LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7E3ME

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Title : VOC Analysis

Signal : TIC: VU045296.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.520	354	367	386	rBV	185003	329627	4.38%	0.208%
2	4.649	1012	1029	1077	rBV	112464	375710	4.99%	0.237%
3	5.067	1139	1159	1186	rVV	205283	493448	6.56%	0.312%
4	5.719	1342	1362	1384	rBV2	503677	1260063	16.74%	0.796%
5	6.250	1511	1527	1553	rBV	348907	718799	9.55%	0.454%
6	6.694	1650	1665	1677	rBV	288868	631929	8.40%	0.399%
7	7.571	1922	1938	1950	rVV	138206	279113	3.71%	0.176%
8	7.854	2010	2026	2031	rBV2	219021	397861	5.29%	0.251%
9	7.899	2032	2040	2055	rVB	596126	1127045	14.97%	0.712%
10	8.240	2137	2146	2161	rVB3	194817	392892	5.22%	0.248%
11	8.369	2162	2186	2194	rBV	116048	236713	3.15%	0.150%
12	8.536	2228	2238	2250	rVB	134468	227932	3.03%	0.144%
13	8.645	2250	2272	2297	rBV3	640177	1595561	21.20%	1.008%
14	8.761	2297	2308	2315	rBV	292673	520470	6.92%	0.329%
15	8.867	2334	2341	2349	rVB	274365	434413	5.77%	0.275%
16	8.925	2349	2359	2369	rBV	559068	991420	13.17%	0.627%
17	9.073	2394	2405	2412	rBV3	131872	239089	3.18%	0.151%
18	9.121	2412	2420	2427	rVV	402427	639468	8.50%	0.404%
19	9.169	2427	2435	2442	rVV3	477557	892596	11.86%	0.564%
20	9.214	2443	2449	2462	rVB2	511211	827706	11.00%	0.523%
21	9.337	2476	2487	2502	rBV	524898	865390	11.50%	0.547%
22	9.427	2503	2515	2526	rBV	475819	872332	11.59%	0.551%
23	9.565	2549	2558	2571	rVB3	131257	234821	3.12%	0.148%
24	9.668	2573	2590	2598	rBV4	224971	622930	8.28%	0.394%
25	9.719	2599	2606	2613	rBV3	295244	427245	5.68%	0.270%
26	9.886	2645	2658	2670	rBV6	124610	293213	3.90%	0.185%
27	10.025	2689	2701	2713	rBV6	456508	1119989	14.88%	0.708%
28	10.121	2724	2731	2742	rBV4	219063	359205	4.77%	0.227%
29	10.256	2755	2773	2786	rBV4	839765	1924095	25.56%	1.216%
30	10.359	2796	2805	2812	rVV4	726732	1463000	19.44%	0.925%
31	10.398	2813	2817	2828	rVB2	566109	824959	10.96%	0.521%
32	10.472	2831	2840	2853	rBV5	147170	352234	4.68%	0.223%
33	10.562	2853	2868	2876	rBV4	440745	977629	12.99%	0.618%
34	10.626	2877	2888	2893	rVV2	629157	1138936	15.13%	0.720%
35	10.655	2894	2897	2905	rVB	475857	557610	7.41%	0.352%
36	10.761	2922	2930	2939	rVV2	969836	1700896	22.60%	1.075%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7E3ME

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Title : VOC Analysis

37	10.812	2940	2946	2966	rVB5	415140	817516	10.86%	0.517%
38	10.957	2983	2991	3002	rVV5	194726	393143	5.22%	0.248%
39	11.018	3004	3010	3017	rVV7	209579	369347	4.91%	0.233%
40	11.066	3017	3025	3035	rVV2	641799	1143553	15.19%	0.723%
41	11.128	3036	3044	3056	rVB7	422487	942193	12.52%	0.595%
42	11.314	3097	3102	3114	rVB6	343294	565642	7.52%	0.357%
43	11.378	3115	3122	3128	rBV4	280717	428184	5.69%	0.271%
44	11.420	3128	3135	3143	rVV	884339	1222367	16.24%	0.773%
45	11.472	3143	3151	3174	rVB2	764899	1941593	25.80%	1.227%
46	11.578	3176	3184	3190	rBV	240734	415377	5.52%	0.263%
47	11.645	3200	3205	3216	rVB5	433934	693616	9.22%	0.438%
48	11.716	3218	3227	3235	rBV	965321	1548856	20.58%	0.979%
49	11.829	3251	3262	3271	rBV3	790863	1812590	24.08%	1.146%
50	11.880	3272	3278	3283	rVV2	506167	680667	9.04%	0.430%
51	11.915	3284	3289	3299	rVB3	616648	830791	11.04%	0.525%
52	12.005	3311	3317	3336	rVB3	769814	1400652	18.61%	0.885%
53	12.102	3338	3347	3360	rVV3	542704	1009699	13.42%	0.638%
54	12.195	3365	3376	3391	rBV4	1434338	3411250	45.32%	2.156%
55	12.388	3430	3436	3450	rVB6	566348	1198489	15.92%	0.757%
56	12.472	3454	3462	3465	rBV	741922	1003363	13.33%	0.634%
57	12.501	3466	3471	3479	rVB2	1021141	1437128	19.09%	0.908%
58	12.574	3488	3494	3502	rVB	1464019	2001076	26.59%	1.265%
59	12.684	3518	3528	3534	rBV2	581605	1171295	15.56%	0.740%
60	12.841	3570	3577	3593	rVB6	926024	1837738	24.42%	1.161%
61	12.935	3596	3606	3612	rBV4	1339743	2482736	32.99%	1.569%
62	12.976	3613	3619	3627	rVV	1668466	2601553	34.57%	1.644%
63	13.031	3628	3636	3652	rVB	2016077	4288146	56.97%	2.710%
64	13.111	3653	3661	3680	rVB4	887944	2084666	27.70%	1.318%
65	13.205	3683	3690	3693	rBV2	395231	546452	7.26%	0.345%
66	13.298	3713	3719	3727	rVB	541183	714329	9.49%	0.451%
67	13.356	3730	3737	3745	rVV2	993274	1414386	18.79%	0.894%
68	13.410	3746	3754	3760	rVV3	948575	1551524	20.61%	0.981%
69	13.462	3761	3770	3785	rVB5	2861199	6098582	81.03%	3.854%
70	13.565	3795	3802	3808	rBV	1104885	1464761	19.46%	0.926%
71	13.738	3847	3856	3864	rBV2	1077476	1876674	24.93%	1.186%
72	13.790	3864	3872	3879	rVV	1263557	1958260	26.02%	1.238%
73	13.841	3880	3888	3904	rVV5	2226968	4786493	63.60%	3.025%
74	13.951	3915	3922	3925	rBV	983295	1377503	18.30%	0.871%
75	14.127	3970	3977	3984	rBV5	659191	1008799	13.40%	0.638%
76	14.291	4019	4028	4041	rVB8	1204094	2523843	33.53%	1.595%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7E3ME

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Title : VOC Analysis

77	14.349	4042	4046	4054	rVV2	450741	506939	6.74%	0.320%
78	14.491	4081	4090	4109	rVB2	2276396	3982534	52.91%	2.517%
79	14.610	4121	4127	4135	rVB	906538	1249615	16.60%	0.790%
80	14.674	4136	4147	4159	rBV3	3084594	6288565	83.55%	3.974%
81	14.816	4183	4191	4204	rBV2	1649784	3042519	40.42%	1.923%
82	14.883	4205	4212	4221	rVB3	2381287	3713528	49.34%	2.347%
83	14.944	4224	4231	4238	rBV3	620394	920424	12.23%	0.582%
84	15.025	4247	4256	4269	rBV9	1210826	2885110	38.33%	1.823%
85	15.224	4304	4318	4330	rBV2	3496094	7364866	97.85%	4.655%
86	15.352	4350	4358	4366	rBV4	921475	1692969	22.49%	1.070%
87	15.414	4369	4377	4387	rVV	2537433	4192968	55.71%	2.650%
88	15.520	4403	4410	4417	rBV6	566751	818649	10.88%	0.517%
89	15.931	4531	4538	4550	rVB	1218155	1959446	26.03%	1.238%
90	16.150	4598	4606	4613	rBV2	1919618	3007930	39.96%	1.901%
91	16.266	4627	4642	4666	rVB	3954849	7526512	100.00%	4.757%
92	16.414	4678	4688	4695	rBV	4156676	6832542	90.78%	4.318%
93	16.452	4695	4700	4717	rVB	2560552	3915457	52.02%	2.475%
94	16.642	4744	4759	4788	rVB2	1026771	3289874	43.71%	2.079%
95	16.787	4796	4804	4826	rVB	643775	1139876	15.14%	0.720%
96	17.118	4899	4907	4921	rVB2	480332	814537	10.82%	0.515%
97	17.330	4967	4973	4981	rVB	296802	440143	5.85%	0.278%
98	17.378	4981	4988	5018	rVB	319108	660155	8.77%	0.417%
99	17.542	5031	5039	5050	rBV2	191867	330957	4.40%	0.209%
100	17.606	5052	5059	5069	rVB	149871	248975	3.31%	0.157%

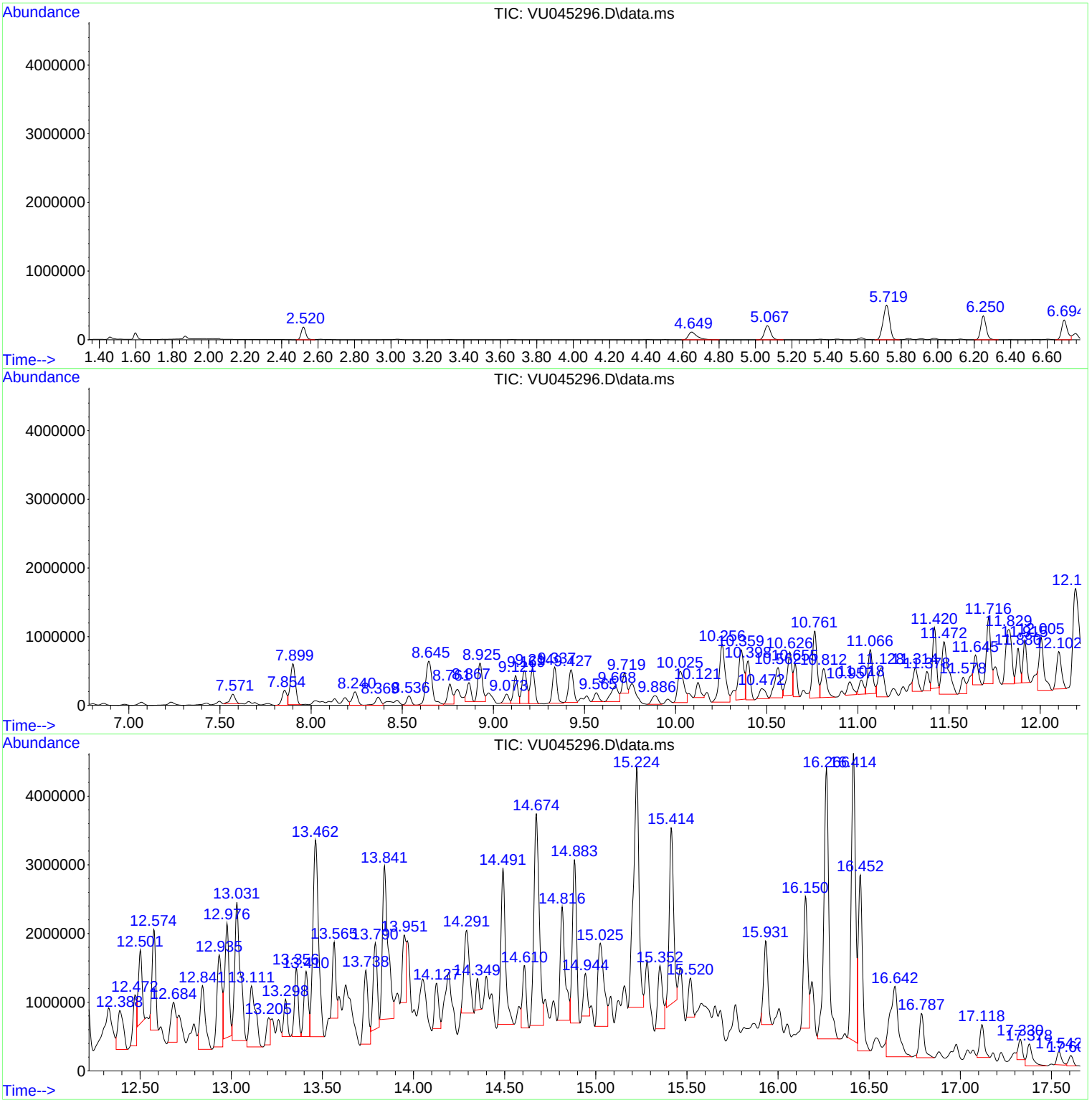
Sum of corrected areas: 158226261

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

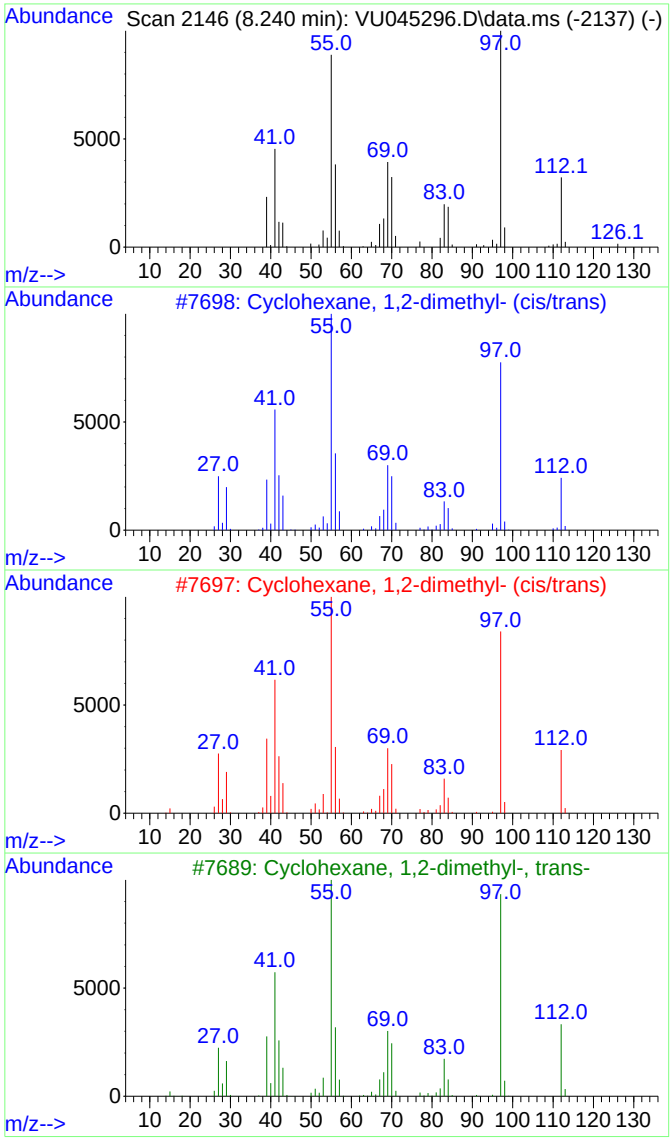
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

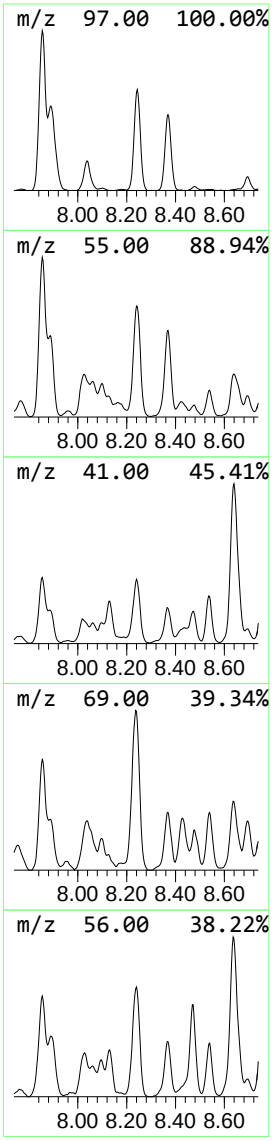
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic8.240 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	22.52 ug/L	392892	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

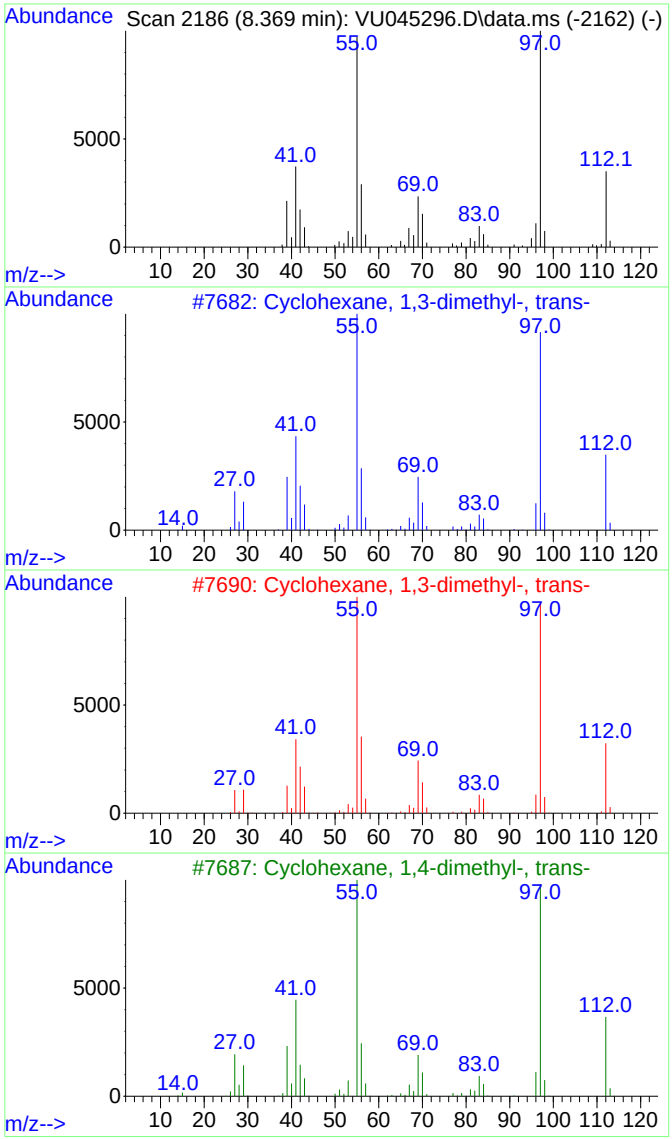
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

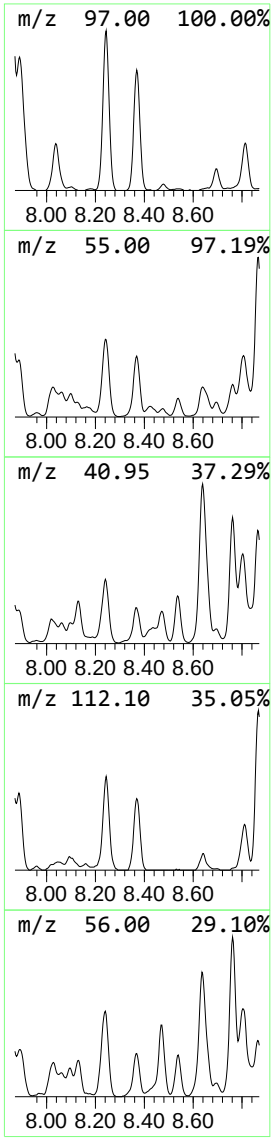
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic8.369 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.369	13.57 ug/L	236713	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

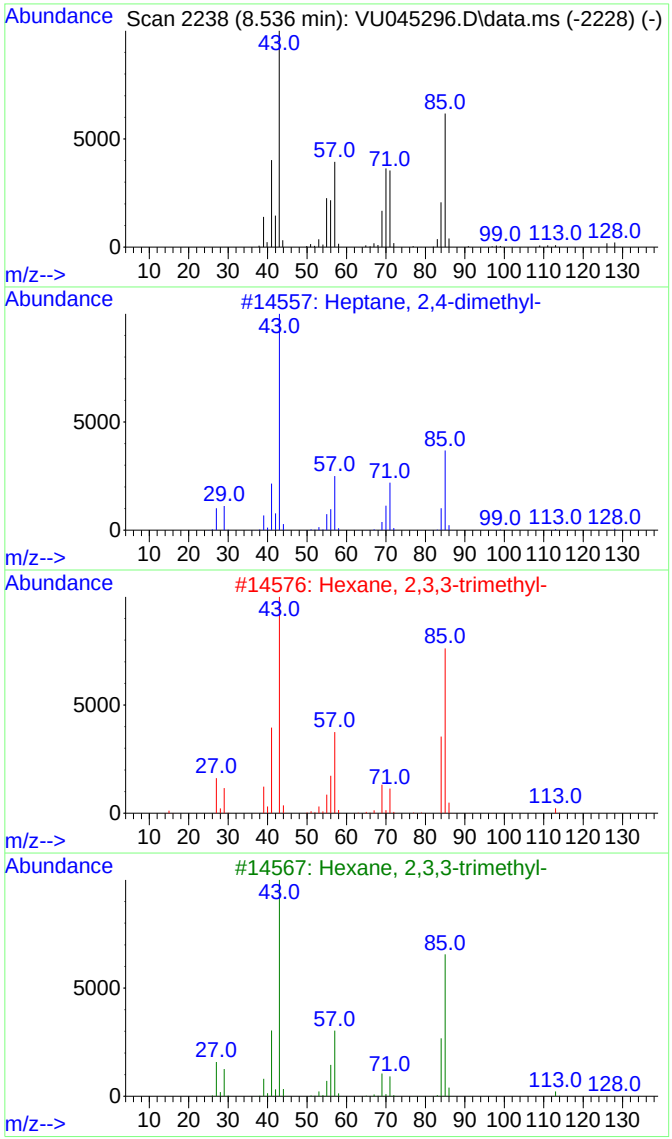
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

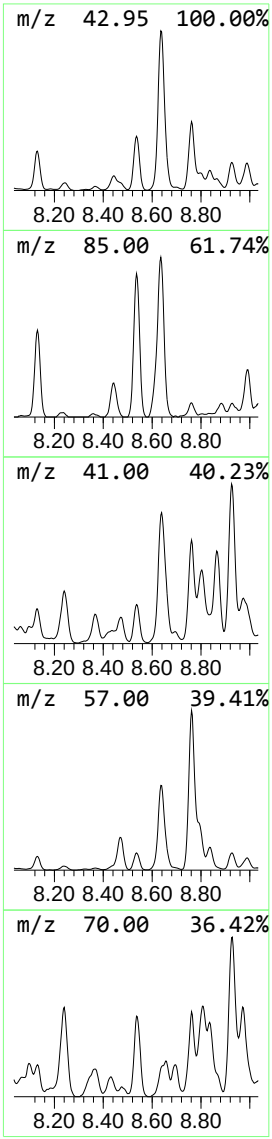
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.536	13.06 ug/L	227932	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

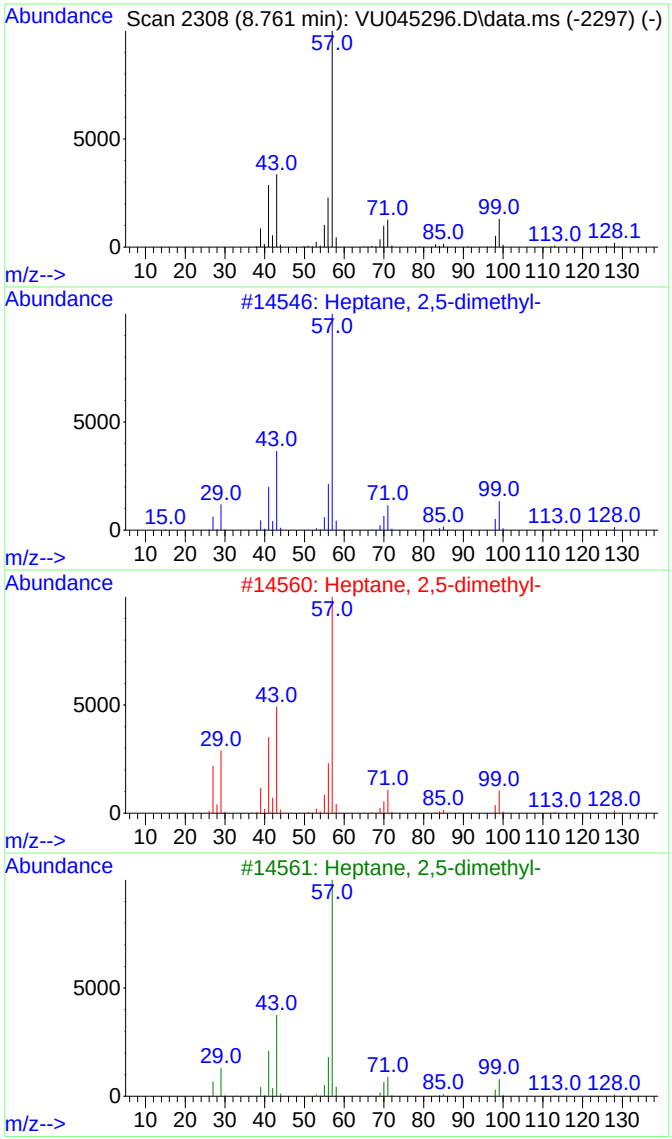
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

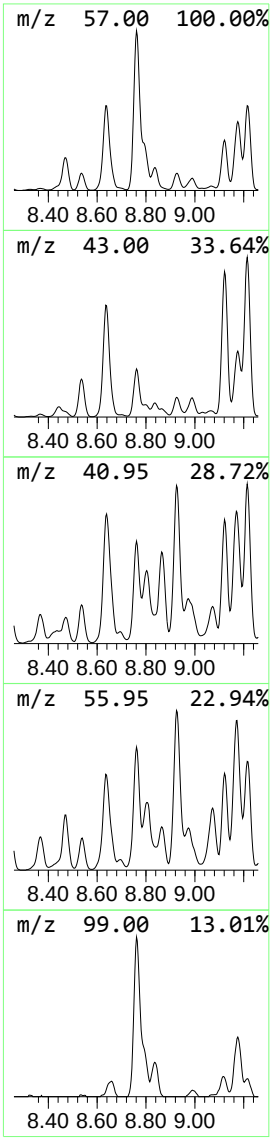
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.761	29.83 ug/L	520470	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4	Octane, 3-methyl-	128	C9H20	002216-33-3	90
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7E3ME

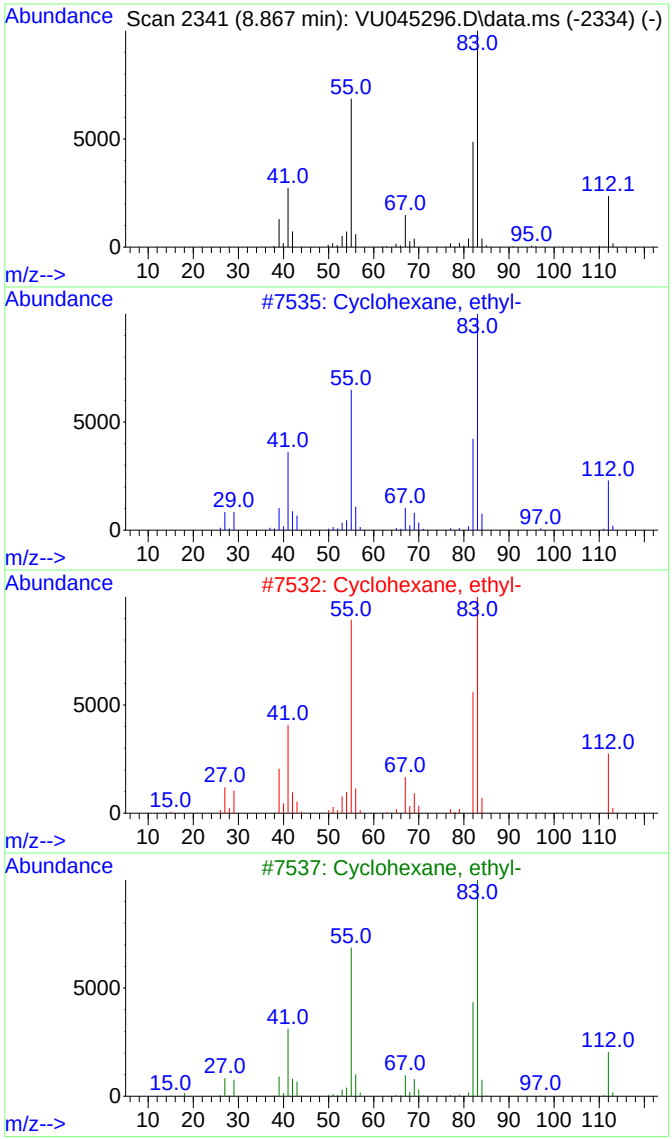
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

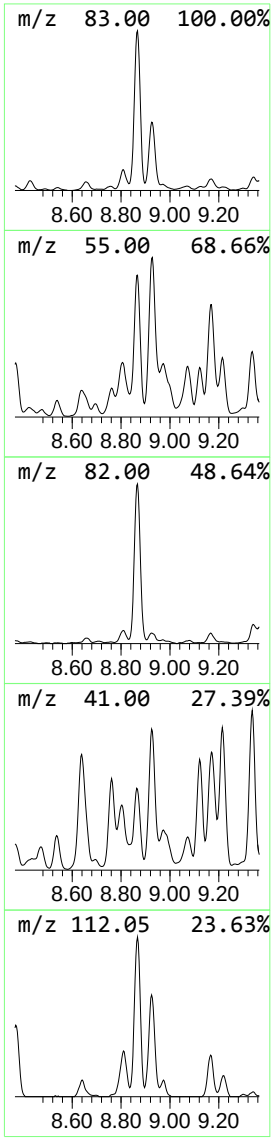
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic8.867 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.867	24.90 ug/L	434413	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

