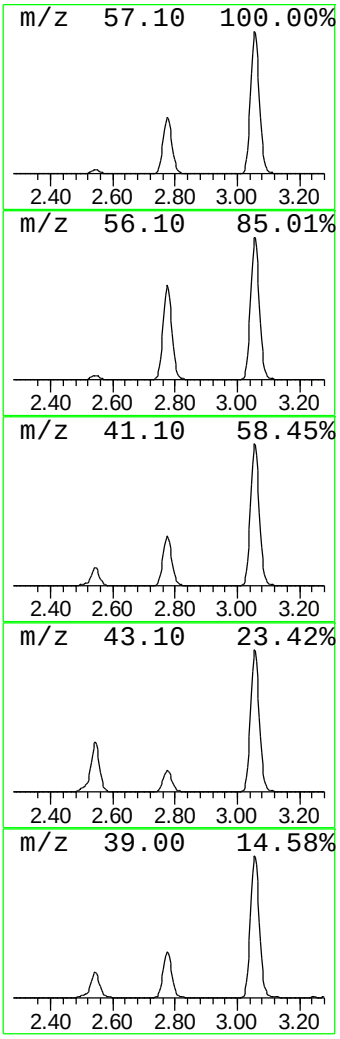
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	24.18 ug/L	395225	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	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

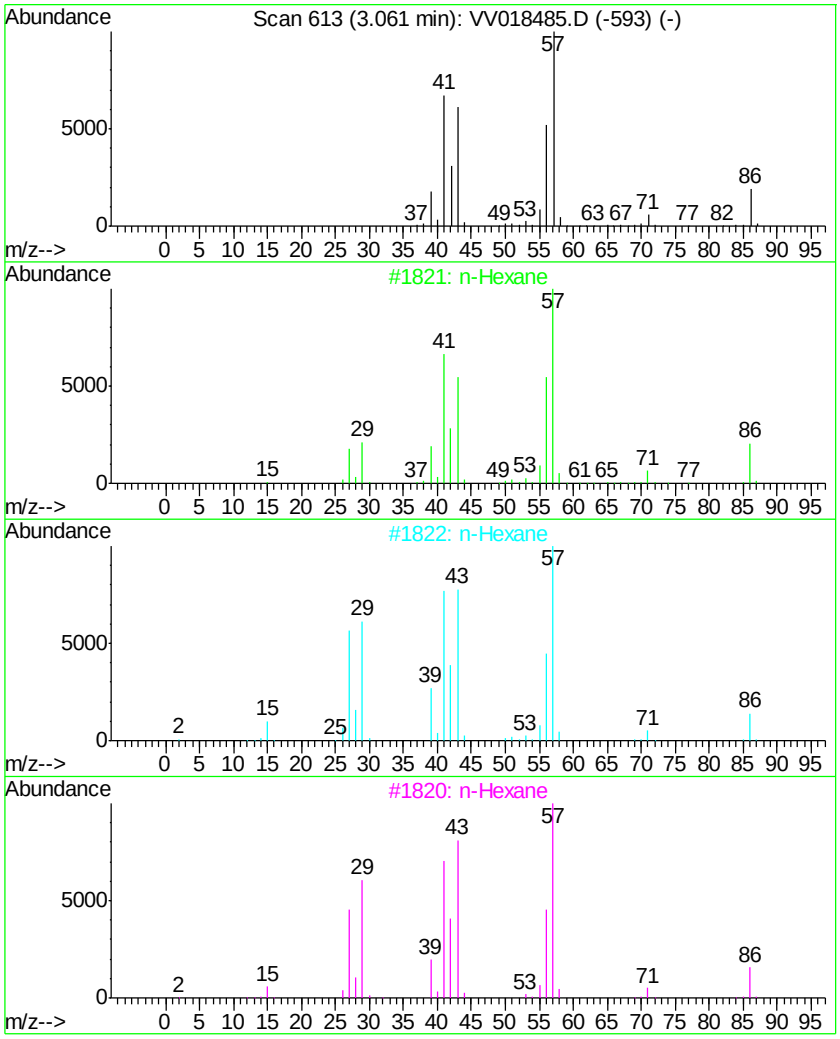
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

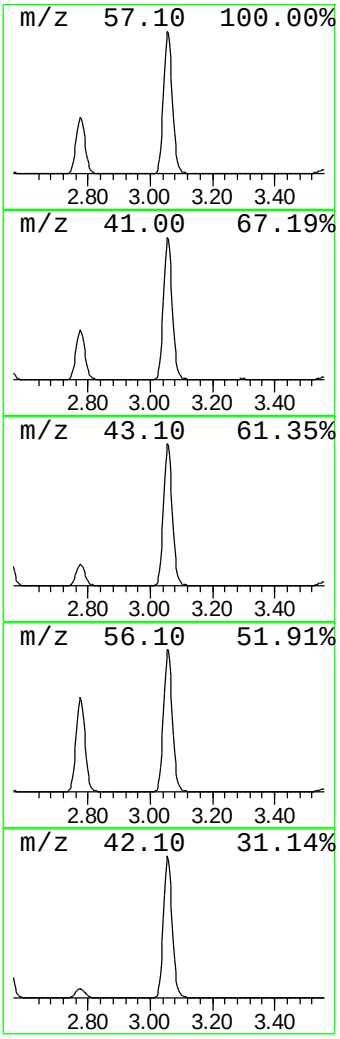
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	69.88 ug/L	1141900	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	83
3	n-Hexane	86	C6H14	000110-54-3	59
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

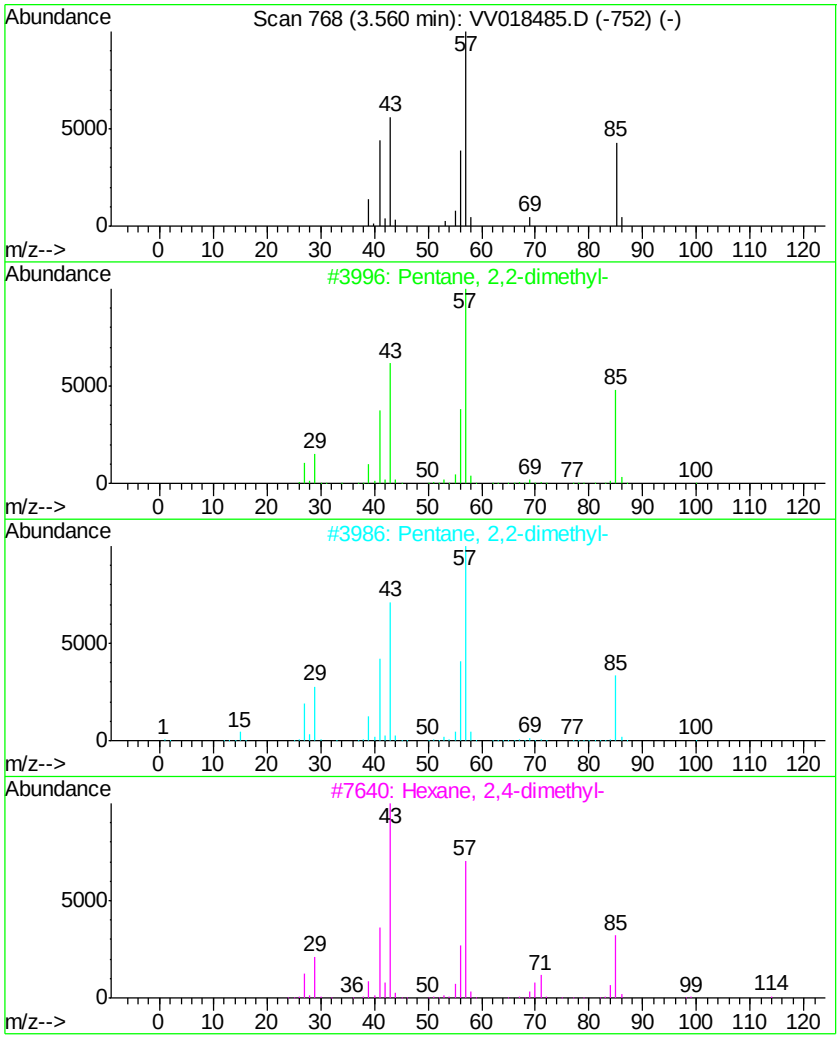
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

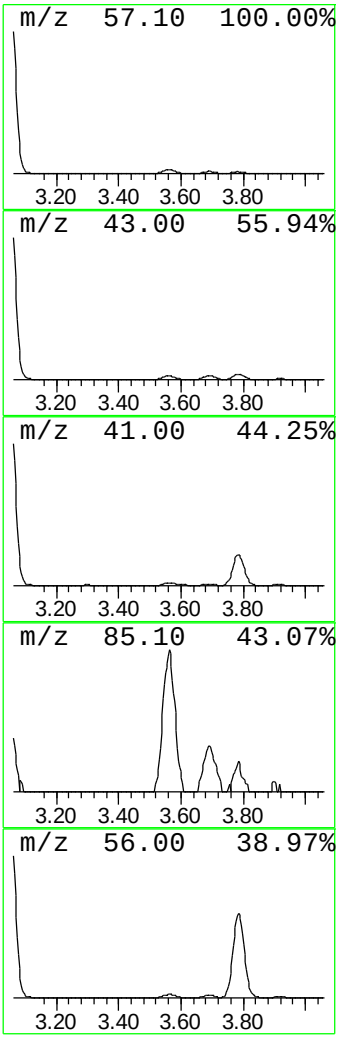
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	2.65 ug/L	43329	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

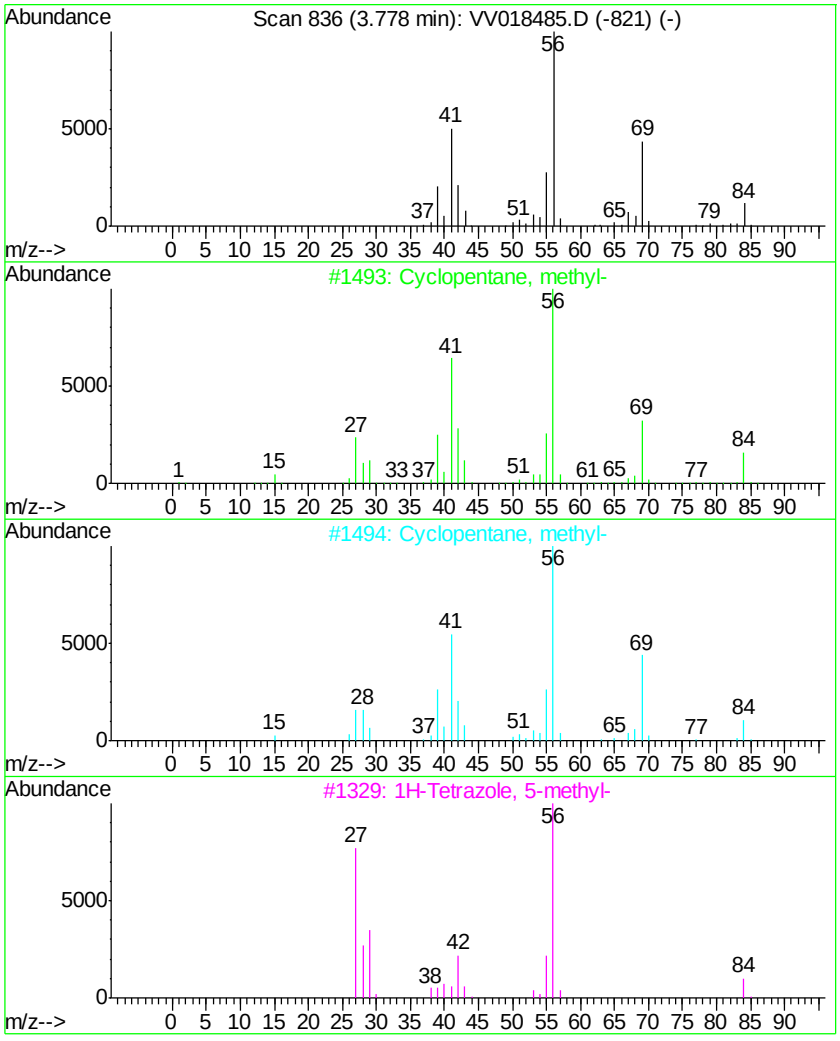
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

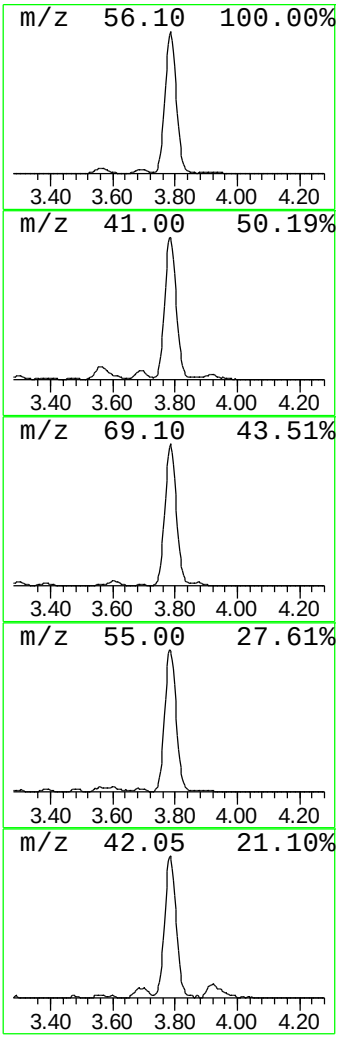
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic3.78 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	21.12 ug/L	345074	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

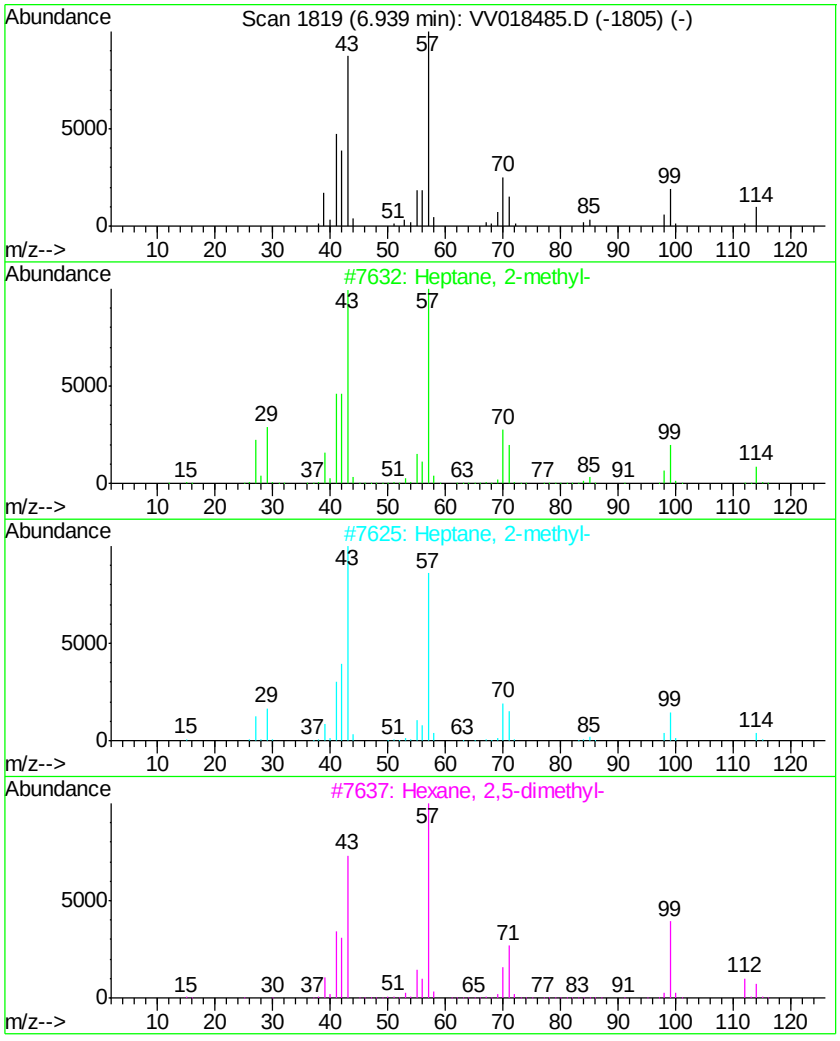
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

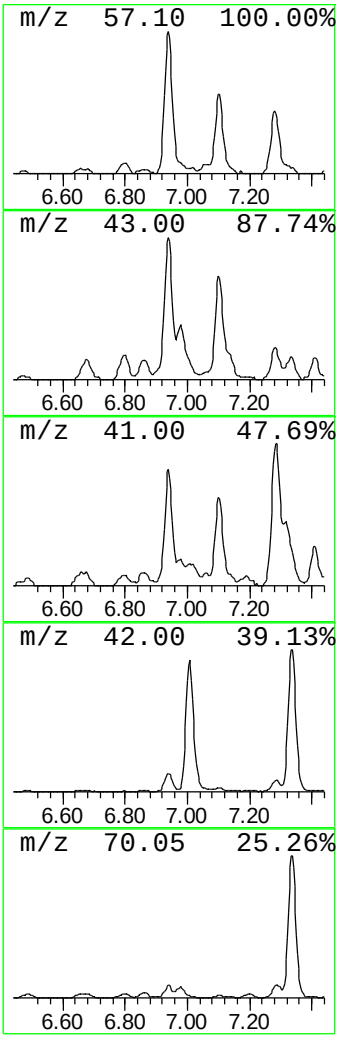
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	3.93 ug/L	64258	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	78
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

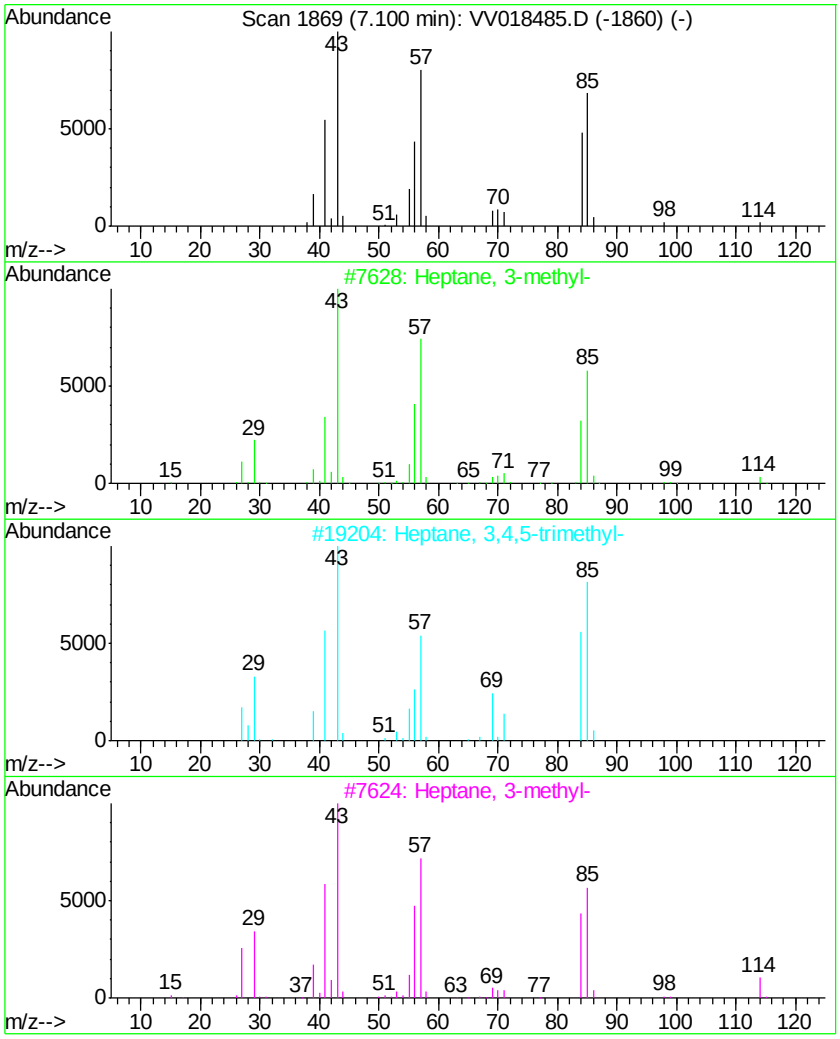
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

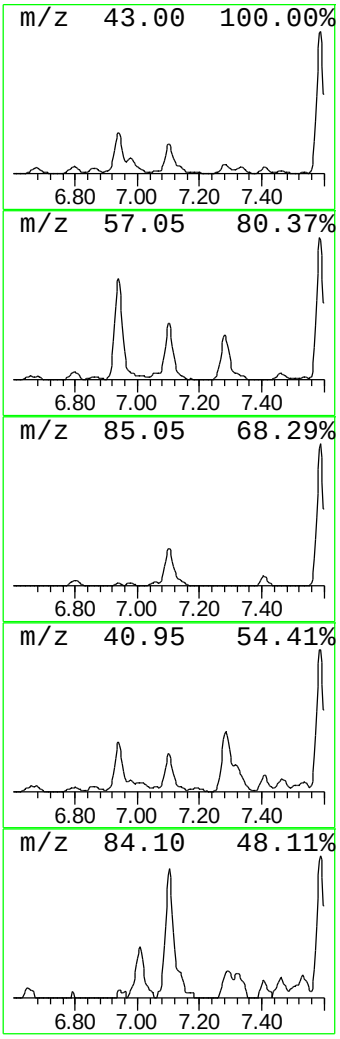
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	3.30 ug/L	53954	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	78
3	Heptane, 3-methyl-	114	C8H18	000589-81-1	74
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

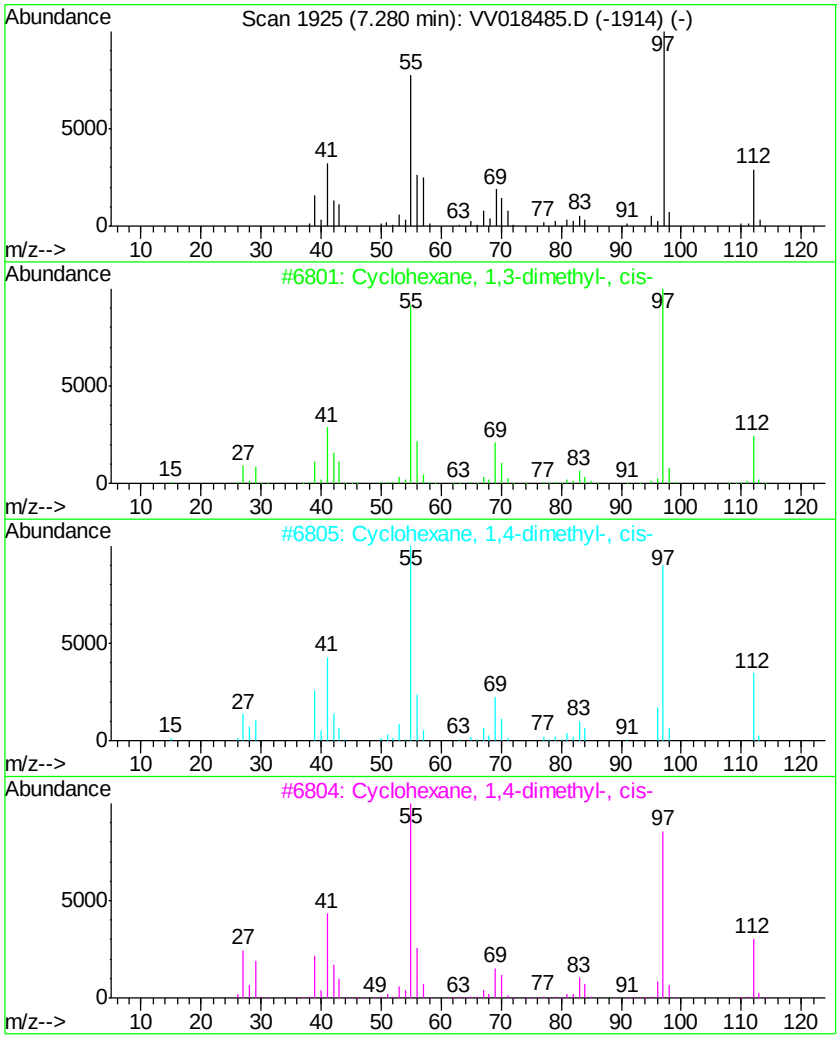
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

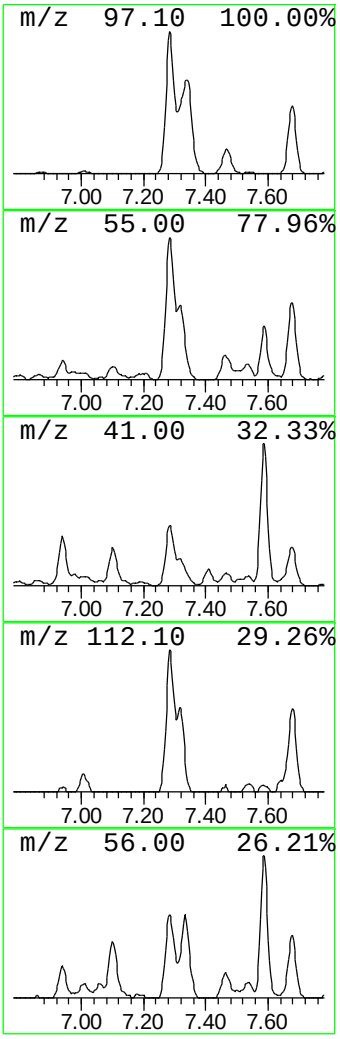
****

Peak Number 9 (DEL) Alkane: Cyclic7.28 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	6.26 ug/L	126848	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

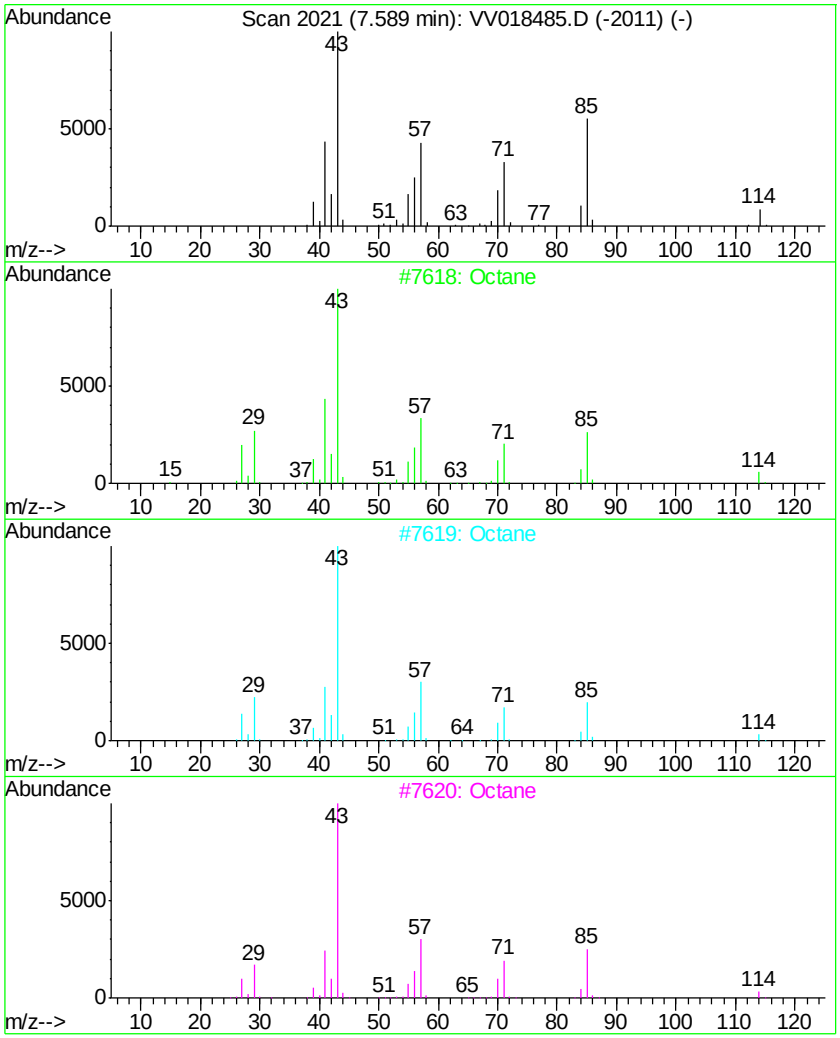
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

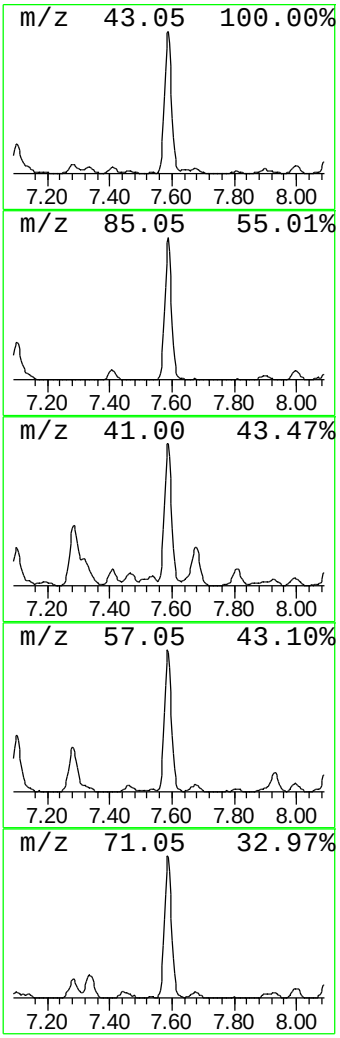
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	8.08 ug/L	163871	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	87
3	Octane	114	C8H18	000111-65-9	81
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