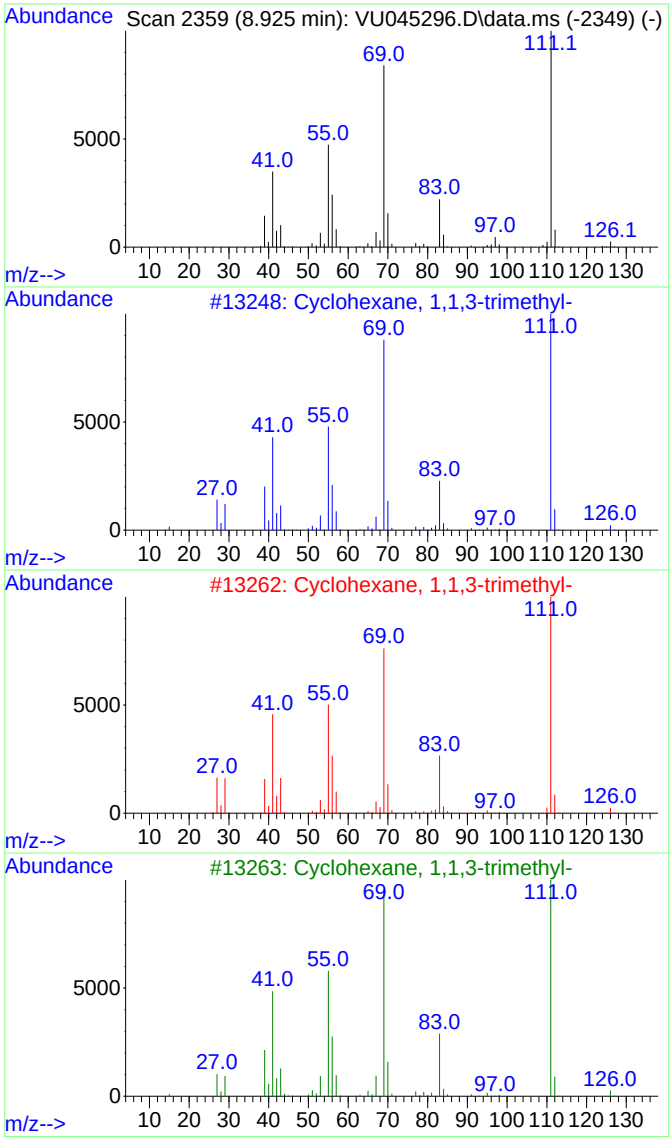
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

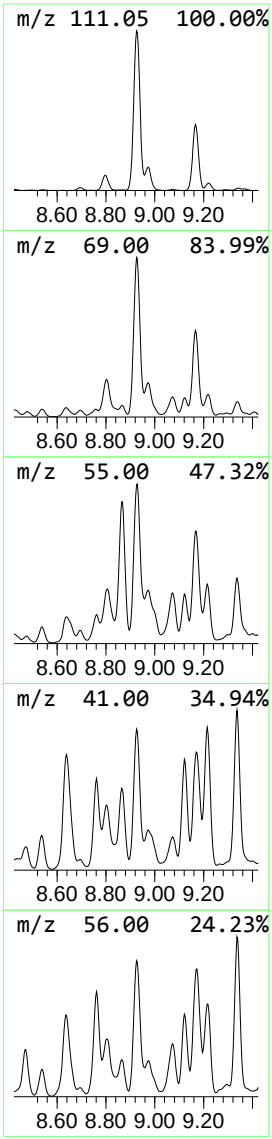
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic8.925 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.925	56.83 ug/L	991420	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
4	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	64
5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47





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Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

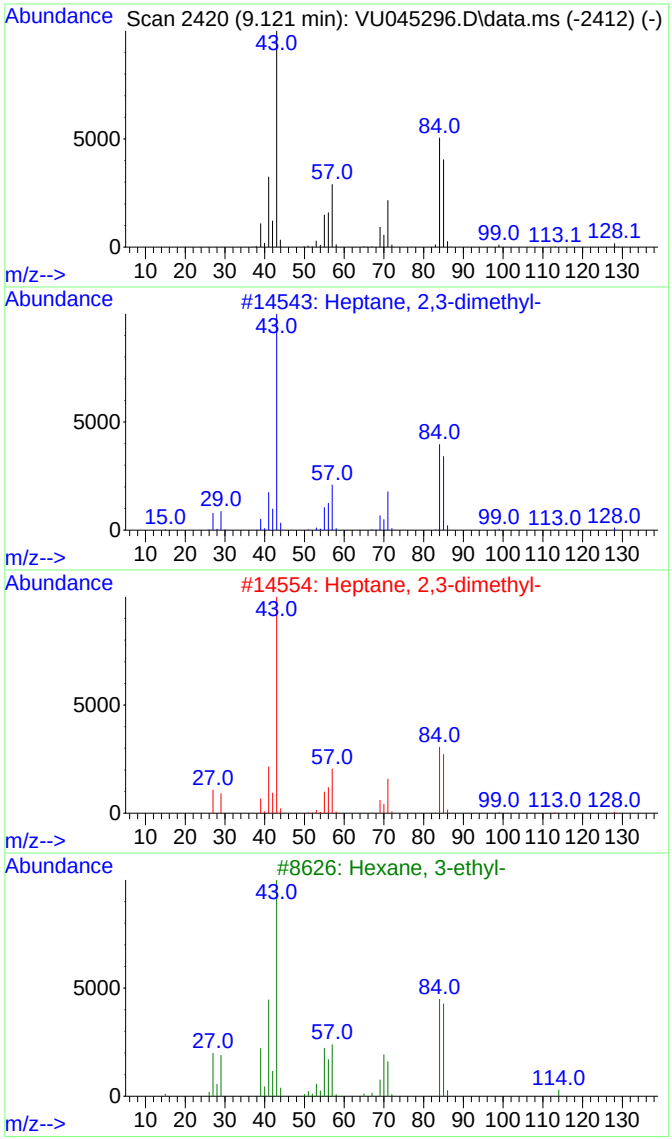
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

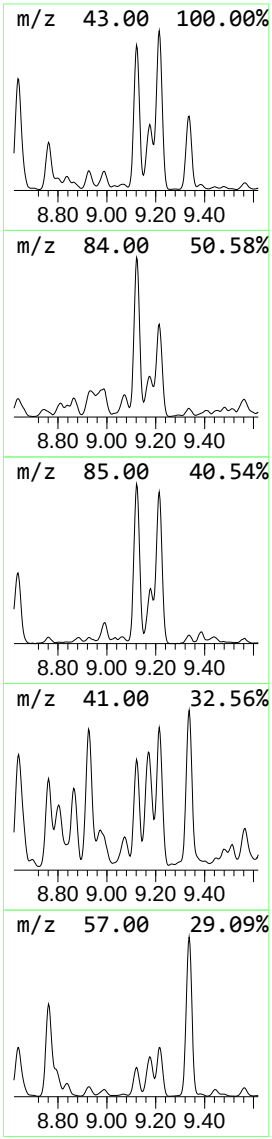
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.121	36.65 ug/L	639468	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	94
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	87
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	74
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

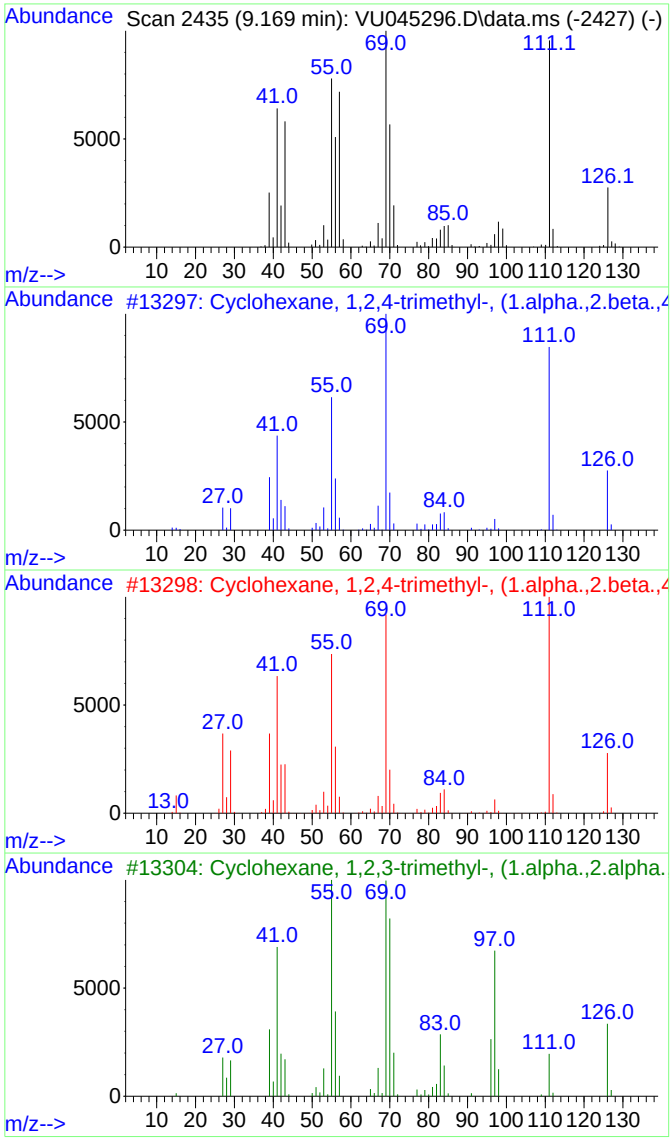
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

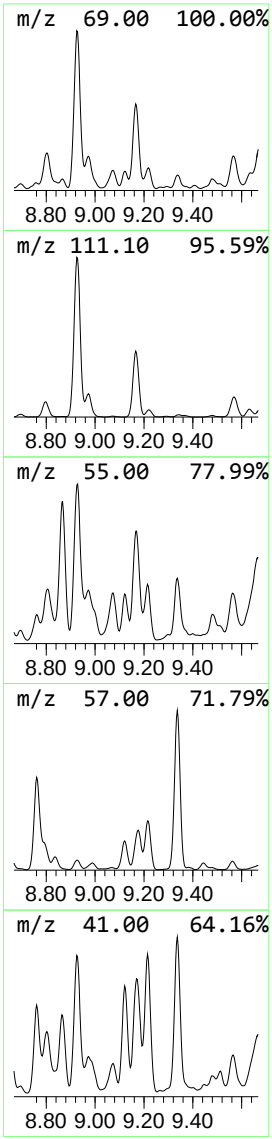
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.169 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	51.16 ug/L	892596	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	92
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	70
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

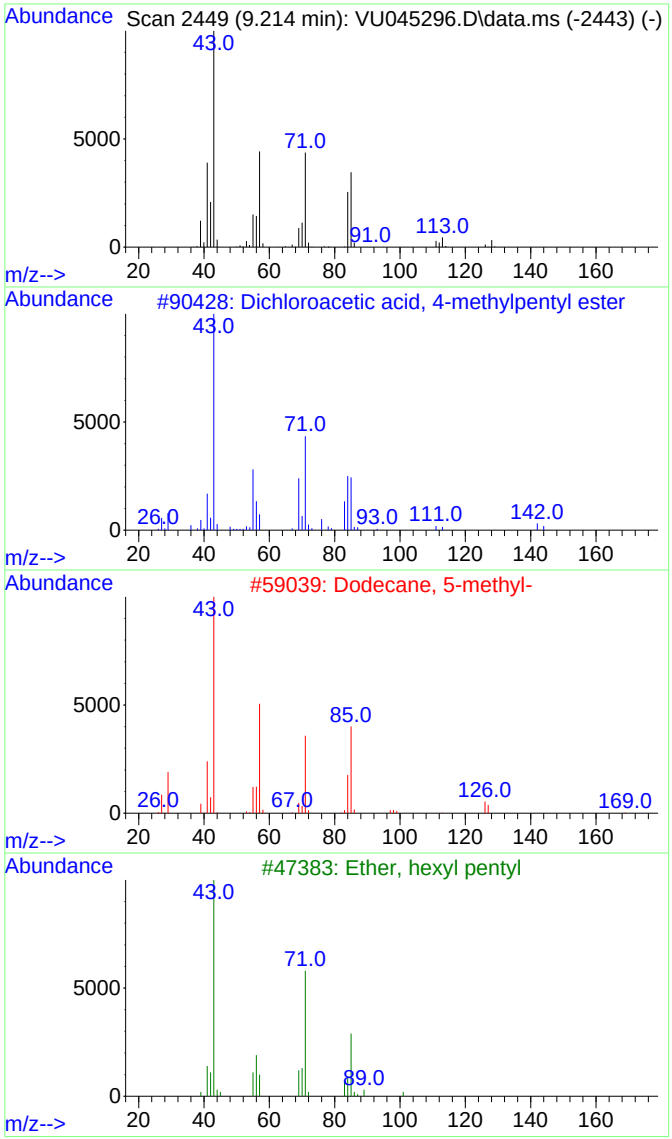
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

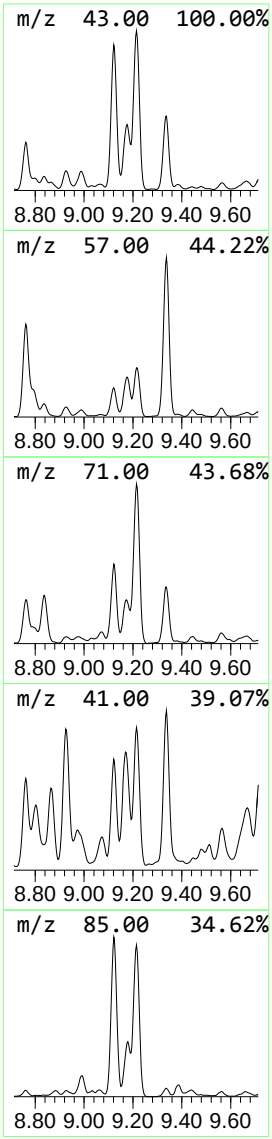
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Dichloroacetic acid, 4-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.214	47.44 ug/L	827706	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
2	Dodecane, 5-methyl-	184	C13H28	017453-93-9	59
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	59
5	Octane, 4-methyl-	128	C9H20	002216-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

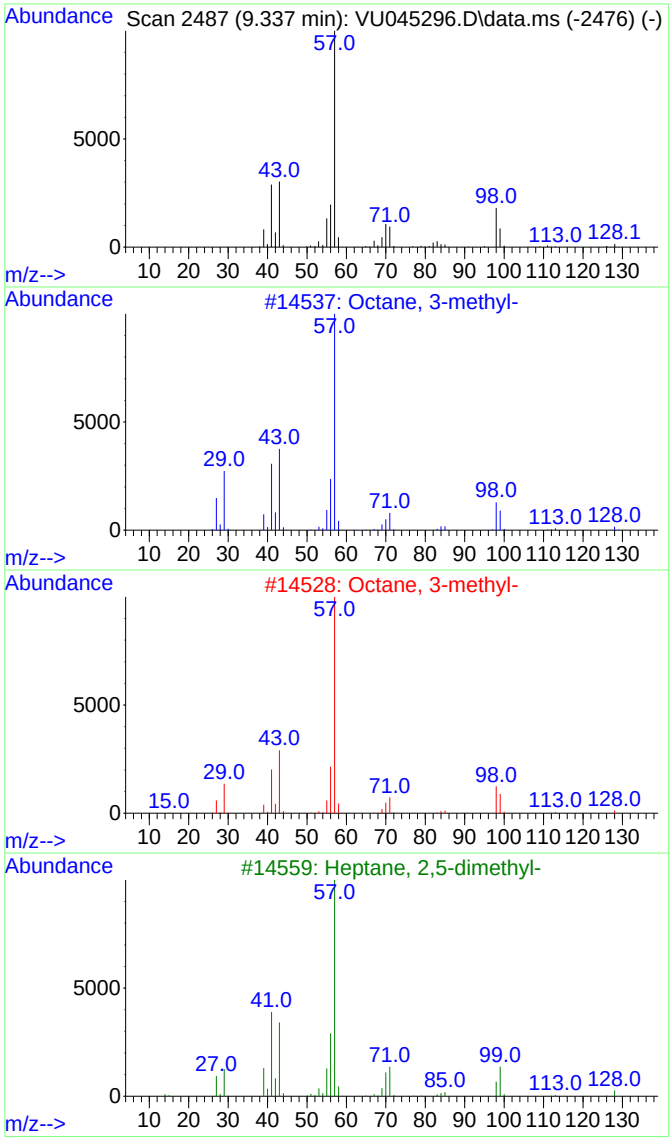
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

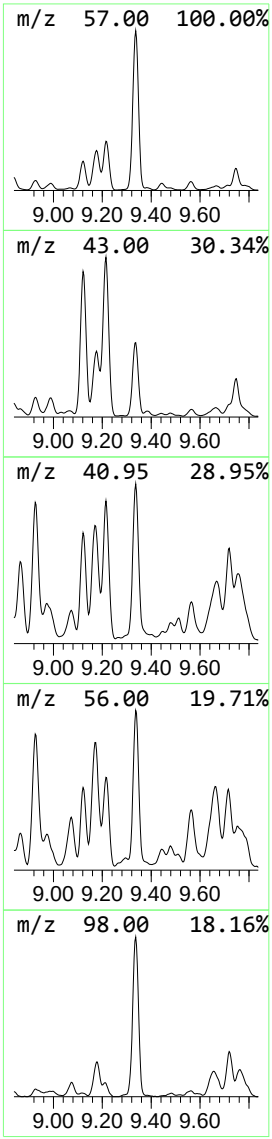
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.337	49.60 ug/L	865390	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	83
2	Octane, 3-methyl-	128	C9H20	002216-33-3	80
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

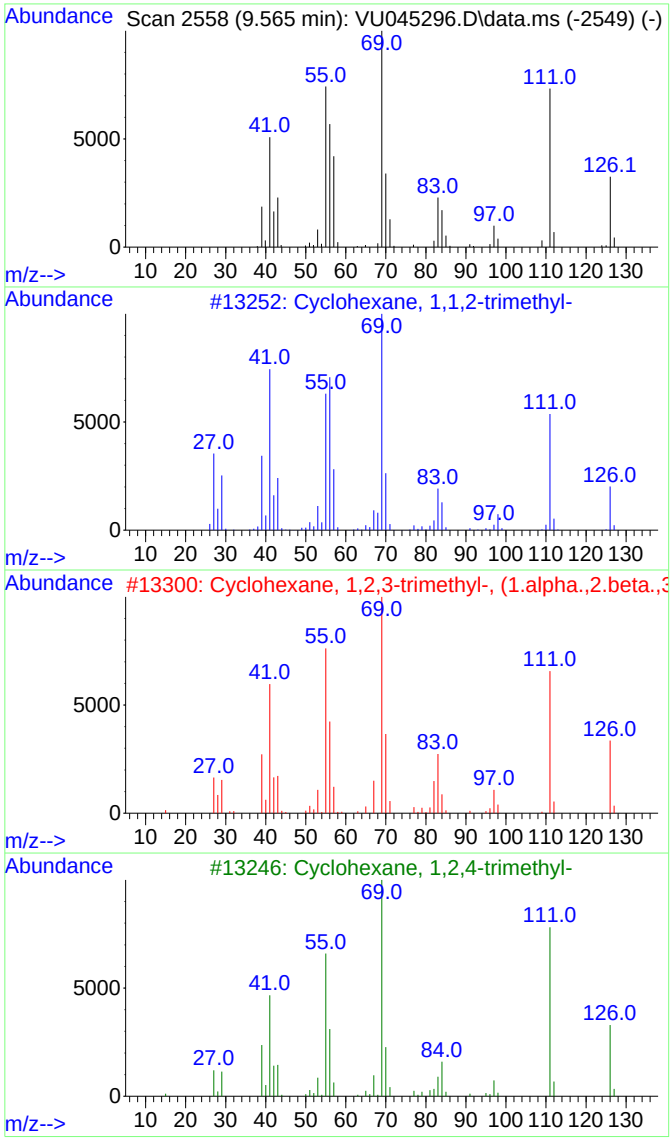
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

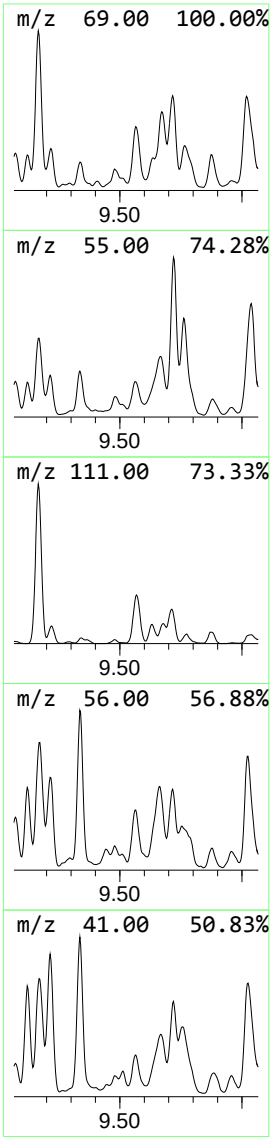
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic9.565 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.565	13.46 ug/L	234821	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	90
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	90
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

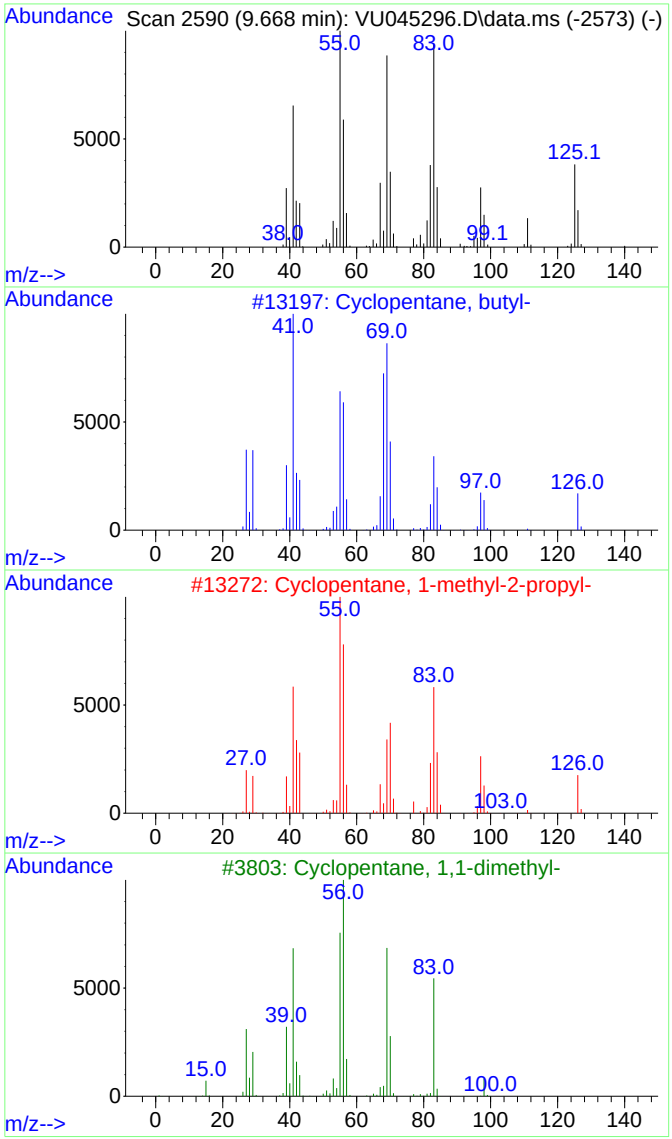
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

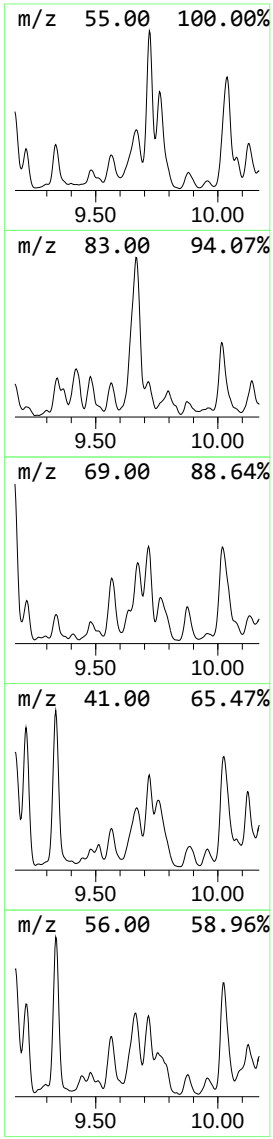
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic9.668 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.668	35.70 ug/L	622930	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	46
2	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	46
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	45
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

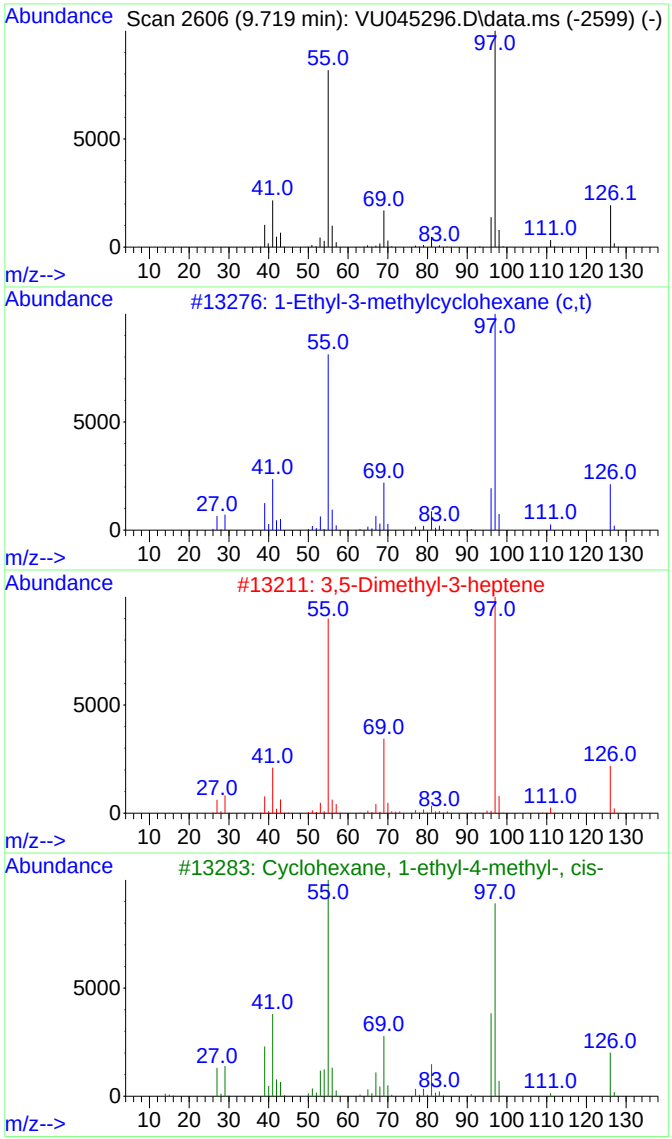
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

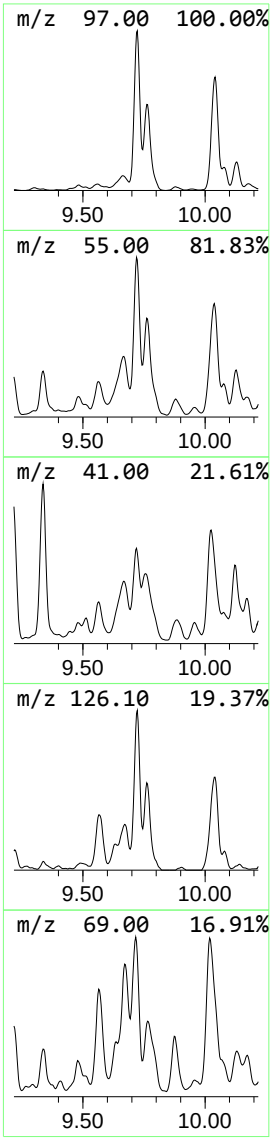
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic9.719 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.719	24.49 ug/L	427245	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	80
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
4	1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	72
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

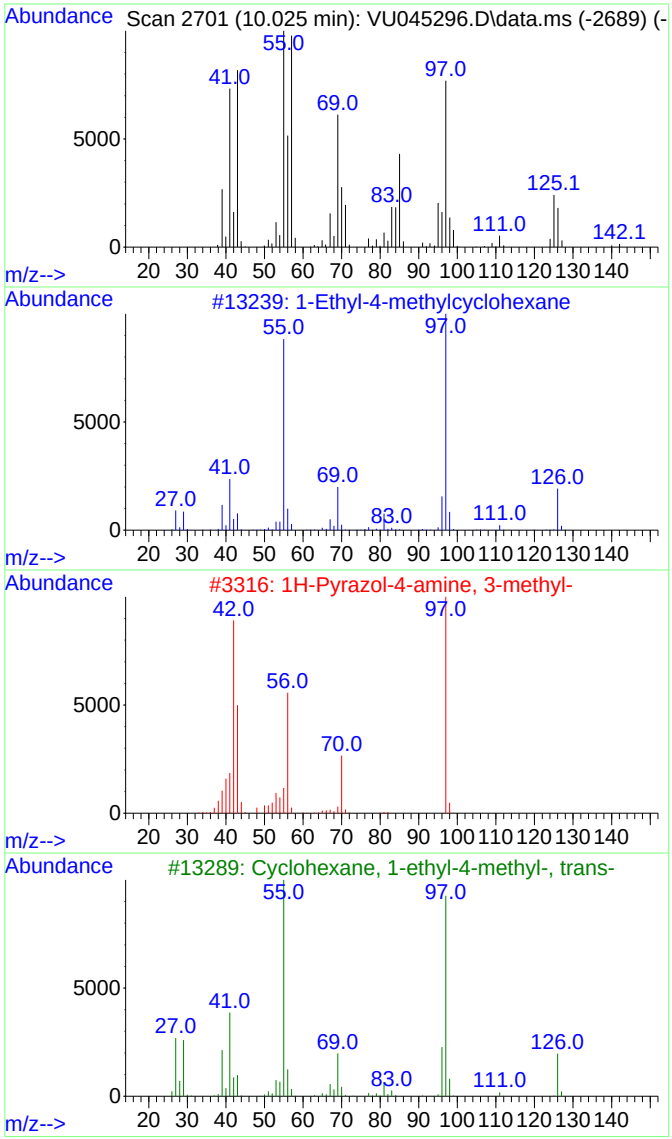
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

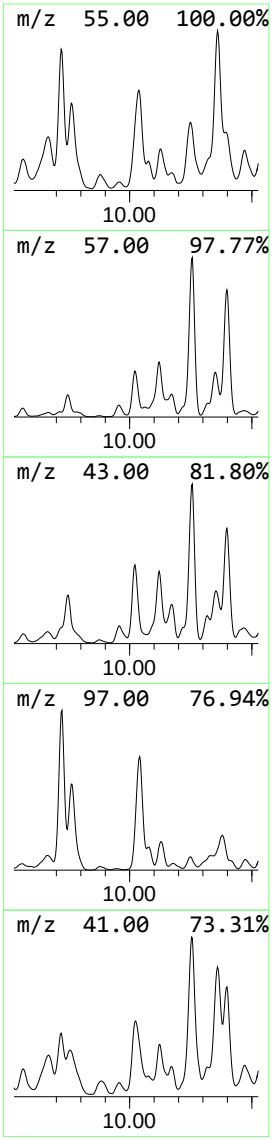
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic10.025 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.025	64.20 ug/L	1119990	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	38
2	1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	38
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	30
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	30
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

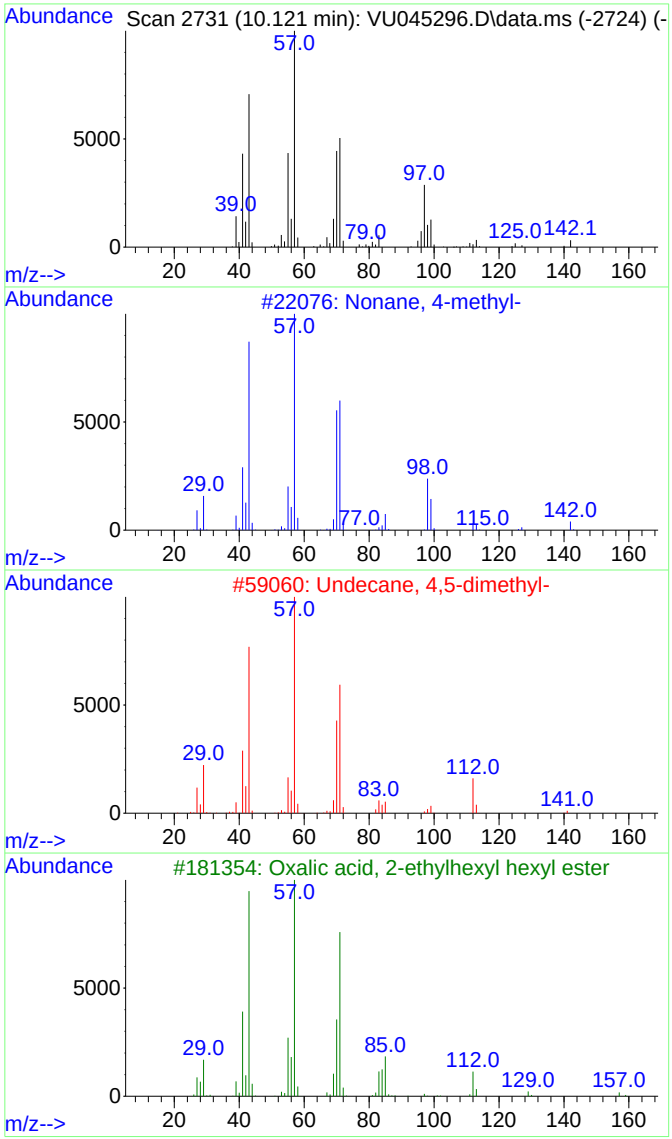
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

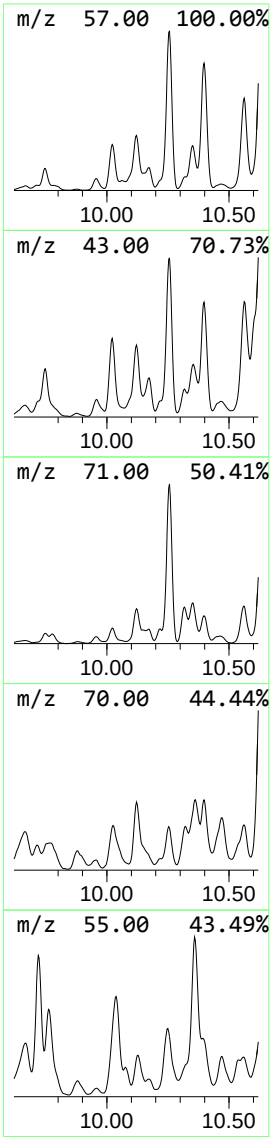
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.121	20.59 ug/L	359205	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	52
2	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
3	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	47
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43
5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

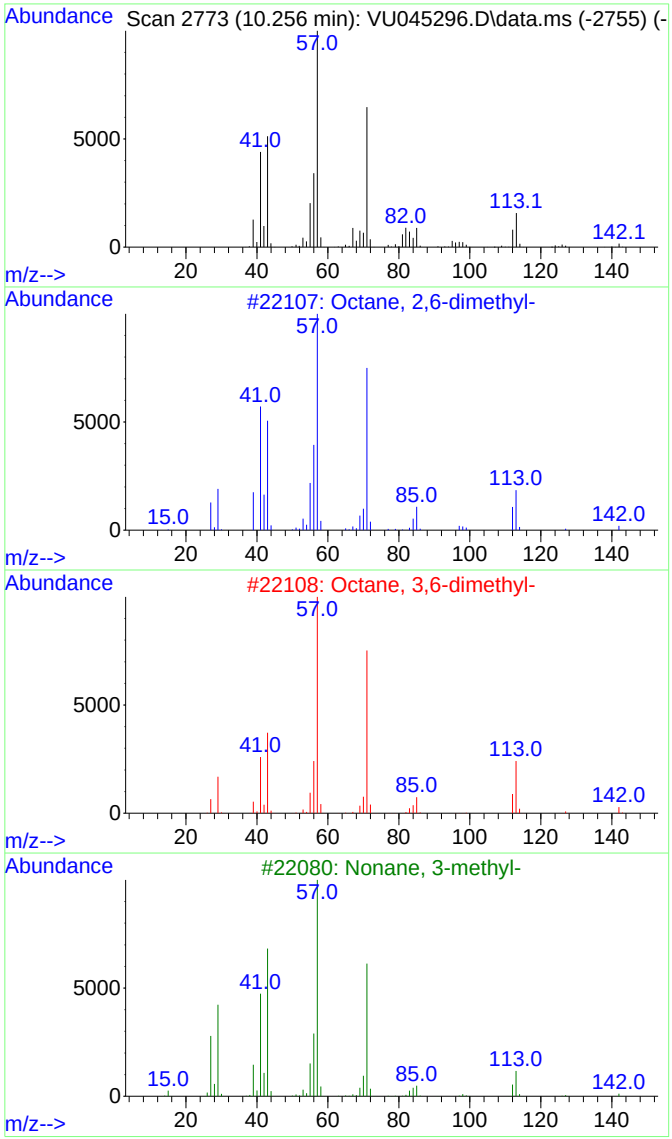
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

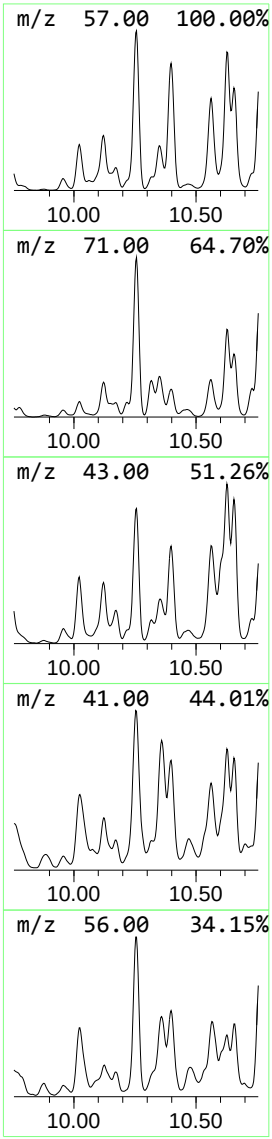
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.256	110.29 ug/L	1924100	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

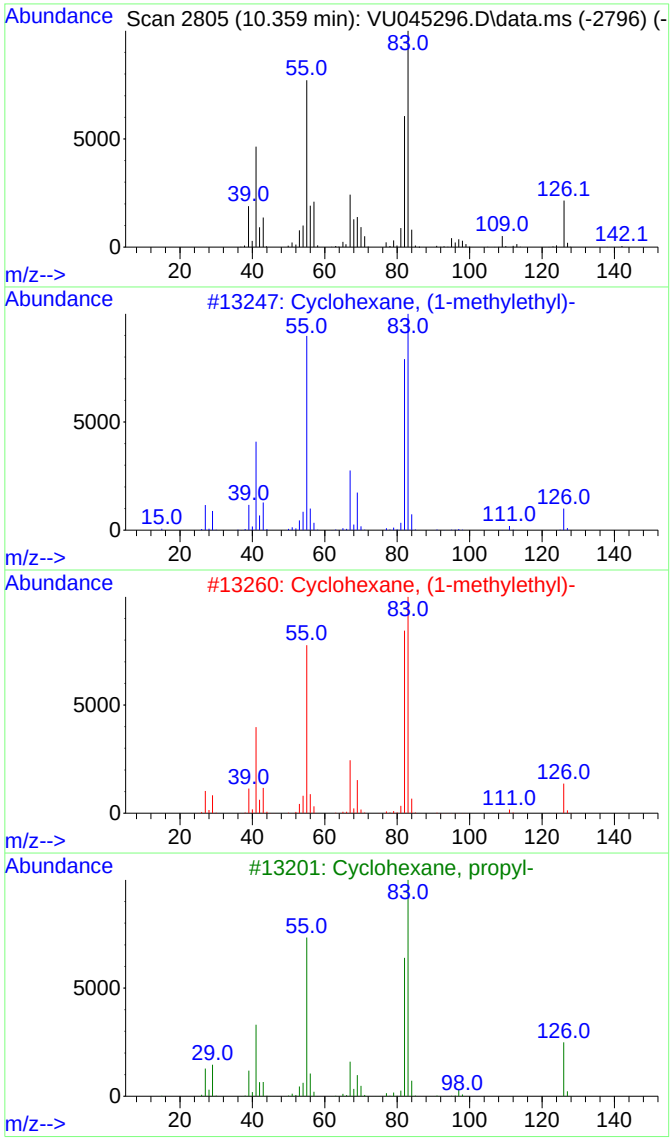
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

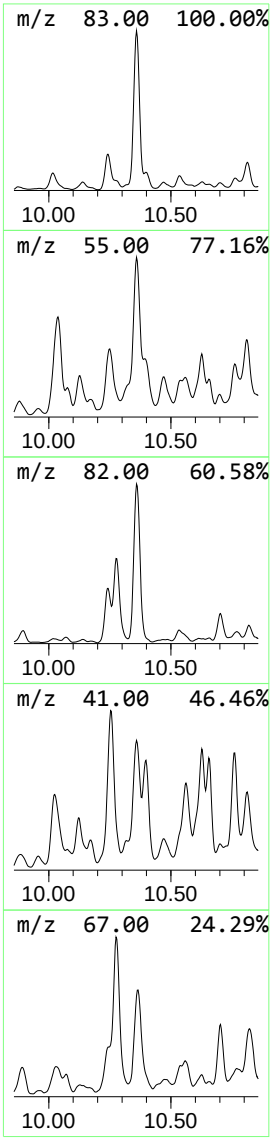
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic10.359 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.359	83.86 ug/L	1463000	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

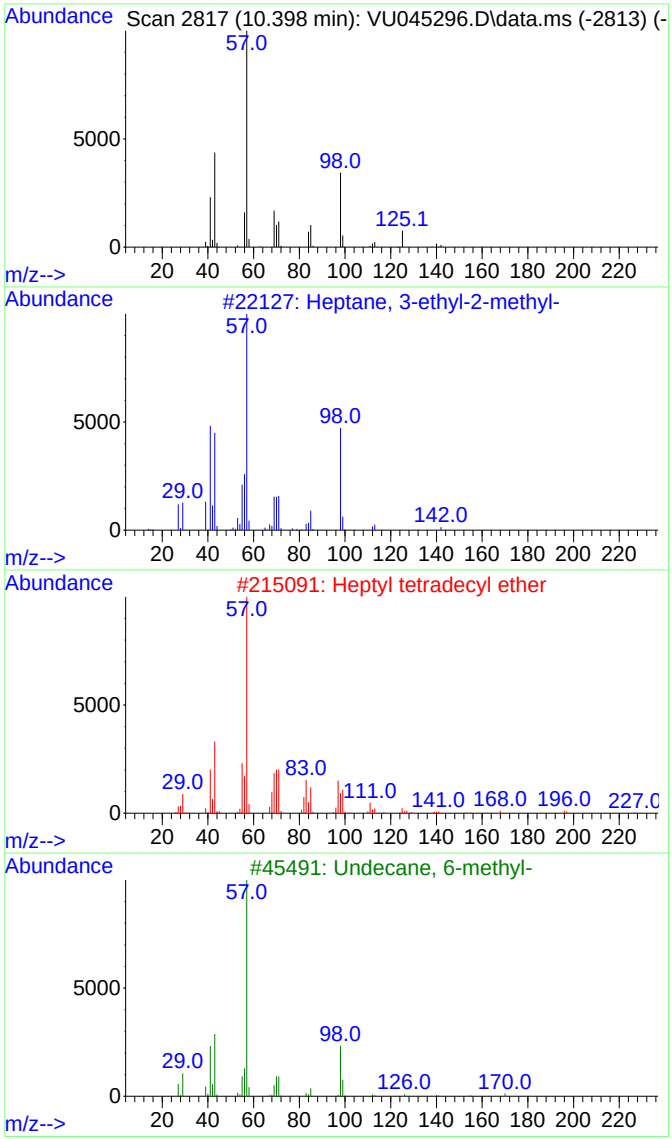
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

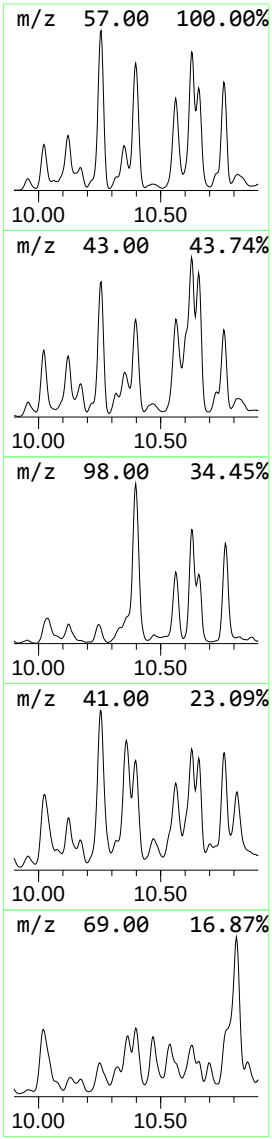
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.398	47.28 ug/L	824959	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
2	Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	64
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

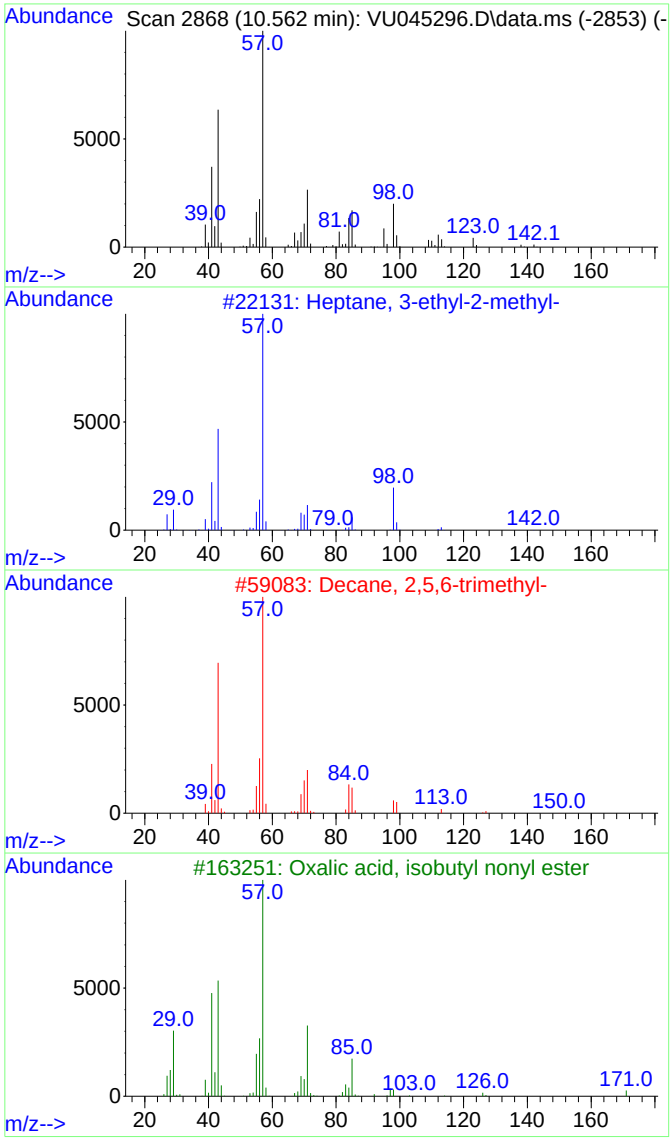
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

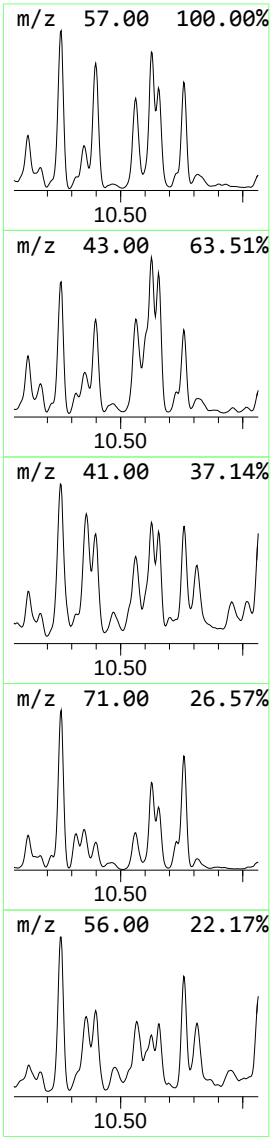
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.562	56.04 ug/L	977629	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	49
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

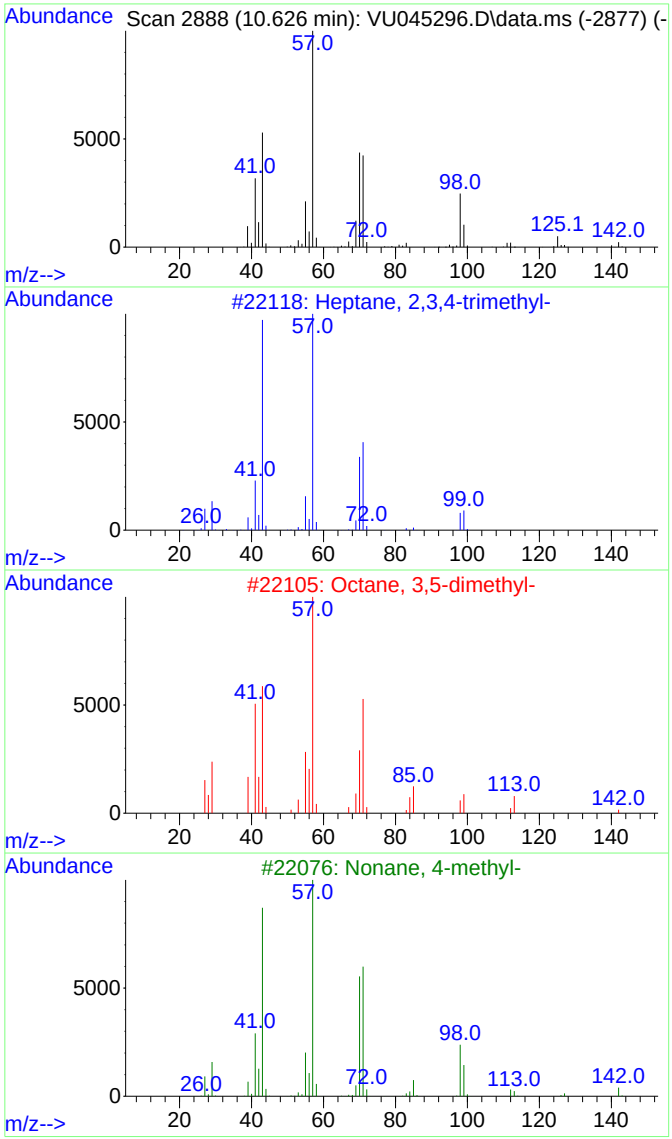
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

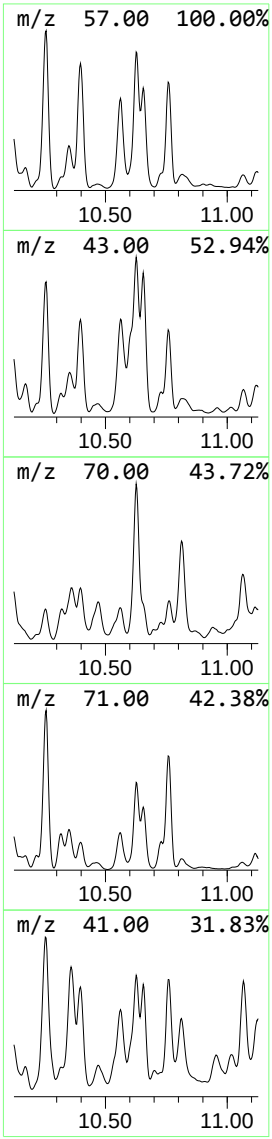
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.626	31.42 ug/L	1138940	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

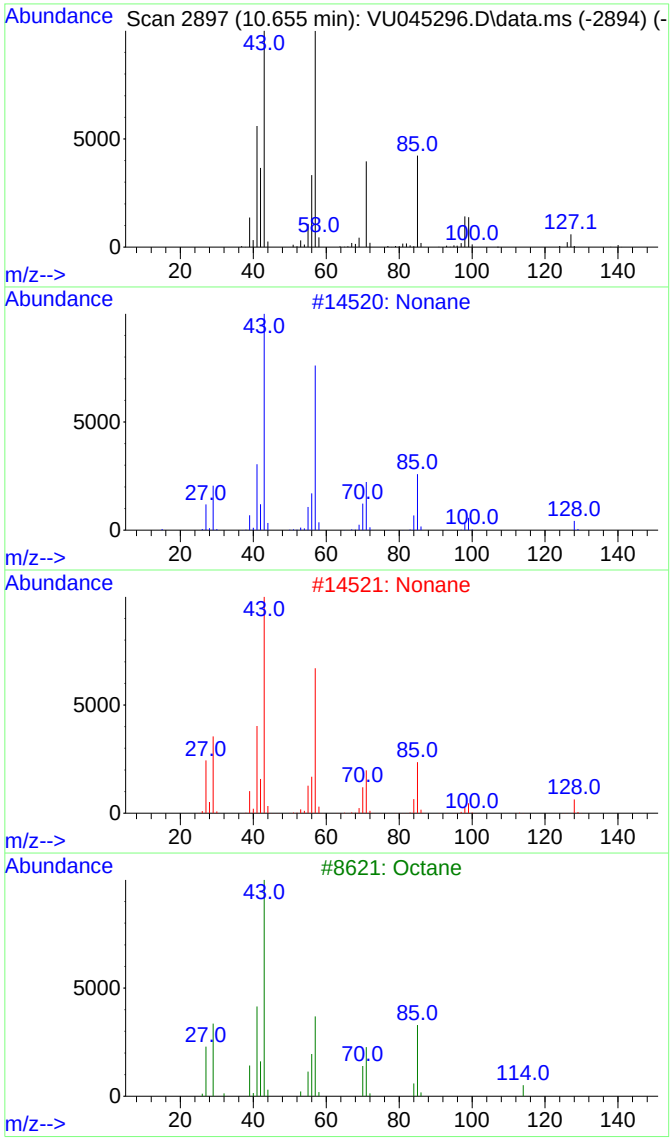
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

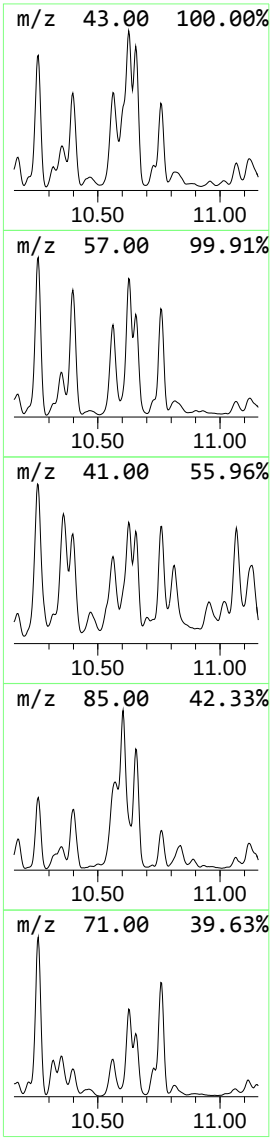
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.655	15.38 ug/L	557610	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	72
2	Nonane	128	C9H20	000111-84-2	64
3	Octane	114	C8H18	000111-65-9	59
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	59
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

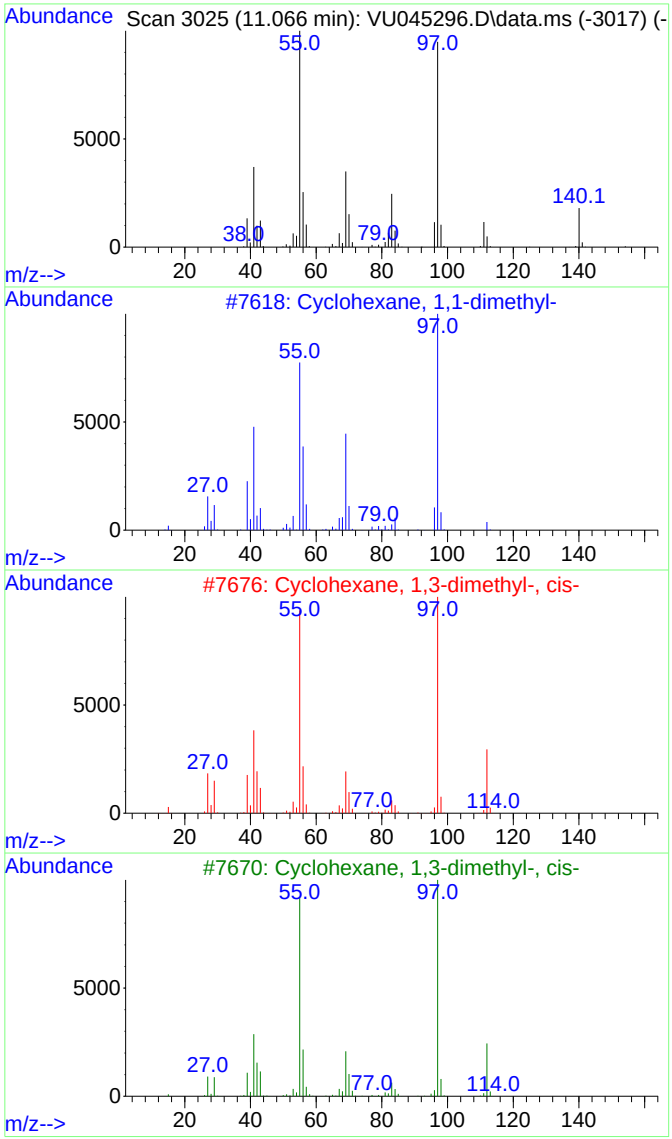
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

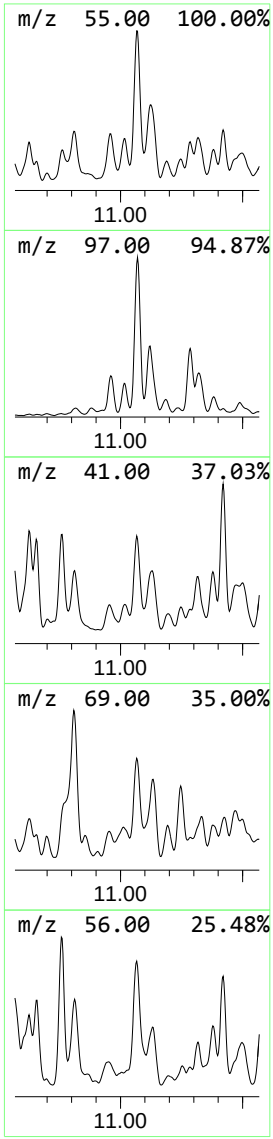
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic11.067 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	31.54 ug/L	1143550	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	70
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