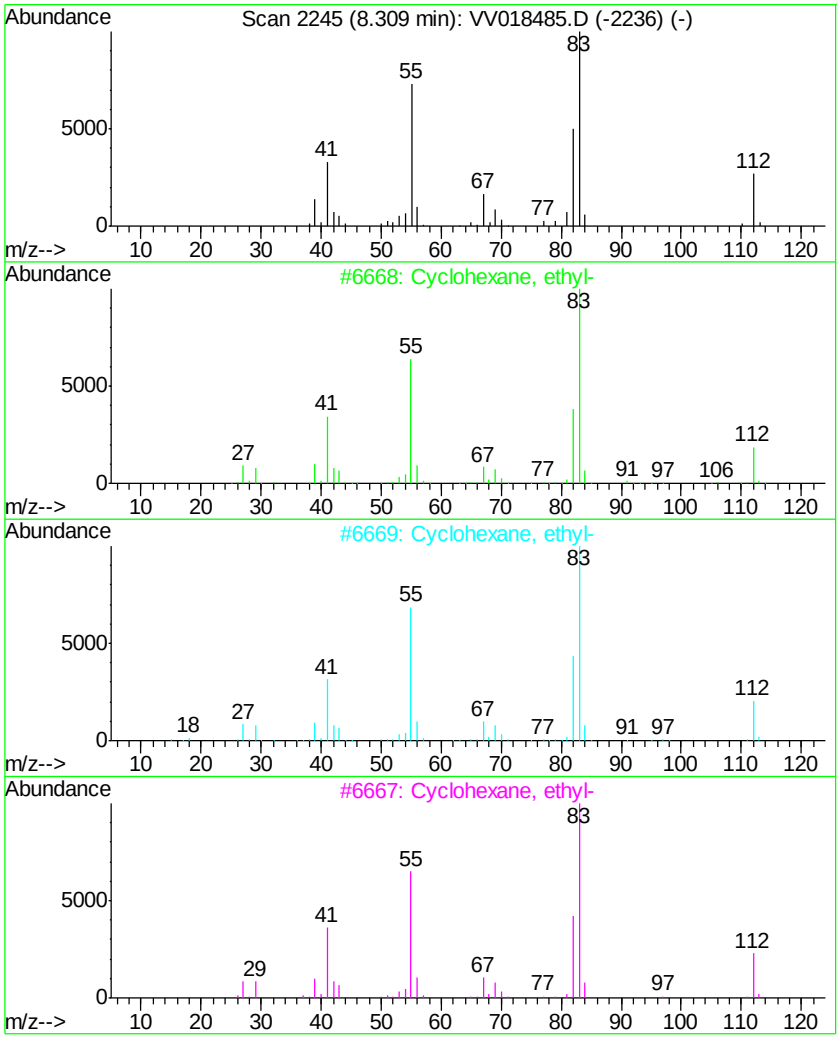
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

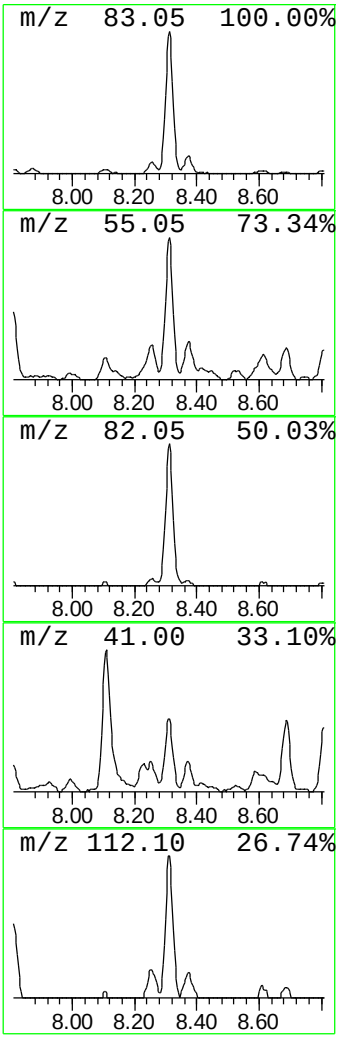
****

Peak Number 11 (DEL) Alkane: Cyclic8.31 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	3.73 ug/L	75577	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

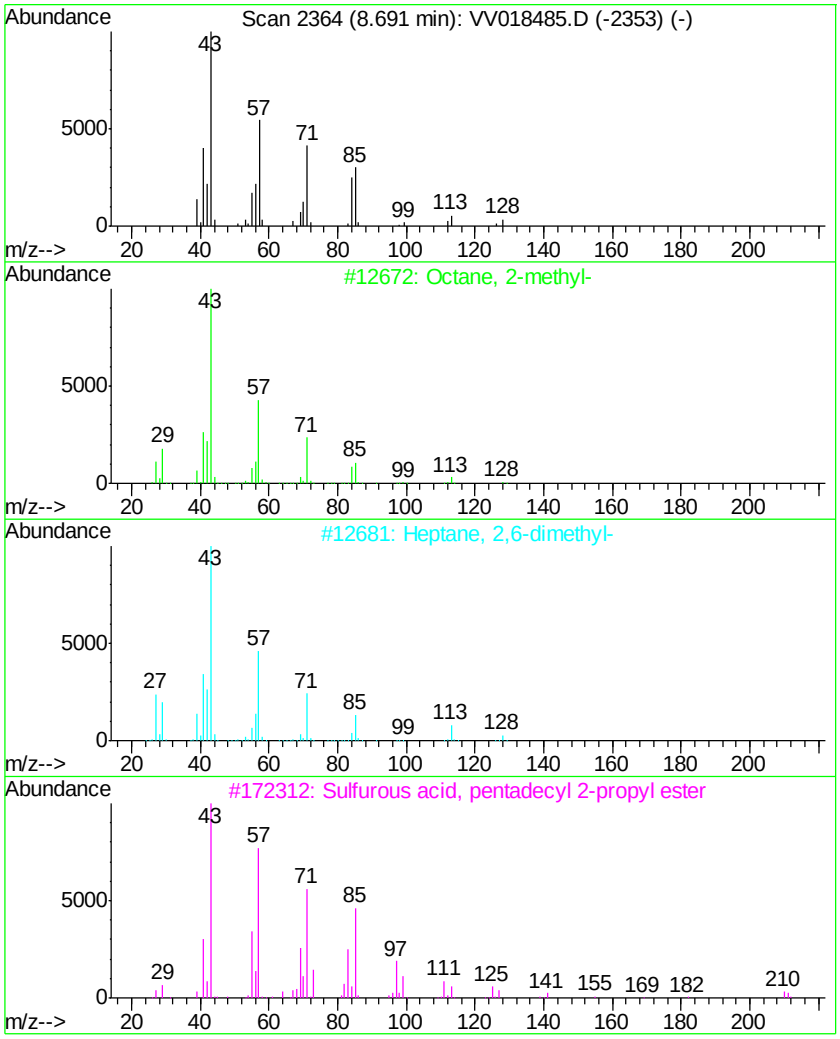
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

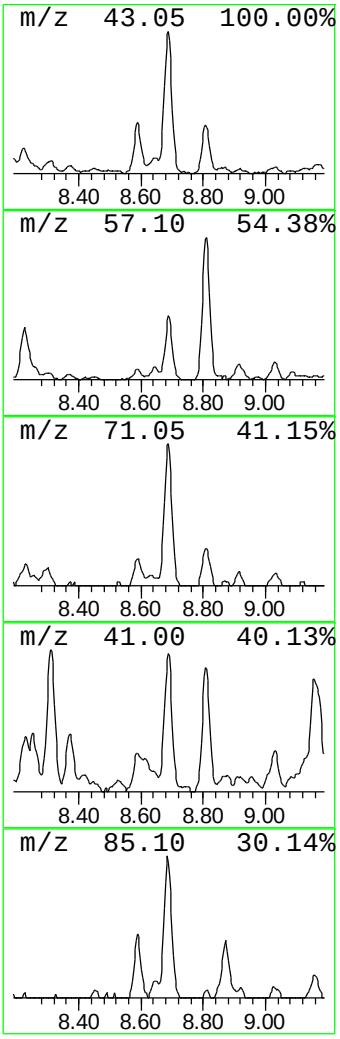
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	3.72 ug/L	75319	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	80
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	53
4	Octane, 2-methyl-	128	C9H20	003221-61-2	53
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

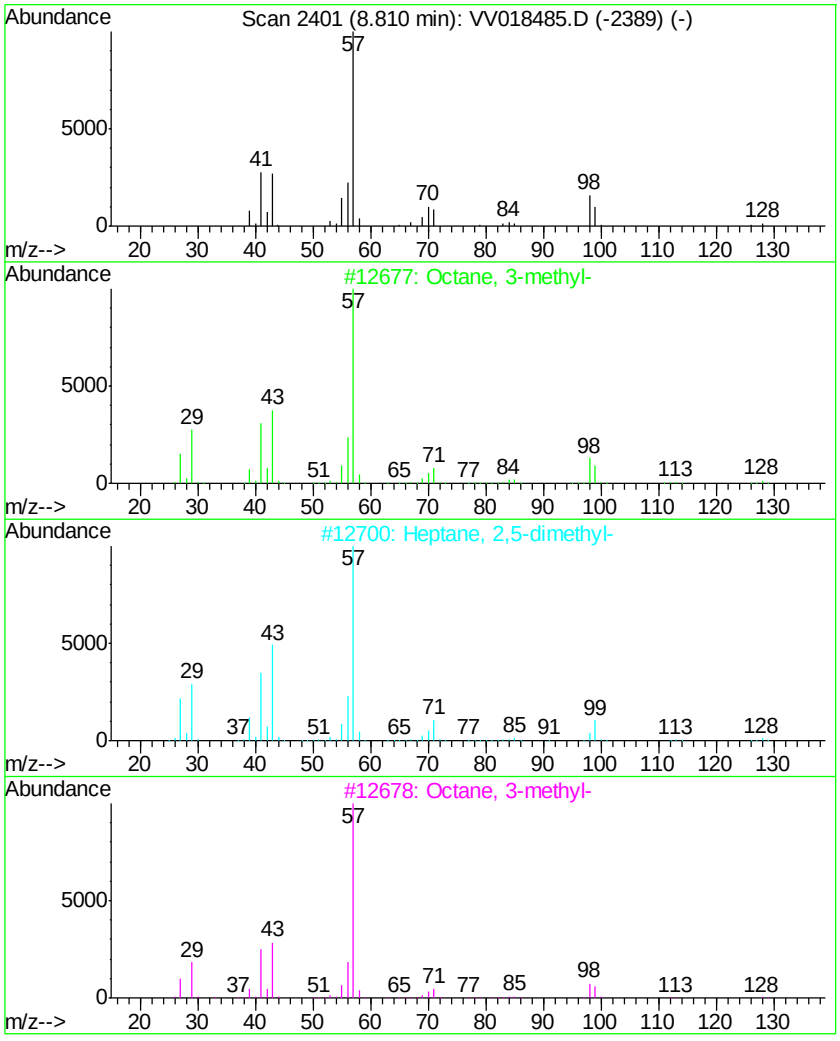
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

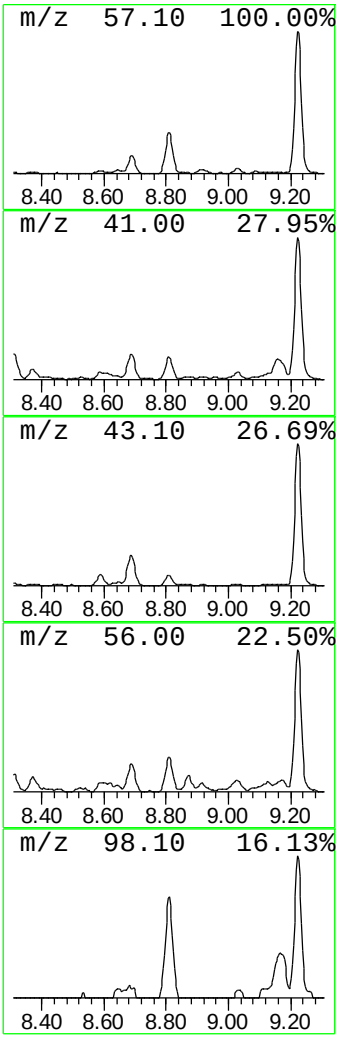
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	2.86 ug/L	57991	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Octane, 3-methyl-	128	C9H20	002216-33-3	64
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

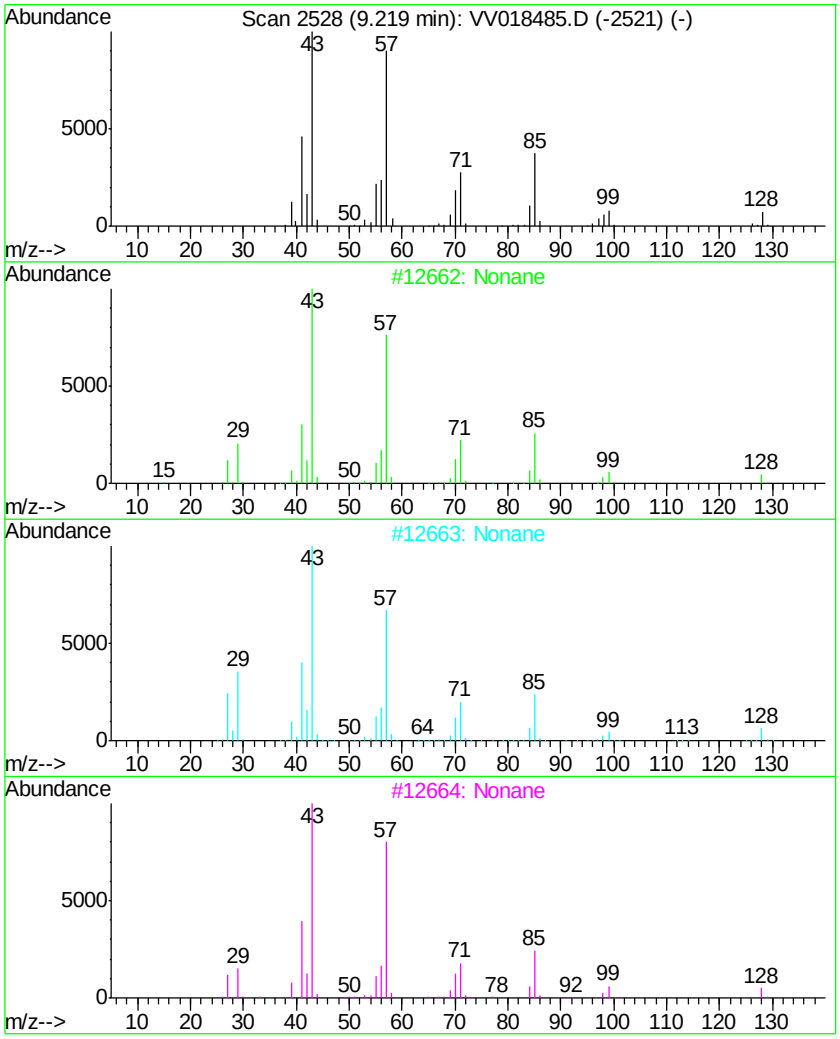
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

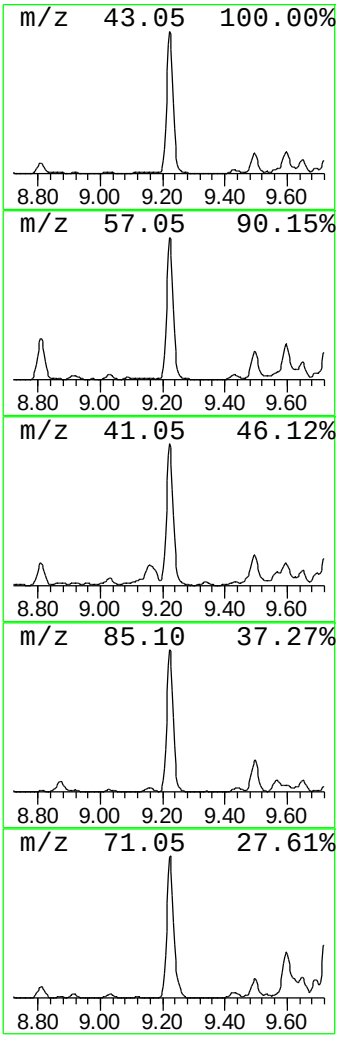
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	17.63 ug/L	357362	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Nonane	128	C9H20	000111-84-2	94
3	Nonane	128	C9H20	000111-84-2	87
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

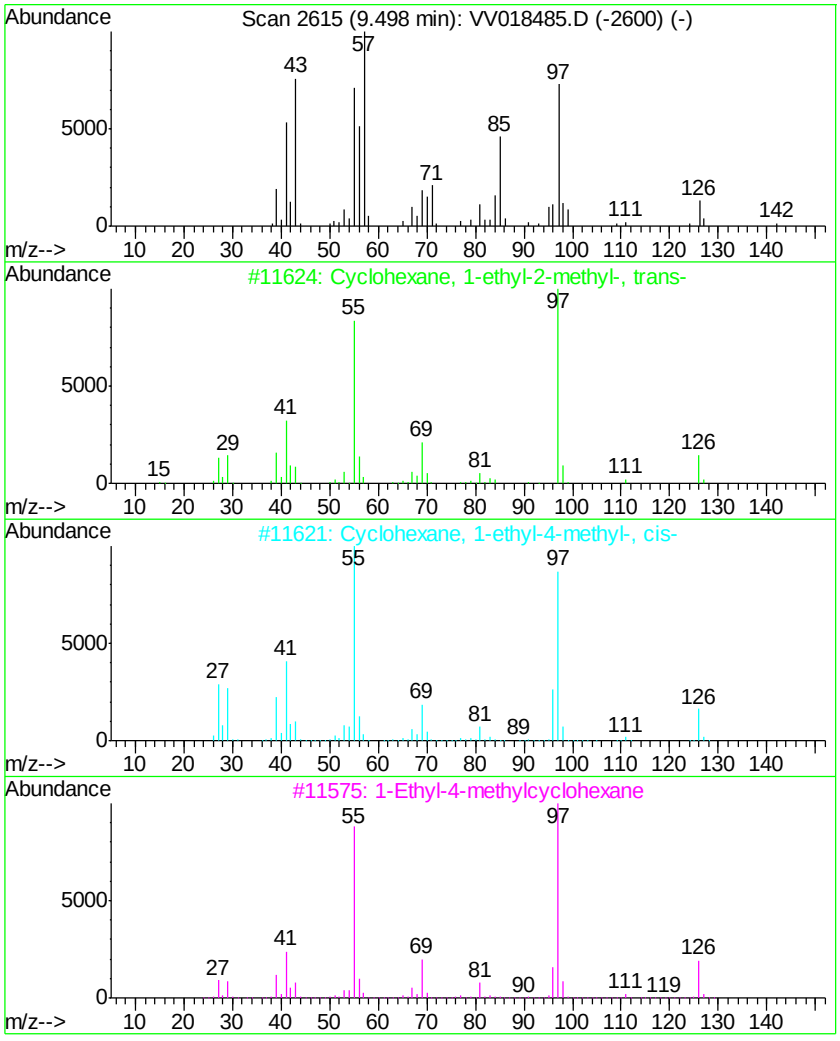
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

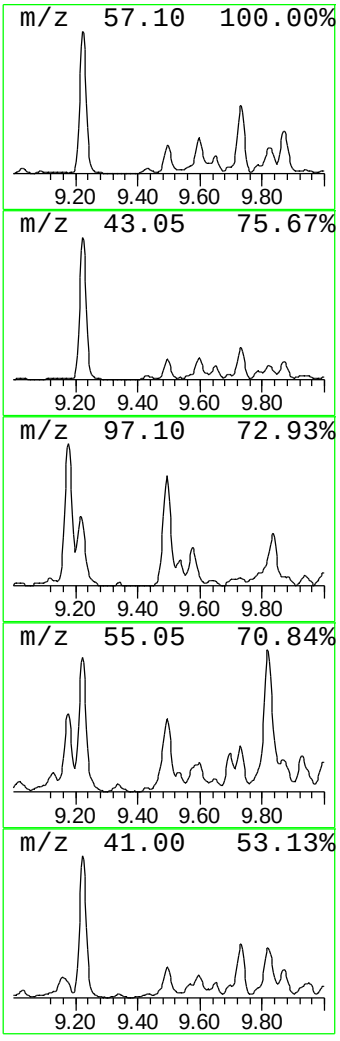
****

Peak Number 15 (DEL) Alkane: Cyclic9.50 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	5.45 ug/L	110408	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	50
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	43
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	43
5	4-Octen-3-one	126	C8H14O	014129-48-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

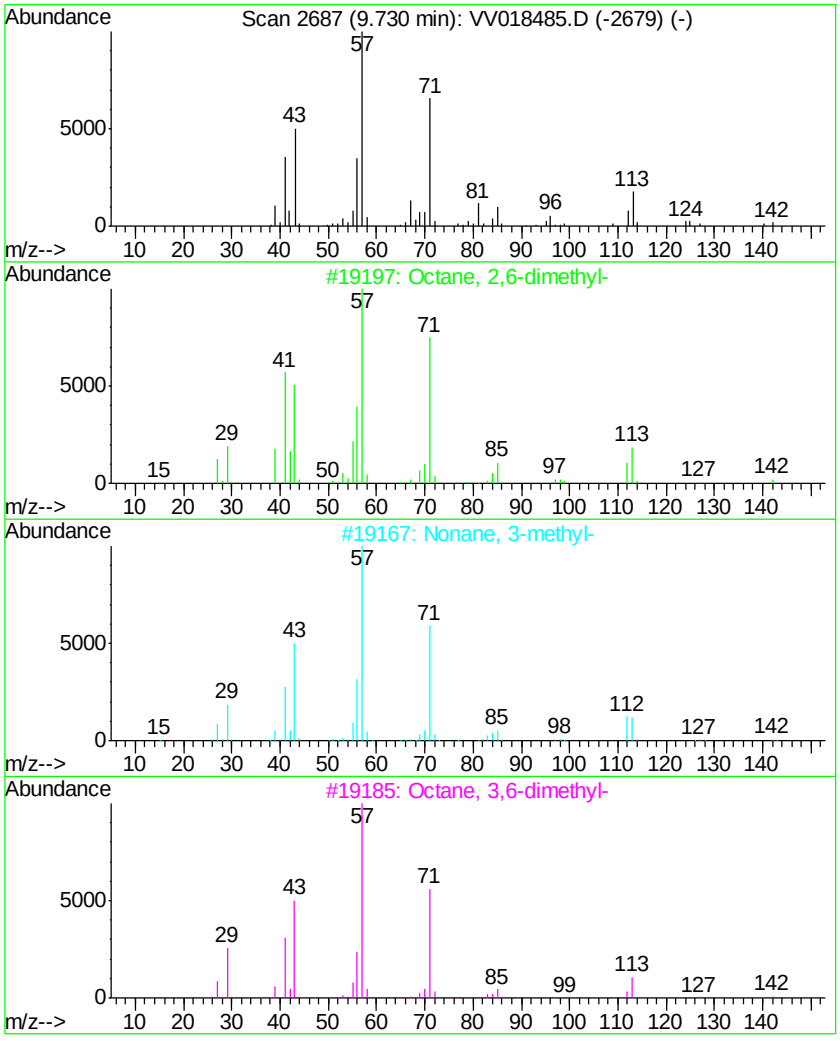
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

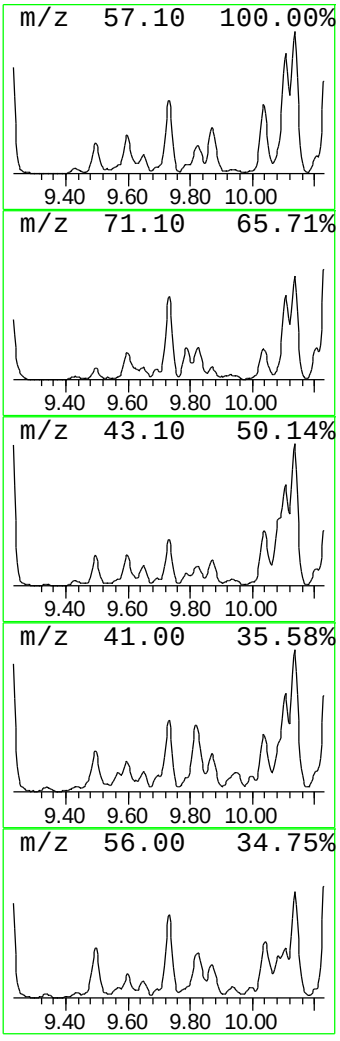
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	7.44 ug/L	150910	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

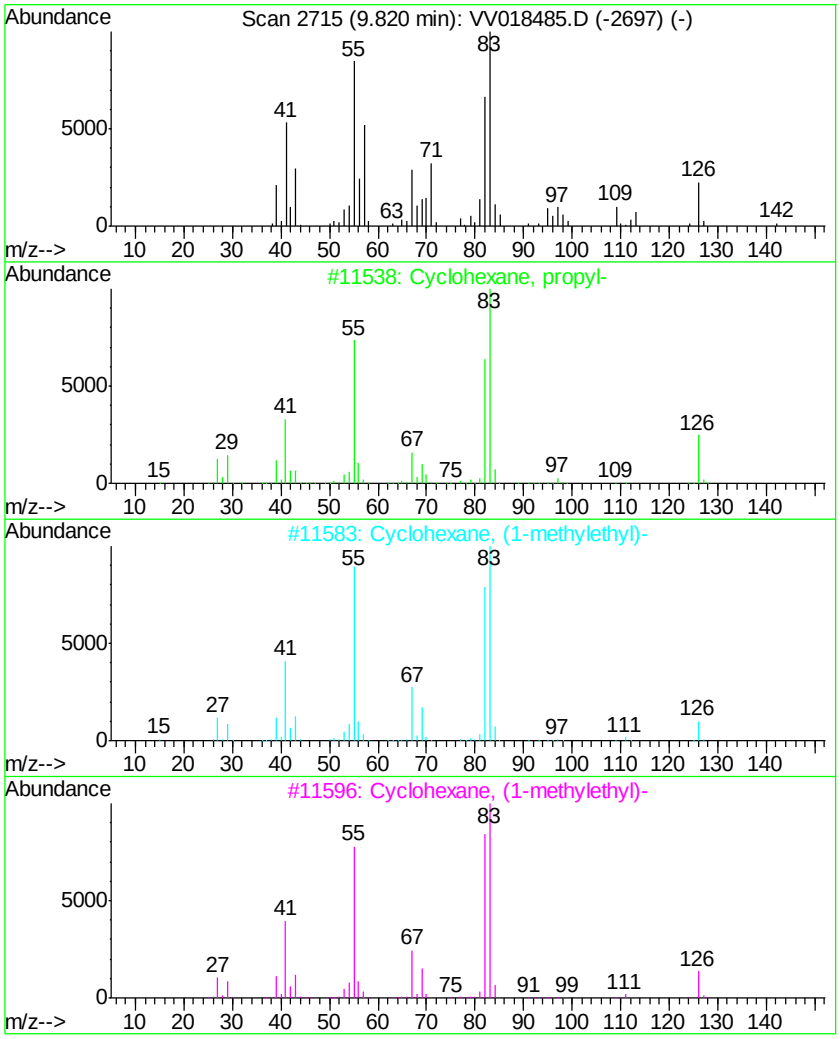
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

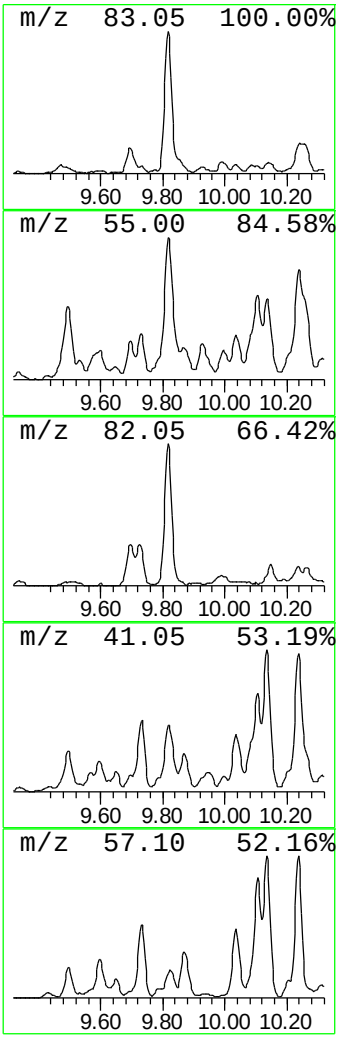
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic9.82 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	10.30 ug/L	208874	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

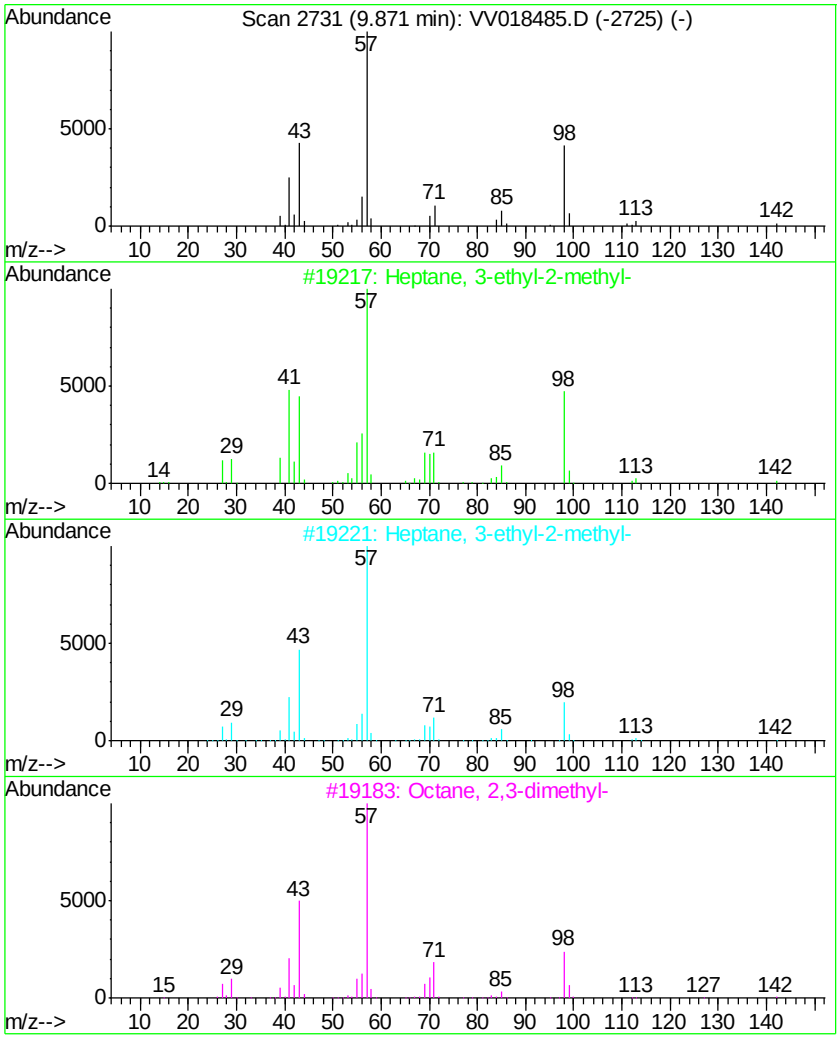
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

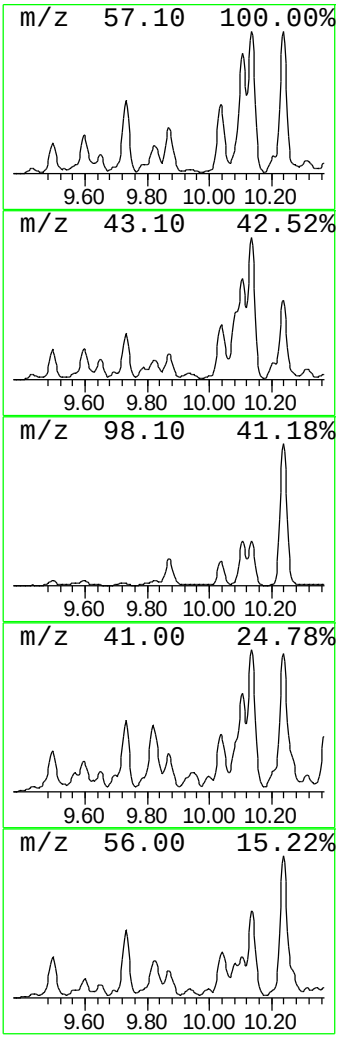
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	3.40 ug/L	68910	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	45
4	Octane, 3-methyl-	128	C9H20	002216-33-3	38
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

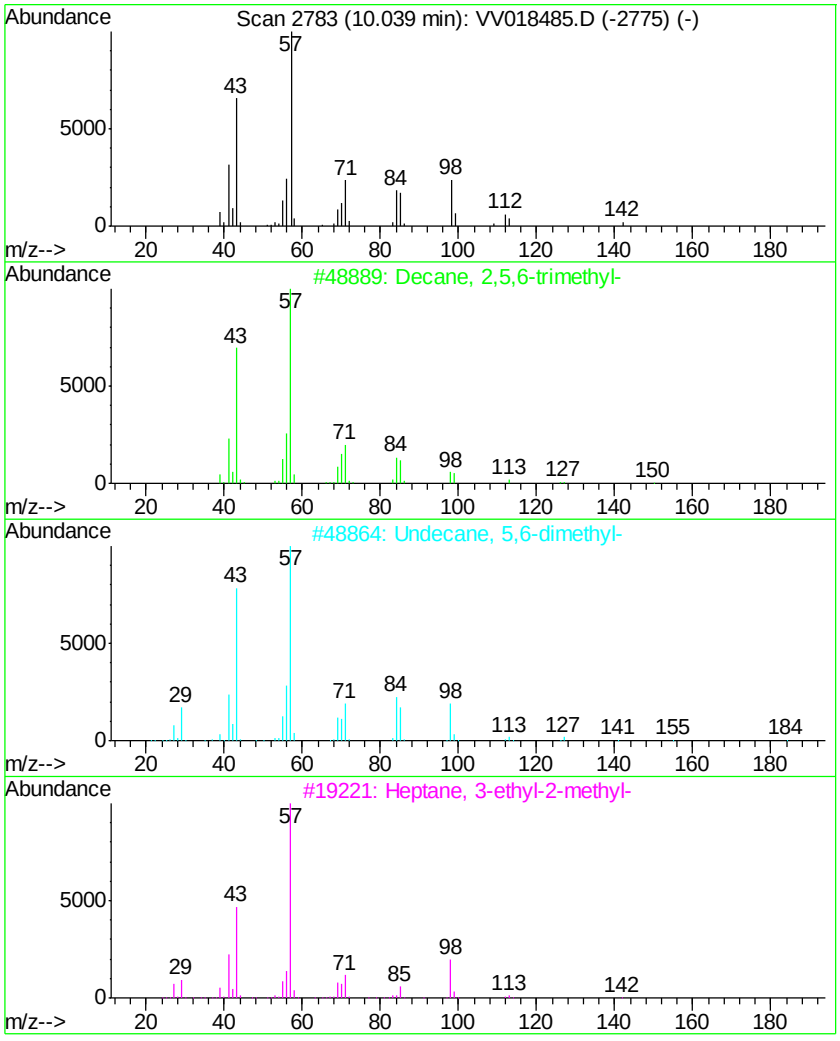
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

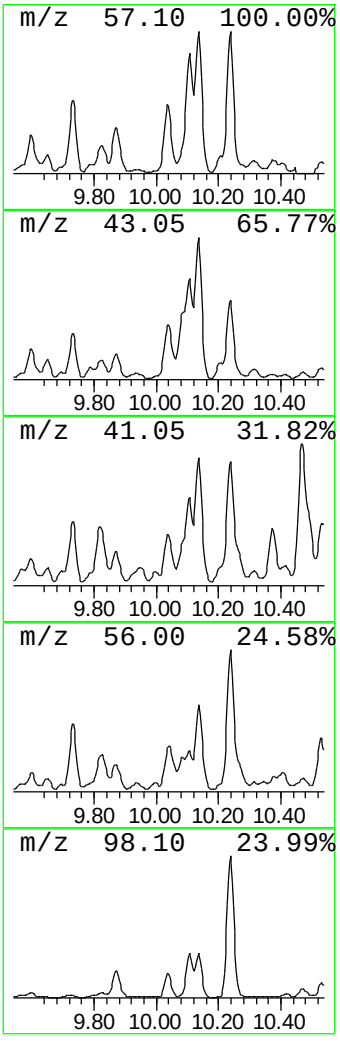
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	4.72 ug/L	95736	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4	Decane	142	C10H22	000124-18-5	50
5	Decane	142	C10H22	000124-18-5	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

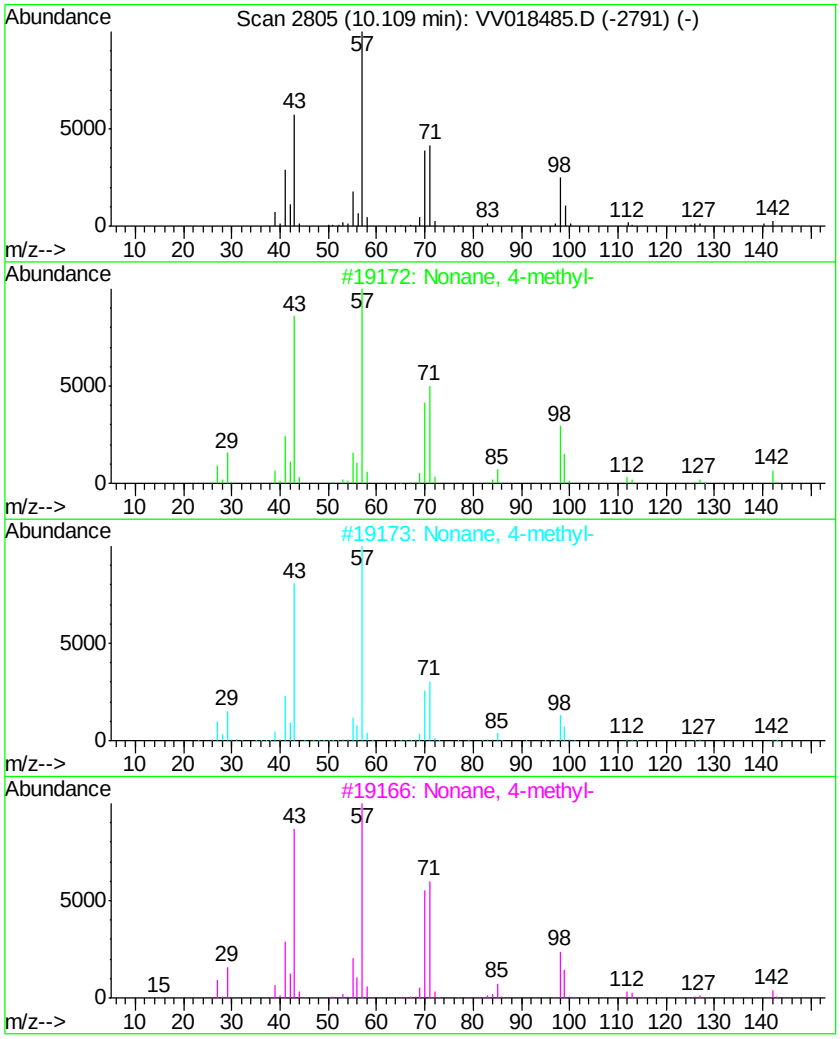
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

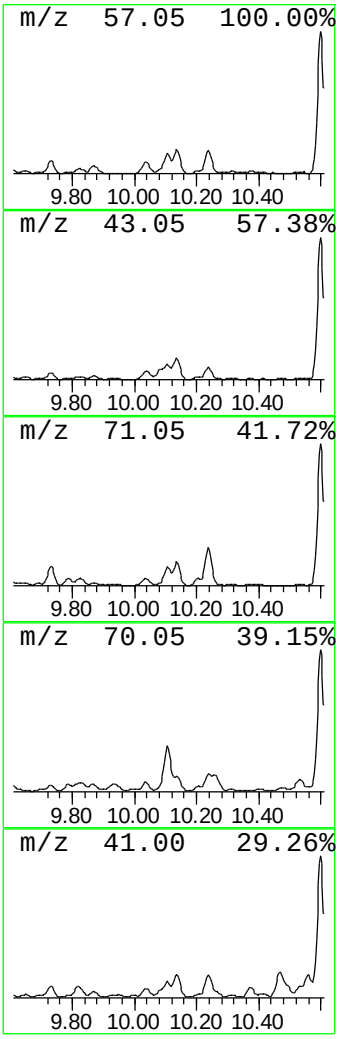
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	8.23 ug/L	205667	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

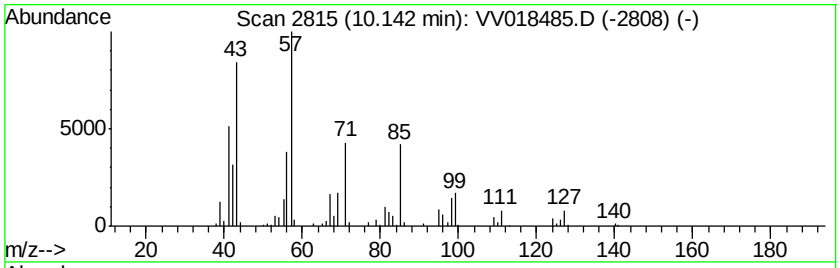
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

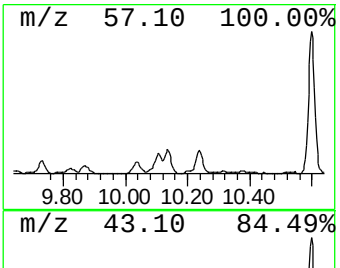
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	10.99 ug/L	274469	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	72
2	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	50
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50
4	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	50
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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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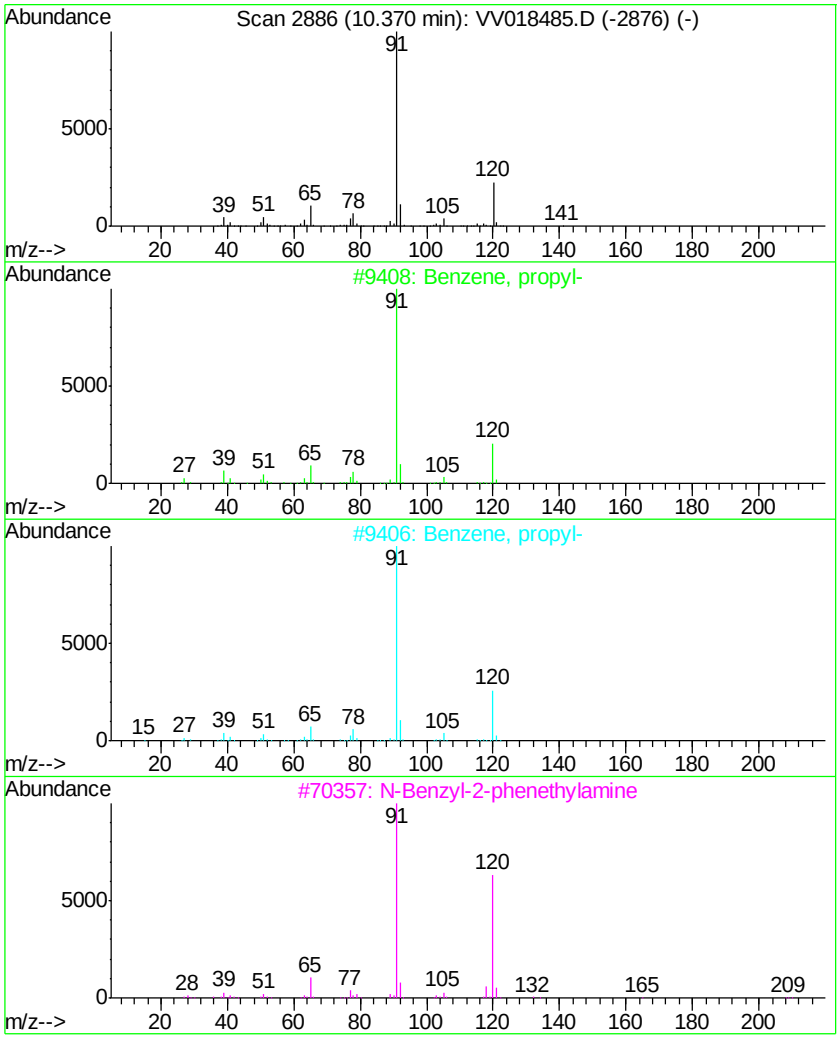
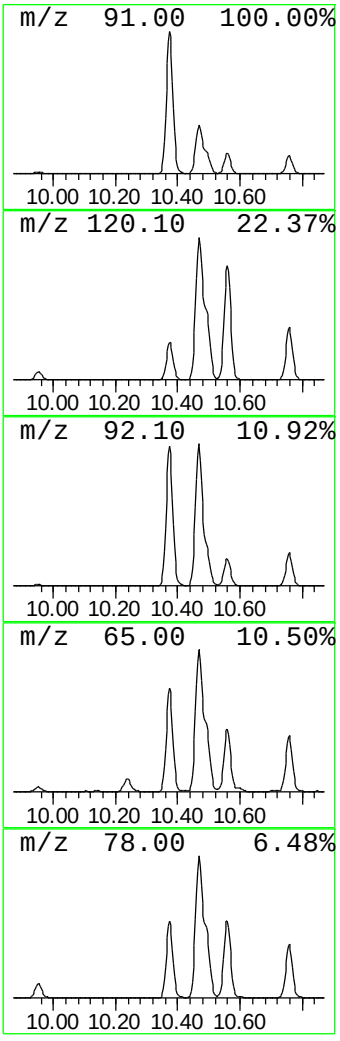
Peak Number 22 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	47.34 ug/L	1182650	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

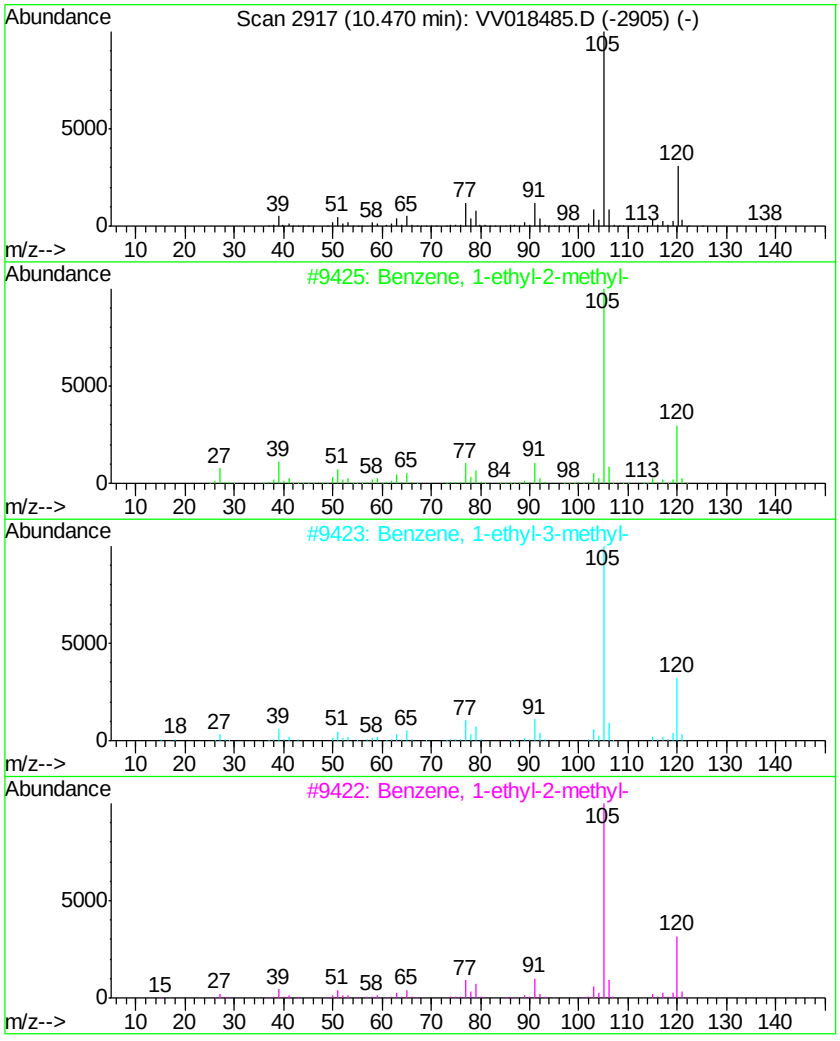
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

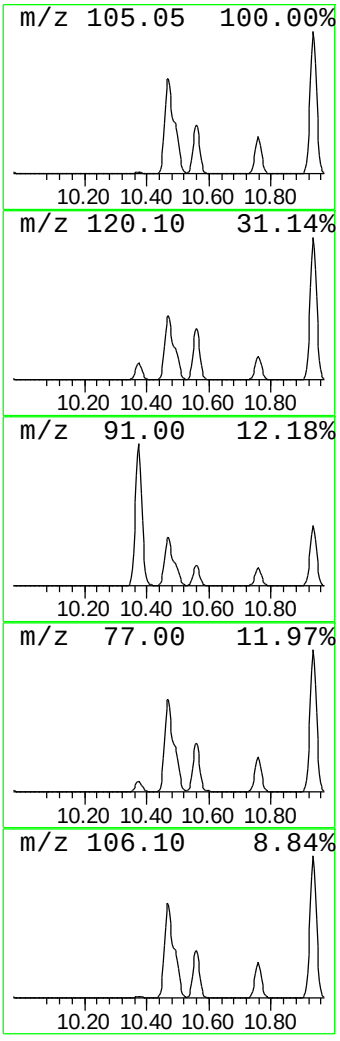
****

Peak Number 23 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	233.18 ug/L	5825460	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	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

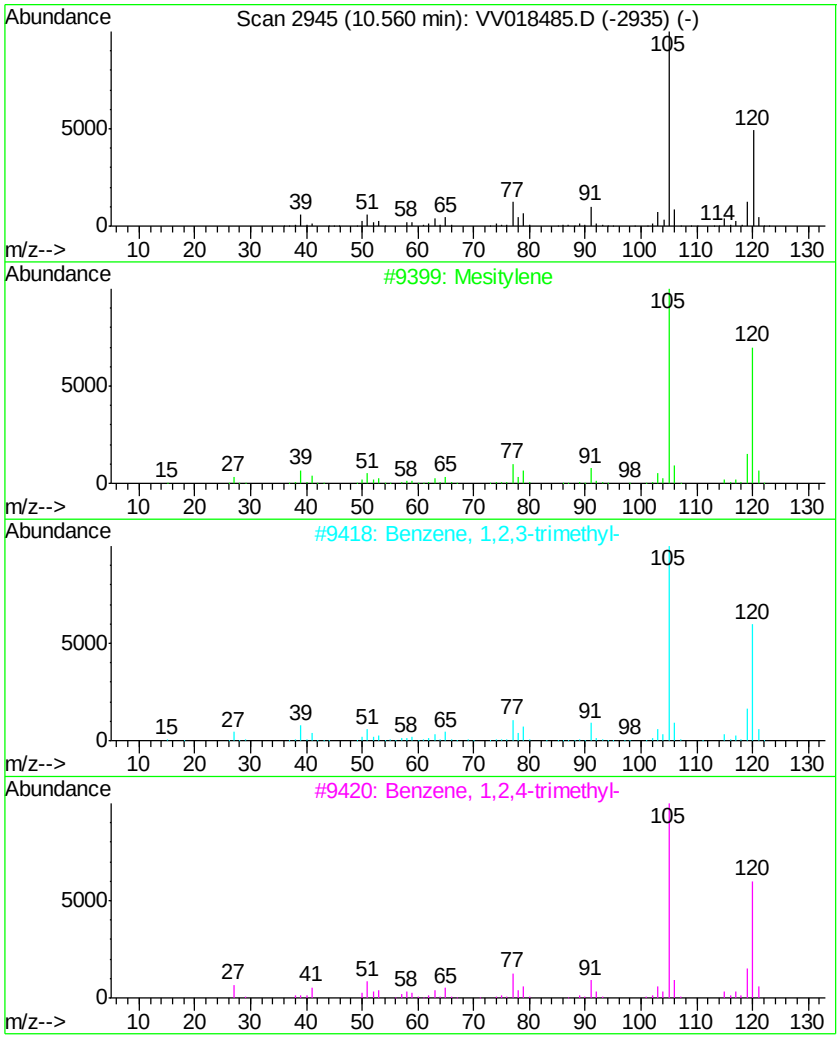
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

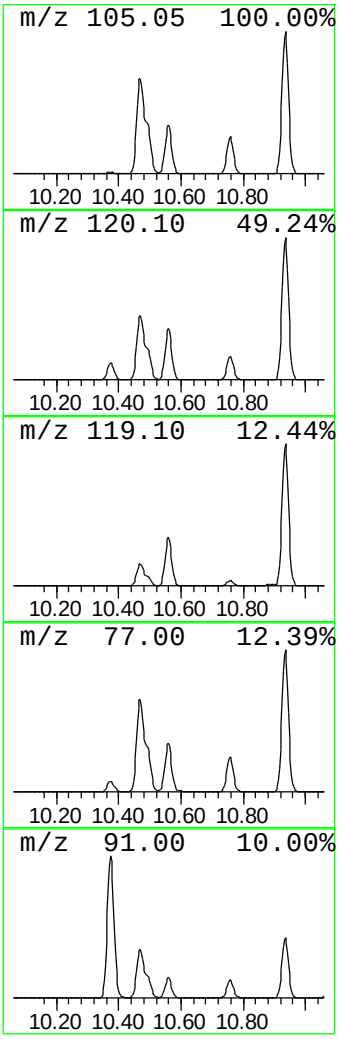
****

Peak Number 24 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	95.27 ug/L	2380100	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

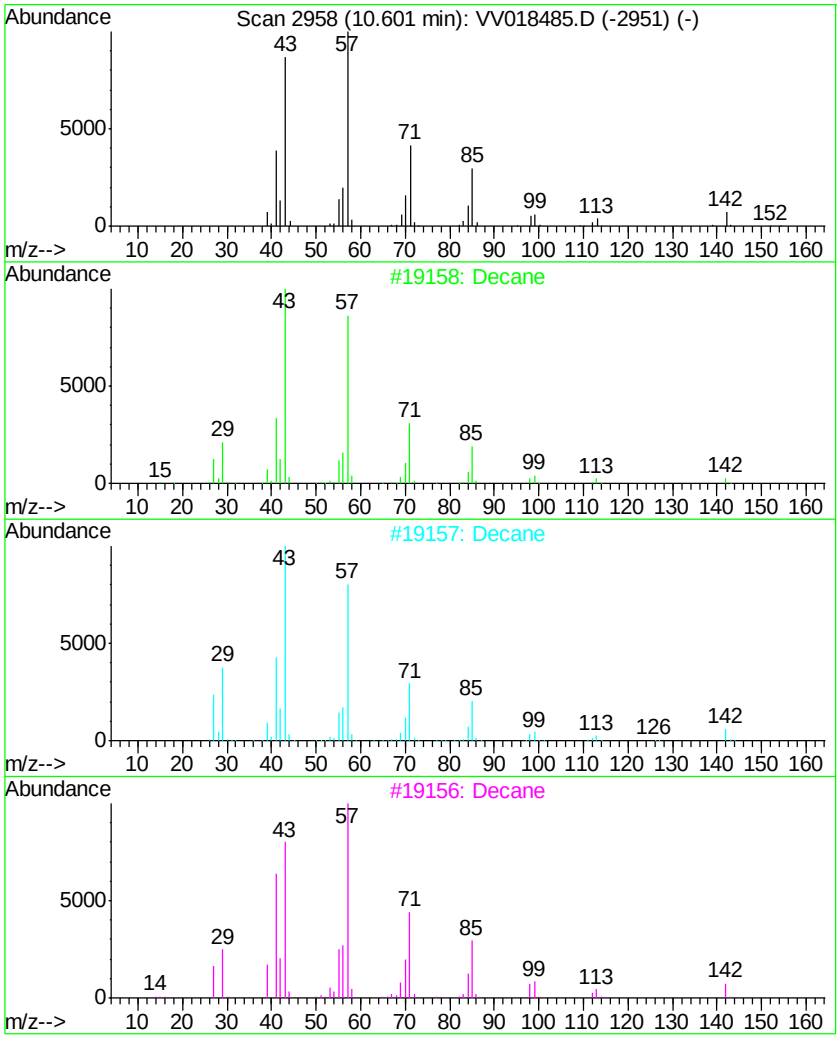
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

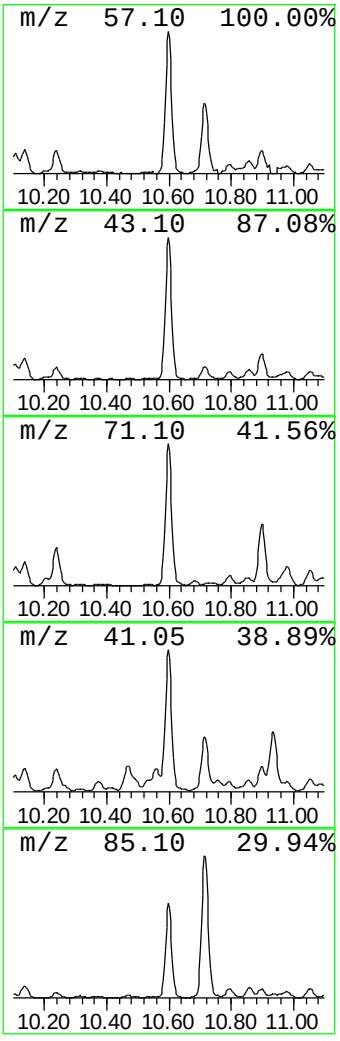
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	63.39 ug/L	1583710	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Decane	142	C10H22	000124-18-5	91
3	Decane	142	C10H22	000124-18-5	87
4	Tridecane	184	C13H28	000629-50-5	72
5	Decane	142	C10H22	000124-18-5	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

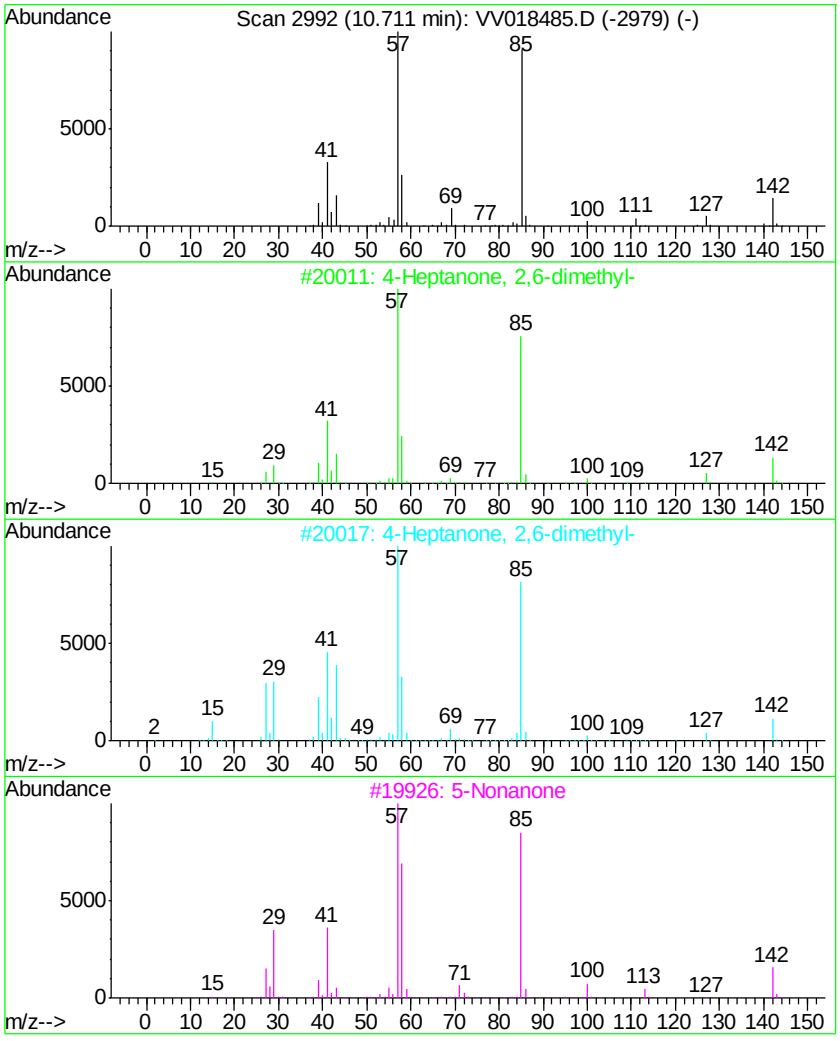
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