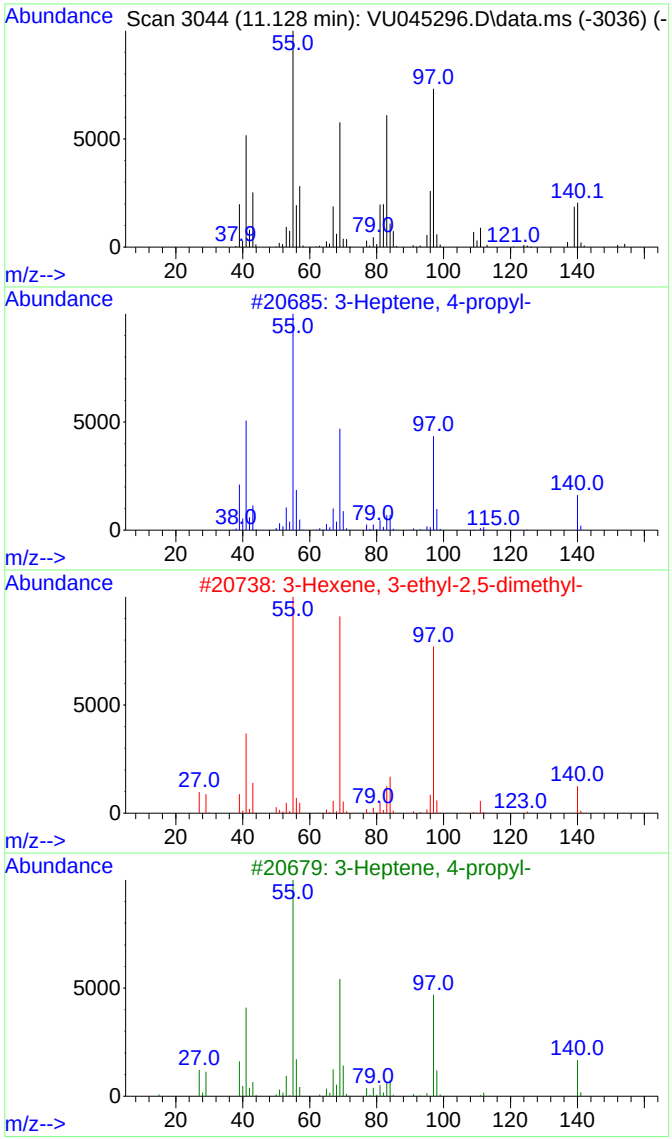
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

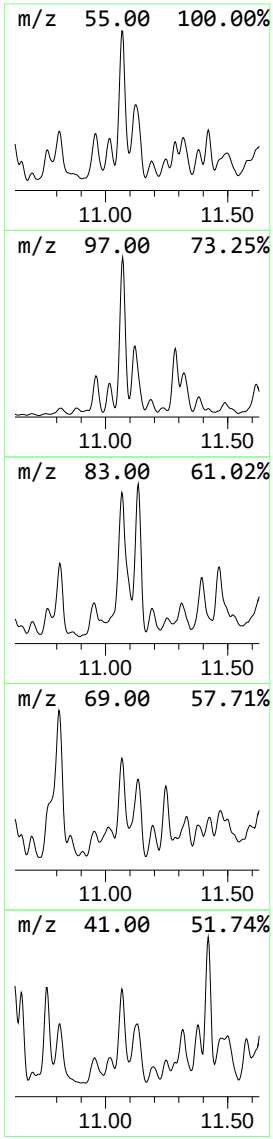
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.128	25.99 ug/L	942193	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	58
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	53
3	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	49
4	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	46
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

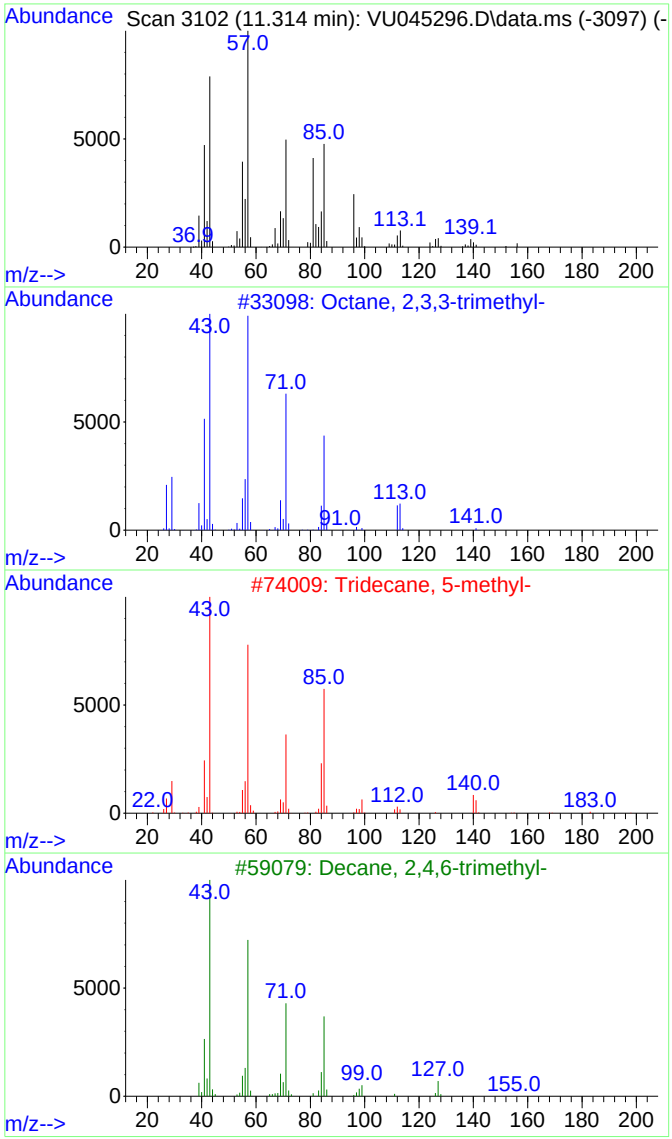
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

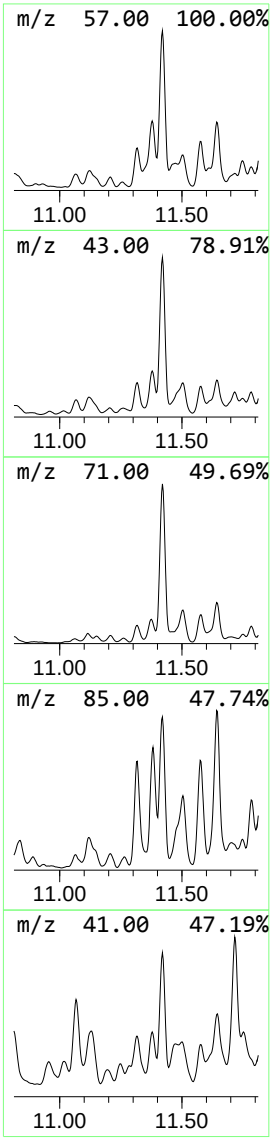
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.314	15.60 ug/L	565642	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
2	Tridecane, 5-methyl-	198	C14H30	025117-31-1	53
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	50
4	Hexadecane	226	C16H34	000544-76-3	50
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

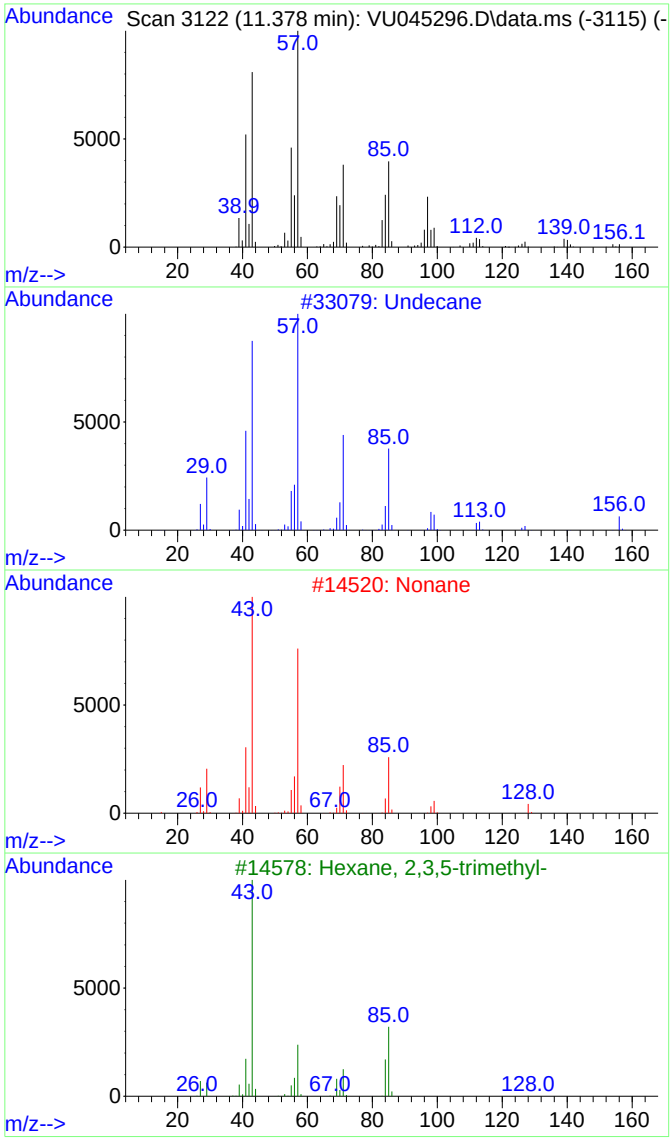
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

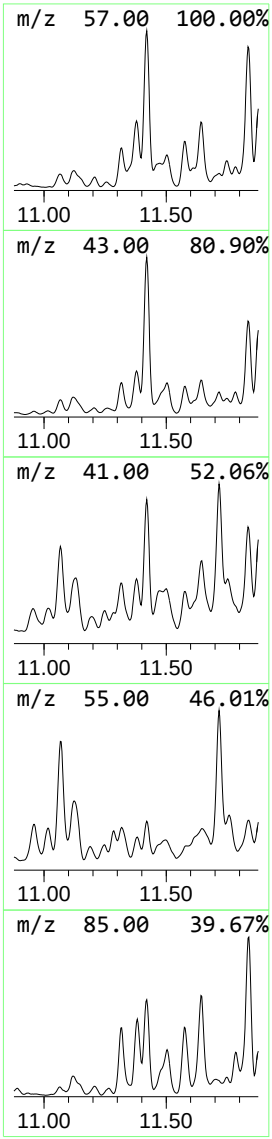
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	11.81 ug/L	428184	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	68
2	Nonane	128	C9H20	000111-84-2	59
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59
4	Nonane	128	C9H20	000111-84-2	59
5	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

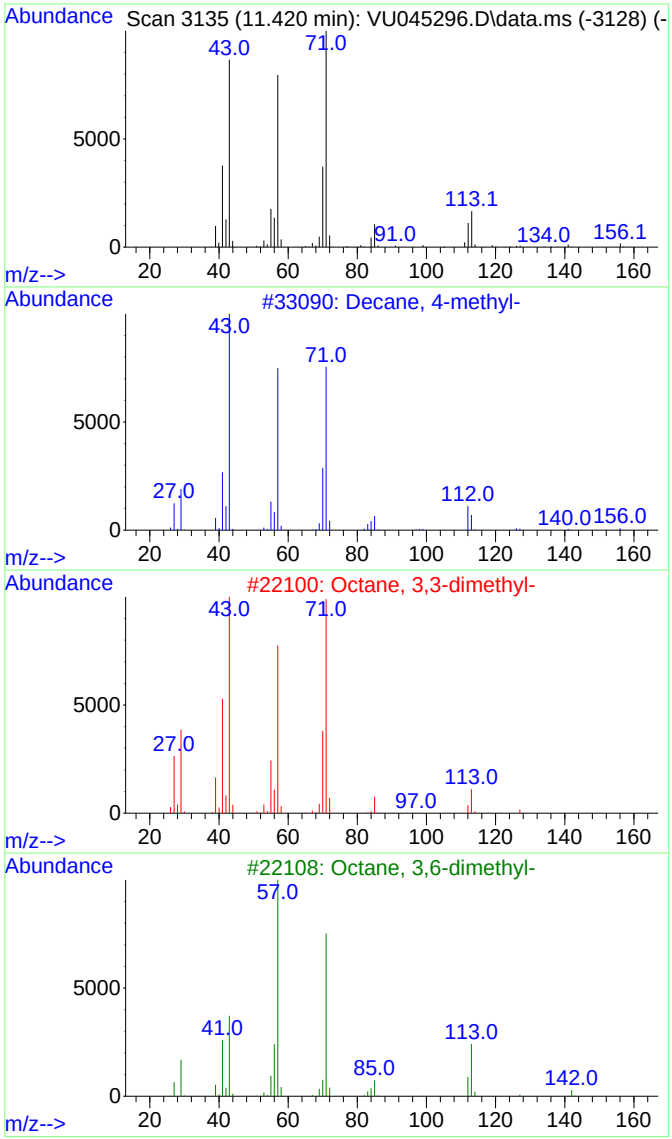
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

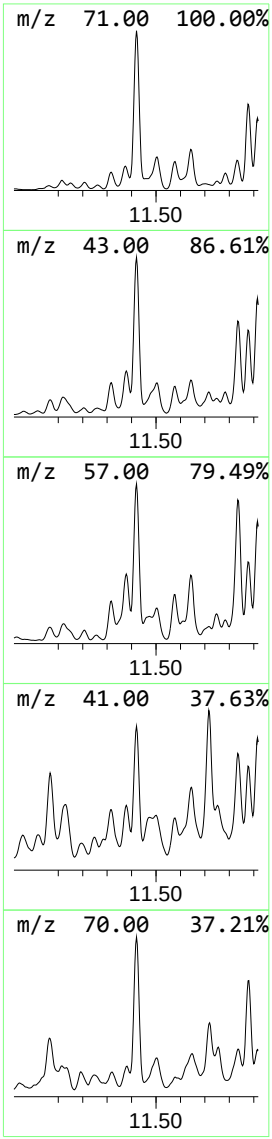
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.420	33.72 ug/L	1222370	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	86
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5	Decane, 4-methyl-	156	C11H24	002847-72-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

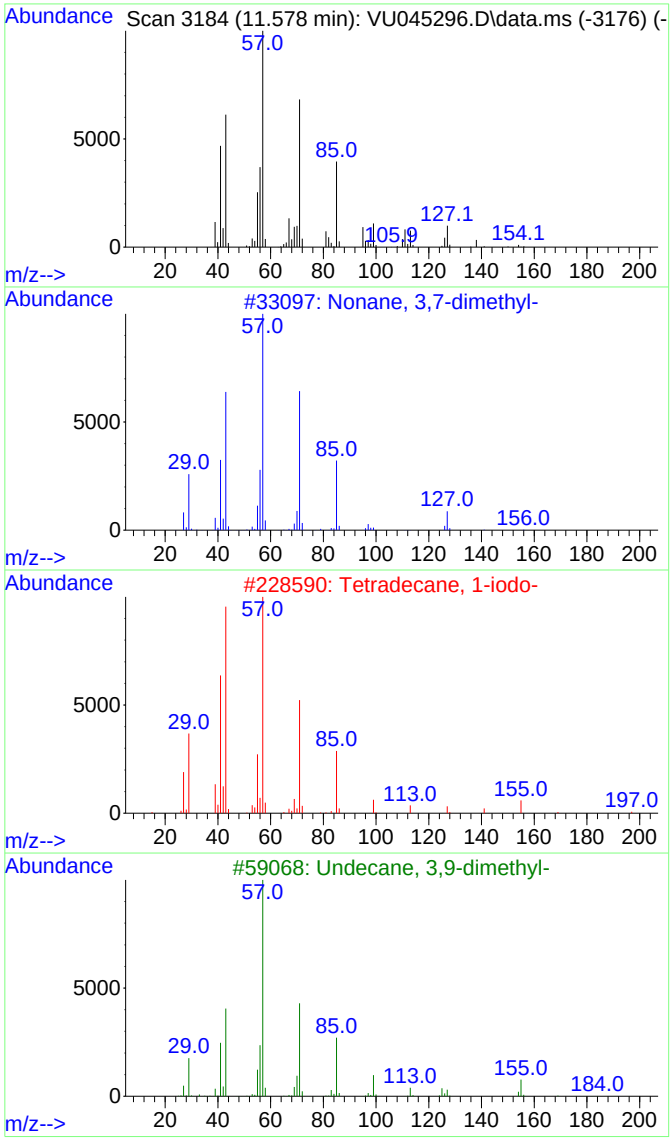
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

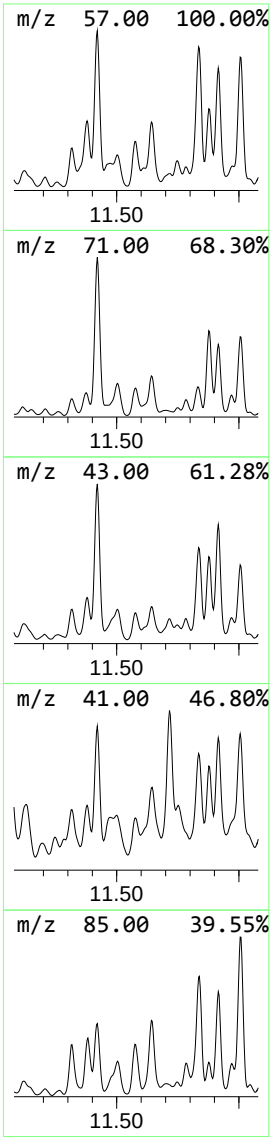
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.578	11.46 ug/L	415377	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
3	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
4	Eicosane	282	C20H42	000112-95-8	59
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

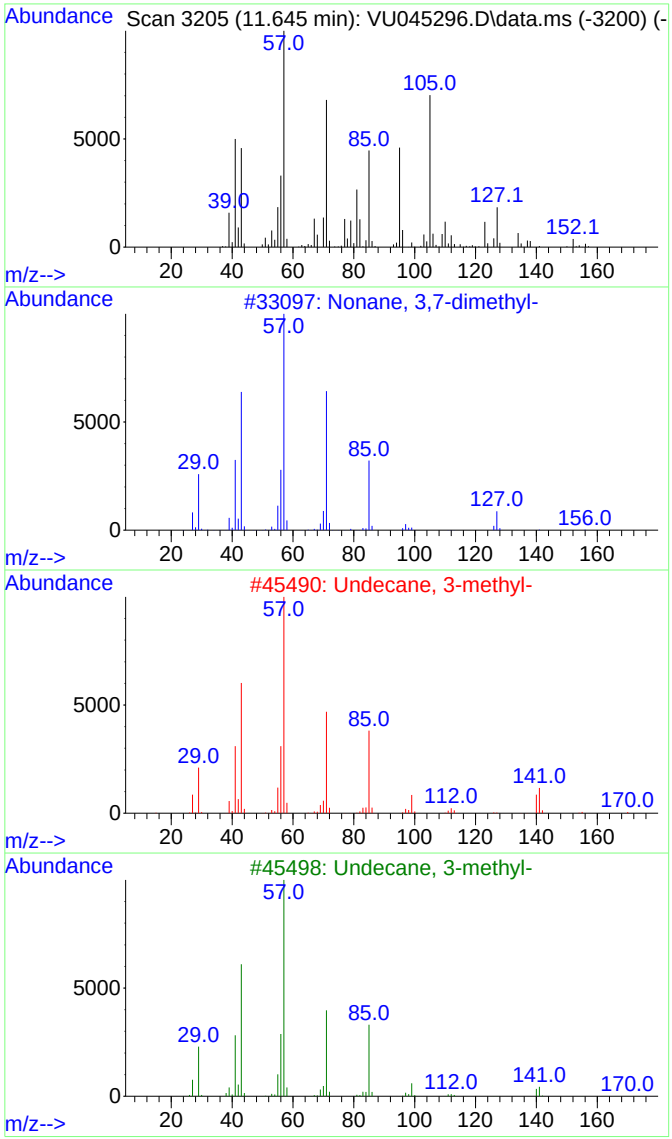
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

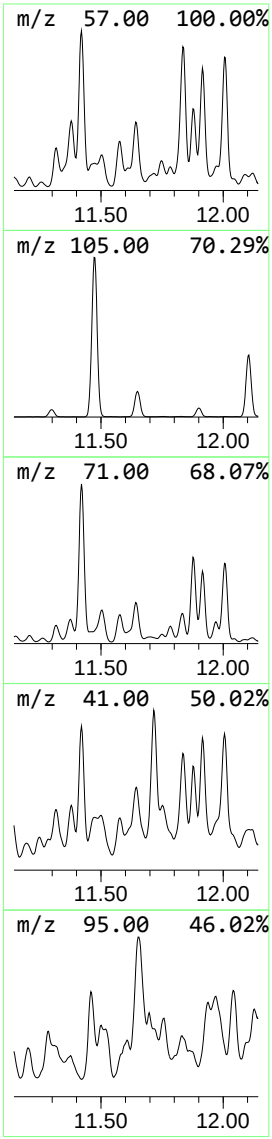
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	19.13 ug/L	693616	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

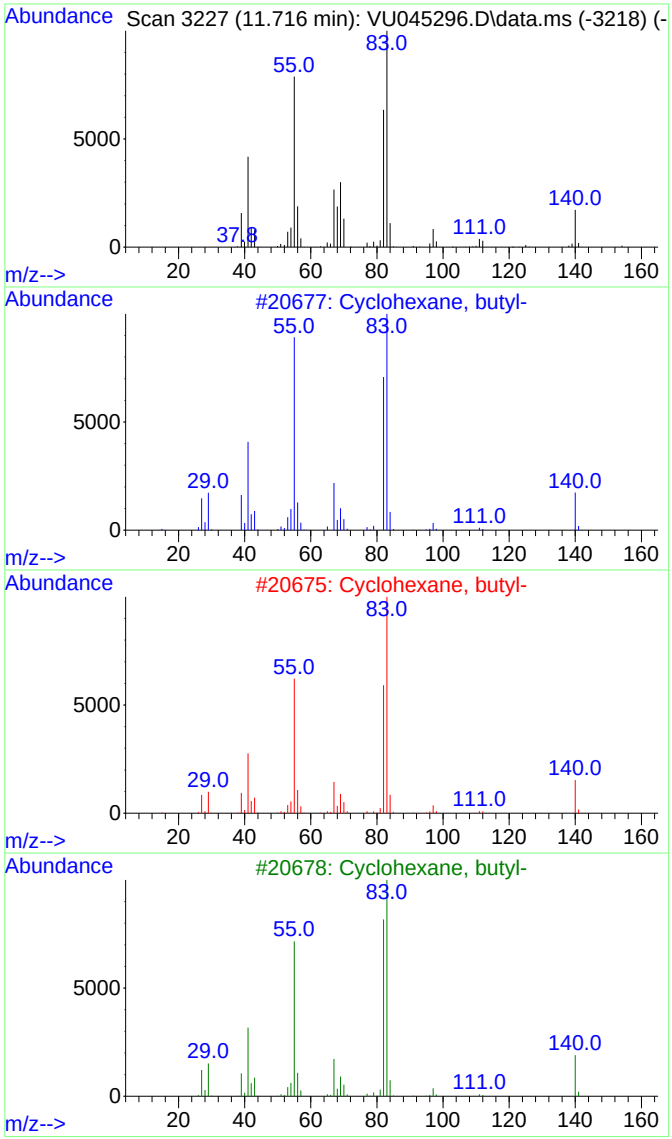
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

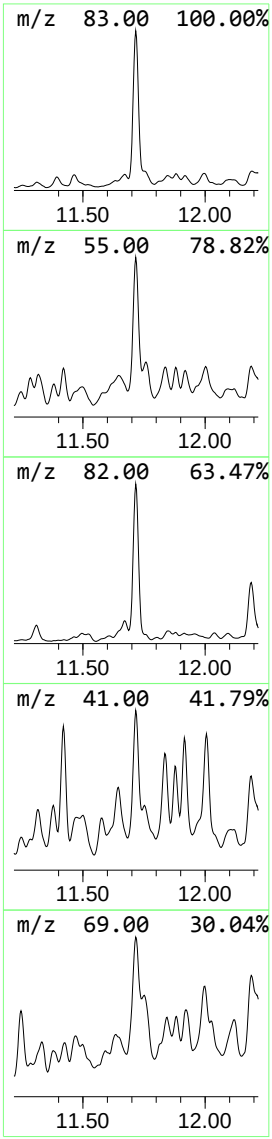
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic11.716 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	42.72 ug/L	1548860	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

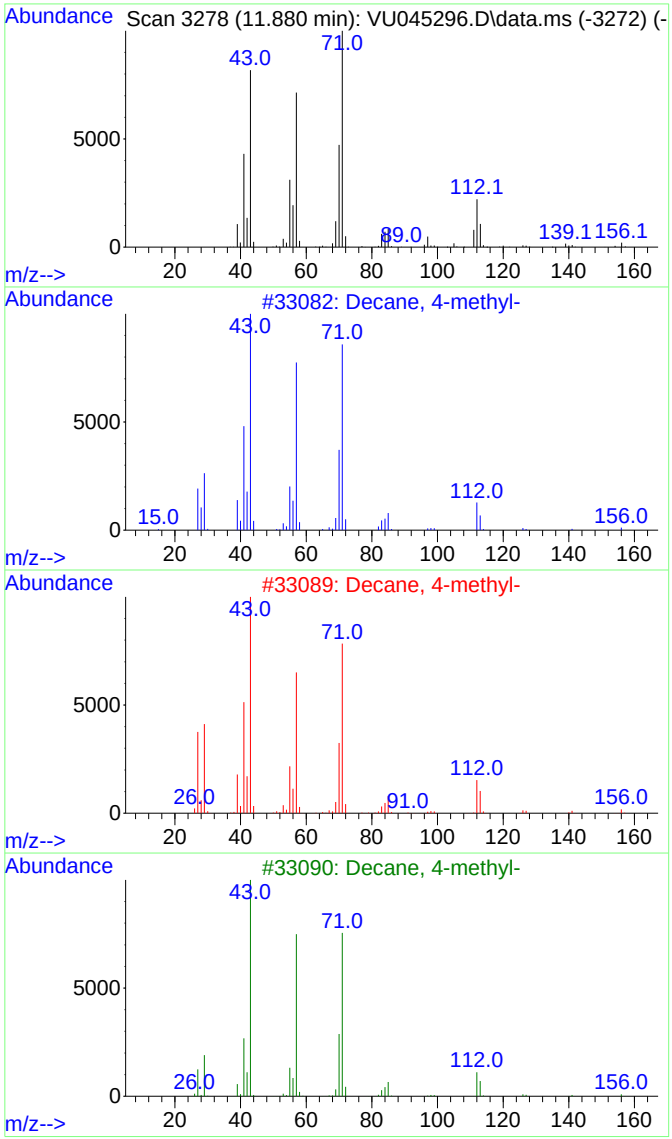
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

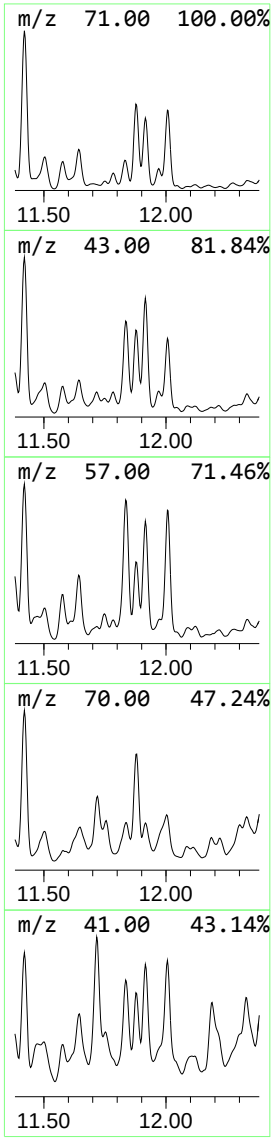
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	18.78 ug/L	680667	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Decane, 4-methyl-	156	C11H24	002847-72-5	86
3	Decane, 4-methyl-	156	C11H24	002847-72-5	76
4	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64
5	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

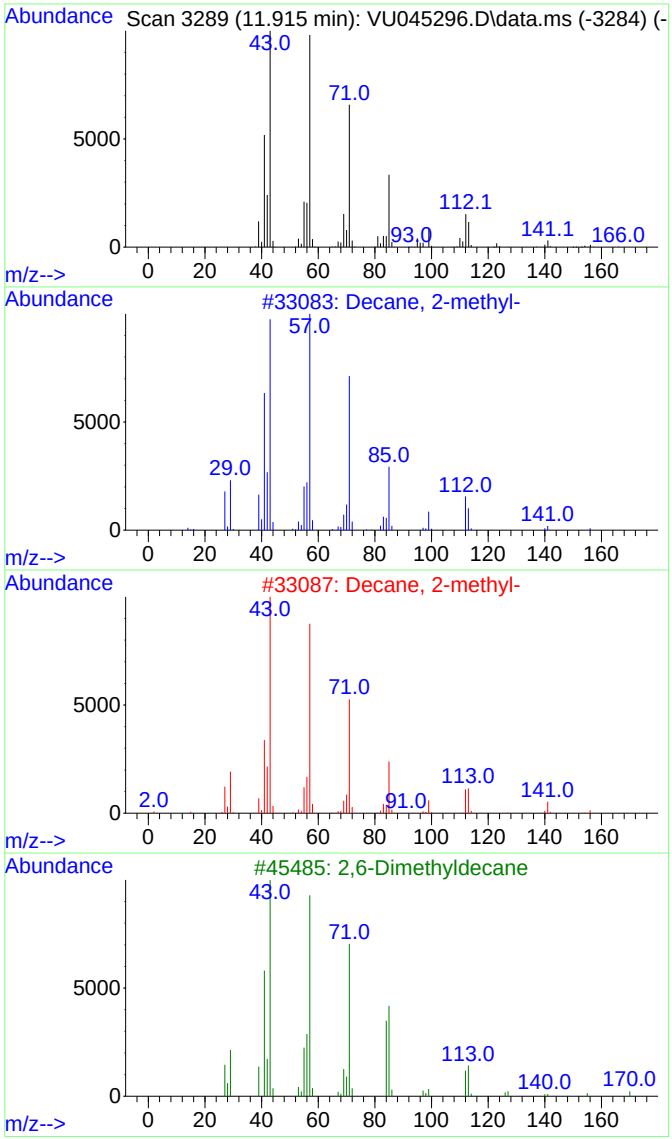
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