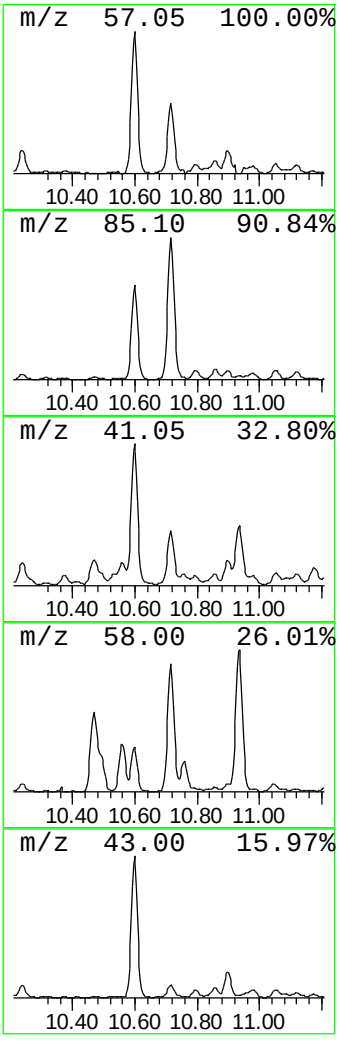
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 4-Heptanone, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	25.13 ug/L	627839	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	91
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

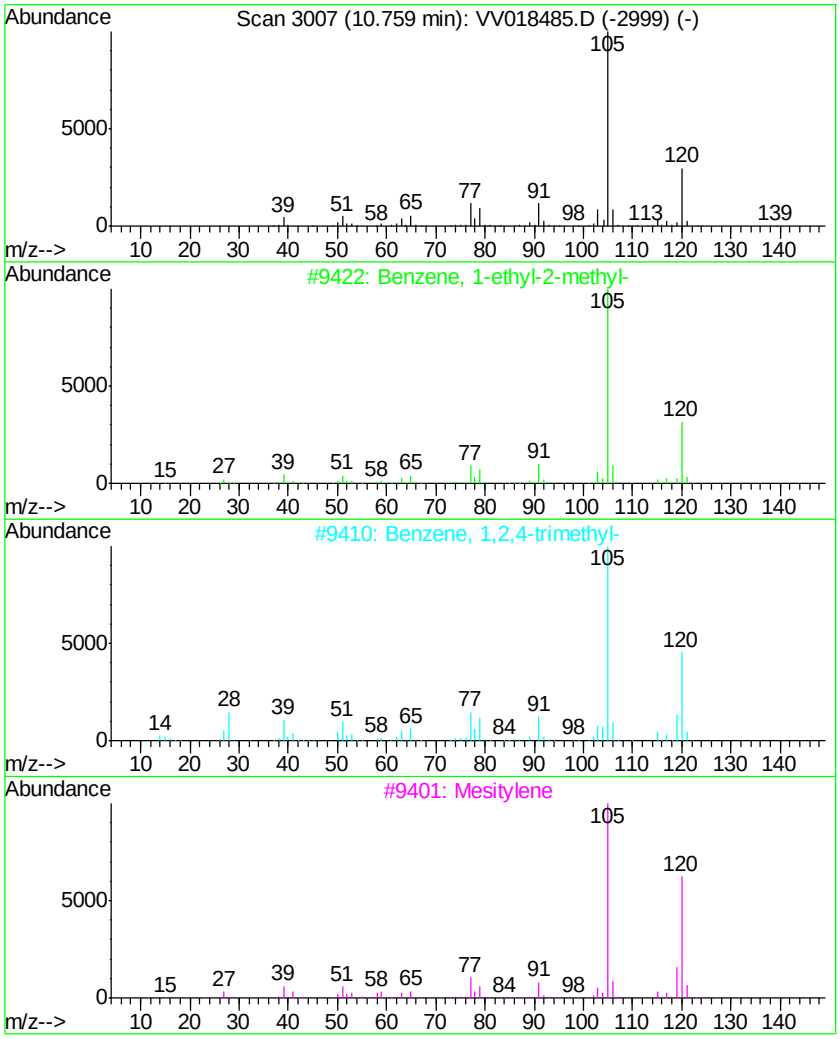
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

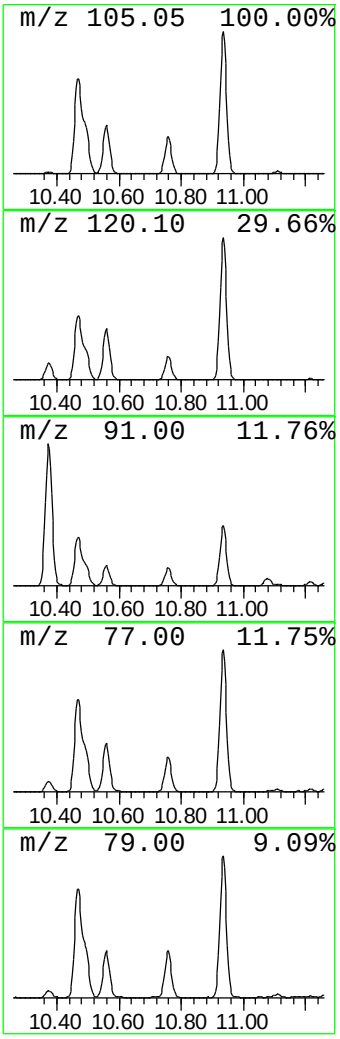
****

Peak Number 27 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	65.72 ug/L	1641890	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	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

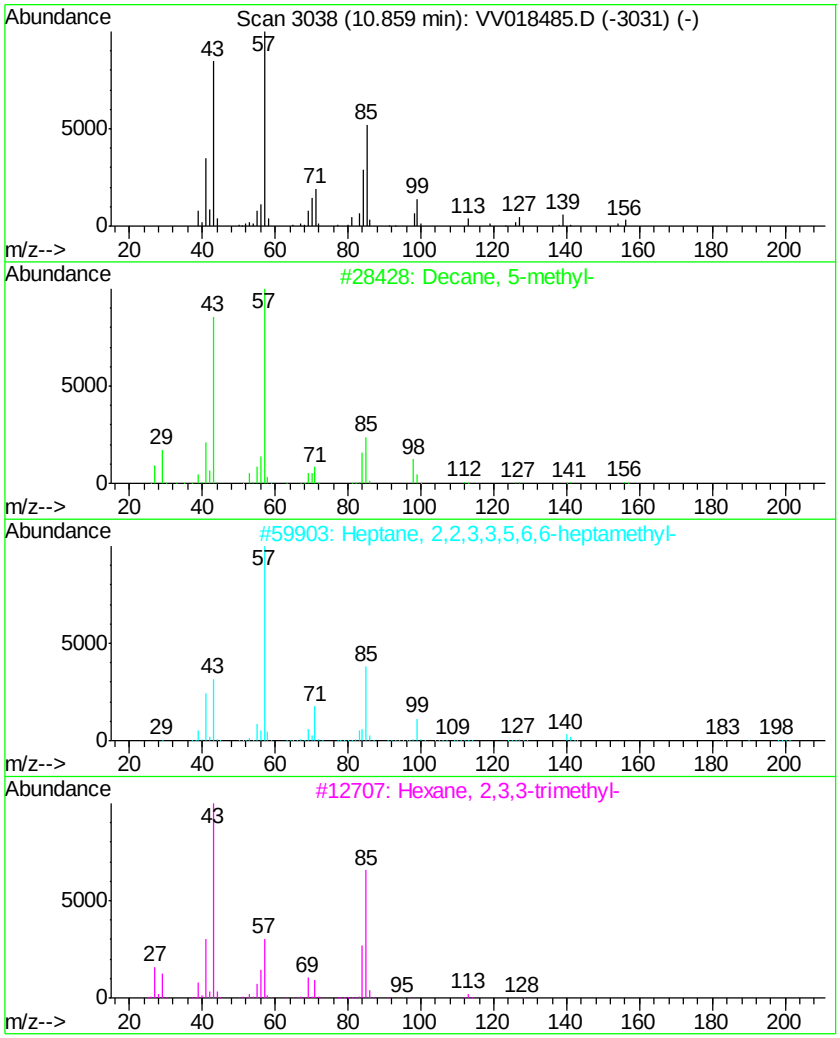
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

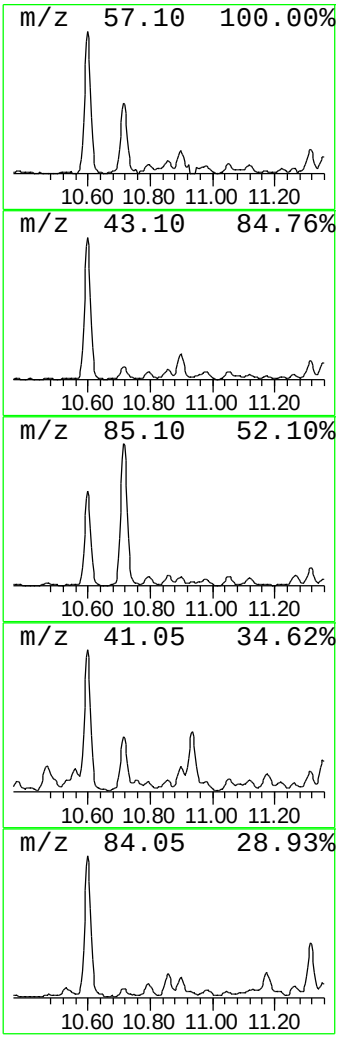
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.62 ug/L	65356	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	58
2	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	53
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	50
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
5	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

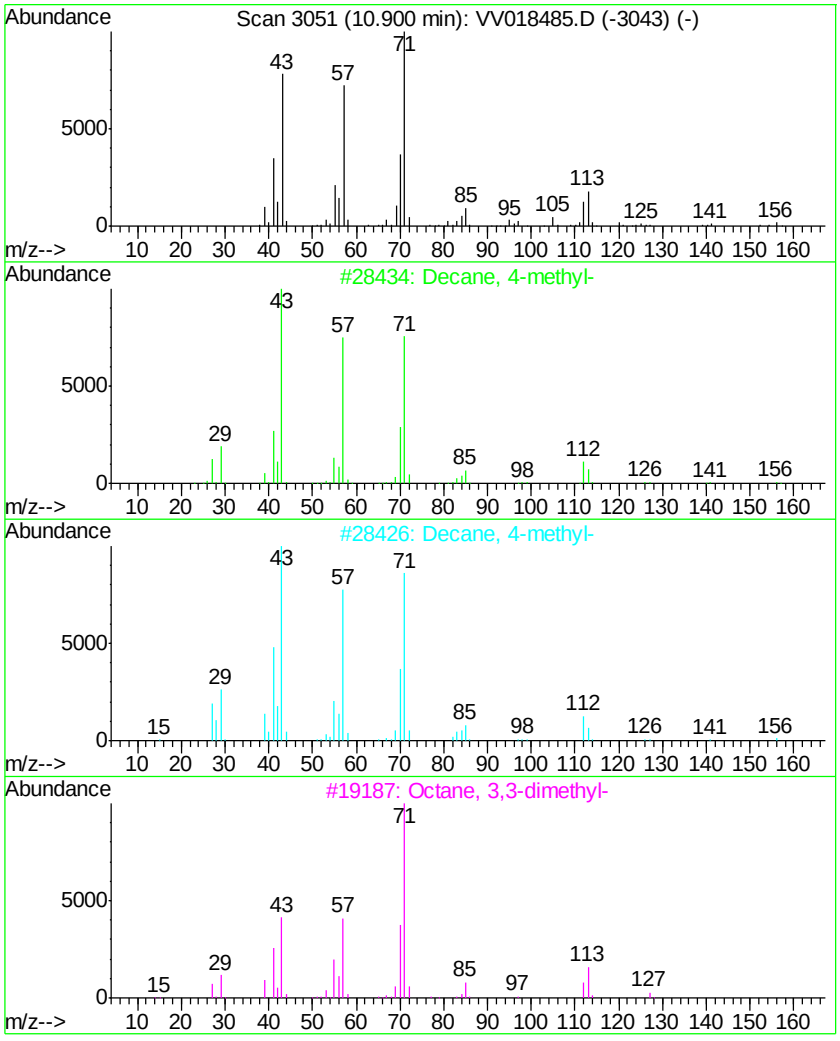
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

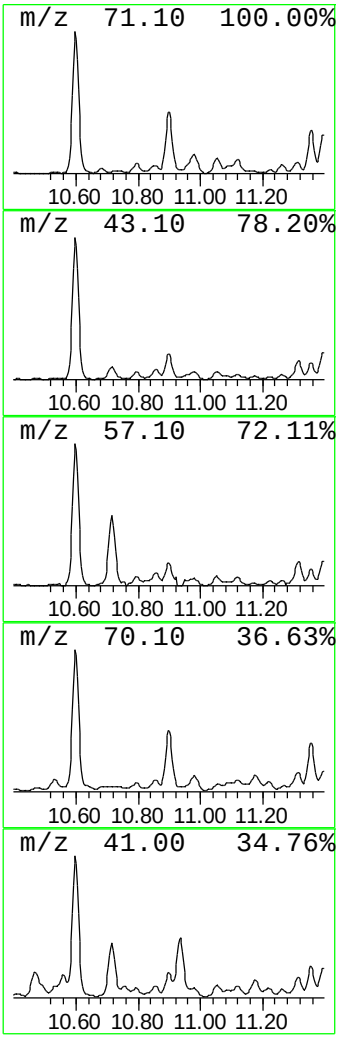
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	8.37 ug/L	209131	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	83
2	Decane, 4-methyl-	156	C11H24	002847-72-5	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
5	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

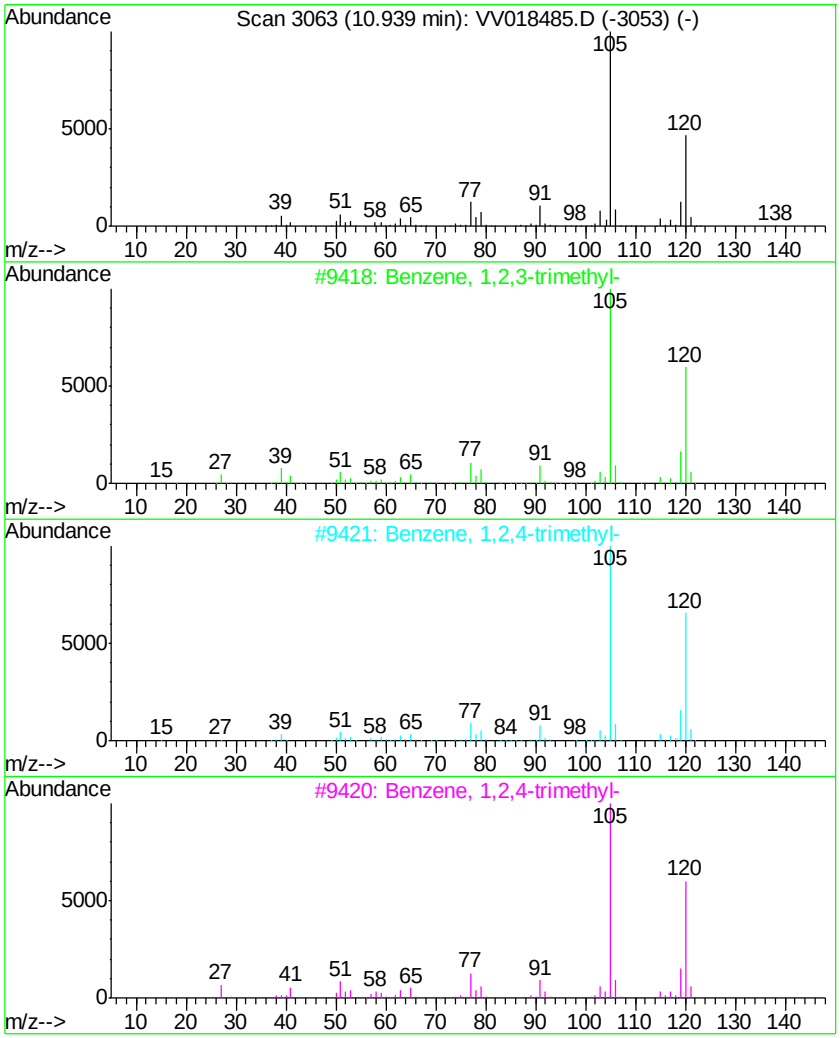
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

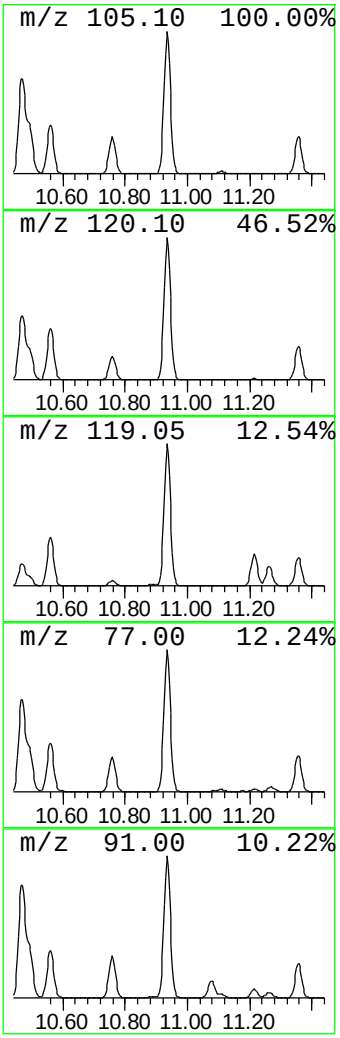
****

Peak Number 30 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	261.10 ug/L	6523150	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\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

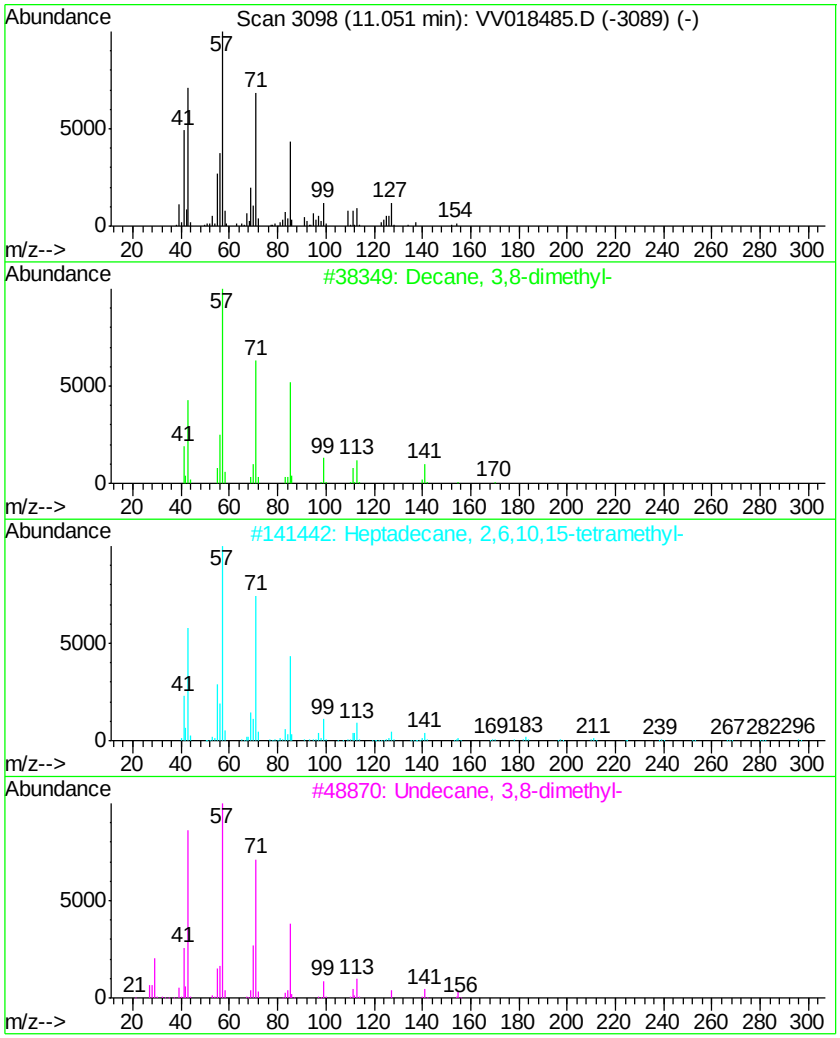
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

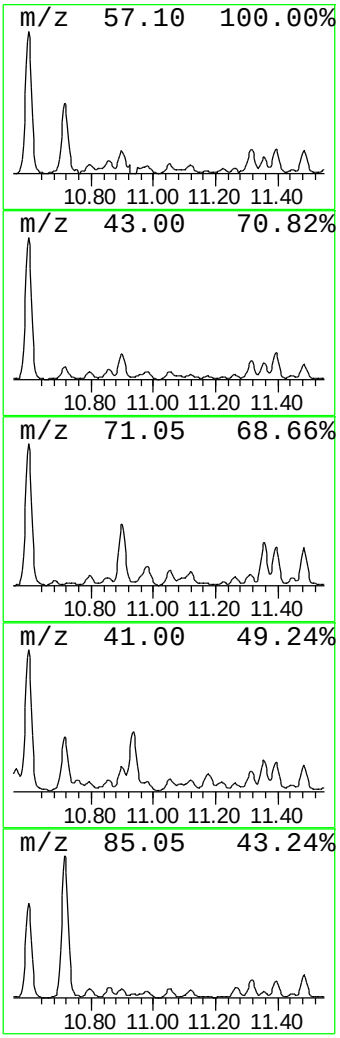
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	6.17 ug/L	154052	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	53
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

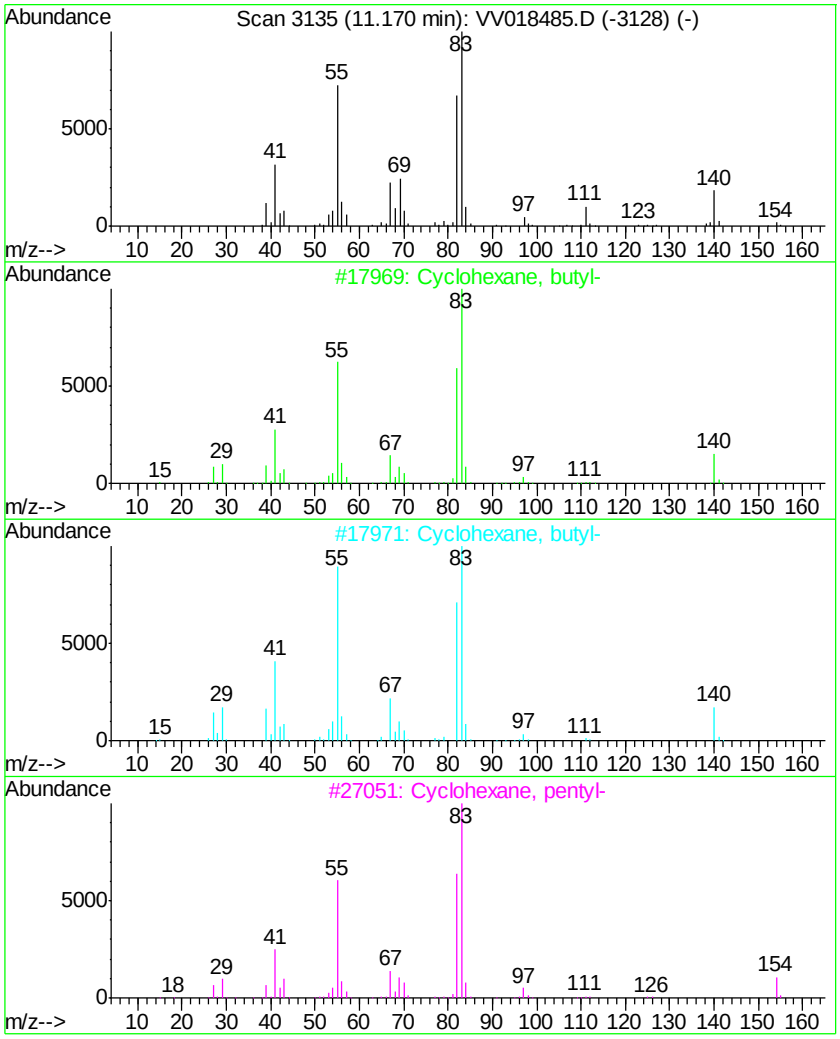
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

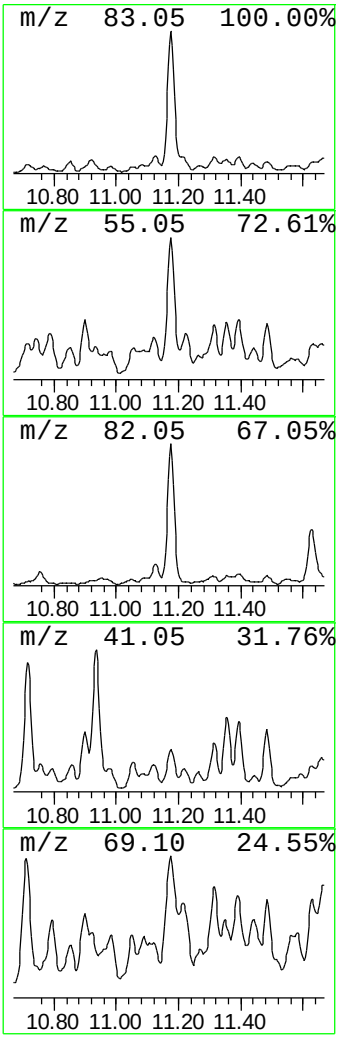
****

Peak Number 32 (DEL) Alkane: Cyclic11.17 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	9.00 ug/L	224904	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	93
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

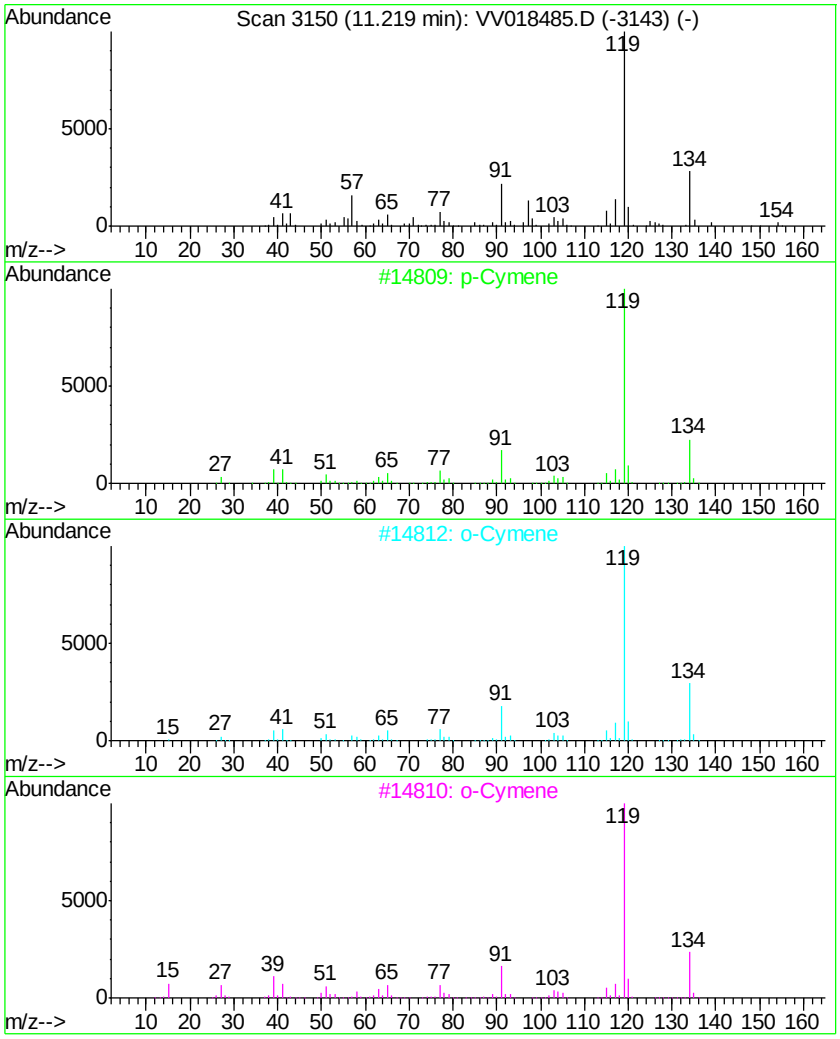
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

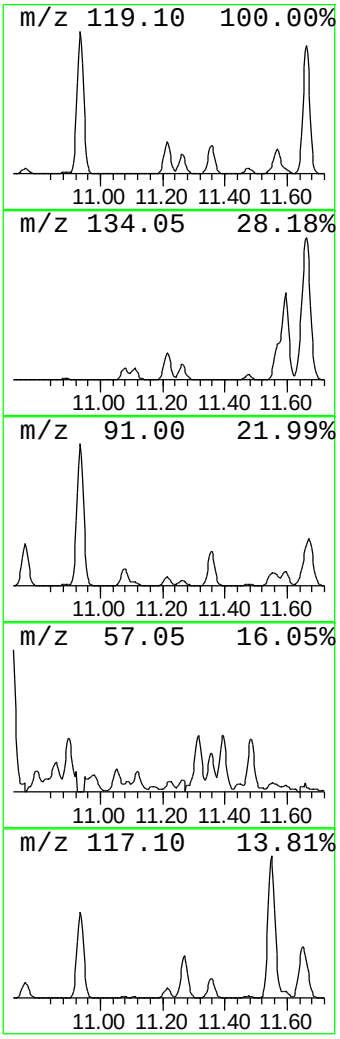
****

Peak Number 33 p-Cymene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	8.96 ug/L	223805	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

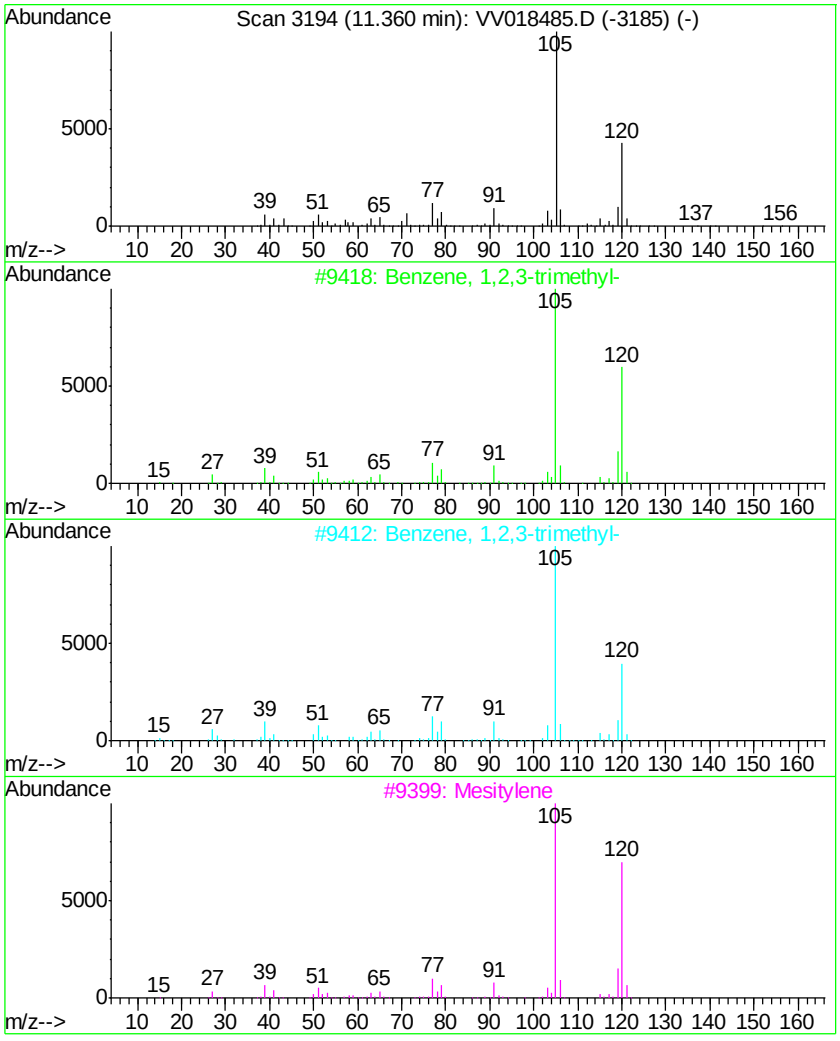
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

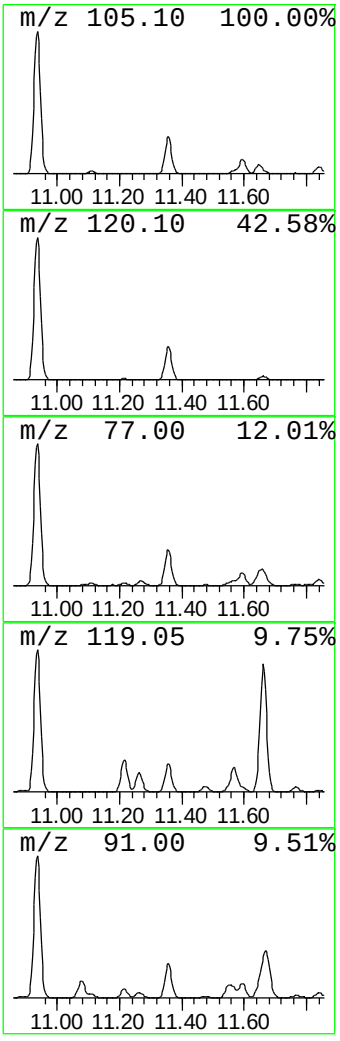
****

Peak Number 34 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	75.98 ug/L	1898300	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

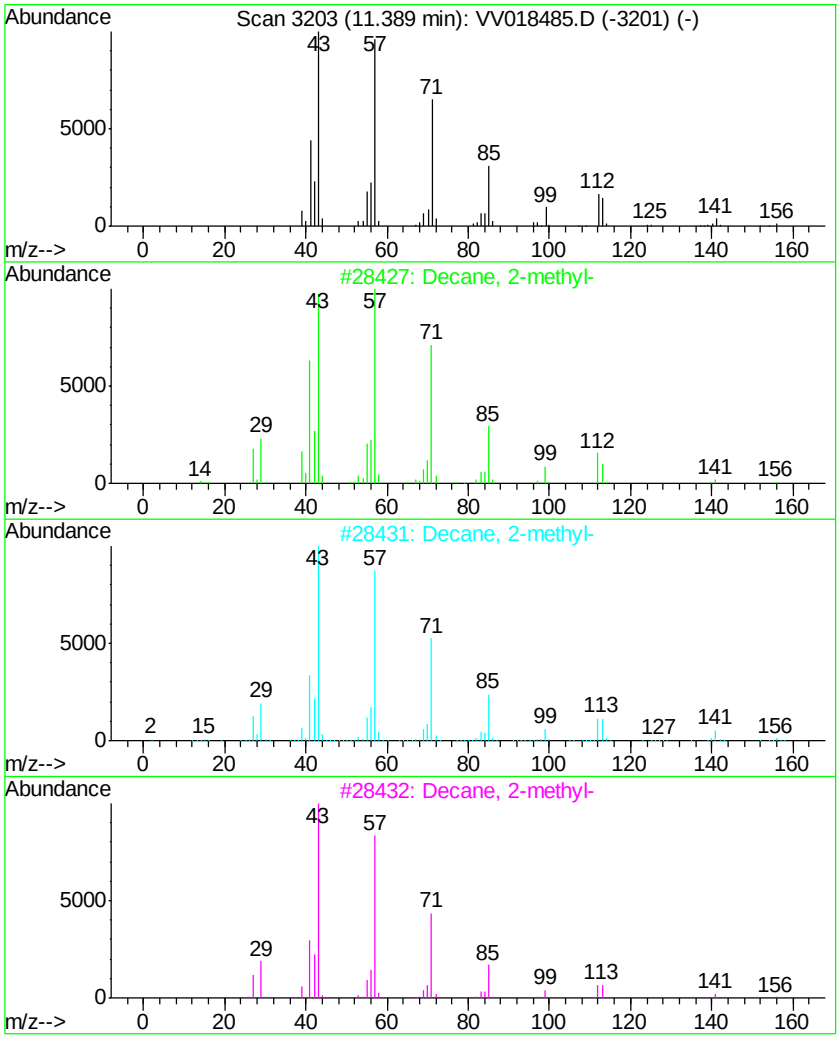
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

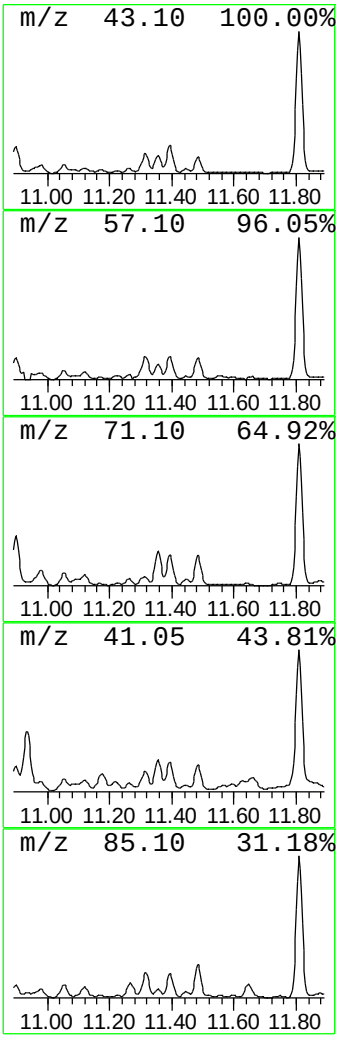
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	10.43 ug/L	260548	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	95
2	Decane, 2-methyl-	156	C11H24	006975-98-0	94
3	Decane, 2-methyl-	156	C11H24	006975-98-0	94
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	59
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

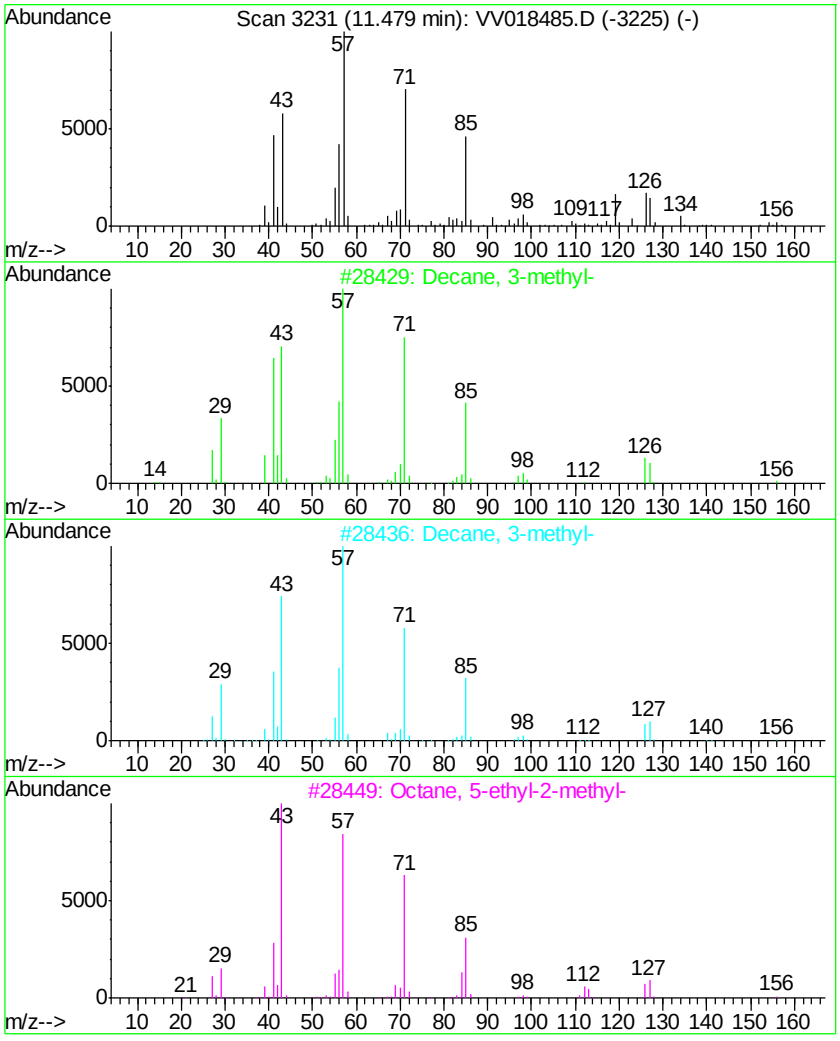
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

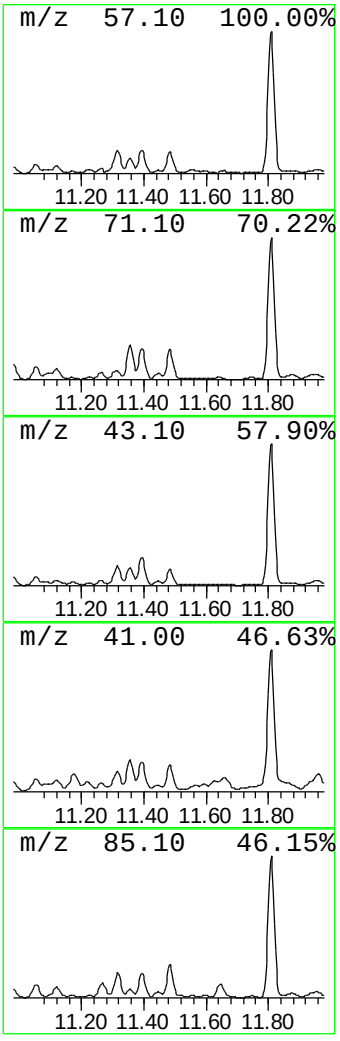
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	12.49 ug/L	312082	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	78
2	Decane, 3-methyl-	156	C11H24	013151-34-3	72
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	50
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

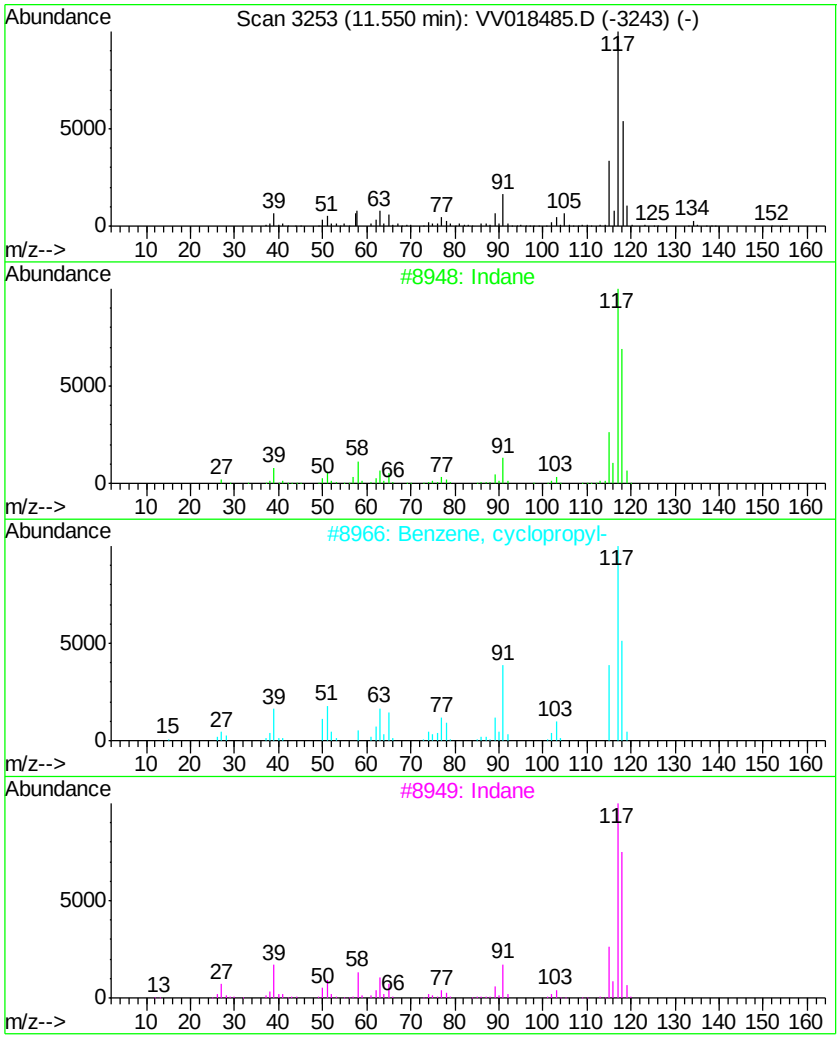
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

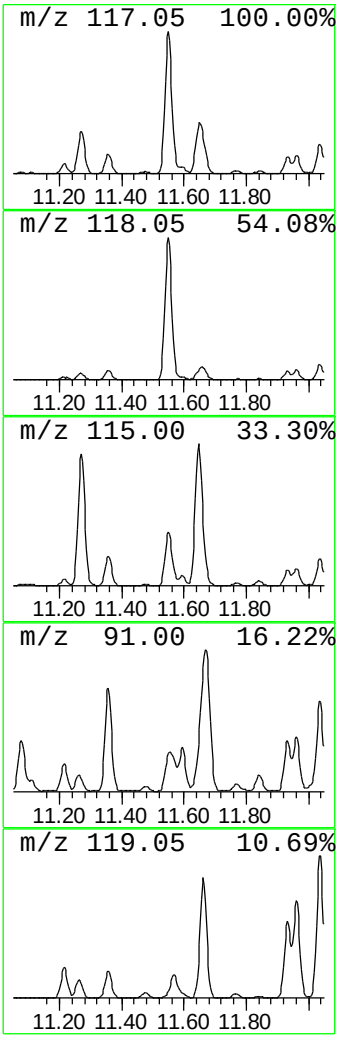
****

Peak Number 37 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	25.54 ug/L	637975	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

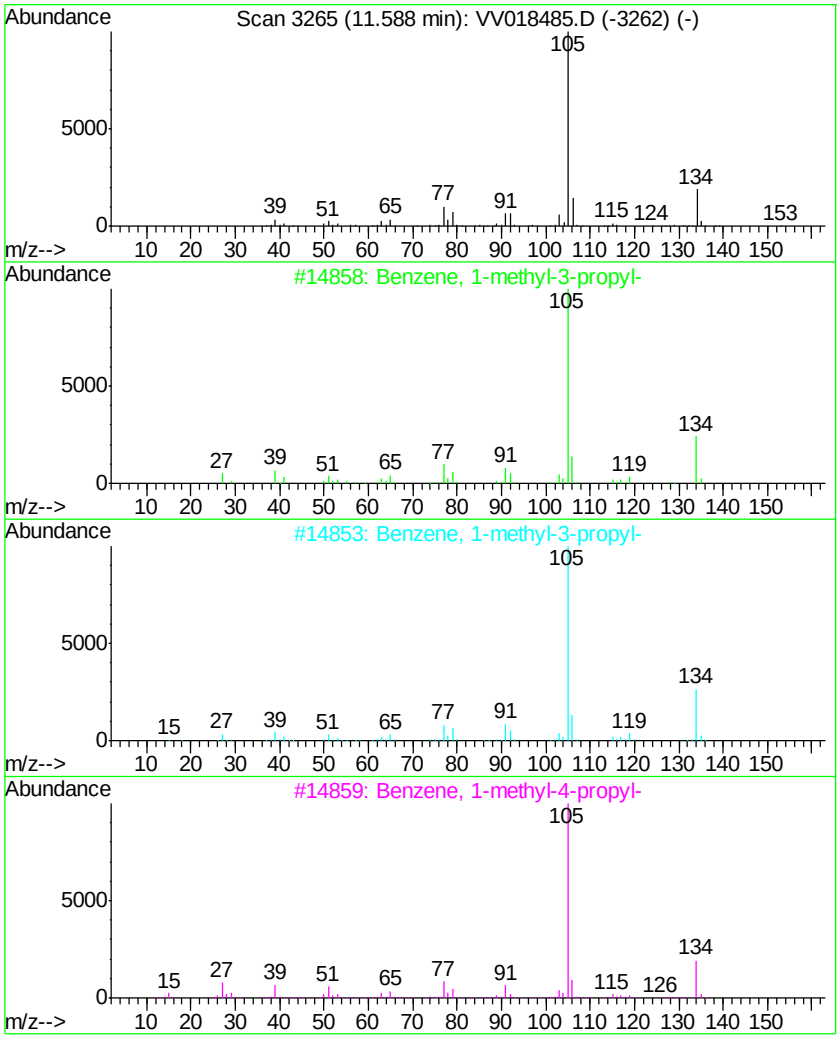
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

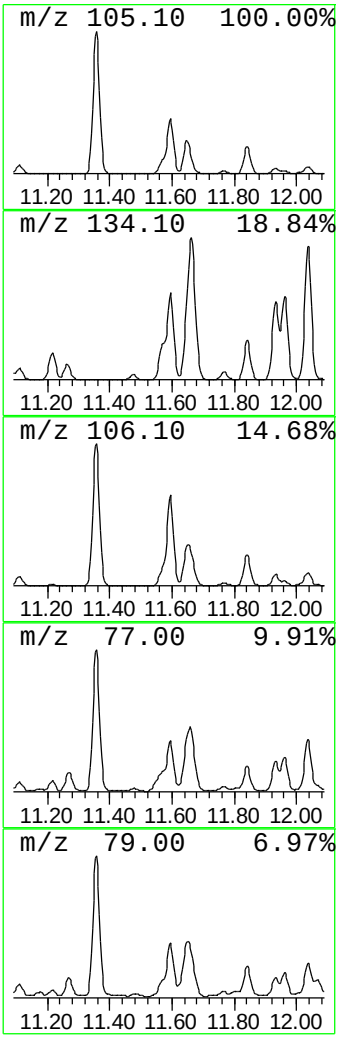
****

Peak Number 38 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	21.95 ug/L	548454	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-2-propyl-	134	C10H14	001074-17-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

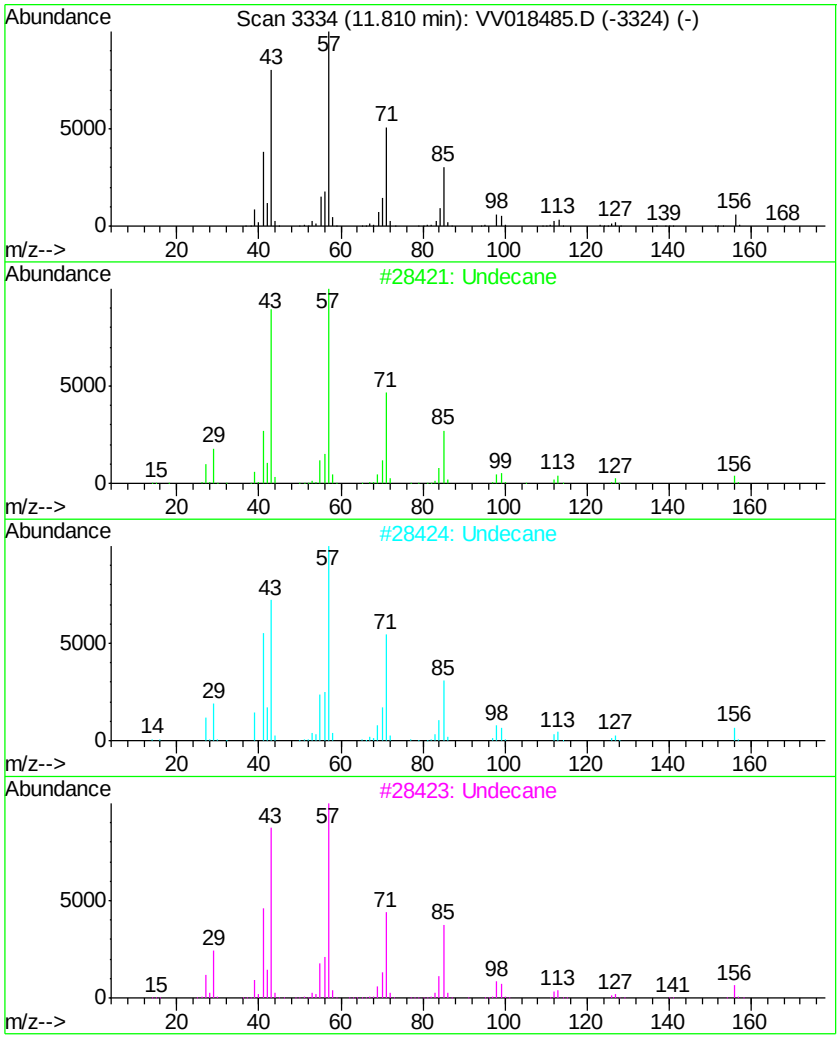
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

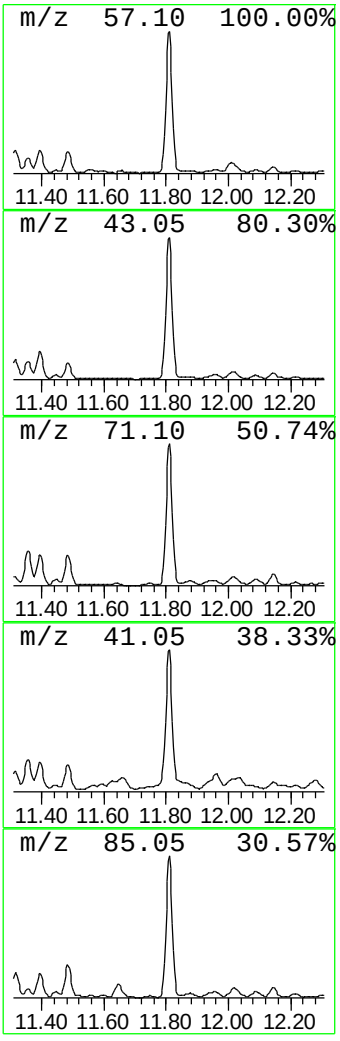
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	59.61 ug/L	1489200	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	97
2	Undecane	156	C11H24	001120-21-4	96
3	Undecane	156	C11H24	001120-21-4	93
4	Undecane	156	C11H24	001120-21-4	90
5	Decane	142	C10H22	000124-18-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

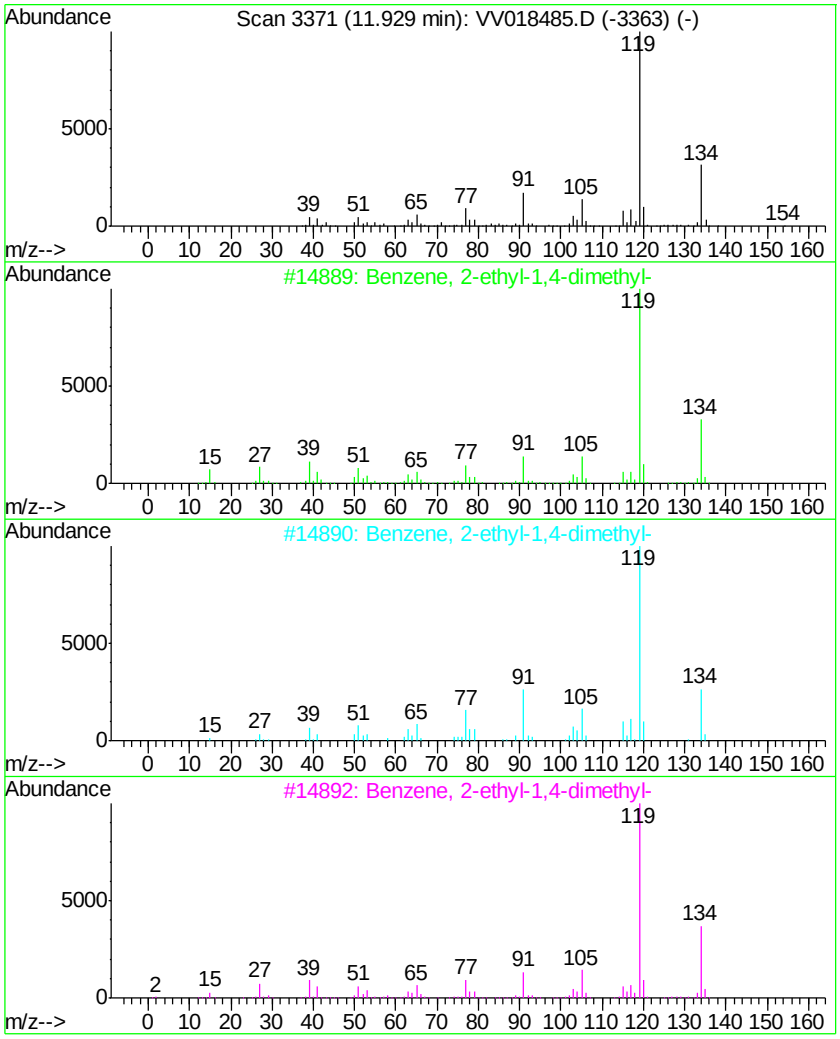
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

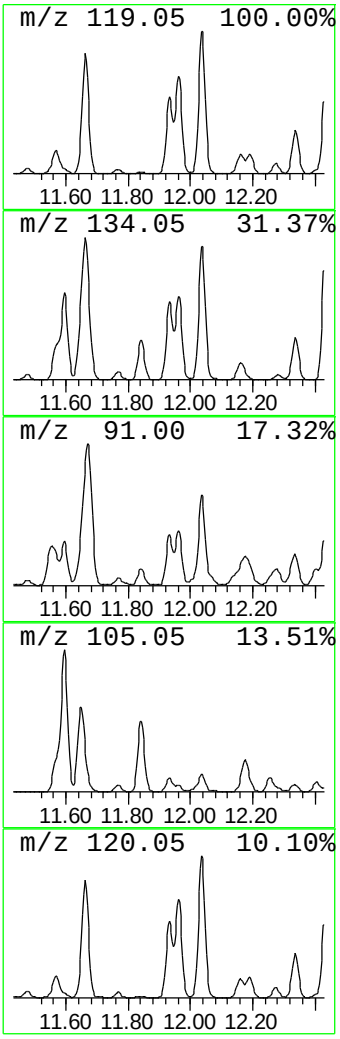
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	19.65 ug/L	490927	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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

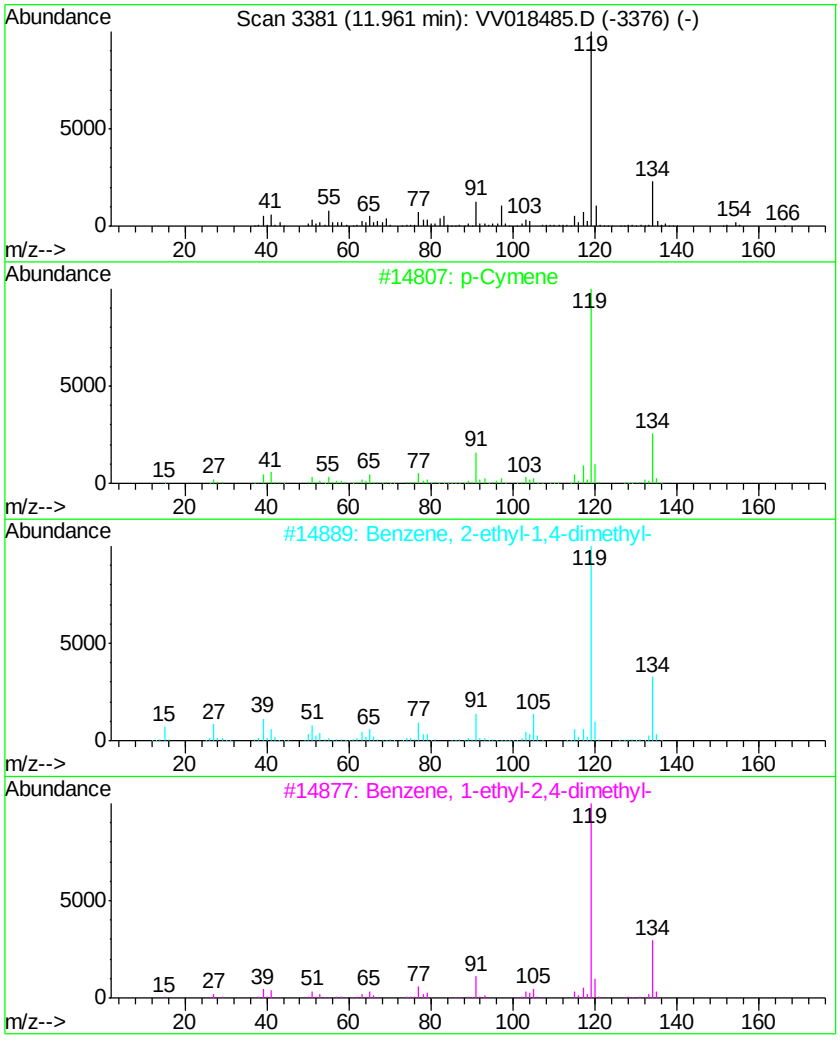
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