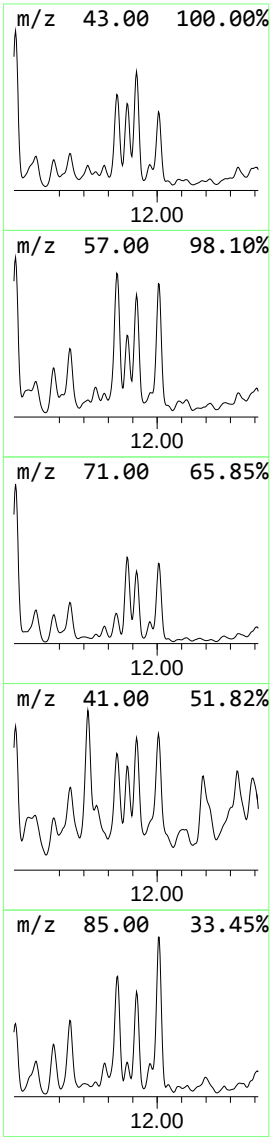
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.915	22.92 ug/L	830791	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	94
2	Decane, 2-methyl-	156	C11H24	006975-98-0	86
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	80
4	Decane, 2-methyl-	156	C11H24	006975-98-0	74
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

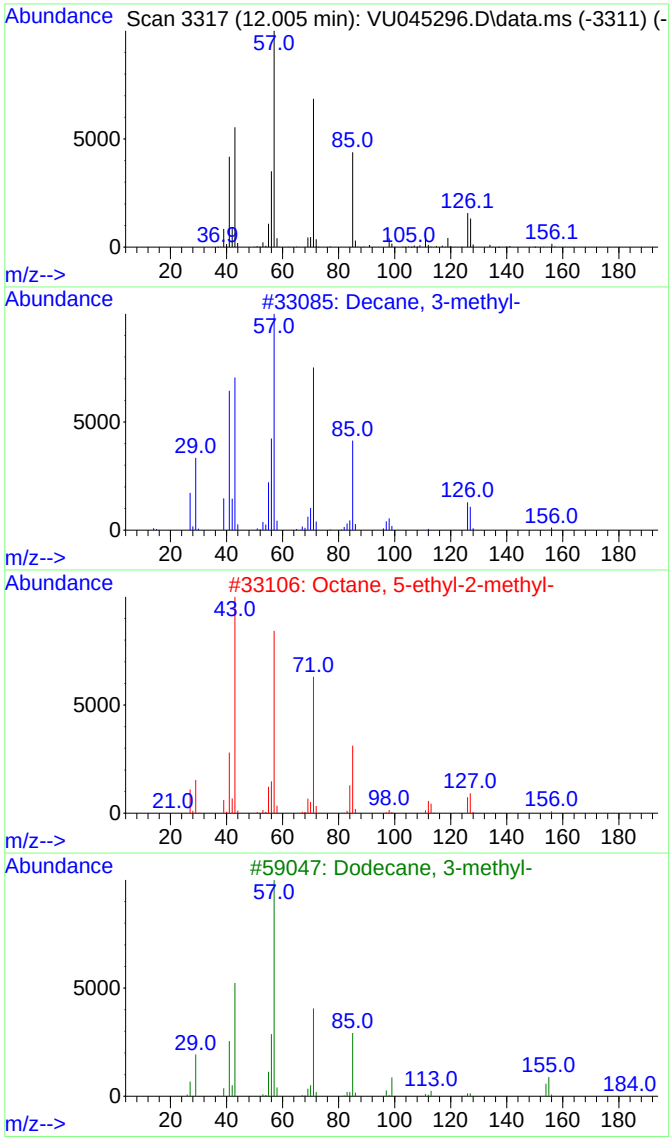
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

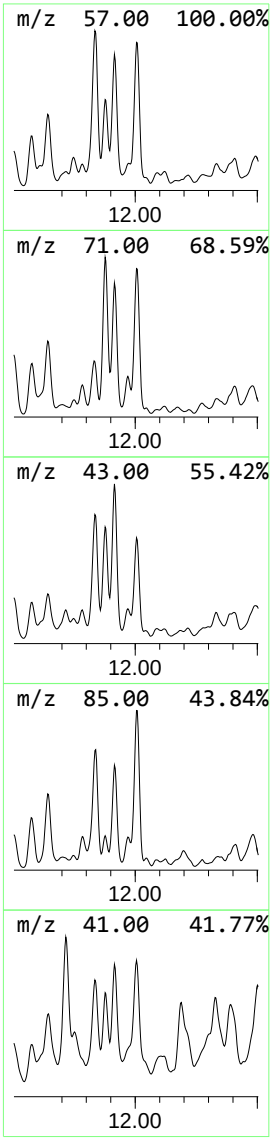
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	38.64 ug/L	1400650	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	87
2	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	59
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7E3ME

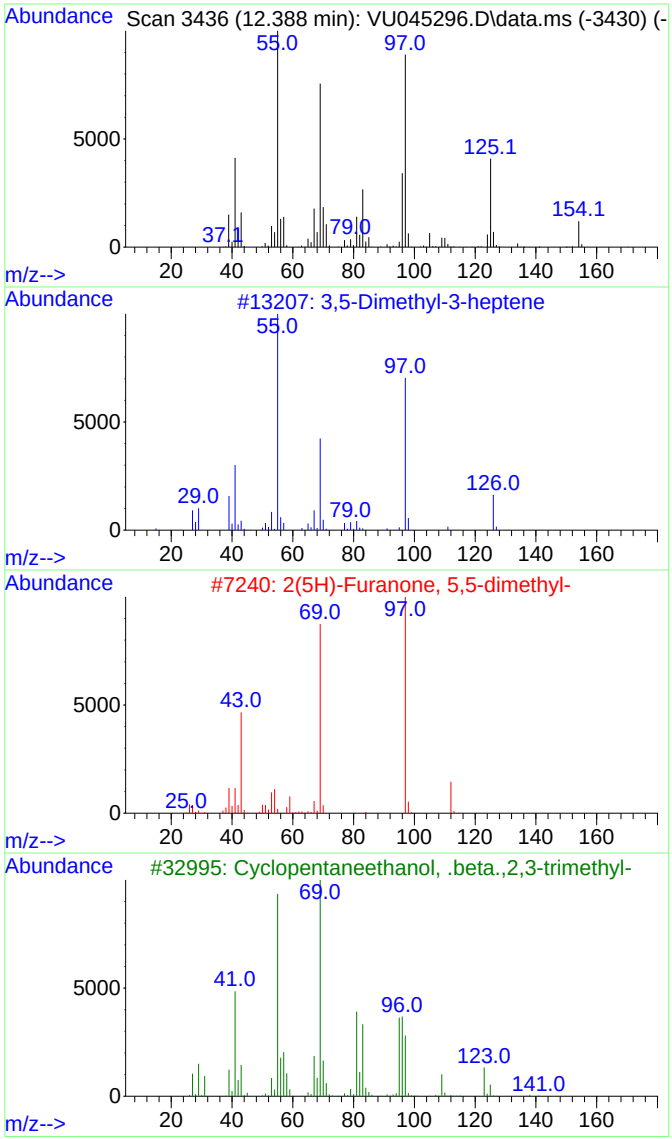
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

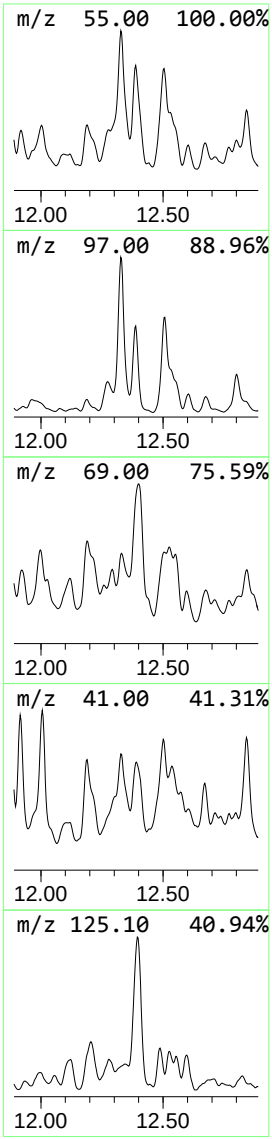
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.388	33.06 ug/L	1198490	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	47
2	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	43
3	Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	43
4	Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	43
5	4-Undecene, (Z)-	154	C11H22	000821-98-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

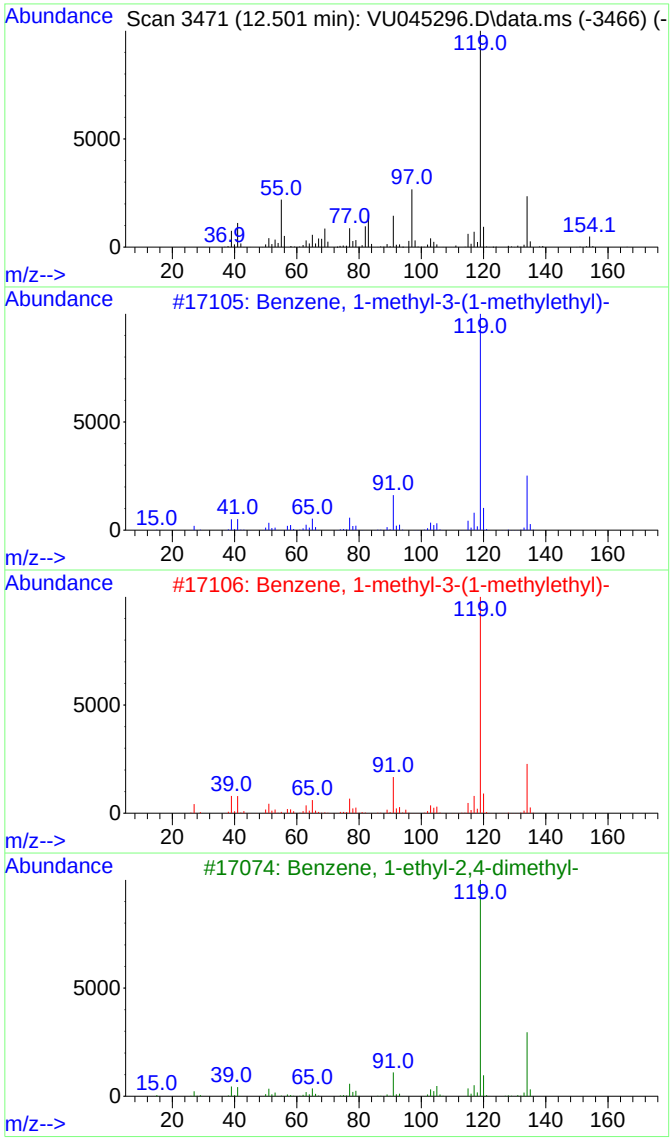
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

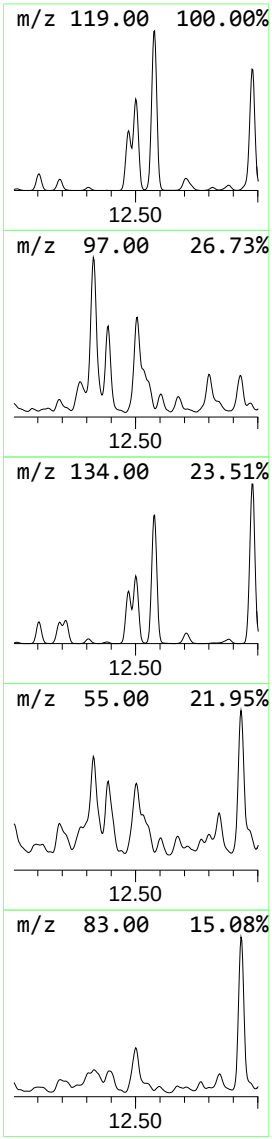
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1-methyl-3-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.501	39.64 ug/L	1437130	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	89
4	p-Cymene	134	C10H14	000099-87-6	89
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

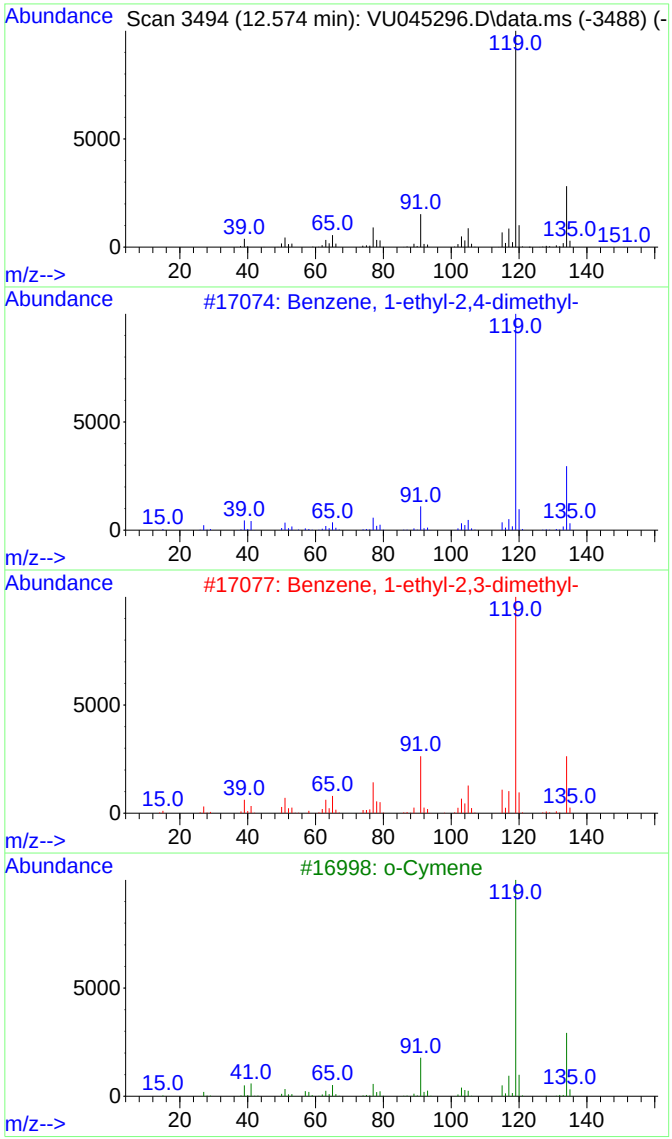
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

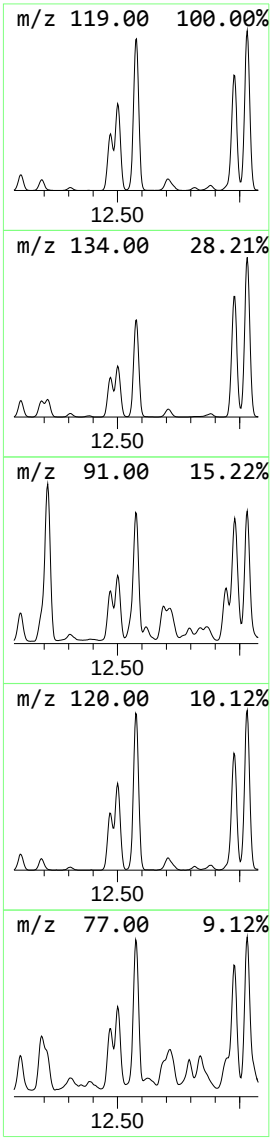
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	55.20 ug/L	2001080	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

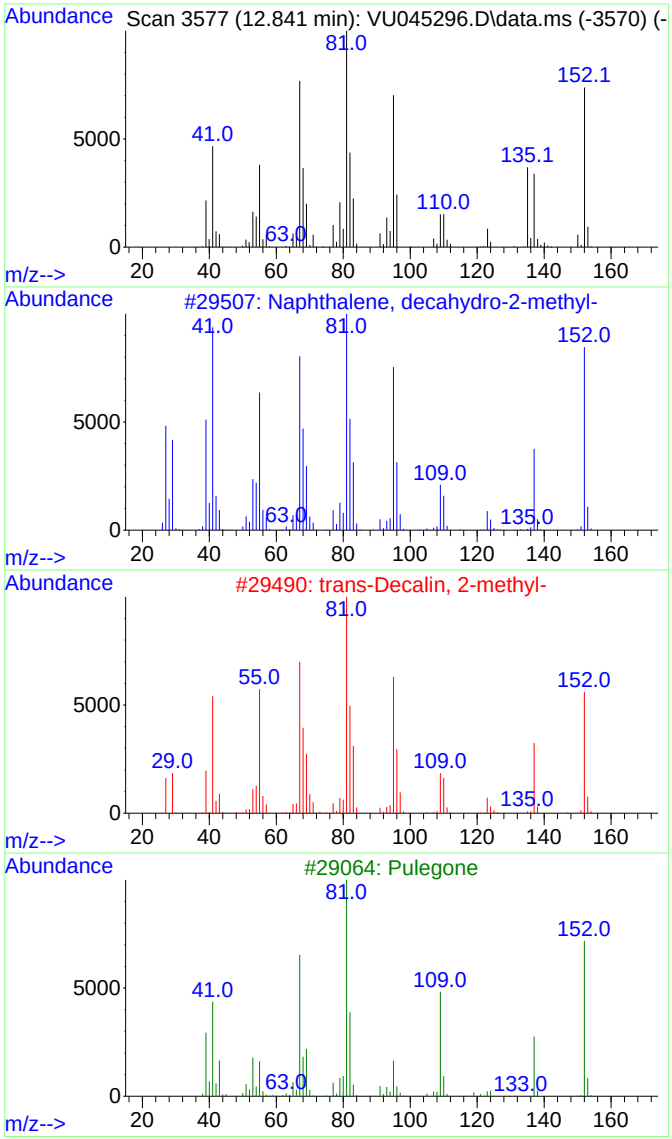
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

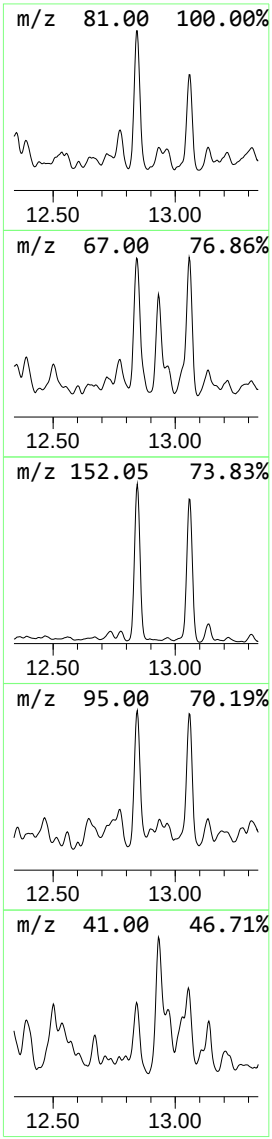
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, decahydro-2-me... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.841	50.69 ug/L	1837740	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3	Pulegone	152	C10H16O	000089-82-7	90
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	74
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

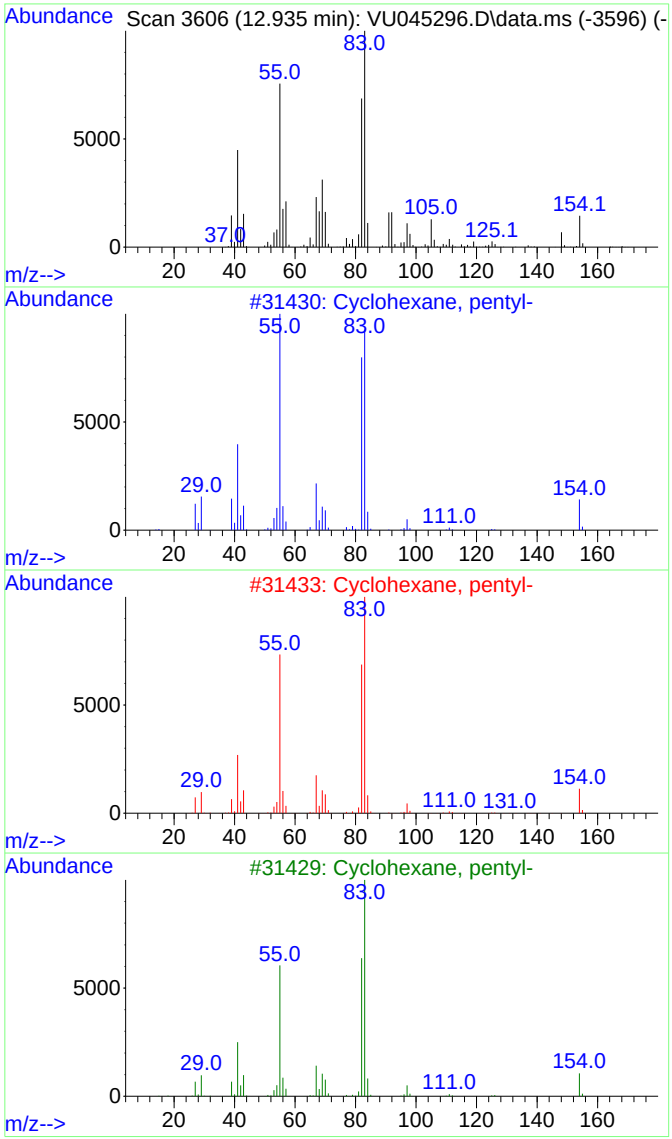
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

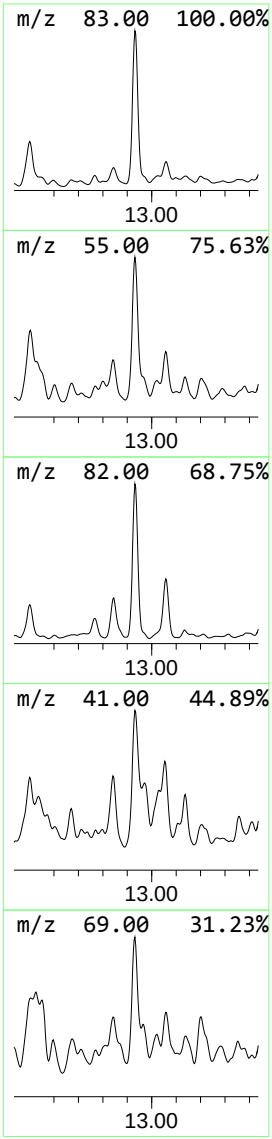
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Cyclic12.935 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.935	68.49 ug/L	2482740	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

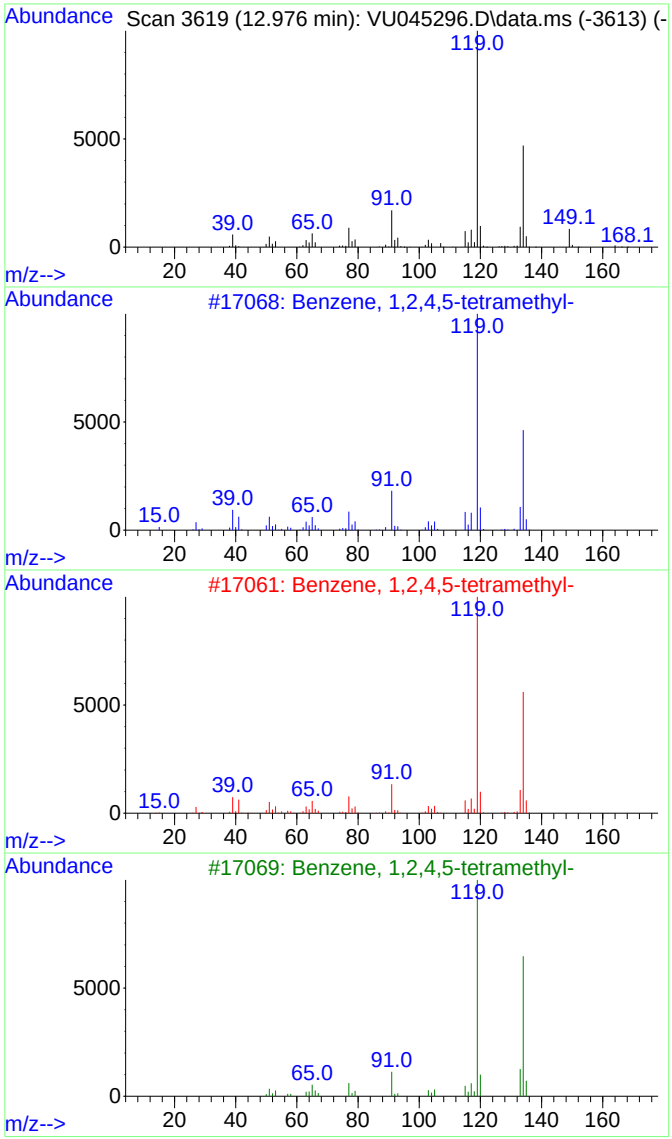
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

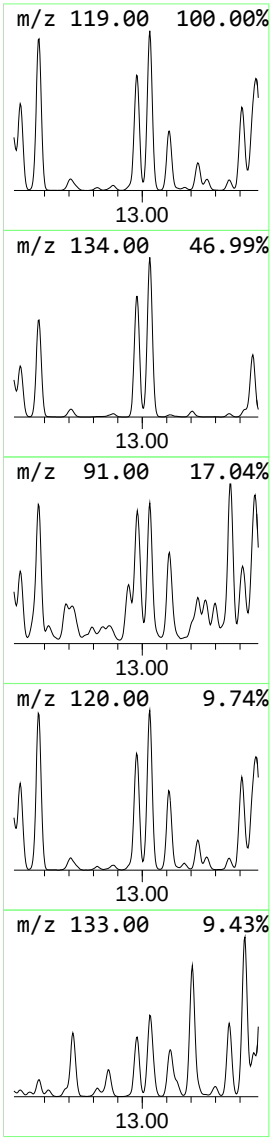
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	71.76 ug/L	2601550	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

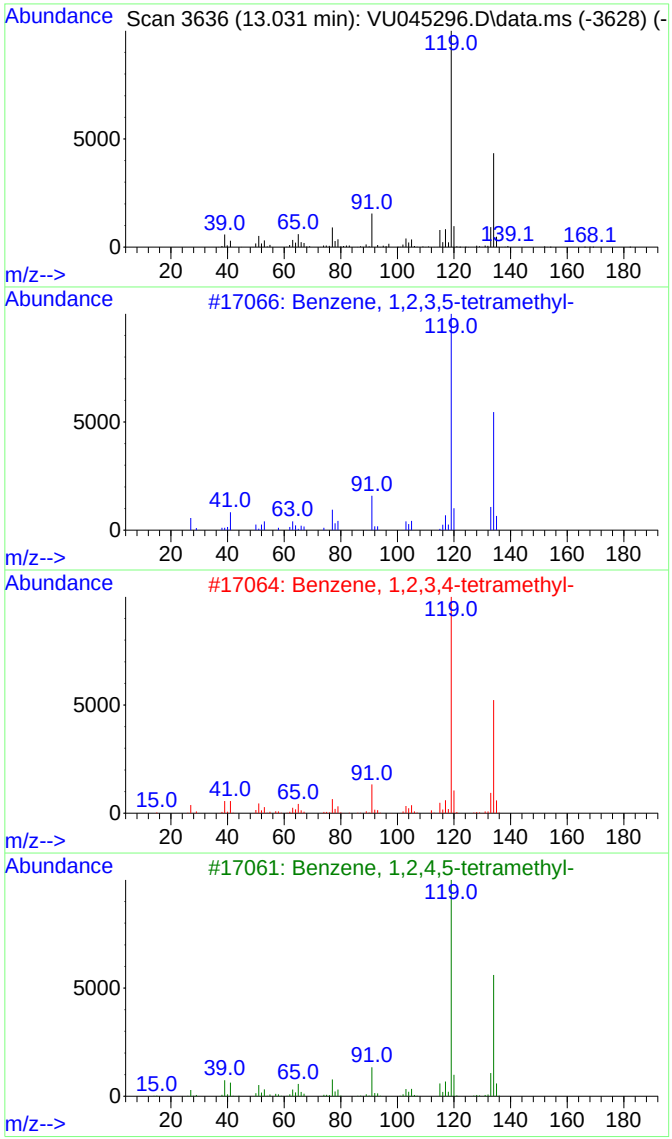
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

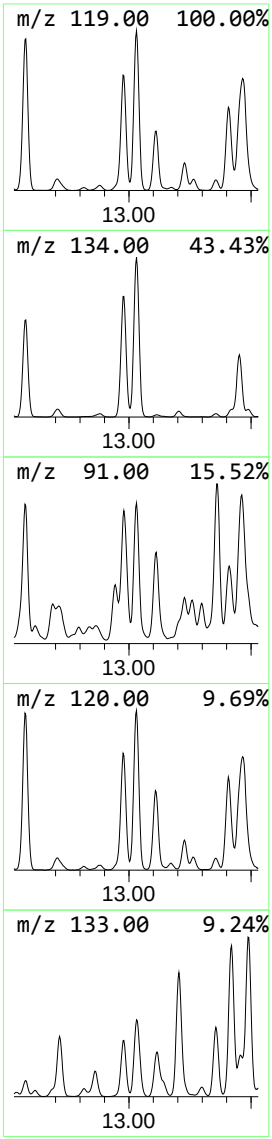
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	118.29 ug/L	4288150	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





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Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

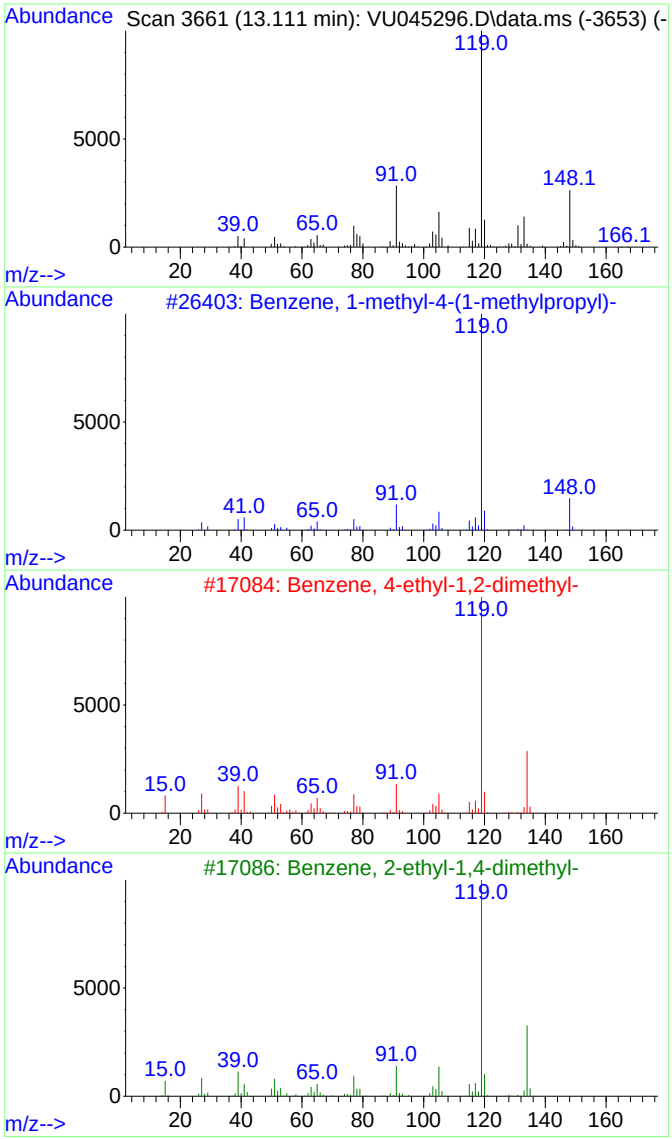
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

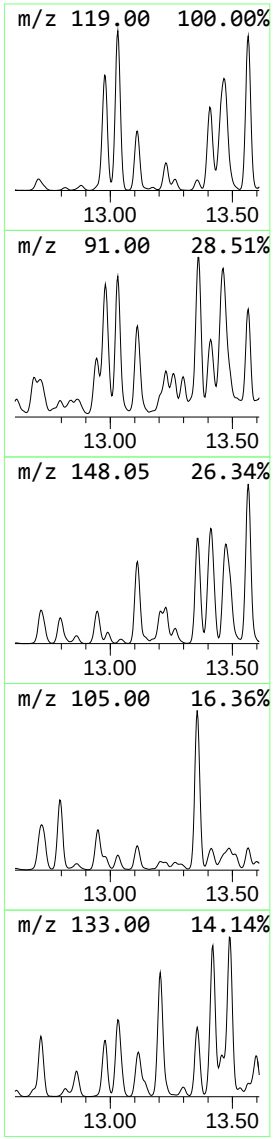
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1-methyl-4-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.111	57.51 ug/L	2084670	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	68





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Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

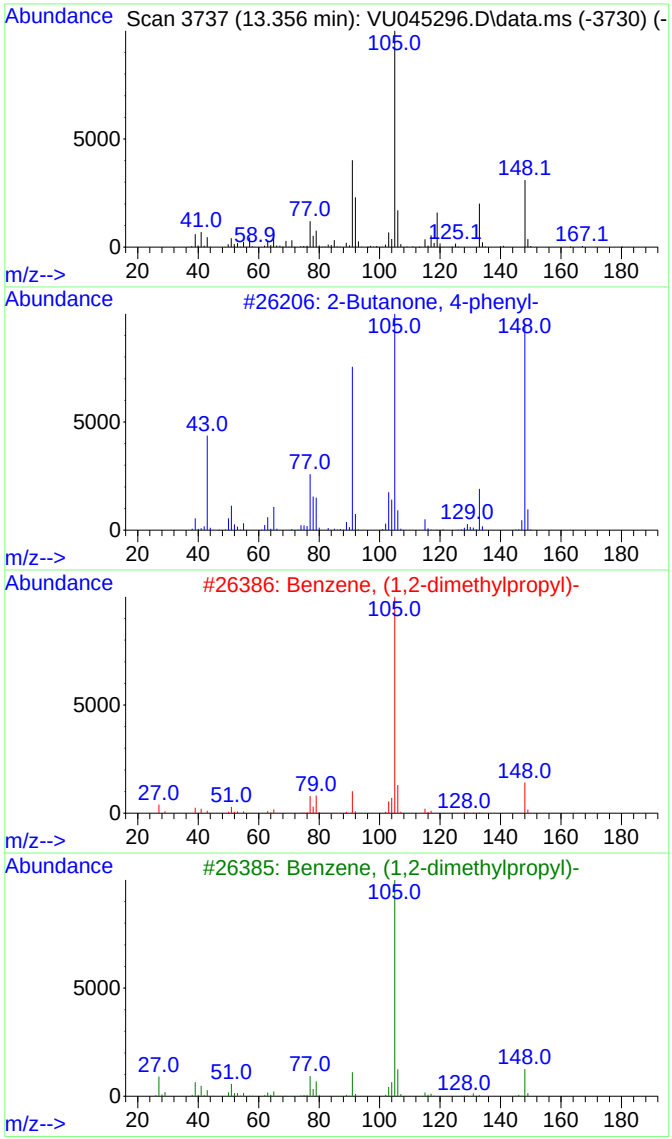
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

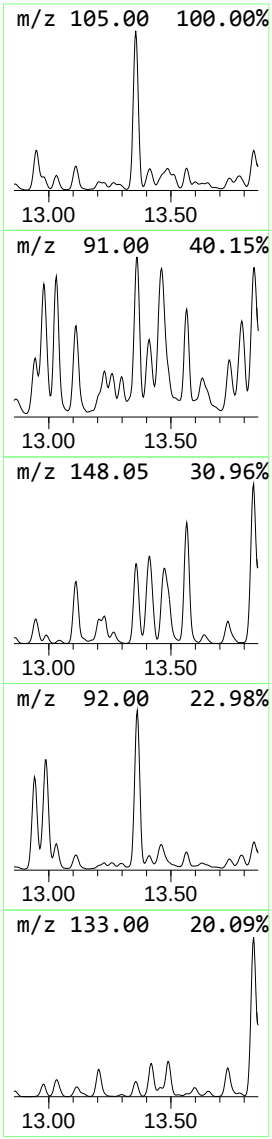
****

Peak Number 49 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.356	39.02 ug/L	1414390	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	46
2	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	38
3	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	38
4	2-Methylindan-2-ol	148	C10H12O	033223-84-6	35
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

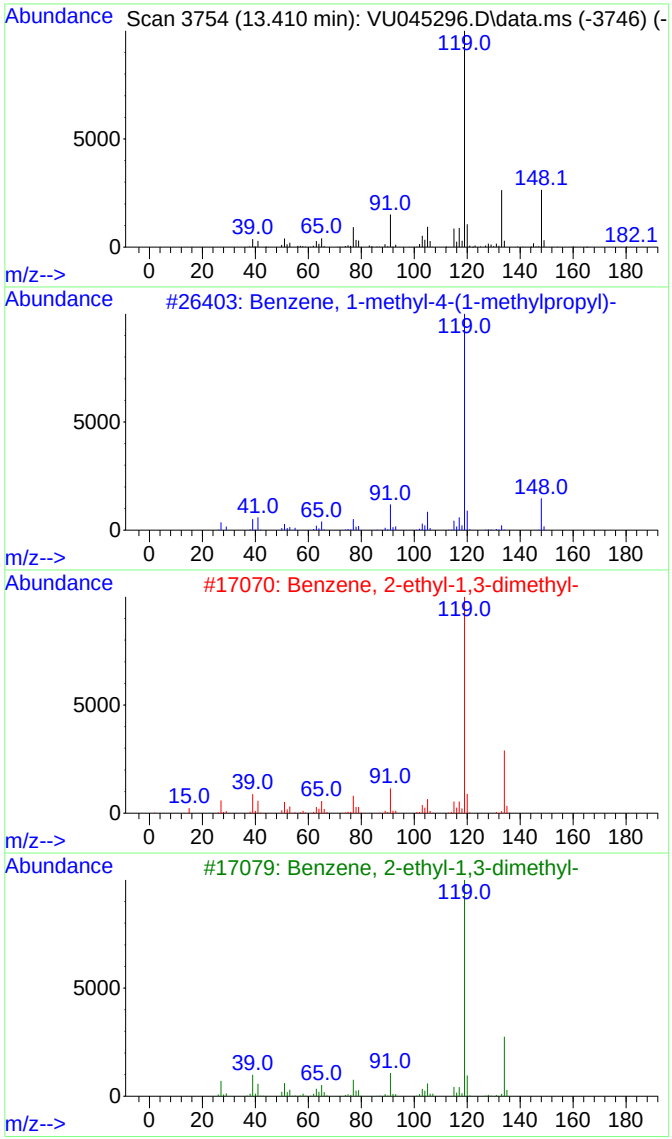
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

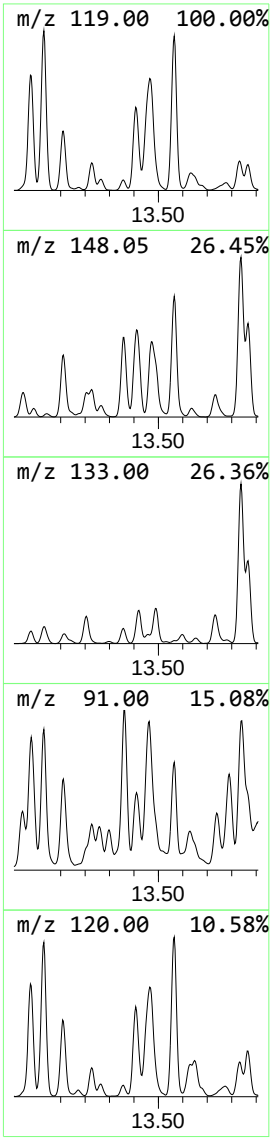
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	42.80 ug/L	1551520	1,4-Dichlorobenzene-d4	11.819

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	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
5	o-Cymene	134	C10H14	000527-84-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

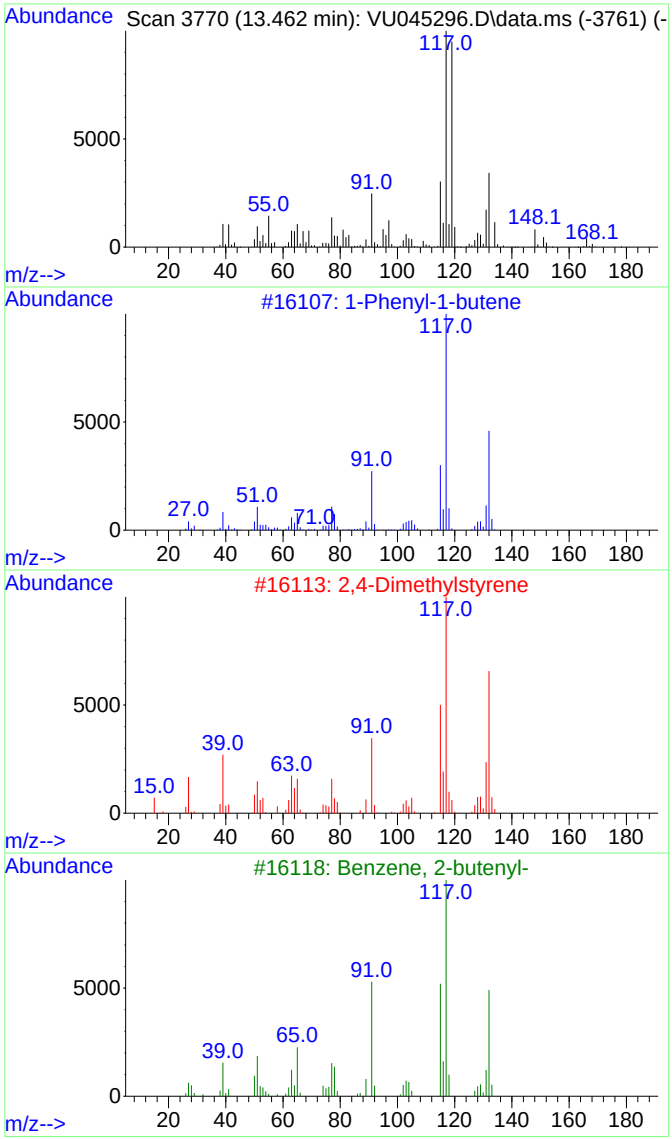
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

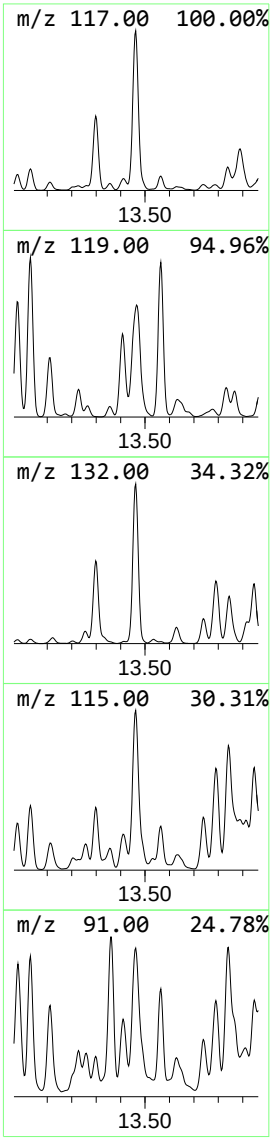
****

Peak Number 51 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.462	168.23 ug/L	6098580	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

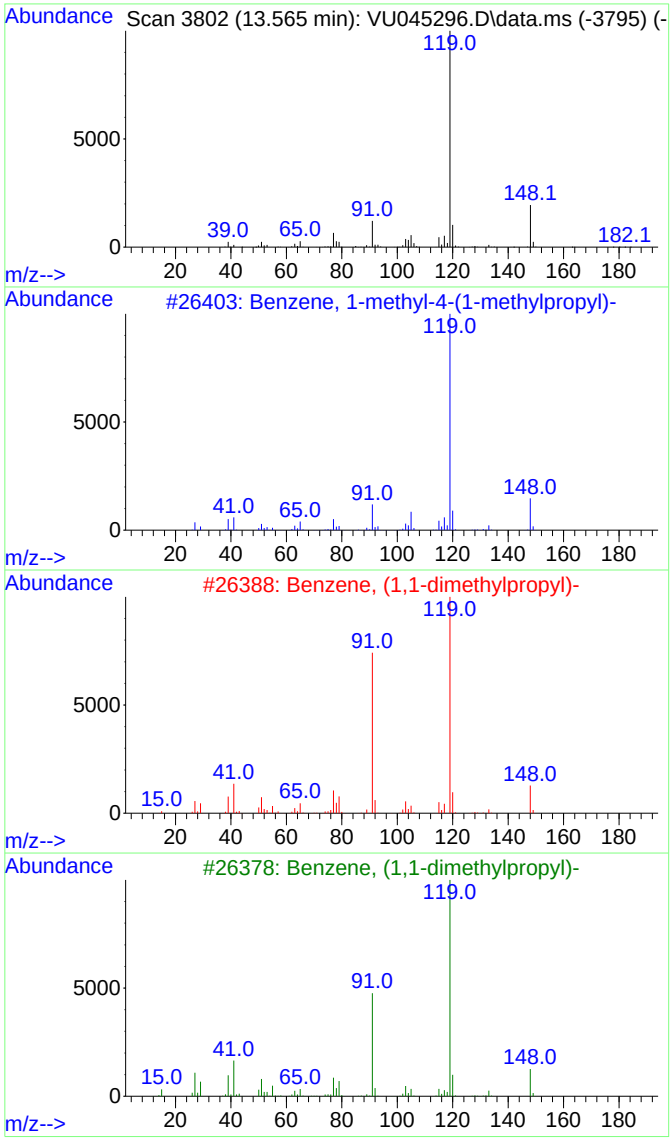
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

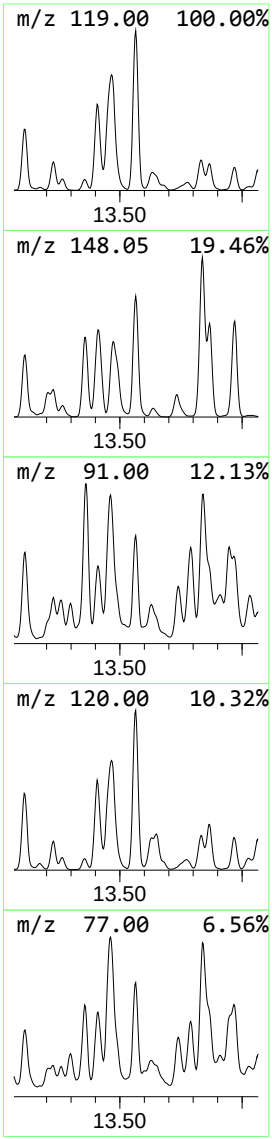
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, (1,1-dimethylpropyl)- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.565	40.41 ug/L	1464760	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
4	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	78
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7E3ME

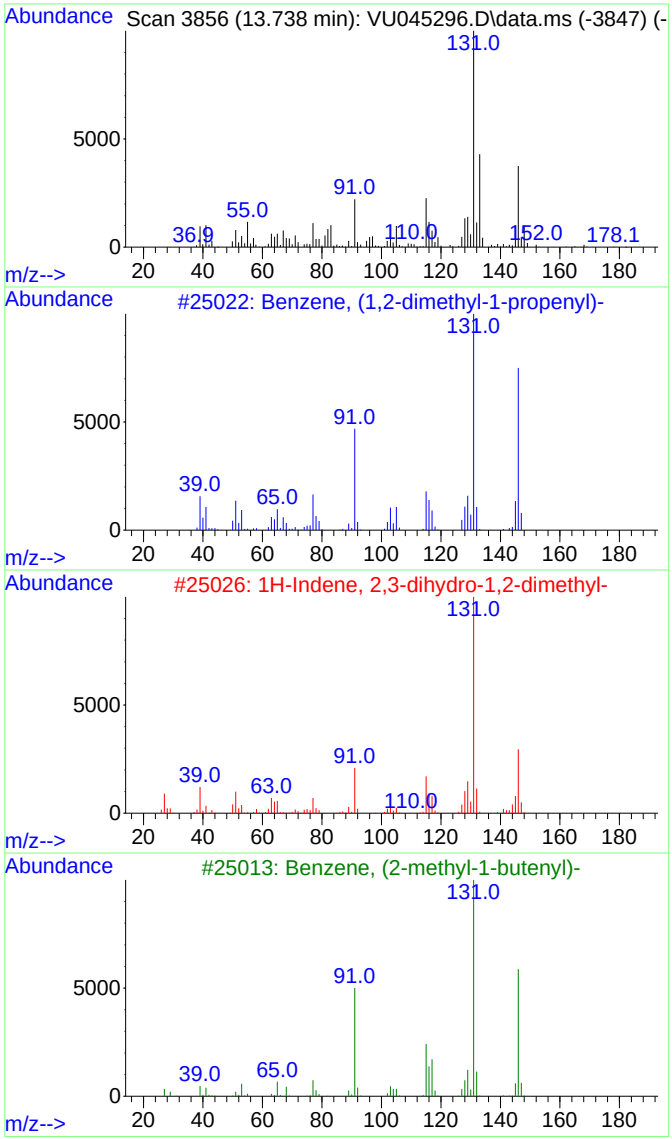
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

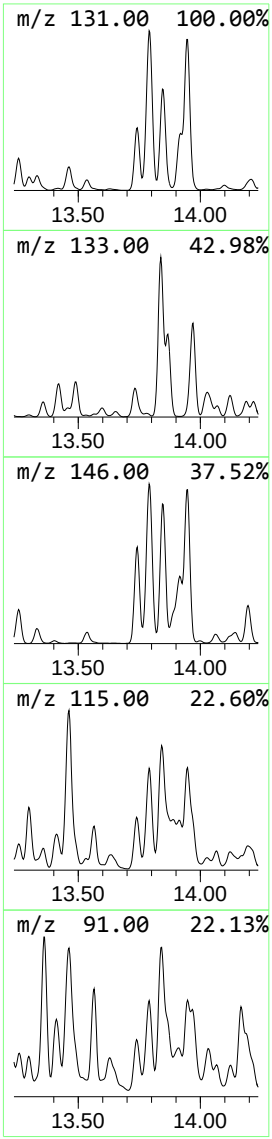
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	51.77 ug/L	1876670	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	86
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

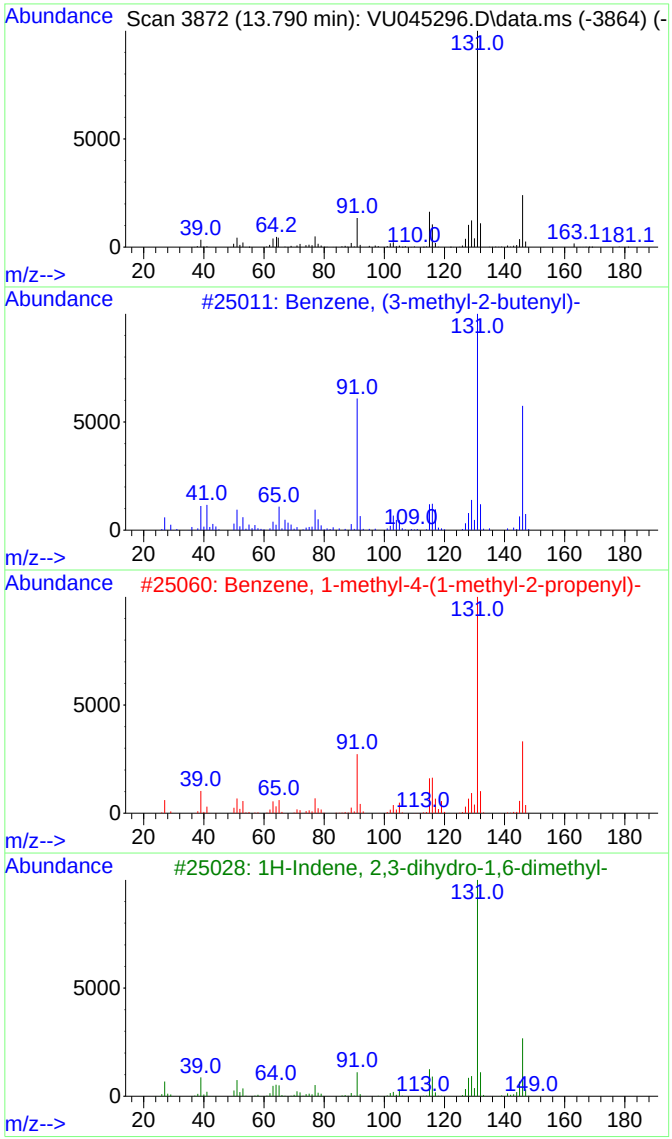
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

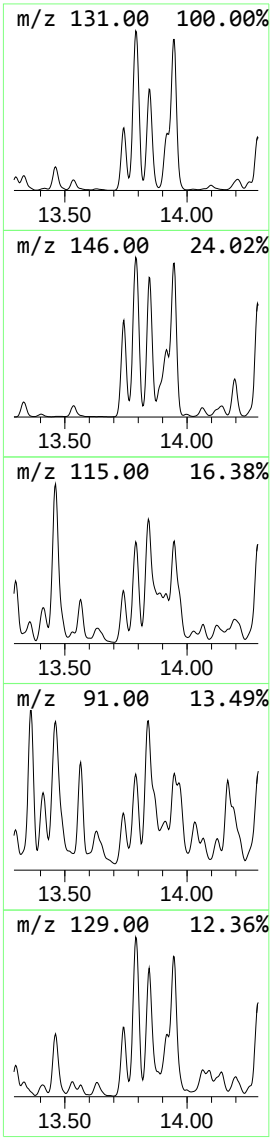
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, (3-methyl-2-butenyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.790	54.02 ug/L	1958260	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

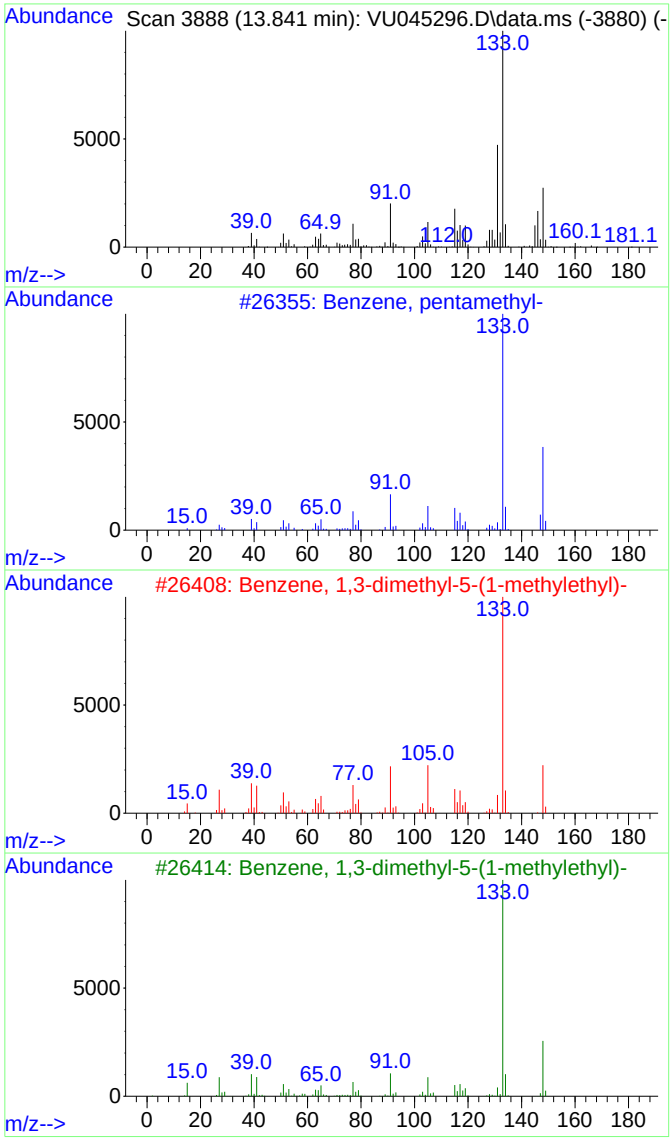
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

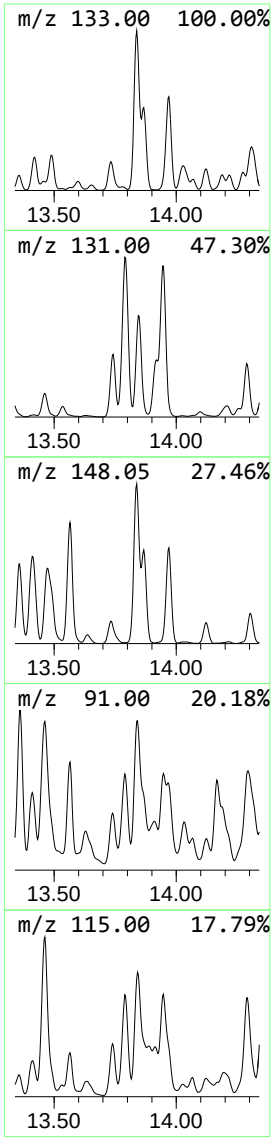
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, pentamethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.841	132.04 ug/L	4786490	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	52
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

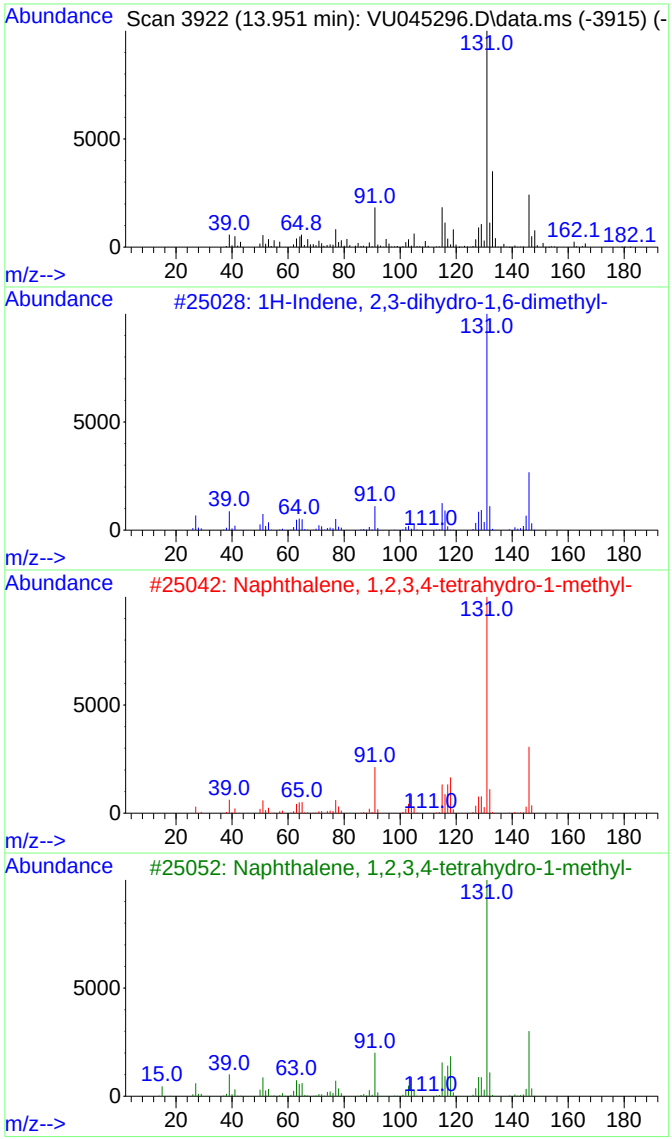
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