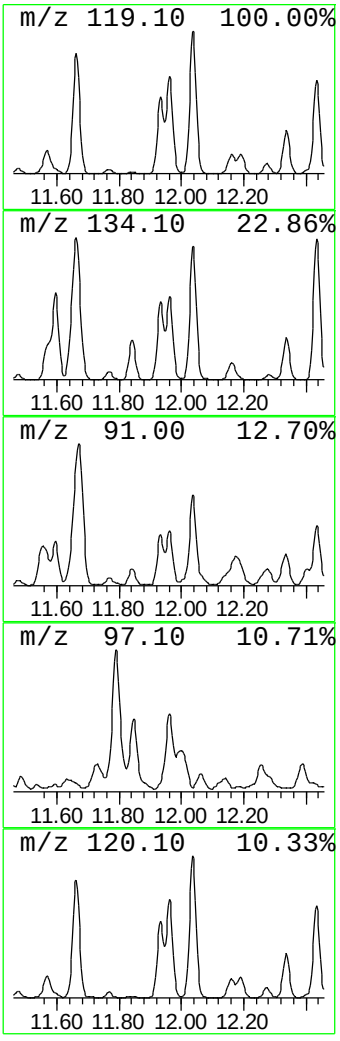
****

Peak Number 41 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	24.52 ug/L	612505	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

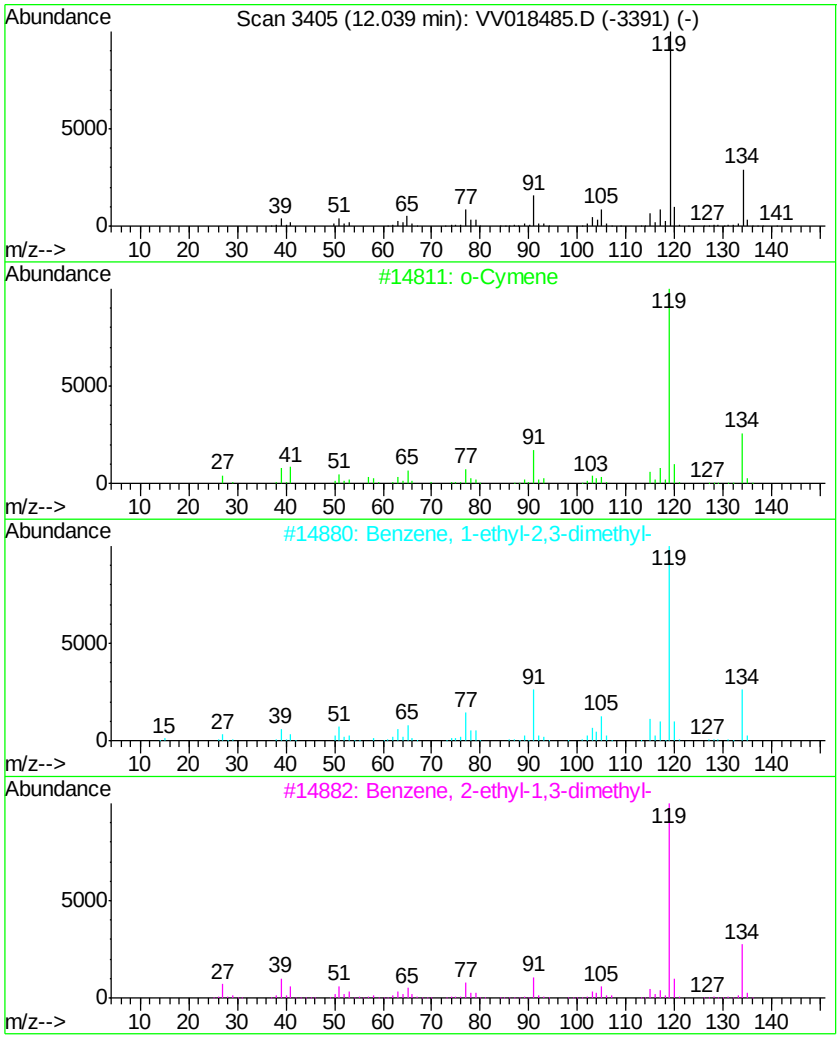
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

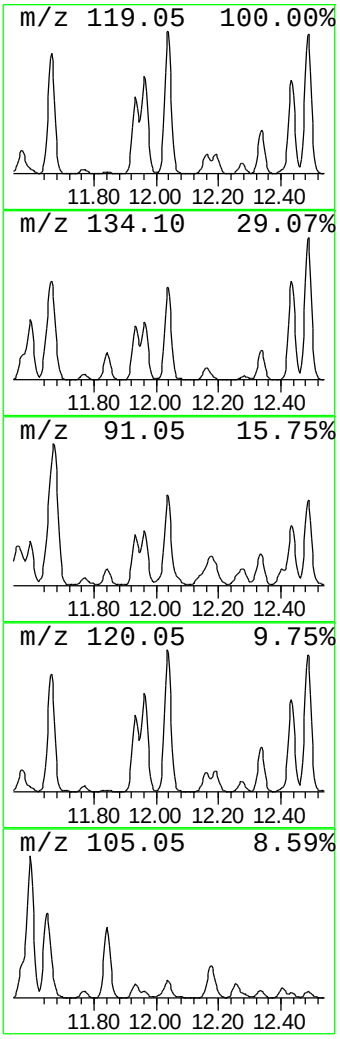
****

Peak Number 42 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	45.49 ug/L	1136400	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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

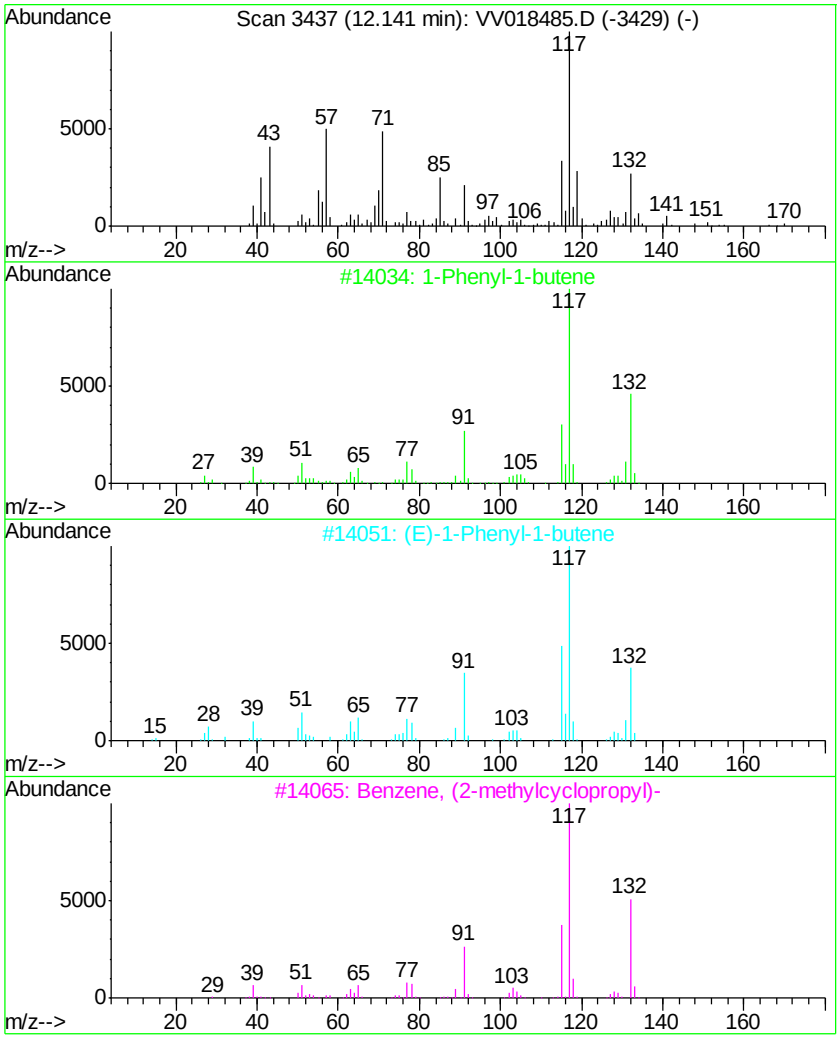
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

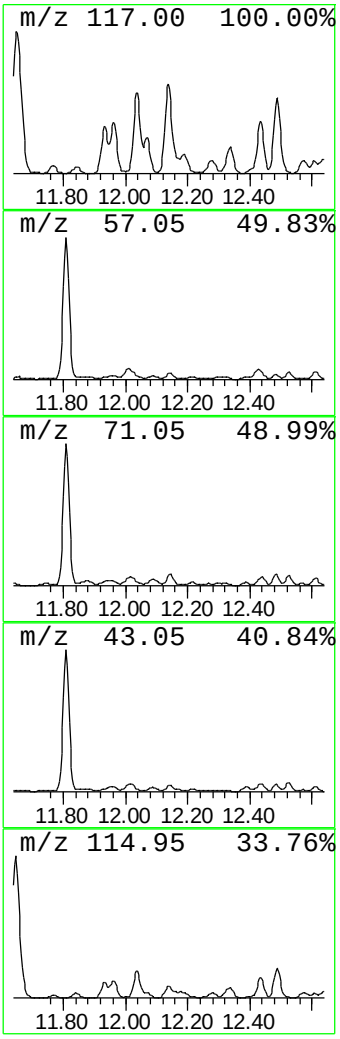
****

Peak Number 43 1-Phenyl-1-butene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.69 ug/L	167222	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	64
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	51
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

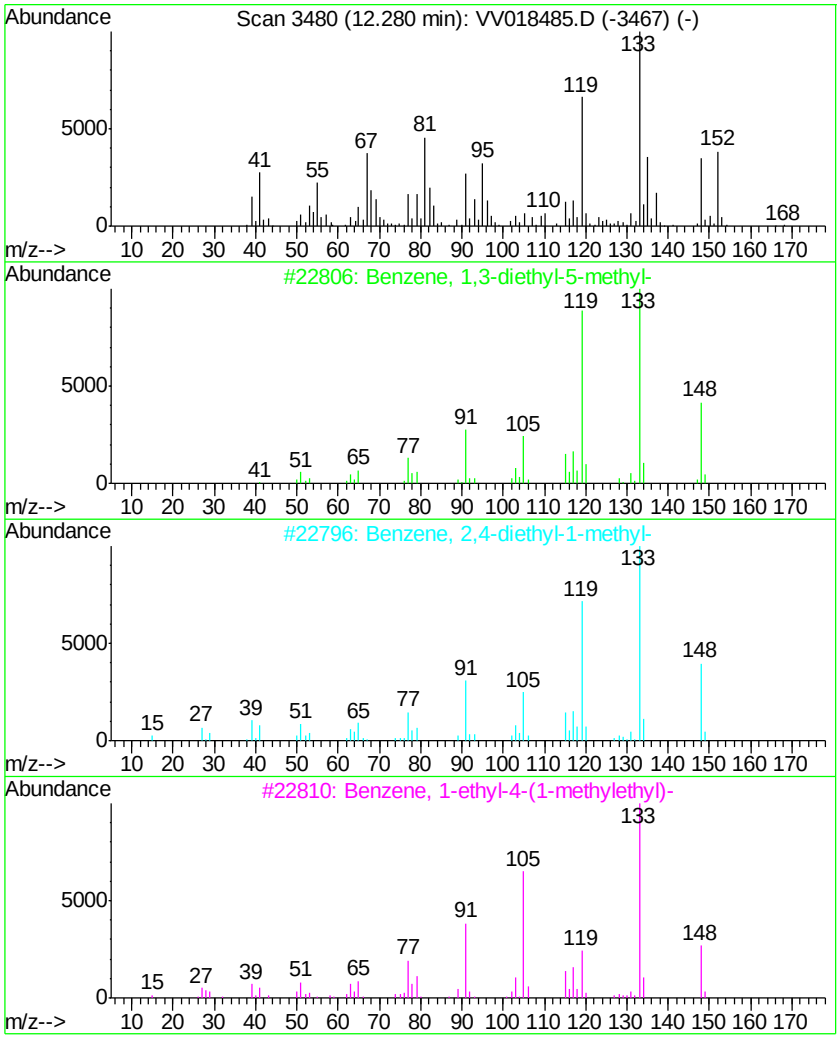
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

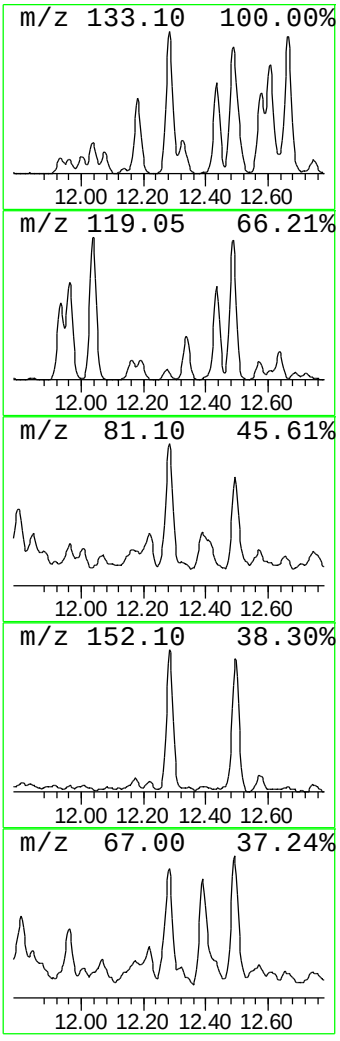
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	15.60 ug/L	389858	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	66
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	46
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

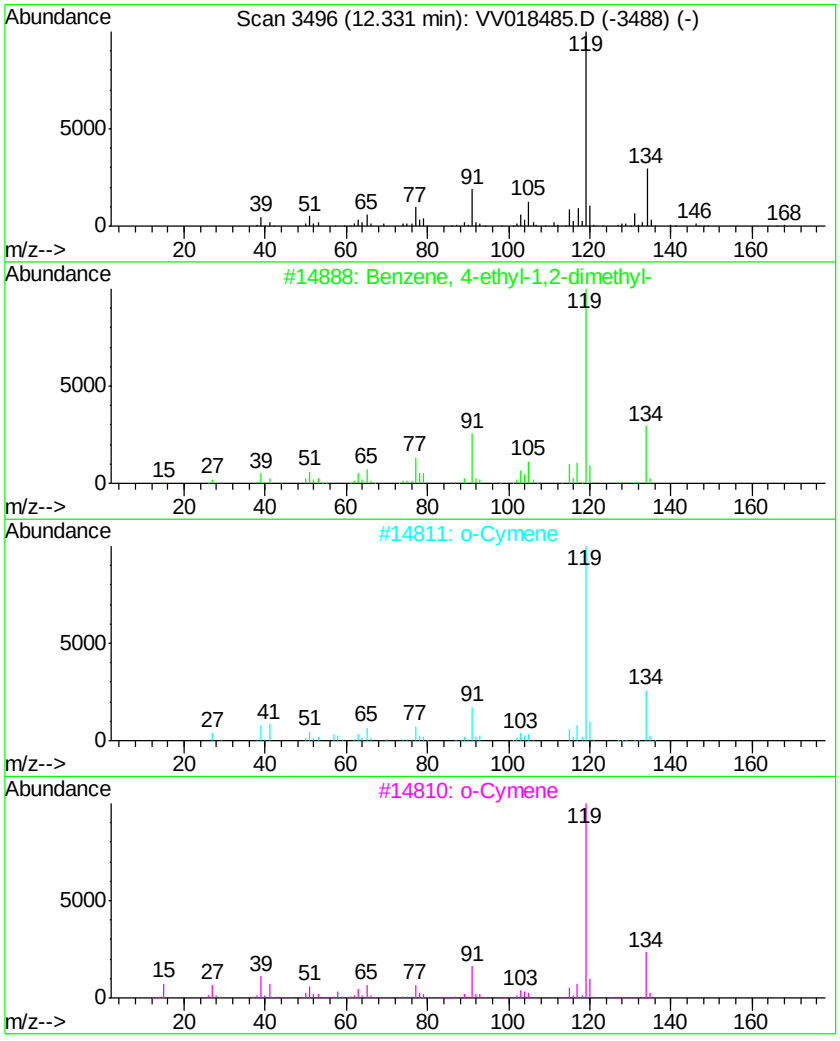
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

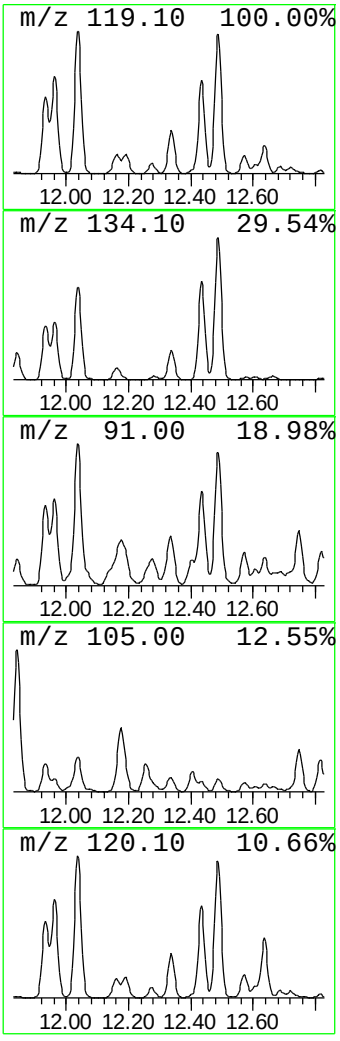
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	13.05 ug/L	325974	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

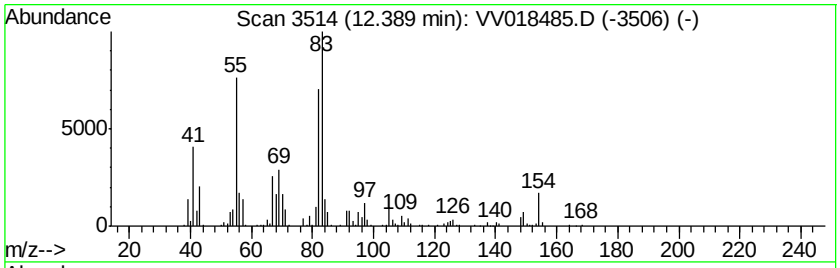
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

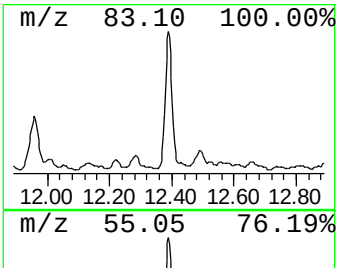
****

Peak Number 46 (DEL) Alkane: Cyclic12.39 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	12.84 ug/L	320839	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

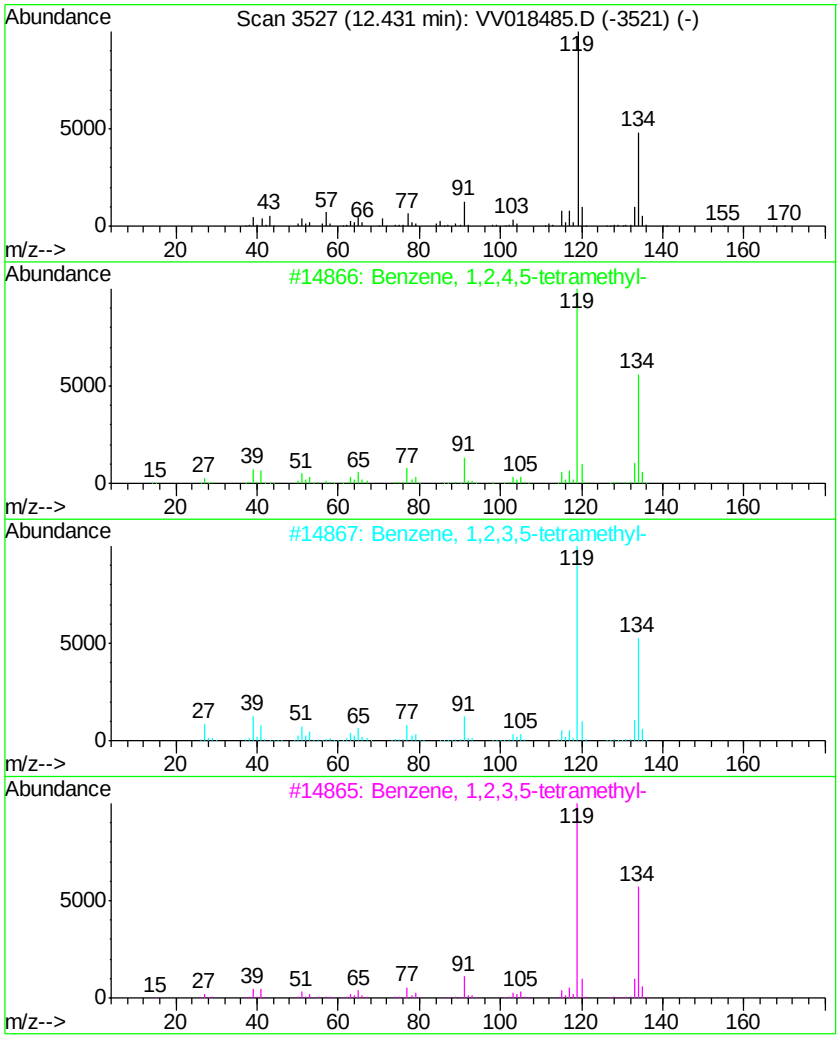
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

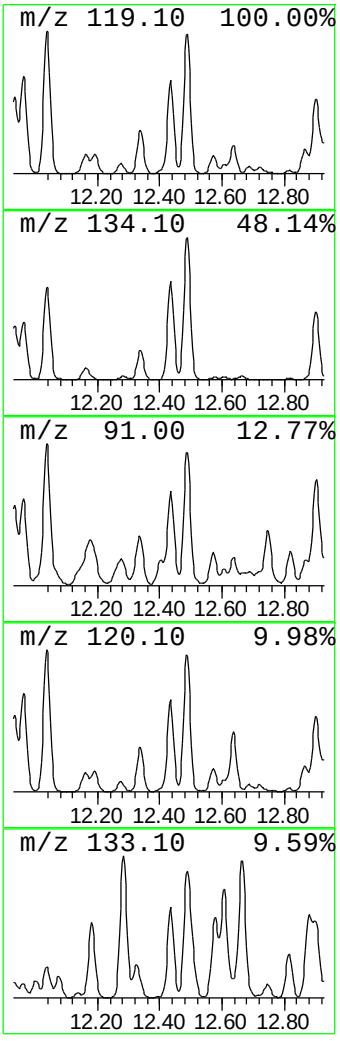
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	25.21 ug/L	629866	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

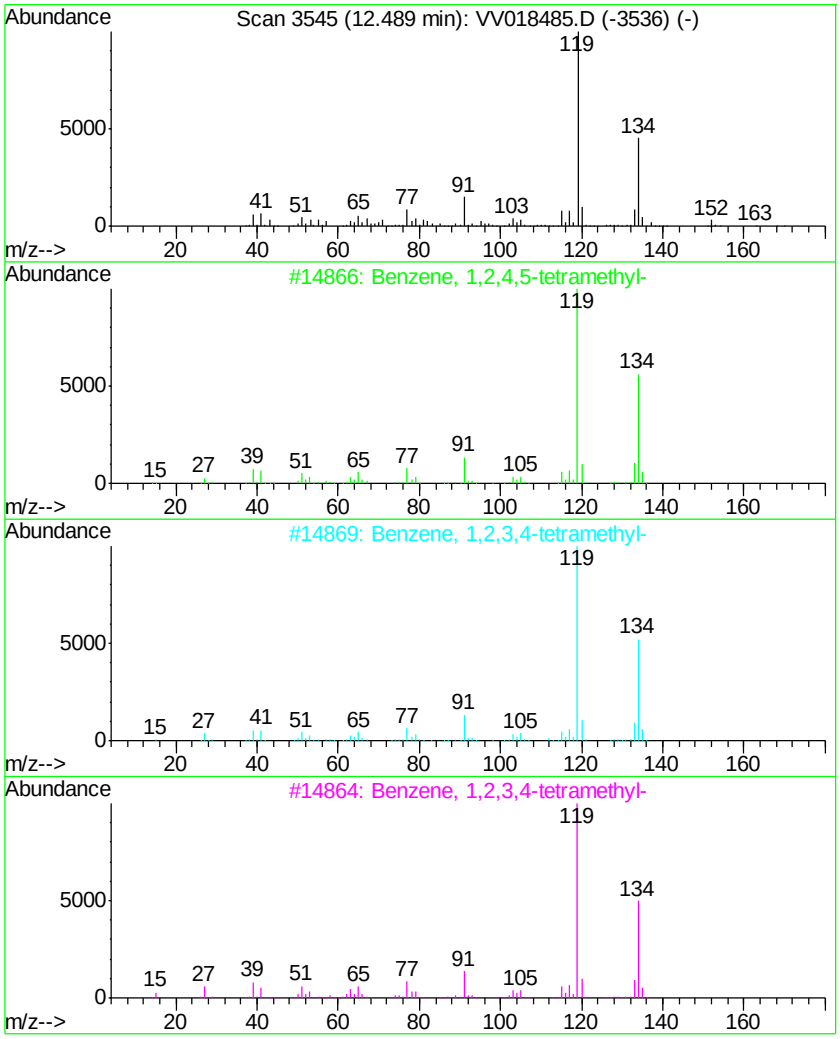
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

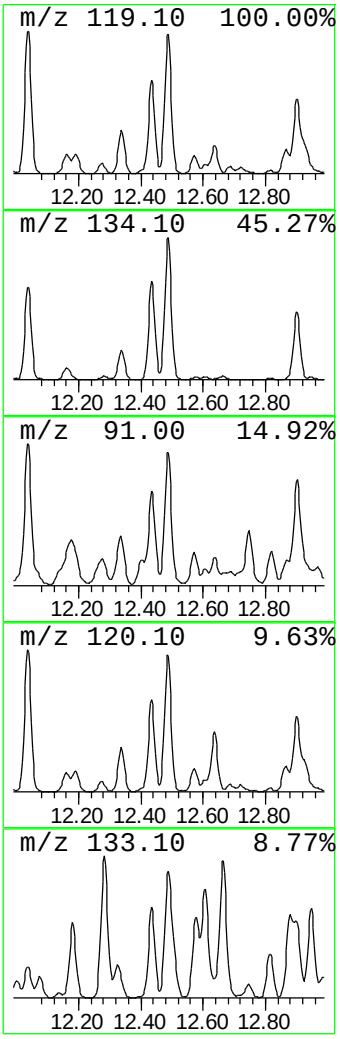
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	39.74 ug/L	992736	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

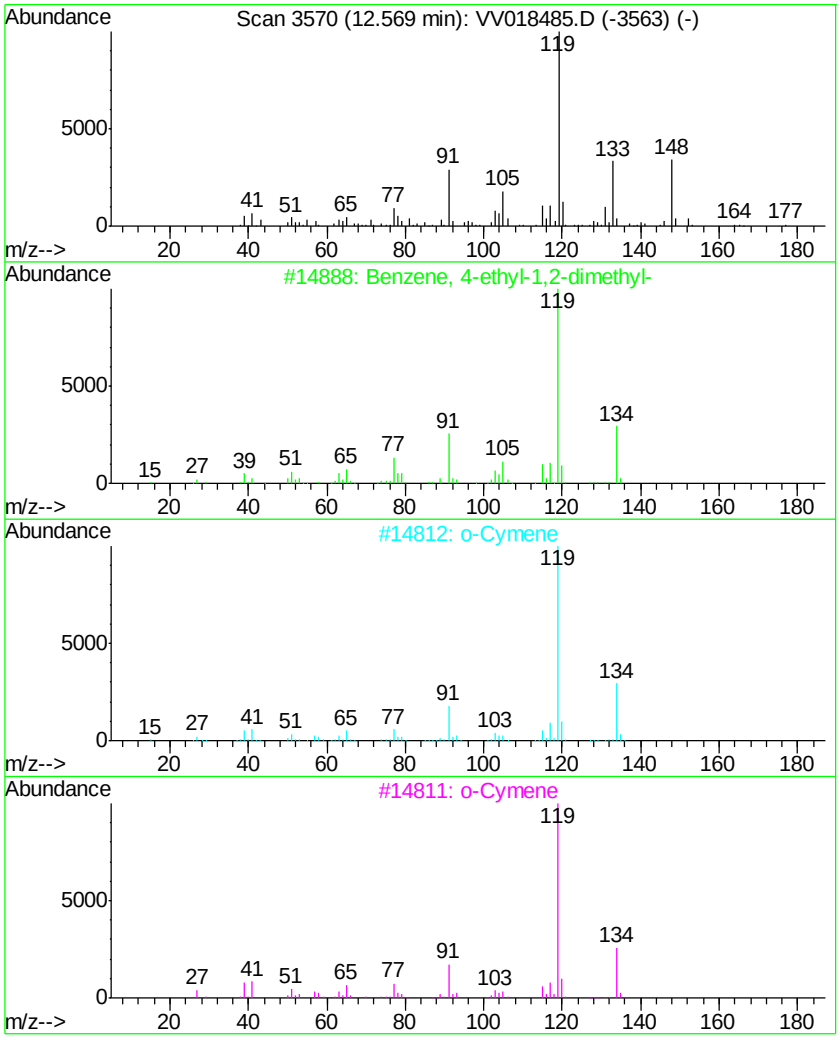
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