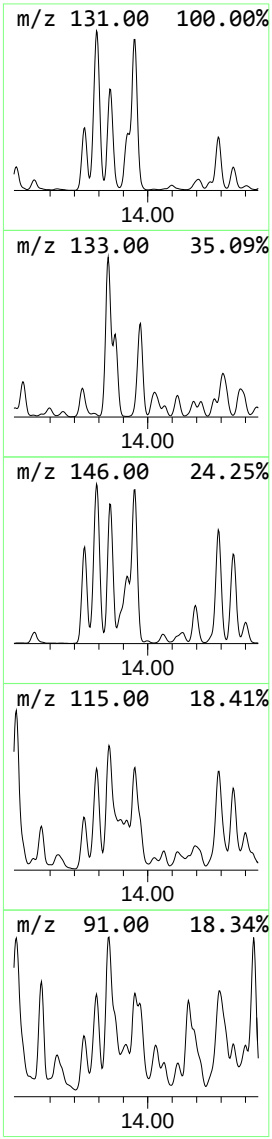
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	38.00 ug/L	1377500	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7E3ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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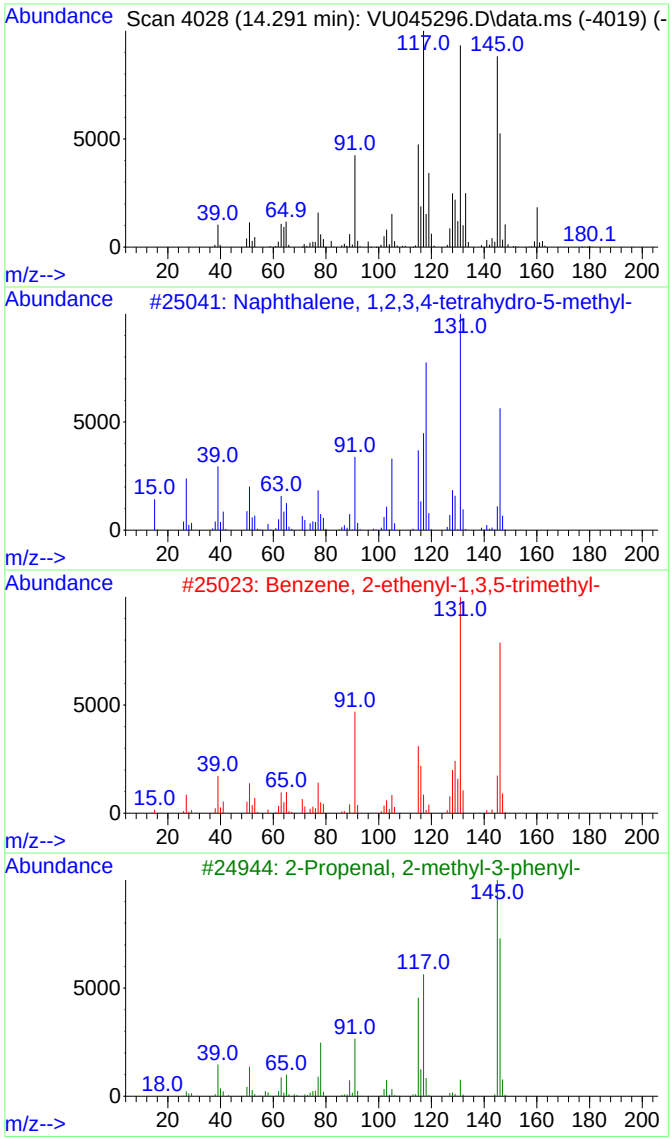
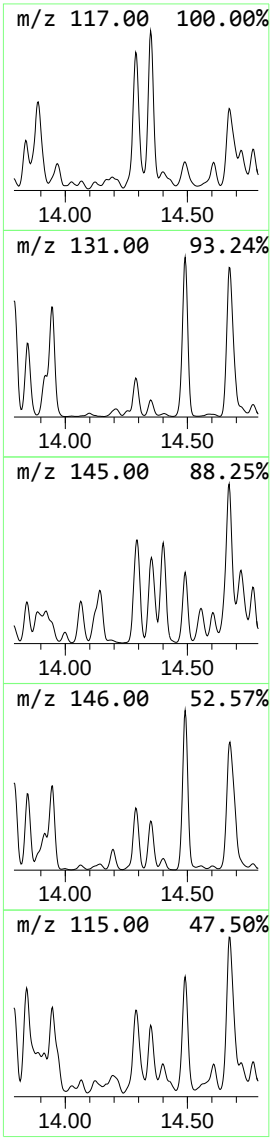
Peak Number 58 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.291	69.62 ug/L	2523840	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	43
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	38





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Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

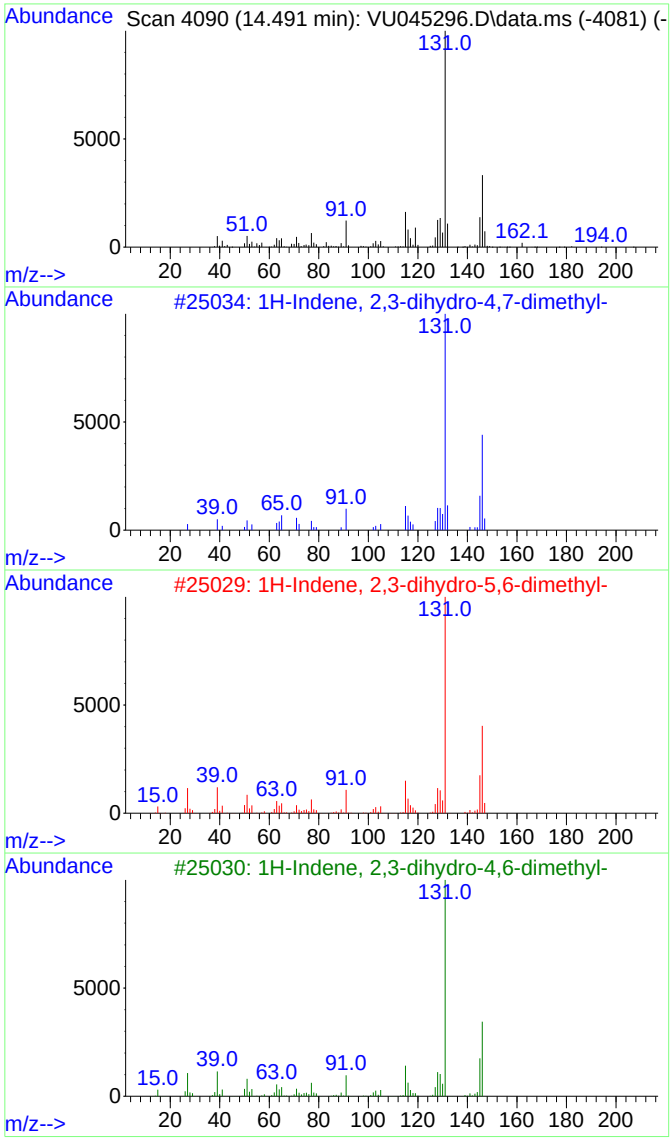
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

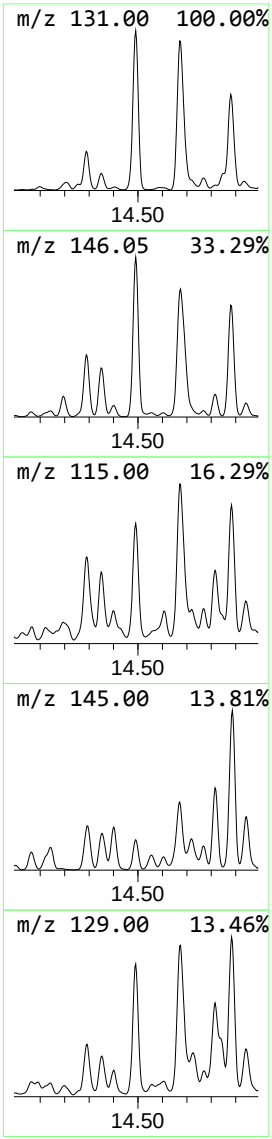
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.491	109.86 ug/L	3982530	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93





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Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

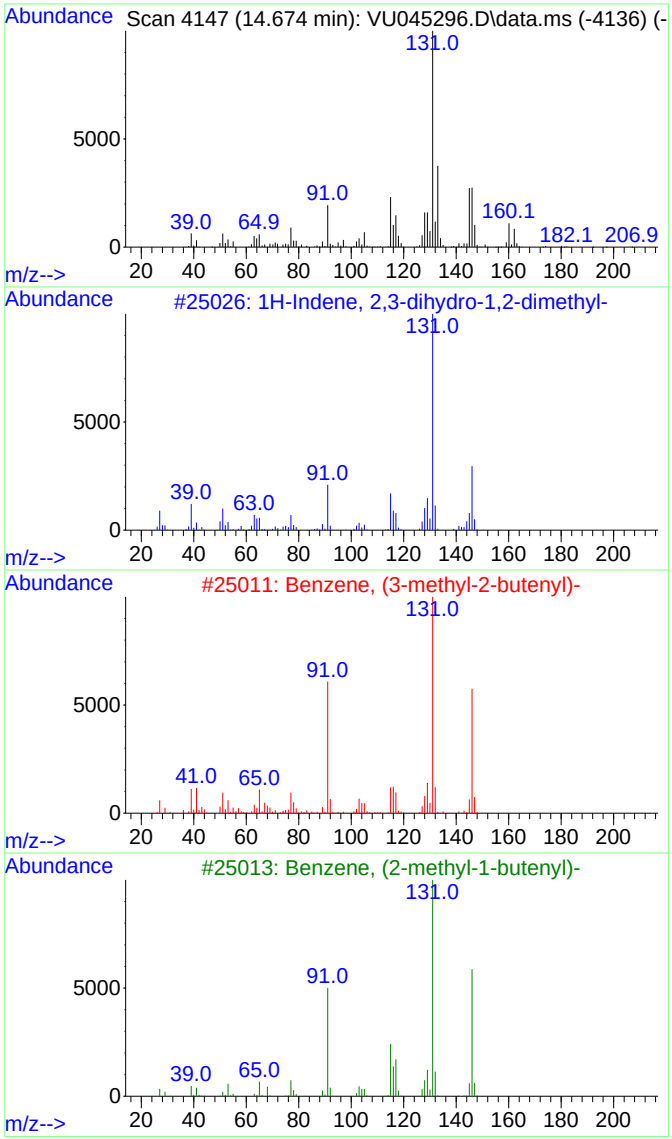
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

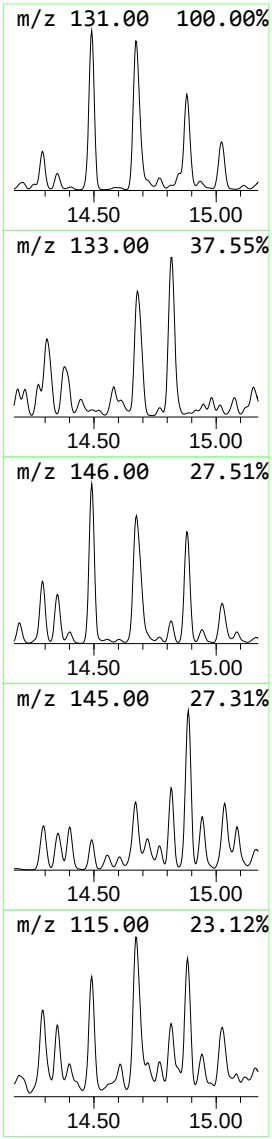
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	173.47 ug/L	6288570	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

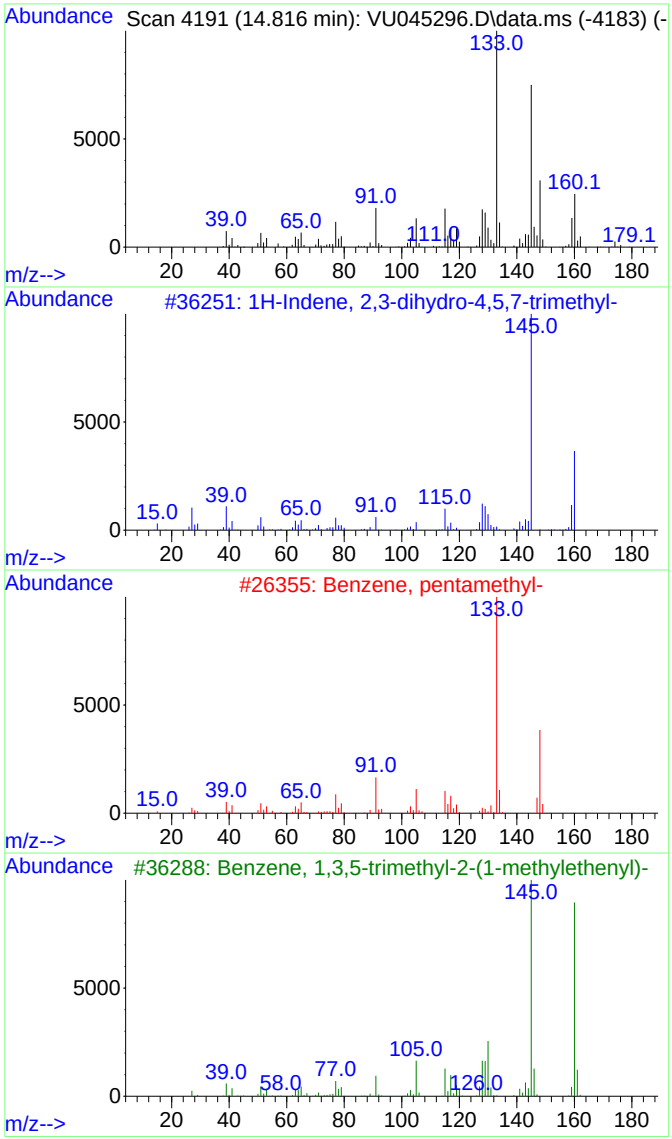
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

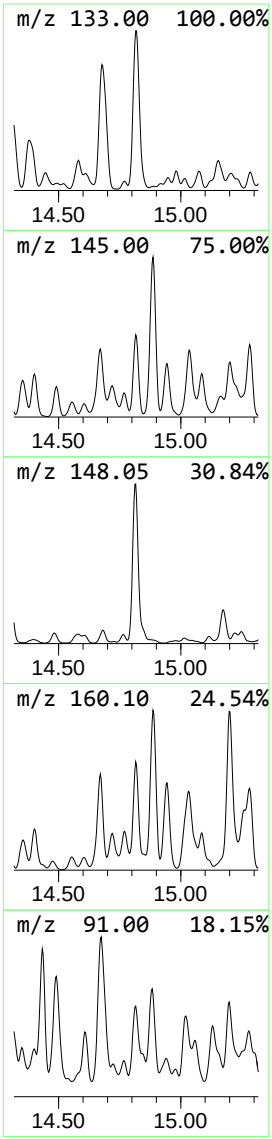
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	83.93 ug/L	3042520	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	86
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	80
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

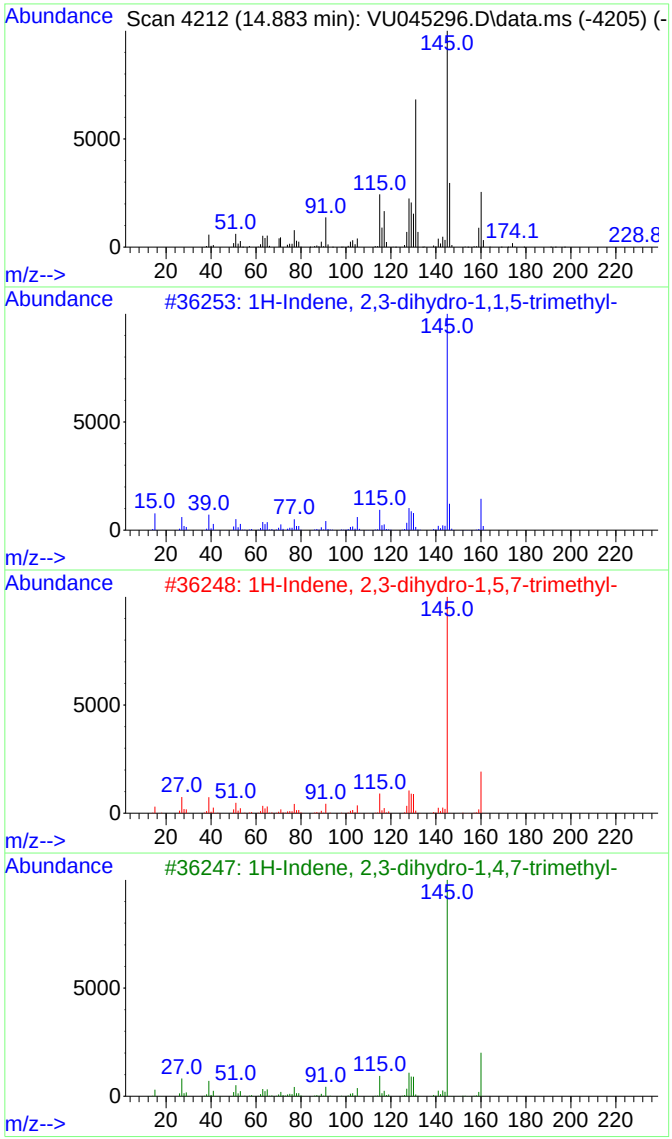
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

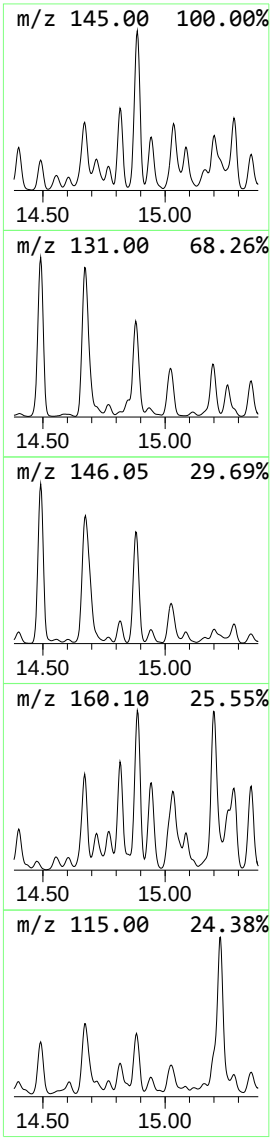
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.883	102.44 ug/L	3713530	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	70
3	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	68





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Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

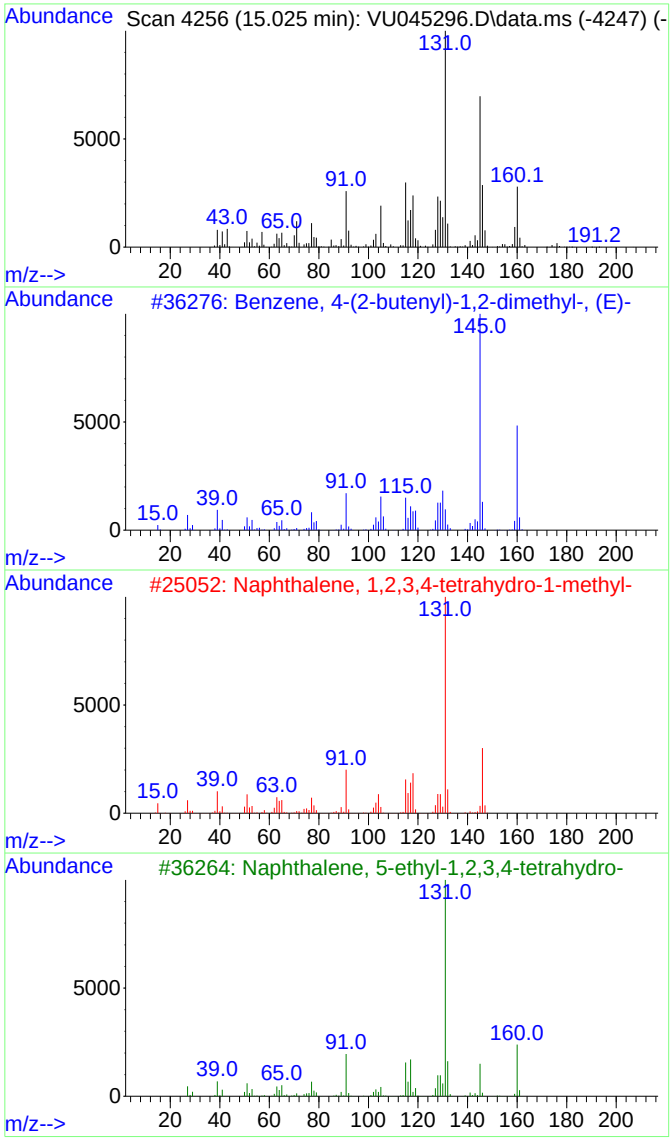
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

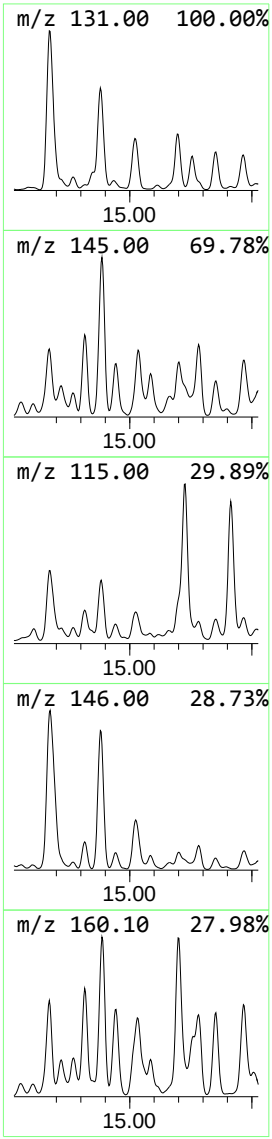
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.025	79.59 ug/L	2885110	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
3	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	46
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

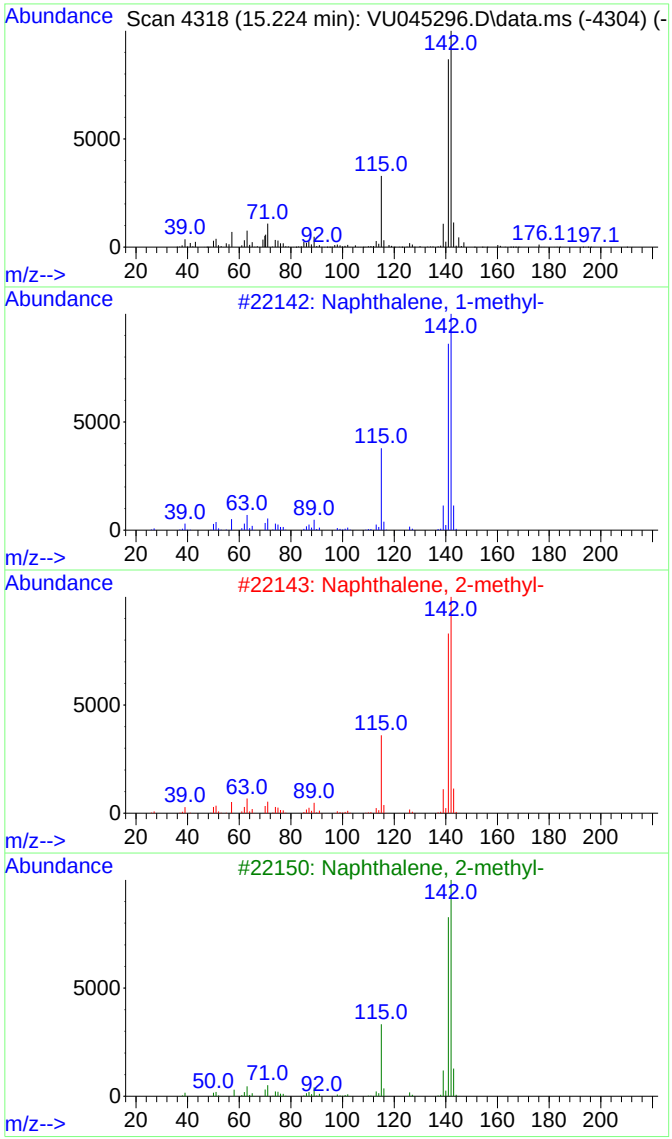
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

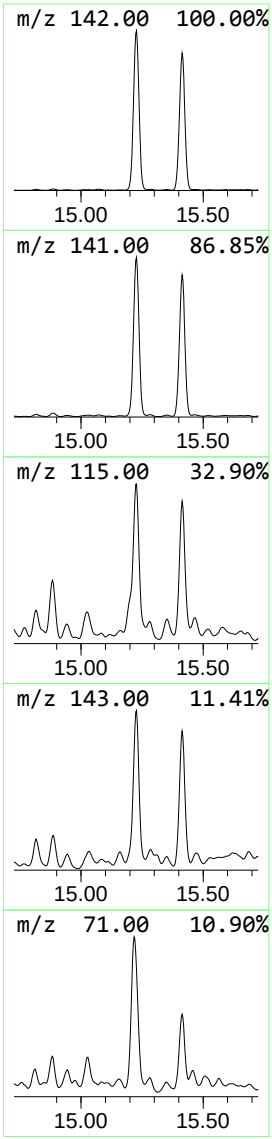
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	203.16 ug/L	7364870	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

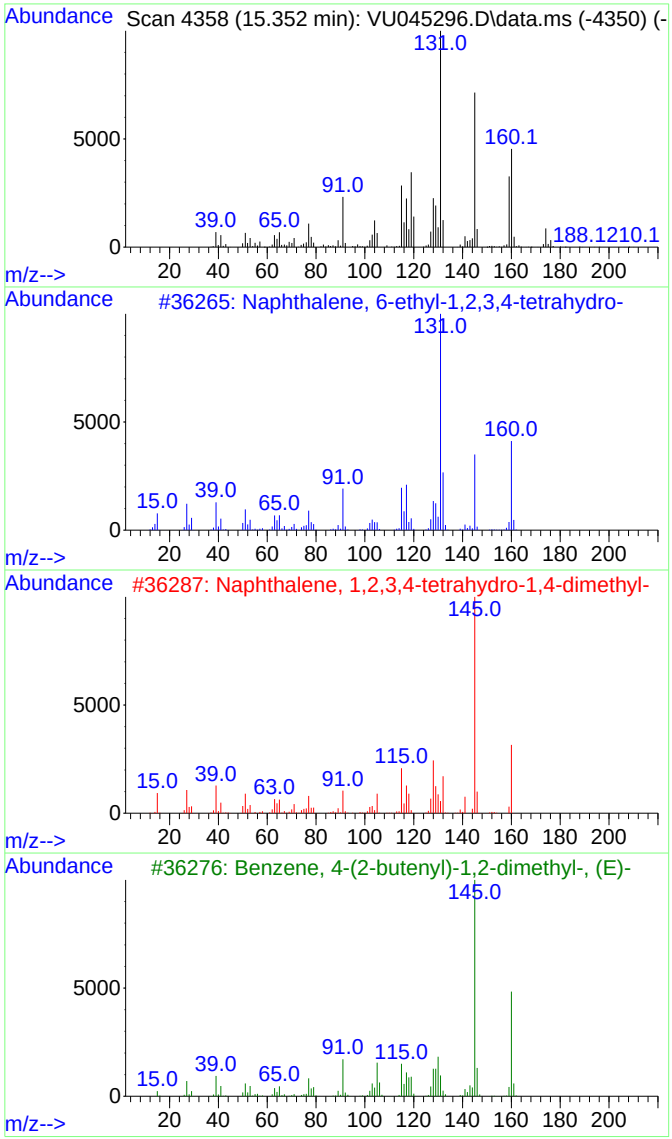
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

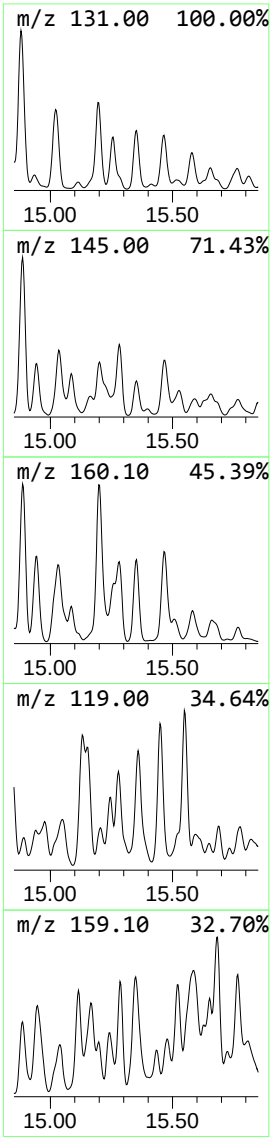
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.352	46.70 ug/L	1692970	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	62
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	45
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