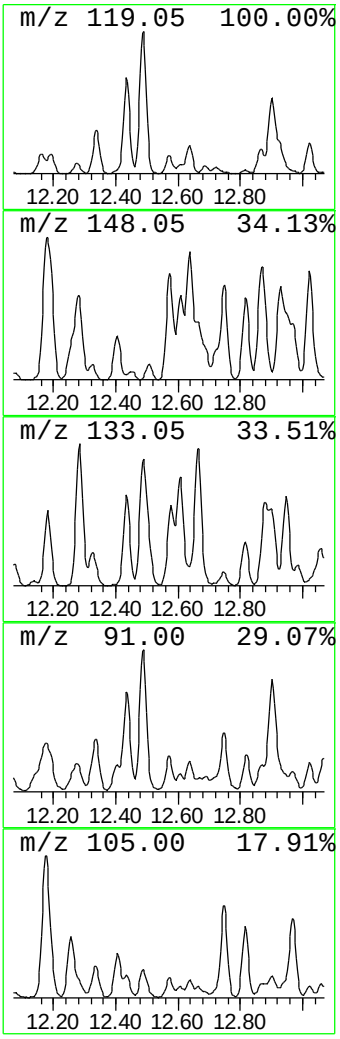
****

Peak Number 49 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	6.43 ug/L	160690	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2	o-Cymene	134	C10H14	000527-84-4	55
3	o-Cymene	134	C10H14	000527-84-4	55
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

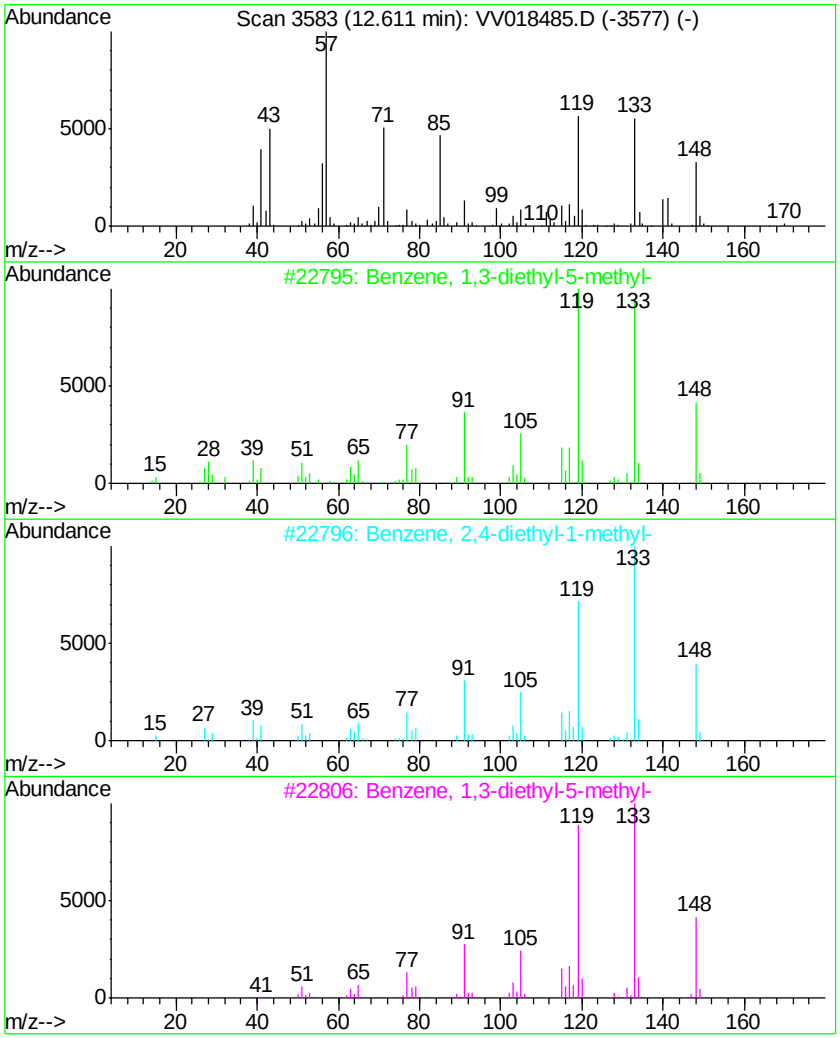
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

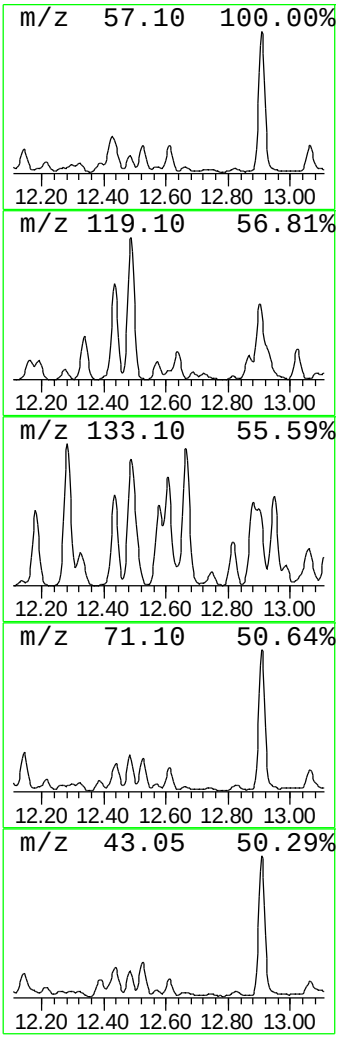
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.38 ug/L	84415	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	90
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

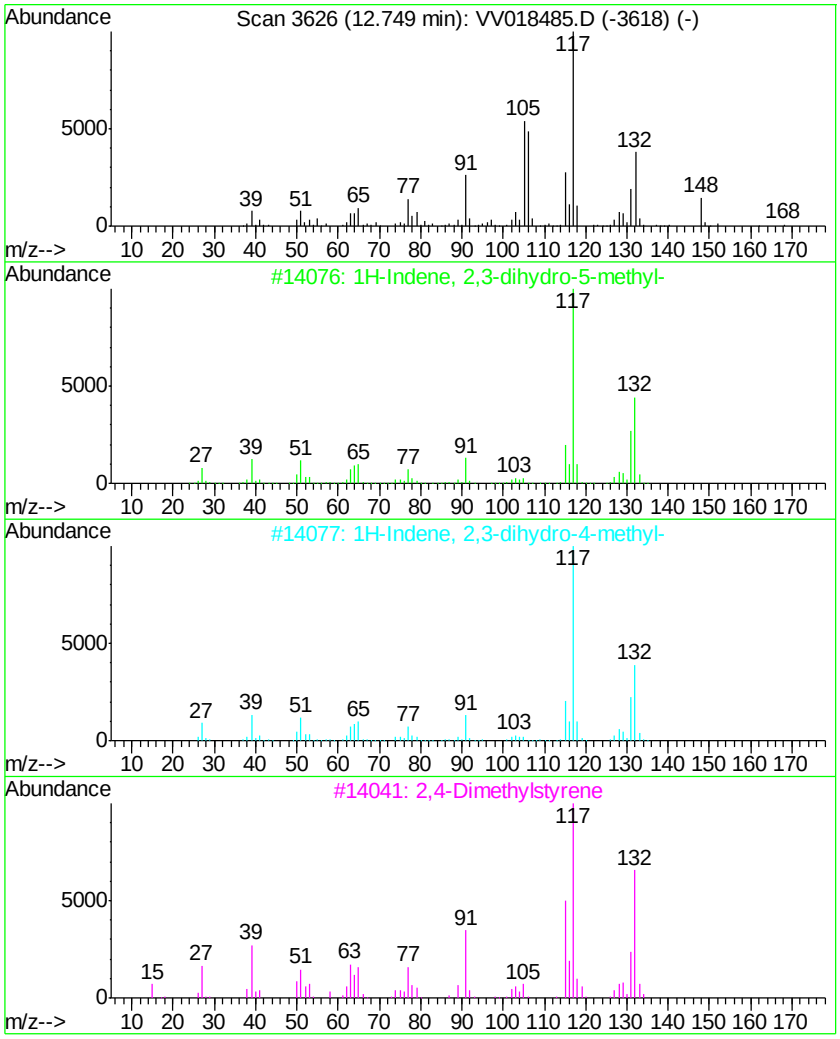
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

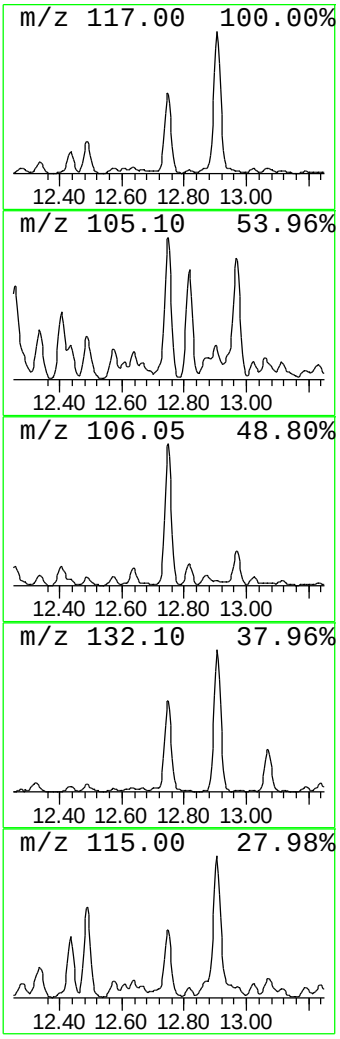
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	14.59 ug/L	364592	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	92
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	89
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

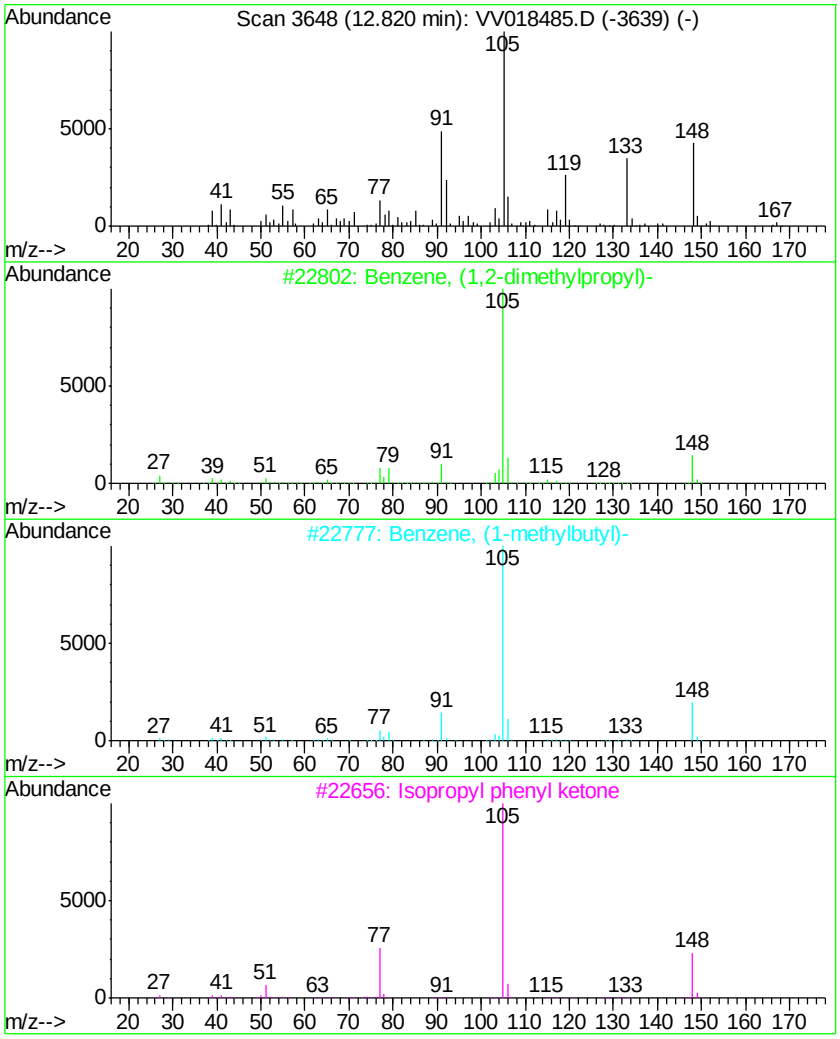
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

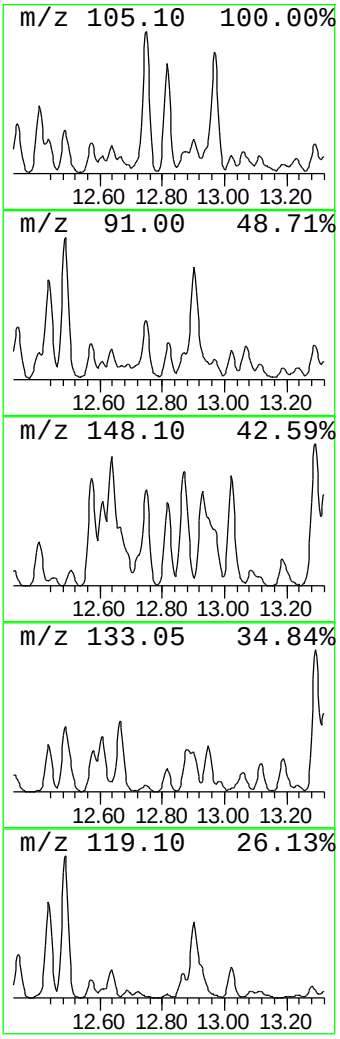
****

Peak Number 52 unknown-01 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	5.65 ug/L	141153	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	43
2	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38
3	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	35
4	3-Phenylpropionic acid, 2-fluoro...	244	C15H13FO2	1000325-75-9	27
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	14





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

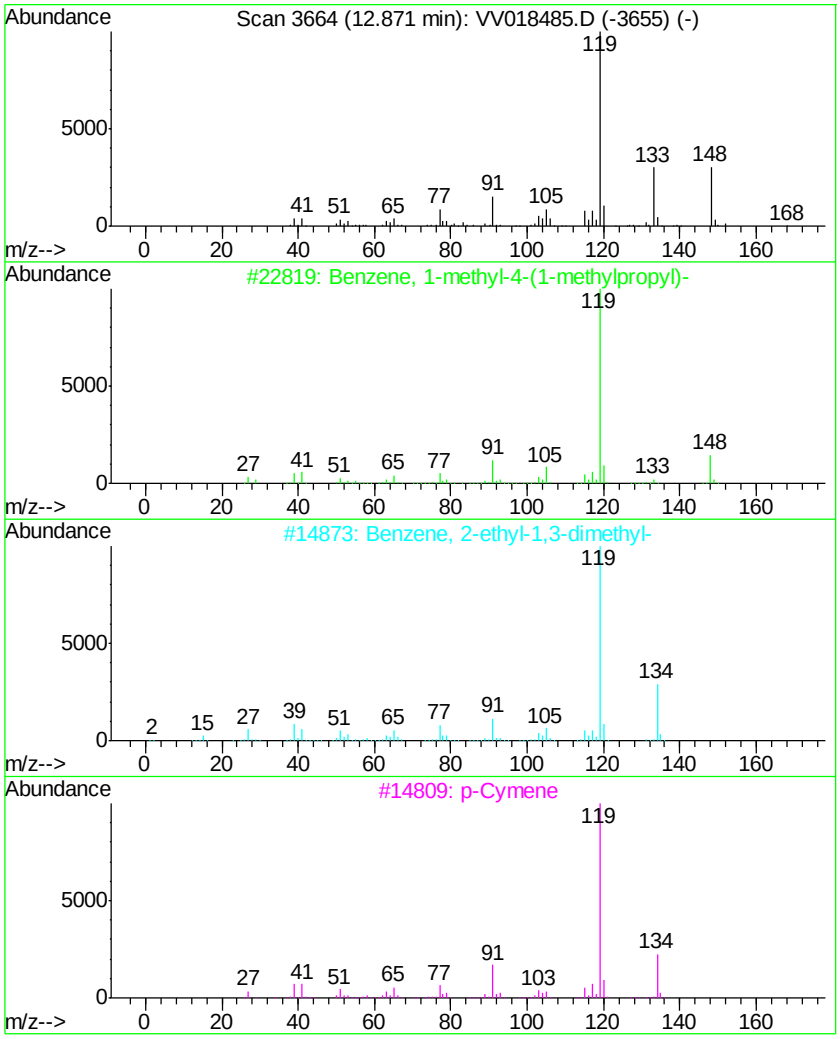
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

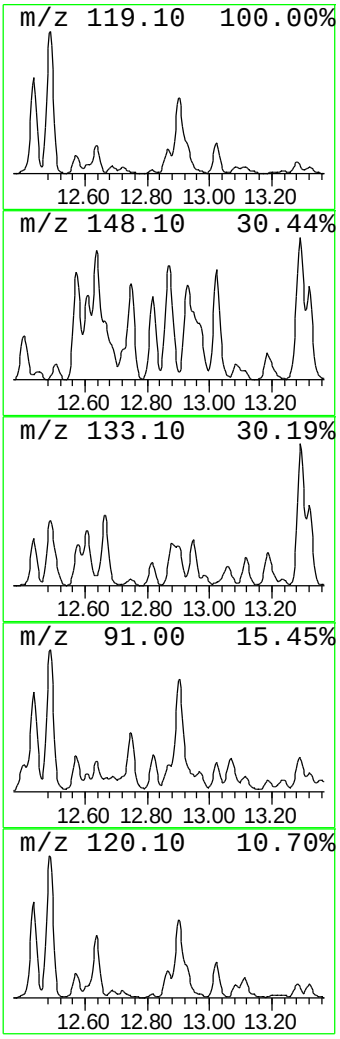
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1-methyl-4-(1-meth... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.21 ug/L	105269	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3	p-Cymene	134	C10H14	000099-87-6	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

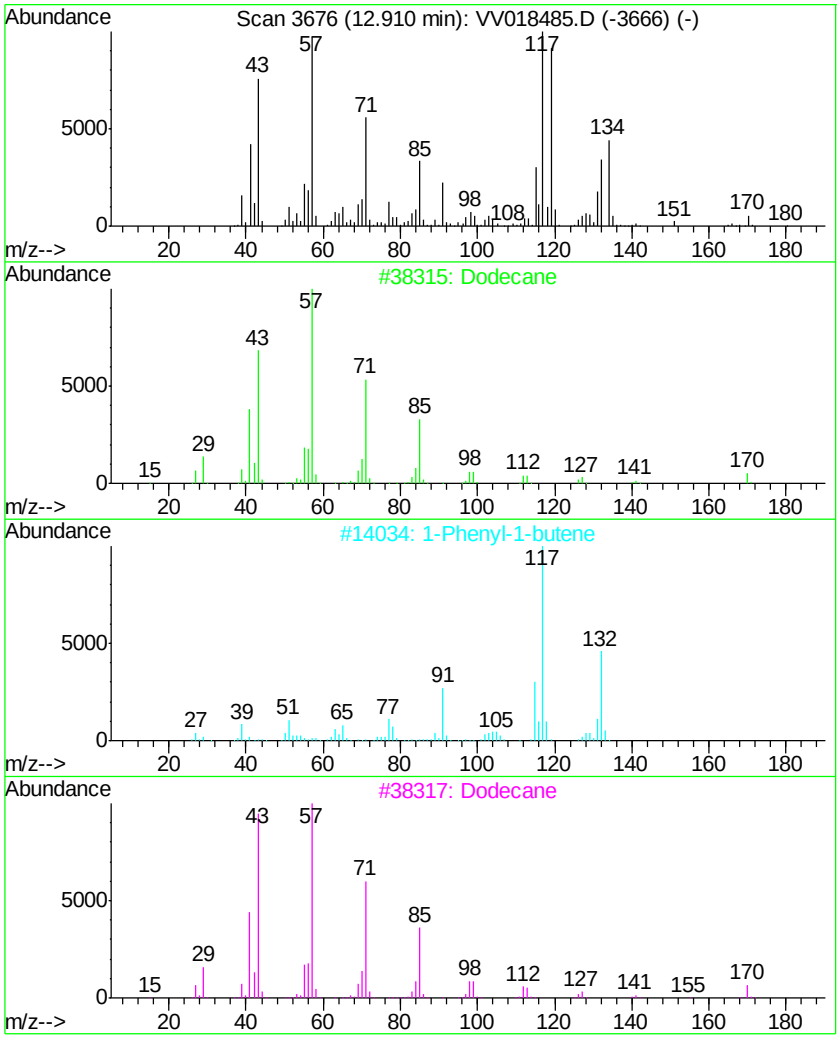
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

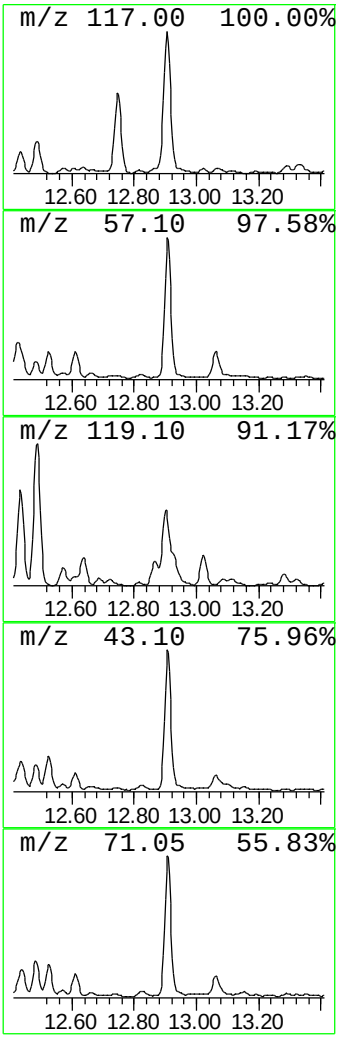
****

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	50.84 ug/L	1270070	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	78
3	Dodecane	170	C12H26	000112-40-3	53
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	53
5	p-Cymene	134	C10H14	000099-87-6	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

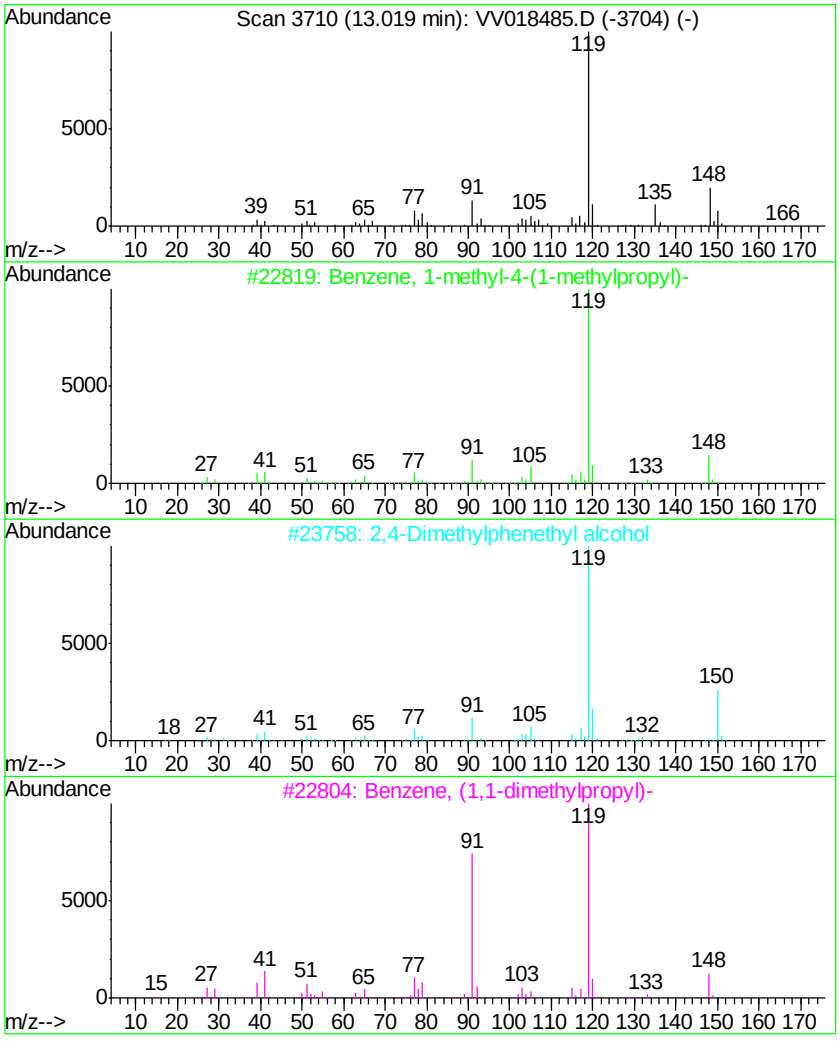
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

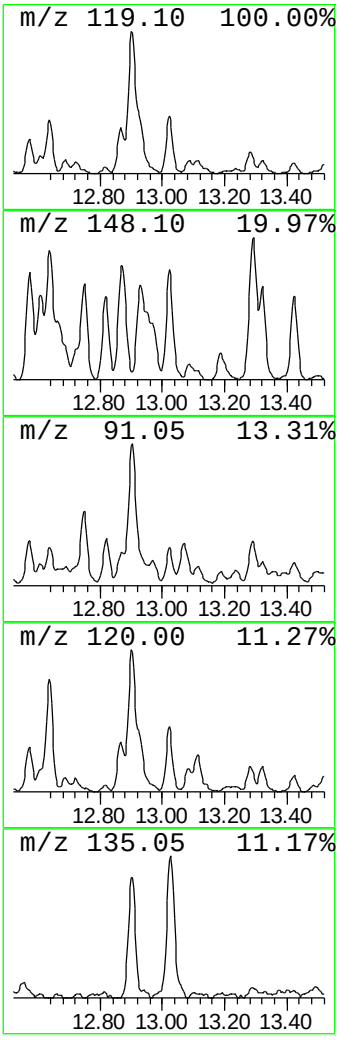
****

Peak Number 55 2,4-Dimethylphenethyl alcohol Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	5.62 ug/L	140304	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
2	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	68
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

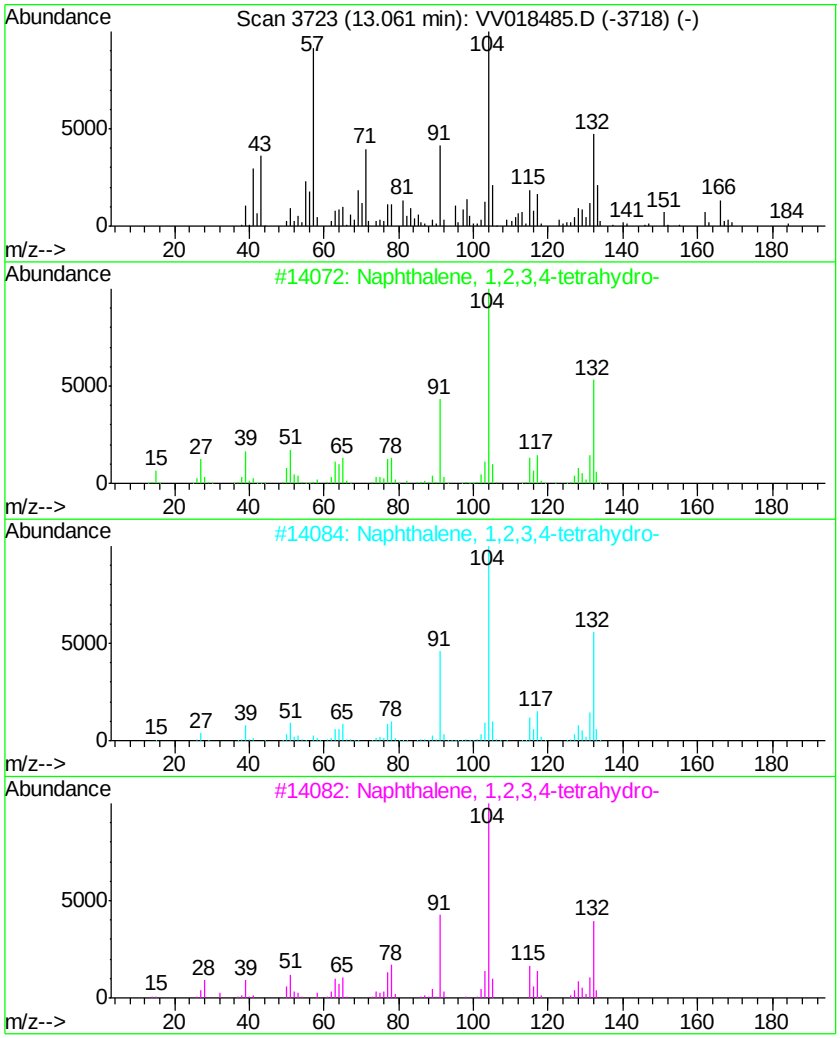
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

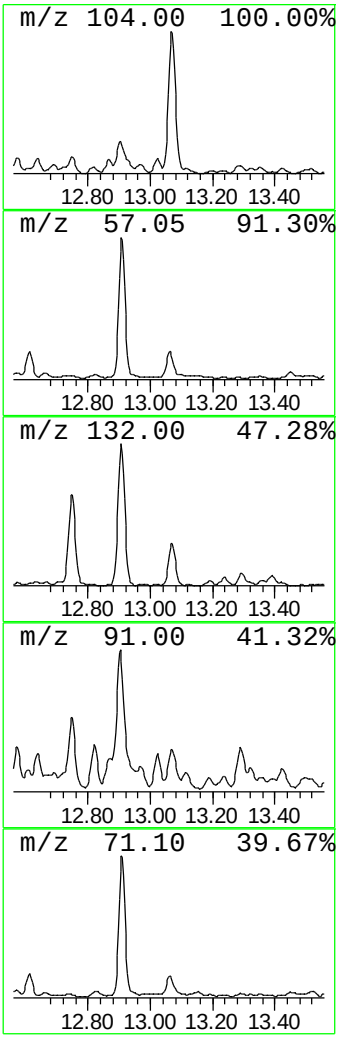
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	7.57 ug/L	189170	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