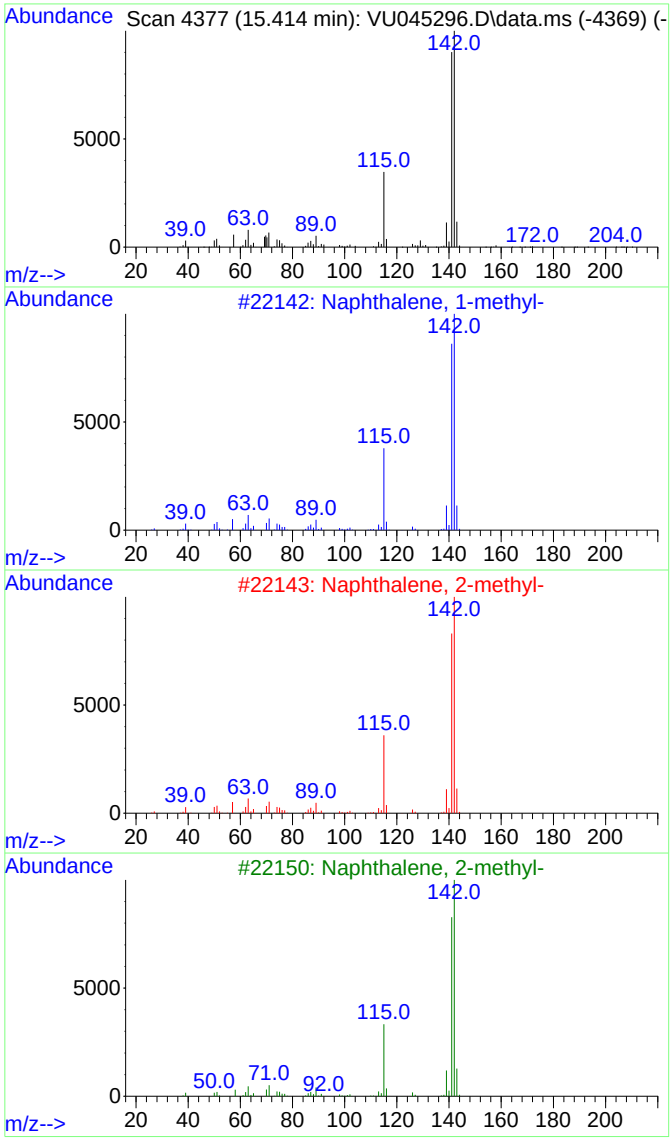
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

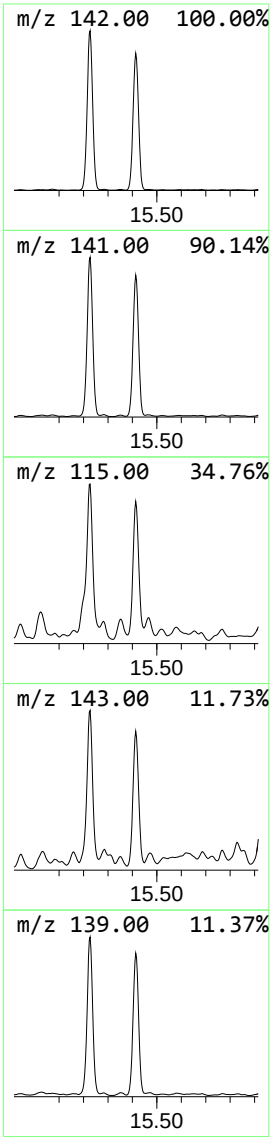
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Naphthalene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.414	115.66 ug/L	4192970	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

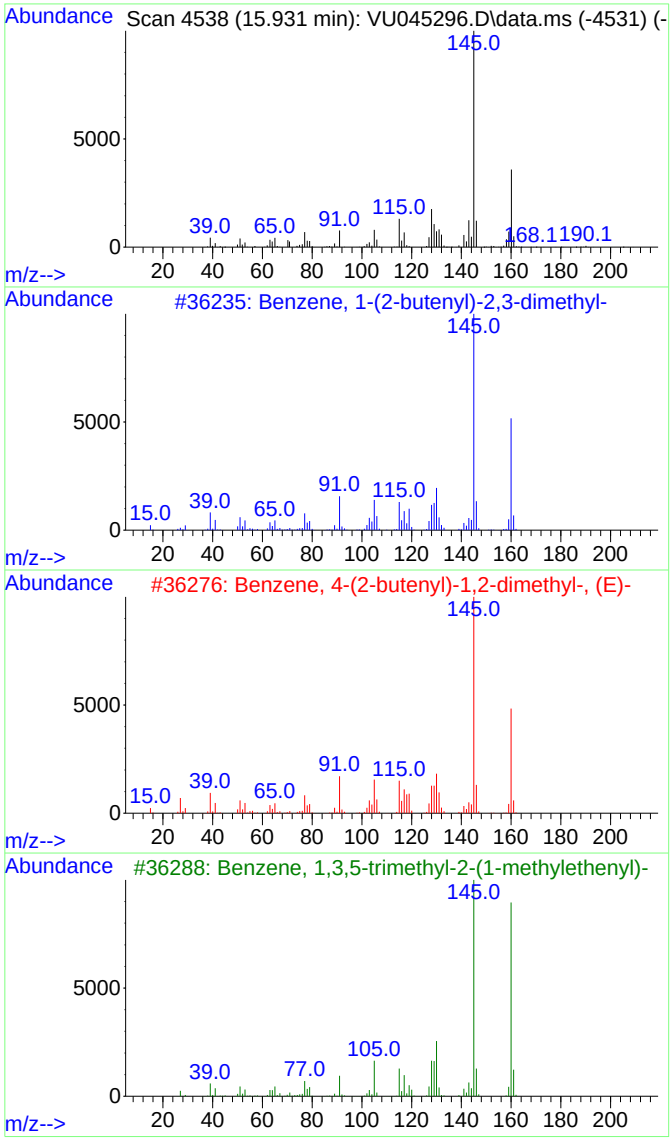
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

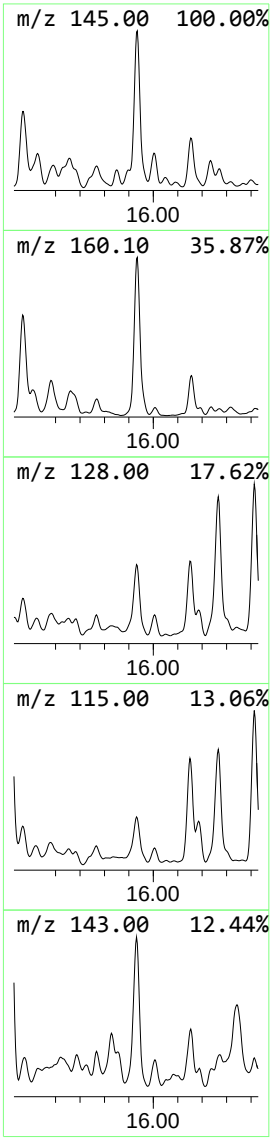
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.931	54.05 ug/L	1959450	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

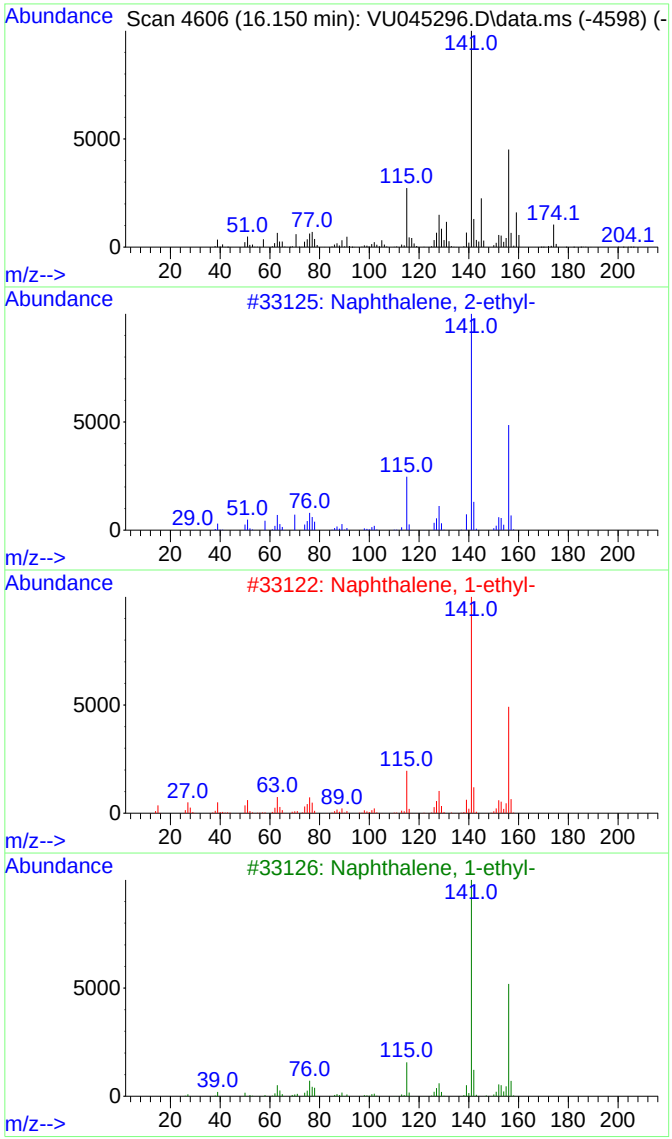
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

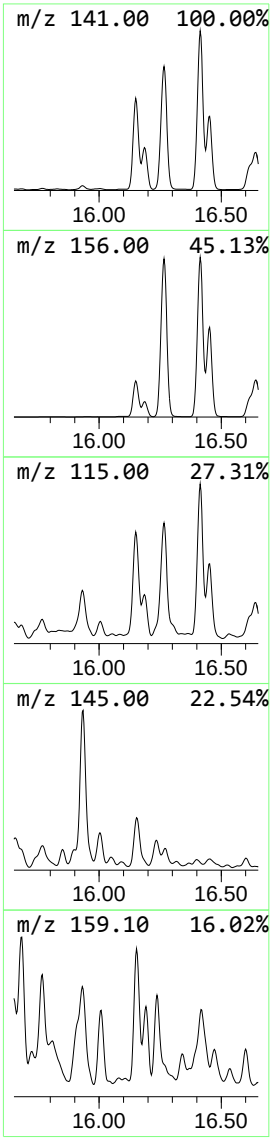
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.150	82.97 ug/L	3007930	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	89
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7E3ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

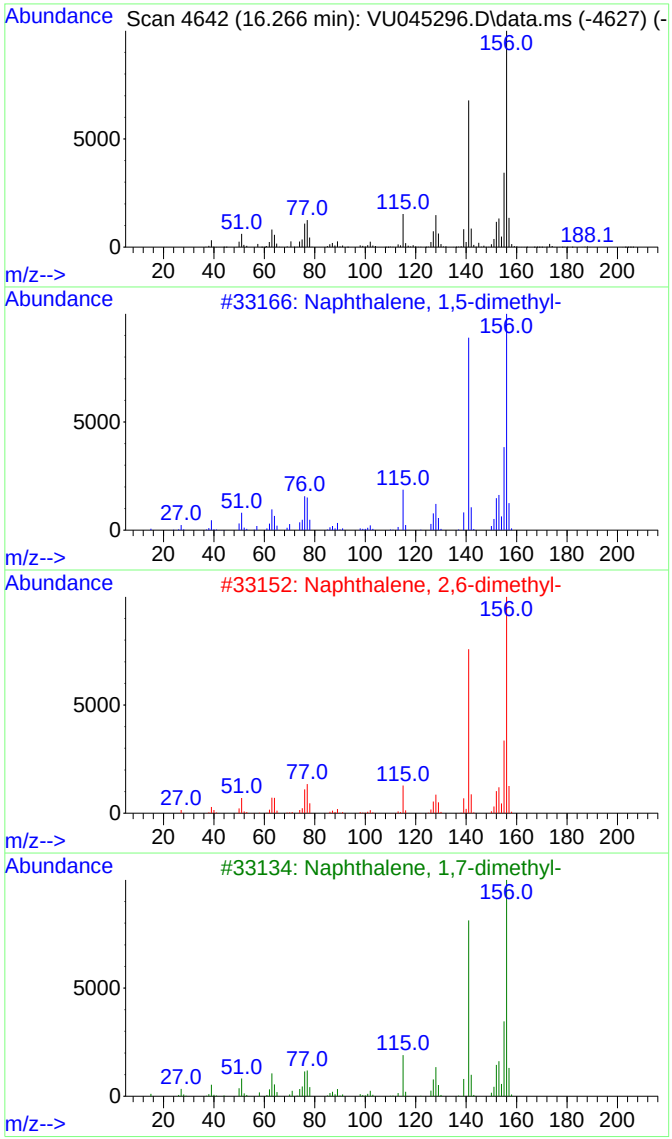
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

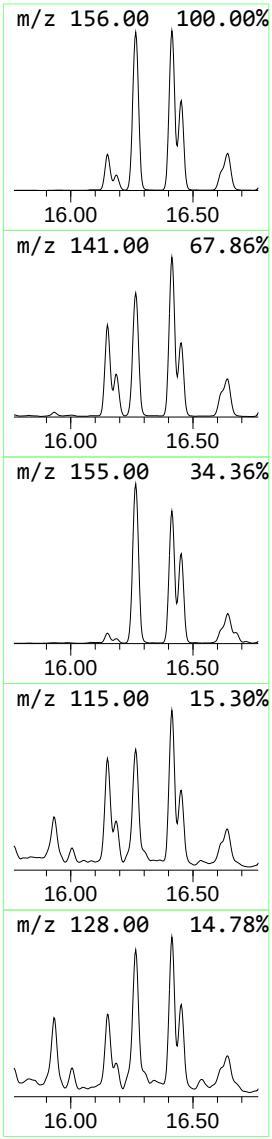
****

Peak Number 73 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.266	207.62 ug/L	7526510	1,4-Dichlorobenzene-d4	11.819

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

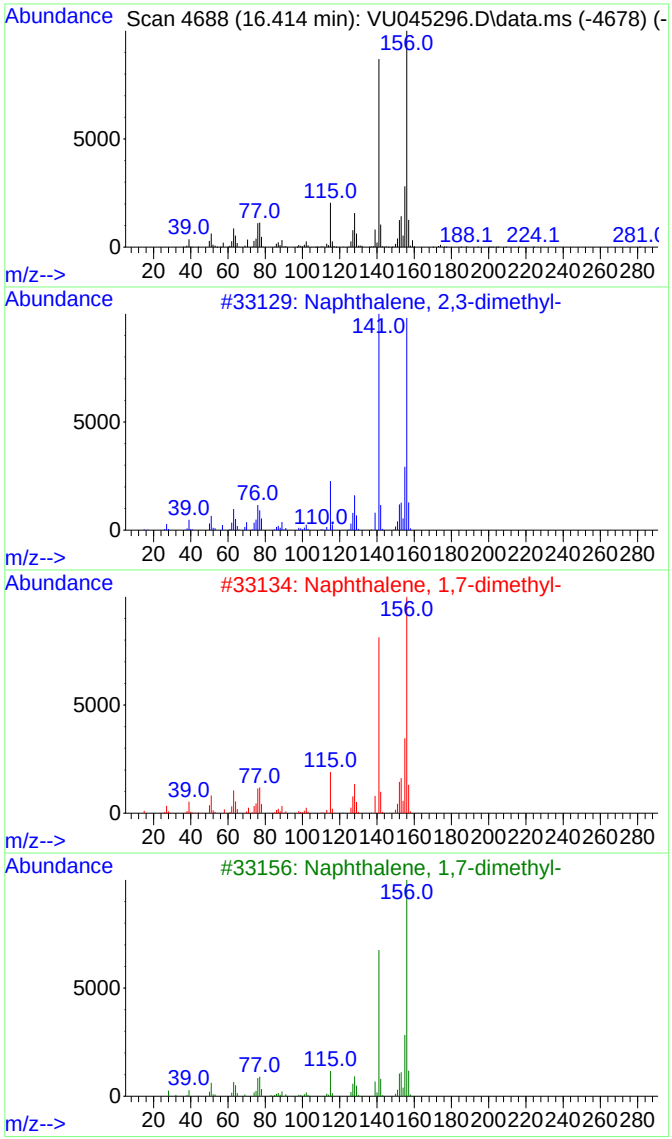
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

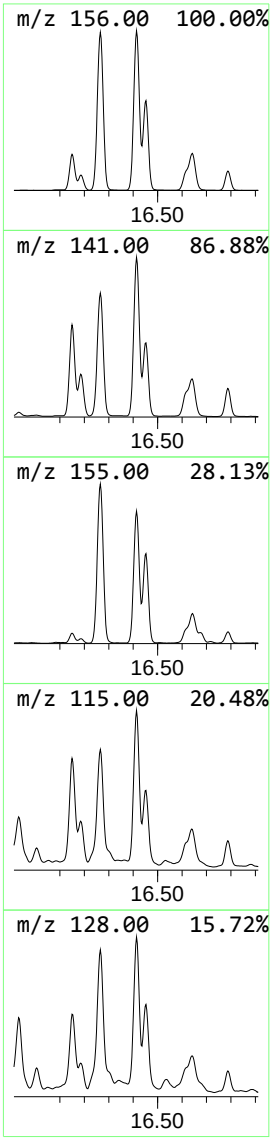
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.413	188.47 ug/L	6832540	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

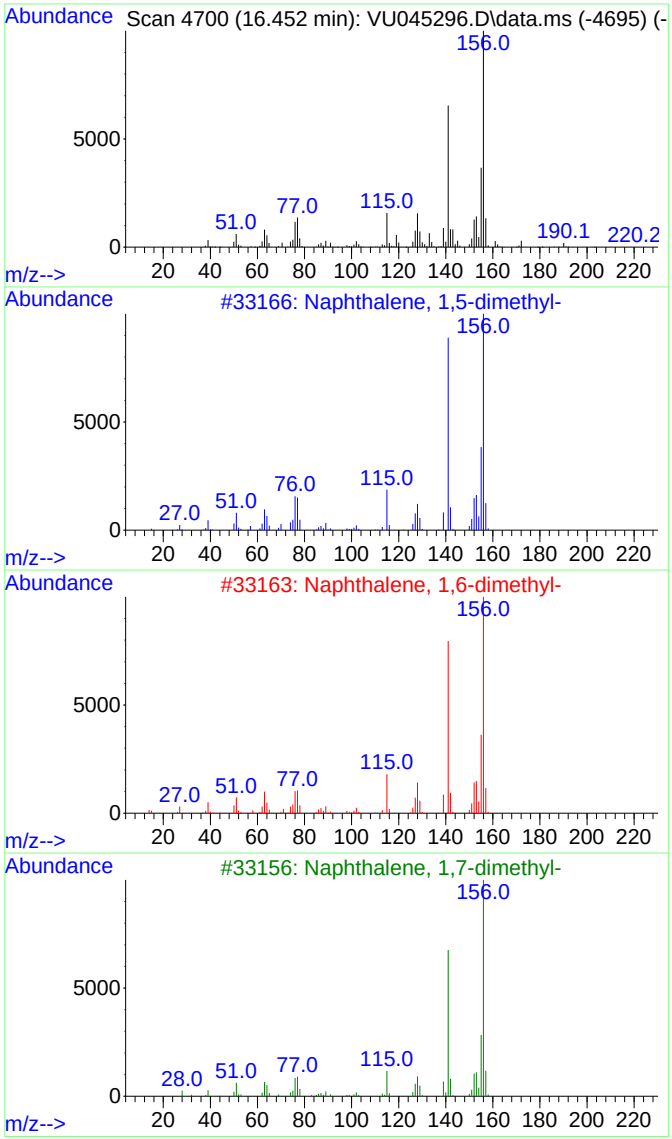
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

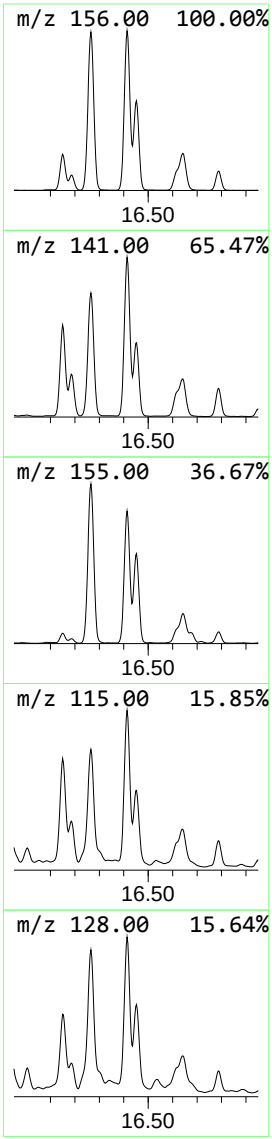
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.452	108.01 ug/L	3915460	1,4-Dichlorobenzene-d4	11.819

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME

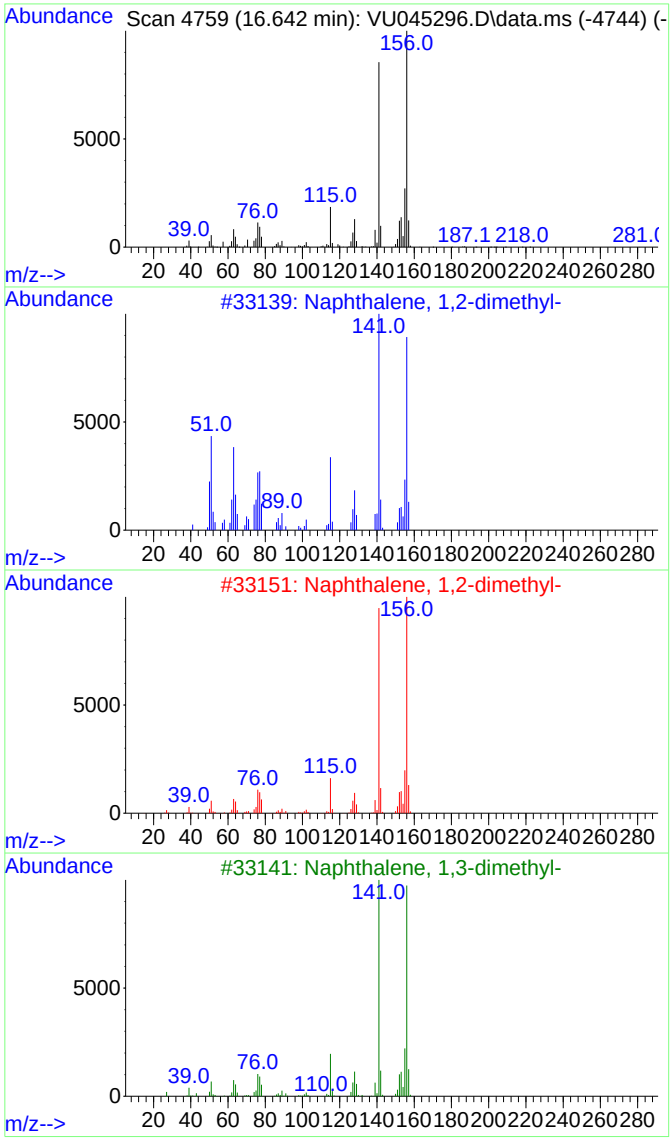
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

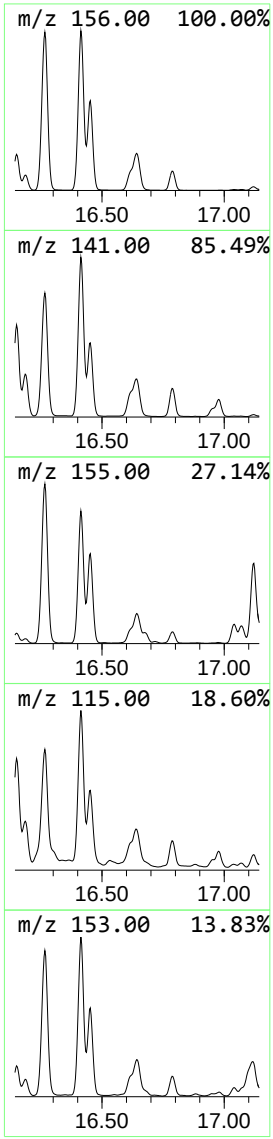
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 Naphthalene, 1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.642	90.75 ug/L	3289870	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
Data File : VU045296.D
Acq On : 12 Oct 2021 16:58
Operator : SY/MD
Sample : M4070-18ME
Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7E3ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	8.240	22.5	ug/L	392892	2	9.427	872332	50.0
(DEL) Alkane: C...	8.369	13.6	ug/L	236713	2	9.427	872332	50.0
(DEL) Alkane: S...	8.536	13.1	ug/L	227932	2	9.427	872332	50.0
(DEL) Alkane: S...	8.761	29.8	ug/L	520470	2	9.427	872332	50.0
(DEL) Alkane: C...	8.867	24.9	ug/L	434413	2	9.427	872332	50.0
(DEL) Alkane: C...	8.925	56.8	ug/L	991420	2	9.427	872332	50.0
(DEL) Alkane: S...	9.121	36.6	ug/L	639468	2	9.427	872332	50.0
(DEL) Alkane: C...	9.169	51.2	ug/L	892596	2	9.427	872332	50.0
Dichloroacetic ...	9.214	47.4	ug/L	827706	2	9.427	872332	50.0
(DEL) Alkane: S...	9.337	49.6	ug/L	865390	2	9.427	872332	50.0
(DEL) Alkane: C...	9.565	13.5	ug/L	234821	2	9.427	872332	50.0
(DEL) Alkane: C...	9.668	35.7	ug/L	622930	2	9.427	872332	50.0
(DEL) Alkane: C...	9.719	24.5	ug/L	427245	2	9.427	872332	50.0
(DEL) Alkane: C...	10.025	64.2	ug/L	1119990	2	9.427	872332	50.0
(DEL) Alkane: S...	10.121	20.6	ug/L	359205	2	9.427	872332	50.0
(DEL) Alkane: S...	10.256	110.3	ug/L	1924100	2	9.427	872332	50.0
(DEL) Alkane: C...	10.359	83.9	ug/L	1463000	2	9.427	872332	50.0
(DEL) Alkane: S...	10.398	47.3	ug/L	824959	2	9.427	872332	50.0
(DEL) Alkane: S...	10.562	56.0	ug/L	977629	2	9.427	872332	50.0
(DEL) Alkane: S...	10.626	31.4	ug/L	1138940	3	11.819	1812590	50.0
(DEL) Alkane: S...	10.655	15.4	ug/L	557610	3	11.819	1812590	50.0
(DEL) Alkane: C...	11.067	31.5	ug/L	1143550	3	11.819	1812590	50.0
(DEL) Alkane: S...	11.128	26.0	ug/L	942193	3	11.819	1812590	50.0
(DEL) Alkane: S...	11.314	15.6	ug/L	565642	3	11.819	1812590	50.0
(DEL) Alkane: S...	11.378	11.8	ug/L	428184	3	11.819	1812590	50.0
(DEL) Alkane: S...	11.420	33.7	ug/L	1222370	3	11.819	1812590	50.0
(DEL) Alkane: S...	11.578	11.5	ug/L	415377	3	11.819	1812590	50.0
(DEL) Alkane: S...	11.645	19.1	ug/L	693616	3	11.819	1812590	50.0
(DEL) Alkane: C...	11.716	42.7	ug/L	1548860	3	11.819	1812590	50.0
(DEL) Alkane: S...	11.880	18.8	ug/L	680667	3	11.819	1812590	50.0
(DEL) Alkane: S...	11.915	22.9	ug/L	830791	3	11.819	1812590	50.0
(DEL) Alkane: S...	12.005	38.6	ug/L	1400650	3	11.819	1812590	50.0
(DEL) Alkane: S...	12.388	33.1	ug/L	1198490	3	11.819	1812590	50.0
Benzene, 1-meth...	12.501	39.6	ug/L	1437130	3	11.819	1812590	50.0
Benzene, 1-ethy...	12.575	55.2	ug/L	2001080	3	11.819	1812590	50.0
Naphthalene, de...	12.841	50.7	ug/L	1837740	3	11.819	1812590	50.0
(DEL) Alkane: C...	12.935	68.5	ug/L	2482740	3	11.819	1812590	50.0
Benzene, 1,2,4,...	12.976	71.8	ug/L	2601550	3	11.819	1812590	50.0
Benzene, 1,2,3,...	13.031	118.3	ug/L	4288150	3	11.819	1812590	50.0
Benzene, 1-meth...	13.111	57.5	ug/L	2084670	3	11.819	1812590	50.0
unknown-01	13.356	39.0	ug/L	1414390	3	11.819	1812590	50.0
Benzene, 2-ethy...	13.410	42.8	ug/L	1551520	3	11.819	1812590	50.0
1-Phenyl-1-butene	13.462	168.2	ug/L	6098580	3	11.819	1812590	50.0
Benzene, (1,1-d...	13.565	40.4	ug/L	1464760	3	11.819	1812590	50.0
Benzene, (1,2-d...	13.738	51.8	ug/L	1876670	3	11.819	1812590	50.0
Benzene, (3-met...	13.790	54.0	ug/L	1958260	3	11.819	1812590	50.0
Benzene, pentam...	13.841	132.0	ug/L	4786490	3	11.819	1812590	50.0
1H-Indene, 2,3-...	13.951	38.0	ug/L	1377500	3	11.819	1812590	50.0
unknown-02	14.291	69.6	ug/L	2523840	3	11.819	1812590	50.0
1H-Indene, 2,3-...	14.491	109.9	ug/L	3982530	3	11.819	1812590	50.0
1H-Indene, 2,3-...	14.674	173.5	ug/L	6288570	3	11.819	1812590	50.0
1H-Indene, 2,3-...	14.816	83.9	ug/L	3042520	3	11.819	1812590	50.0

1H-Indene, 2,3-...	14.883	102.4	ug/L	3713530	3	11.819	1812590	50.0
unknown-03	15.025	79.6	ug/L	2885110	3	11.819	1812590	50.0
Naphthalene, 1-...	15.224	203.2	ug/L	7364870	3	11.819	1812590	50.0
Naphthalene, 6-...	15.352	46.7	ug/L	1692970	3	11.819	1812590	50.0
Naphthalene, 2-...	15.414	115.7	ug/L	4192970	3	11.819	1812590	50.0
Benzene, 1-(2-b...	15.931	54.0	ug/L	1959450	3	11.819	1812590	50.0
Naphthalene, 2-...	16.150	83.0	ug/L	3007930	3	11.819	1812590	50.0
Naphthalene, 1,...	16.266	207.6	ug/L	7526510	3	11.819	1812590	50.0
Naphthalene, 2,...	16.413	188.5	ug/L	6832540	3	11.819	1812590	50.0
Naphthalene, 1,...	16.452	108.0	ug/L	3915460	3	11.819	1812590	50.0
Naphthalene, 1,...	16.642	90.8	ug/L	3289870	3	11.819	1812590	50.0

Instrument :
MSVOA_U
ClientSampleId :
EW7E3ME