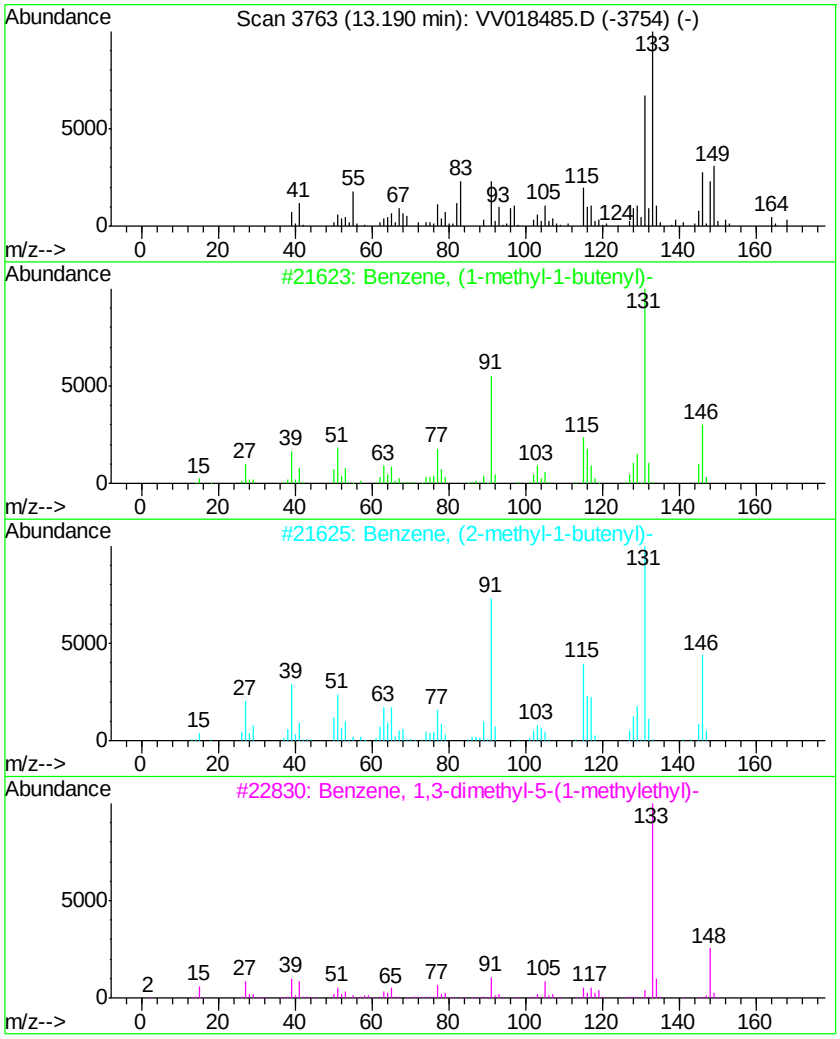
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

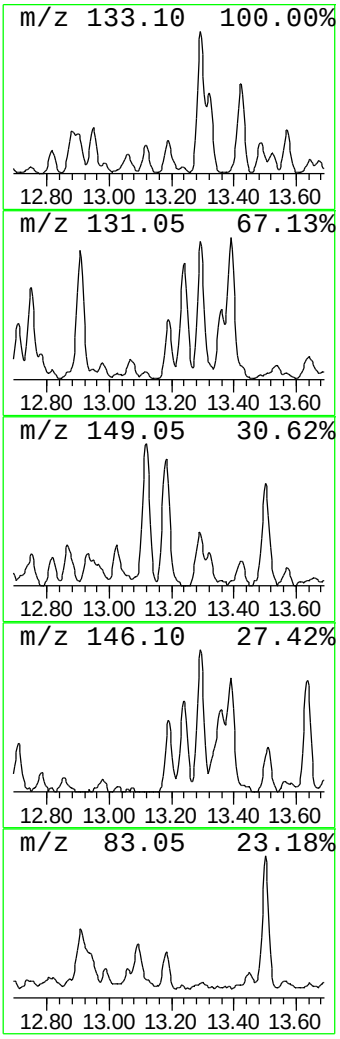
****

Peak Number 57 Benzene, (1-methyl-1-butenyl)- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.45 ug/L	86150	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	51
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	46
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

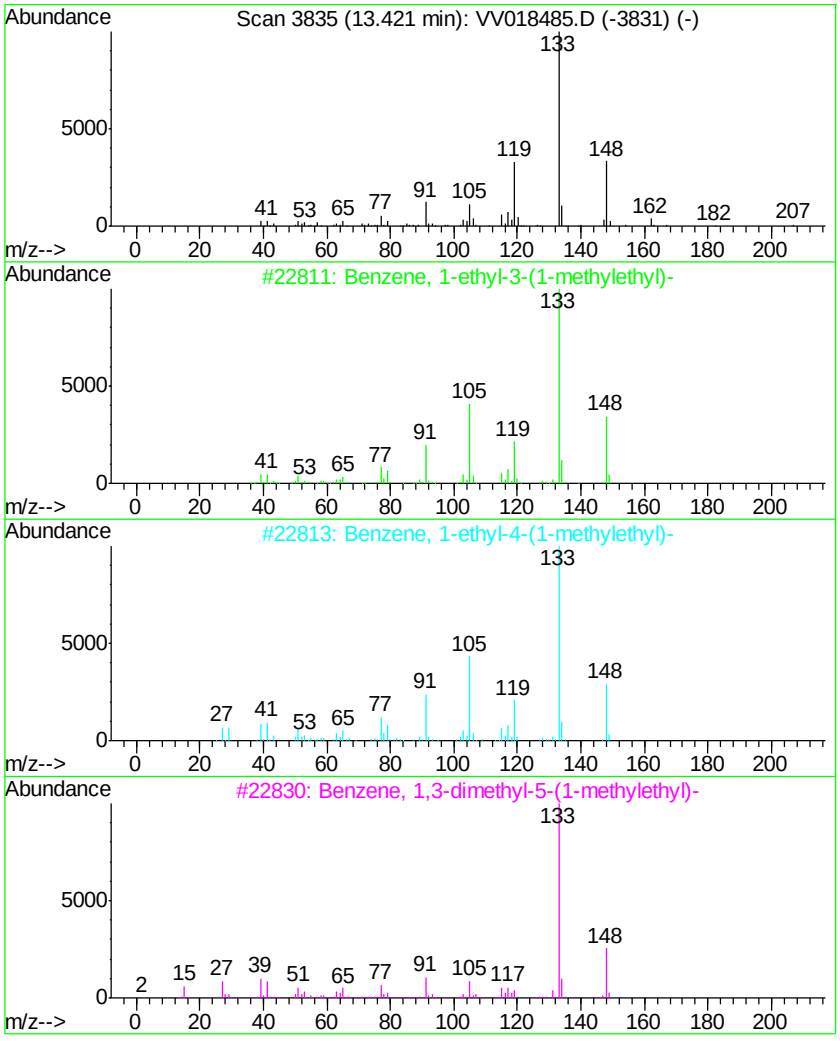
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

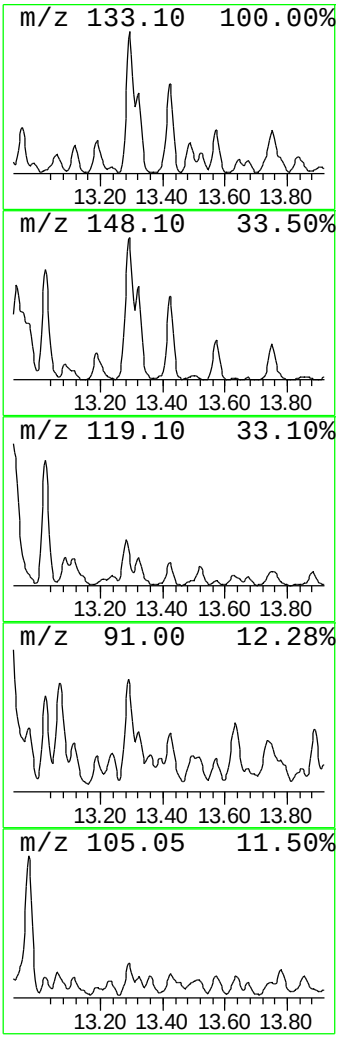
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.58 ug/L	114429	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	80
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	72
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

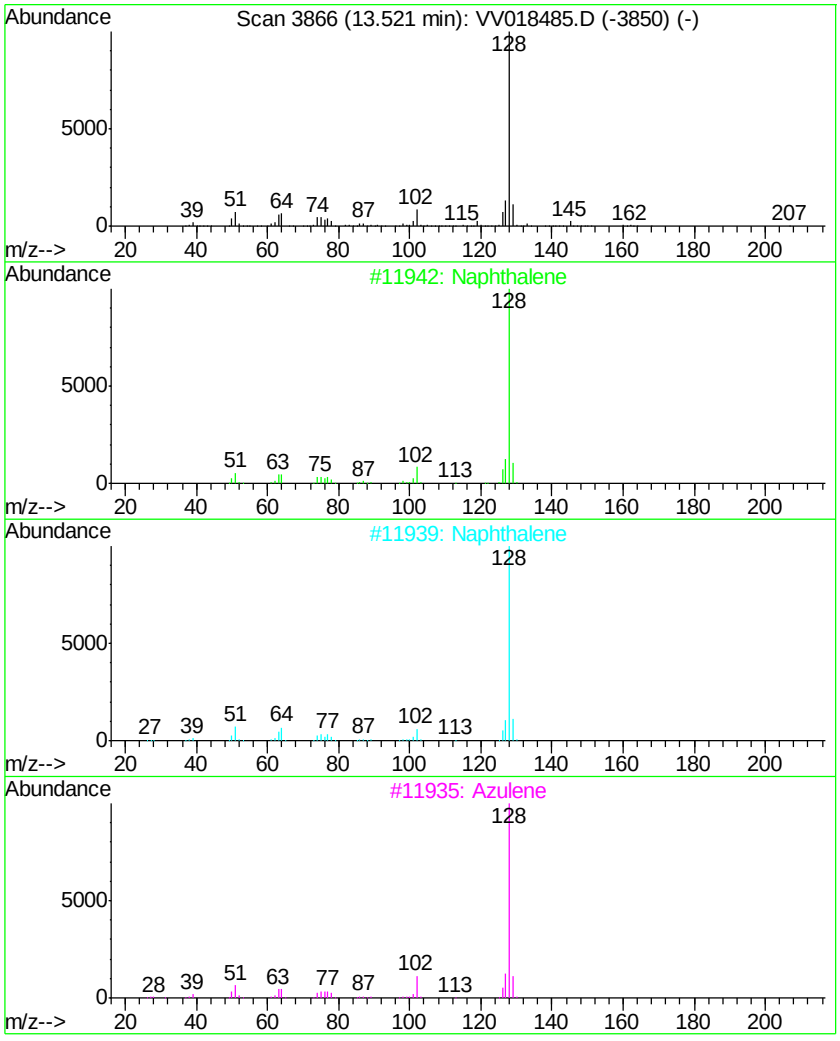
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

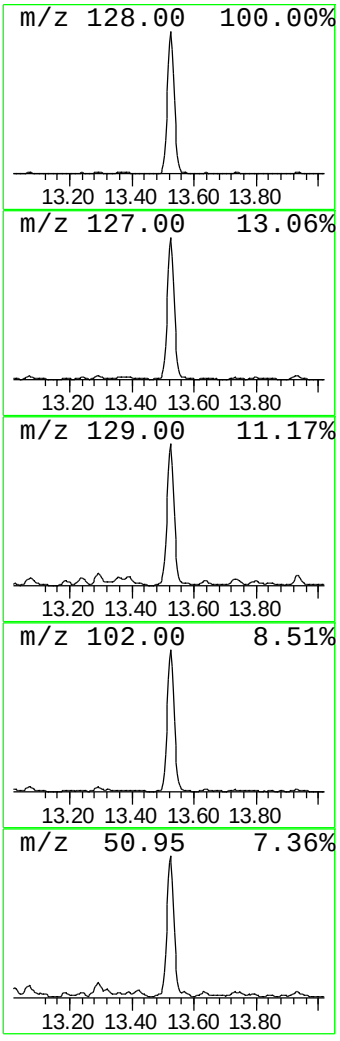
****

Peak Number 59 Azulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	42.54 ug/L	1062770	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	93
4	Azulene	128	C10H8	000275-51-4	93
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

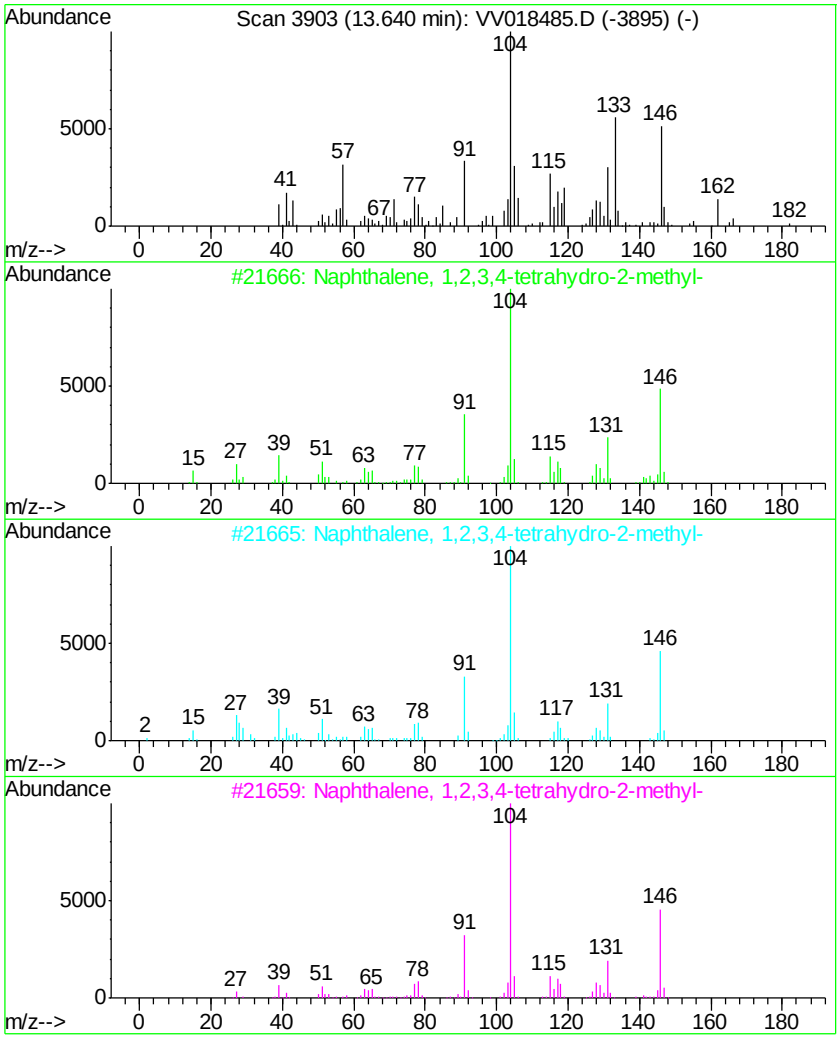
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

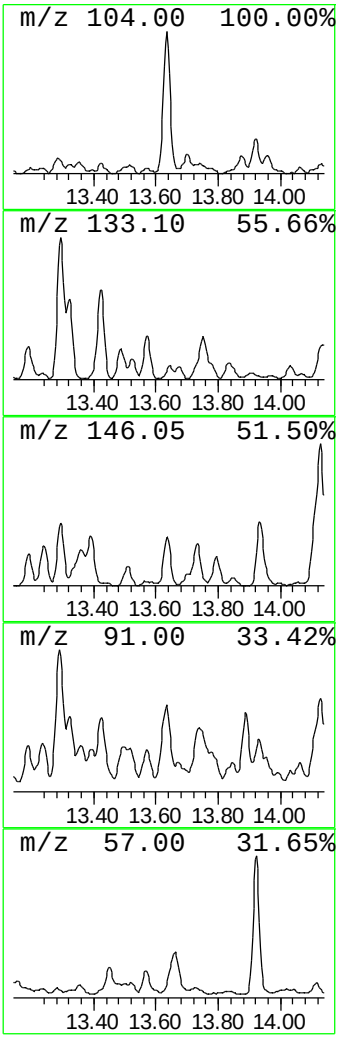
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.15 ug/L	78797	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58
5	7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

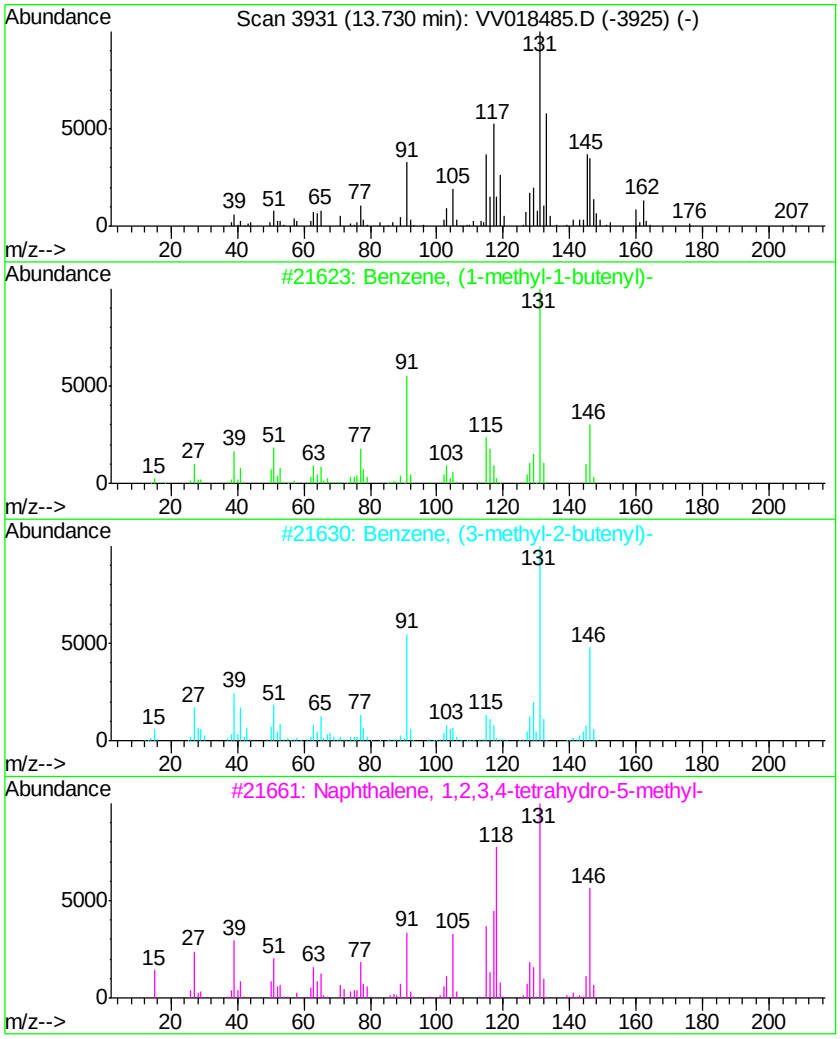
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

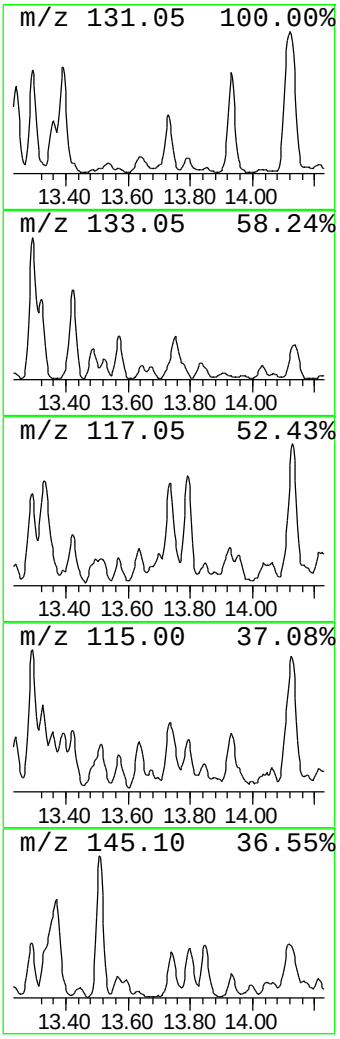
****

Peak Number 61 unknown-02 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.62 ug/L	90493	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	38
4	1,1-Dimethyl-1-sila-3-thiacycloh...	146	C6H14SSi	018163-14-9	35
5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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

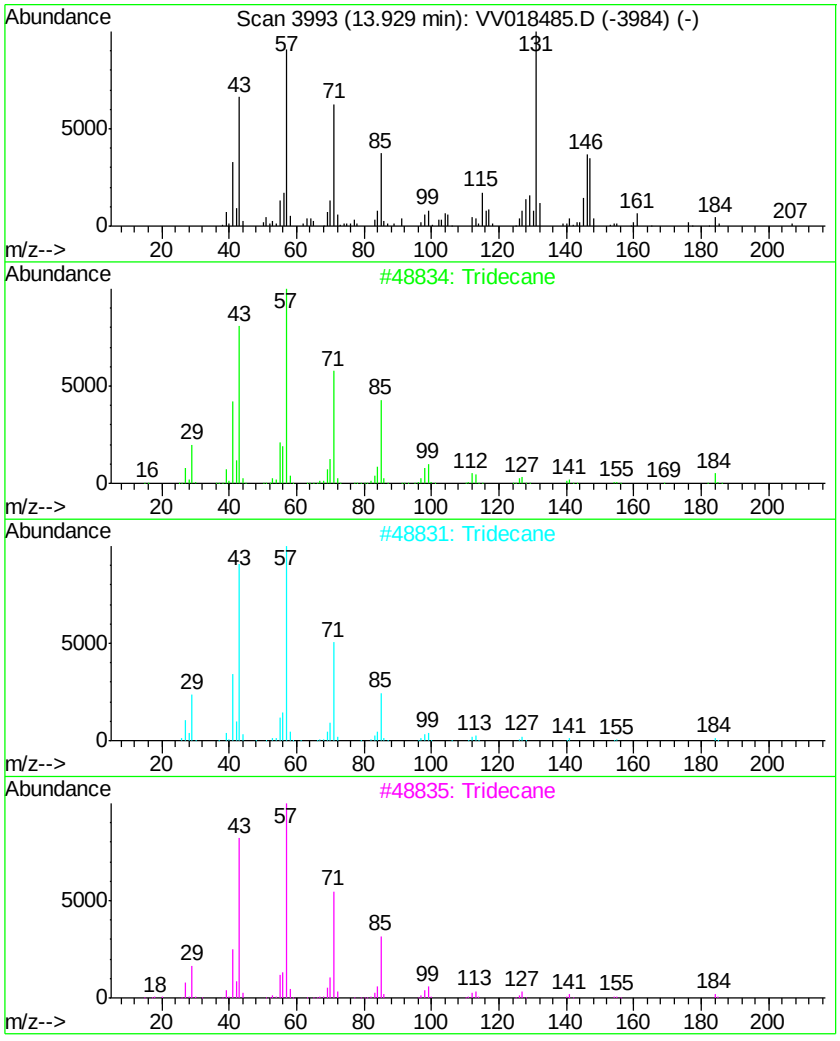
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

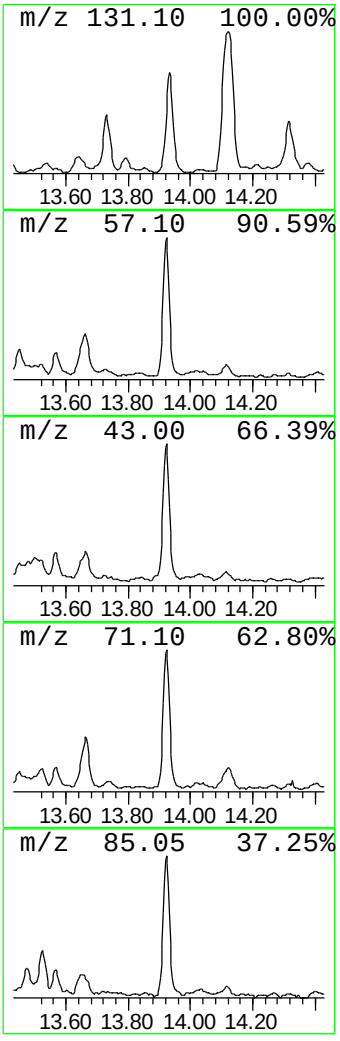
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	9.06 ug/L	226261	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tridecane	184	C13H28	000629-50-5	84
3	Tridecane	184	C13H28	000629-50-5	84
4	Tridecane	184	C13H28	000629-50-5	83
5	Tridecane	184	C13H28	000629-50-5	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018485.D
Acq On : 28 Sep 2020 11:56
Operator : SY/MD
Sample : L4109-11MEDL 5X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1MEDL

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...	2.54	13.1	ug/L	213655	1	5.64	817095	50.0
(DEL) Alkane: Str...	2.78	24.2	ug/L	395225	1	5.64	817095	50.0
(DEL) Alkane: Str...	3.06	69.9	ug/L	1141900	1	5.64	817095	50.0
(DEL) Alkane: Str...	3.56	2.6	ug/L	43329	1	5.64	817095	50.0
(DEL) Alkane: Cyc...	3.78	21.1	ug/L	345074	1	5.64	817095	50.0
(DEL) Alkane: Str...	6.94	3.9	ug/L	64258	1	5.64	817095	50.0
(DEL) Alkane: Str...	7.10	3.3	ug/L	53954	1	5.64	817095	50.0
(DEL) Alkane: Cyc...	7.28	6.3	ug/L	126848	2	8.87	1013590	50.0
(DEL) Alkane: Str...	7.59	8.1	ug/L	163871	2	8.87	1013590	50.0
(DEL) Alkane: Cyc...	8.31	3.7	ug/L	75577	2	8.87	1013590	50.0
(DEL) Alkane: Str...	8.69	3.7	ug/L	75319	2	8.87	1013590	50.0
(DEL) Alkane: Str...	8.81	2.9	ug/L	57991	2	8.87	1013590	50.0
(DEL) Alkane: Str...	9.22	17.6	ug/L	357362	2	8.87	1013590	50.0
(DEL) Alkane: Cyc...	9.50	5.5	ug/L	110408	2	8.87	1013590	50.0
(DEL) Alkane: Str...	9.73	7.4	ug/L	150910	2	8.87	1013590	50.0
(DEL) Alkane: Cyc...	9.82	10.3	ug/L	208874	2	8.87	1013590	50.0
(DEL) Alkane: Str...	9.87	3.4	ug/L	68910	2	8.87	1013590	50.0
(DEL) Alkane: Str...	10.04	4.7	ug/L	95736	2	8.87	1013590	50.0
(DEL) Alkane: Str...	10.11	8.2	ug/L	205667	3	11.27	1249160	50.0
(DEL) Alkane: Str...	10.14	11.0	ug/L	274469	3	11.27	1249160	50.0
Benzene, propyl-	10.37	47.3	ug/L	1182650	3	11.27	1249160	50.0
Benzene, 1-ethyl-...	10.47	233.2	ug/L	5825460	3	11.27	1249160	50.0
Mesitylene	10.56	95.3	ug/L	2380100	3	11.27	1249160	50.0
(DEL) Alkane: Str...	10.60	63.4	ug/L	1583710	3	11.27	1249160	50.0
4-Heptanone, 2,6-...	10.71	25.1	ug/L	627839	3	11.27	1249160	50.0
Benzene, 1,2,4-tr...	10.76	65.7	ug/L	1641890	3	11.27	1249160	50.0
(DEL) Alkane: Str...	10.86	2.6	ug/L	65356	3	11.27	1249160	50.0
(DEL) Alkane: Str...	10.90	8.4	ug/L	209131	3	11.27	1249160	50.0
Benzene, 1,2,3-tr...	10.94	261.1	ug/L	6523150	3	11.27	1249160	50.0
(DEL) Alkane: Str...	11.05	6.2	ug/L	154052	3	11.27	1249160	50.0
(DEL) Alkane: Cyc...	11.17	9.0	ug/L	224904	3	11.27	1249160	50.0
p-Cymene	11.22	9.0	ug/L	223805	3	11.27	1249160	50.0
Benzene, 1-ethyl-...	11.36	76.0	ug/L	1898300	3	11.27	1249160	50.0
(DEL) Alkane: Str...	11.39	10.4	ug/L	260548	3	11.27	1249160	50.0
(DEL) Alkane: Str...	11.48	12.5	ug/L	312082	3	11.27	1249160	50.0
Indane	11.55	25.5	ug/L	637975	3	11.27	1249160	50.0
Benzene, 1-methyl...	11.59	21.9	ug/L	548454	3	11.27	1249160	50.0
(DEL) Alkane: Str...	11.81	59.6	ug/L	1489200	3	11.27	1249160	50.0
Benzene, 2-ethyl-...	11.93	19.6	ug/L	490927	3	11.27	1249160	50.0
Benzene, 1-ethyl-...	11.96	24.5	ug/L	612505	3	11.27	1249160	50.0
o-Cymene	12.04	45.5	ug/L	1136400	3	11.27	1249160	50.0
1-Phenyl-1-butene	12.14	6.7	ug/L	167222	3	11.27	1249160	50.0
Benzene, 1,3-diet...	12.28	15.6	ug/L	389858	3	11.27	1249160	50.0
Benzene, 4-ethyl-...	12.33	13.1	ug/L	325974	3	11.27	1249160	50.0
(DEL) Alkane: Cyc...	12.39	12.8	ug/L	320839	3	11.27	1249160	50.0
Benzene, 1,2,4,5-...	12.43	25.2	ug/L	629866	3	11.27	1249160	50.0
Benzene, 1,2,3,4-...	12.49	39.7	ug/L	992736	3	11.27	1249160	50.0
Benzene, 1-ethyl-...	12.57	6.4	ug/L	160690	3	11.27	1249160	50.0
Benzene, 2,4-diet...	12.61	3.4	ug/L	84415	3	11.27	1249160	50.0

1H-Indene, 2,3-di...	12.75	14.6	ug/L	364592	3	11.27	1249160	50.0
unknown-01	12.82	5.7	ug/L	141153	3	11.27	1249160	50.0
Benzene, 1-methyl...	12.87	4.2	ug/L	105269	3	11.27	1249160	50.0
(DEL) Alkane: Str...	12.91	50.8	ug/L	1270070	3	11.27	1249160	50.0
2,4-Dimethylphene...	13.02	5.6	ug/L	140304	3	11.27	1249160	50.0
Naphthalene, 1,2,...	13.06	7.6	ug/L	189170	3	11.27	1249160	50.0
Benzene, (1-methy...	13.19	3.5	ug/L	86150	3	11.27	1249160	50.0
Benzene, 1-ethyl-...	13.42	4.6	ug/L	114429	3	11.27	1249160	50.0
Azulene	13.52	42.5	ug/L	1062770	3	11.27	1249160	50.0
Naphthalene, 1,2,...	13.64	3.1	ug/L	78797	3	11.27	1249160	50.0
unknown-02	13.73	3.6	ug/L	90493	3	11.27	1249160	50.0
(DEL) Alkane: Str...	13.93	9.1	ug/L	226261	3	11.27	1249160	50.0

Instrument :
MSVOA_V
ClientSampleId :
BG3X1MEDL