LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

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\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	73	81	100	rVB	67527	108253	2.97%	0.338%
2	1.890	156	171	172	rBV2	9354	12879	0.35%	0.040%
3	1.919	174	180	211	rVB	33355	79291	2.17%	0.247%
4	2.549	365	376	393	rBV	95992	161454	4.42%	0.504%
5	3.044	517	530	545	rVB7	4358	11382	0.31%	0.035%
6	4.671	1017	1036	1089	rBV	47262	233723	6.40%	0.729%
7	5.076	1143	1162	1205	rVB	91492	301810	8.27%	0.941%
8	5.584	1310	1320	1331	rVV5	5456	11197	0.31%	0.035%
9	5.723	1343	1363	1396	rVV3	304038	869117	23.81%	2.711%
10	5.893	1406	1416	1430	rVB2	6071	13523	0.37%	0.042%
11	5.983	1433	1444	1471	rBV4	5233	16078	0.44%	0.050%
12	6.128	1479	1489	1501	rVB2	8361	15468	0.42%	0.048%
13	6.250	1511	1527	1563	rBV	226290	536881	14.71%	1.674%
14	6.539	1611	1617	1628	rVB6	6779	12358	0.34%	0.039%
15	6.694	1650	1665	1693	rBV	140295	354203	9.70%	1.105%
16	7.253	1825	1839	1853	rVB5	6872	14767	0.40%	0.046%
17	7.378	1867	1878	1887	rVV3	6834	13404	0.37%	0.042%
18	7.497	1903	1915	1922	rVV4	8666	15346	0.42%	0.048%
19	7.571	1923	1938	1958	rVV2	72865	182835	5.01%	0.570%
20	7.655	1959	1964	1982	rVB3	9801	19400	0.53%	0.061%
21	7.854	2011	2026	2029	rVV5	6868	14510	0.40%	0.045%
22	7.903	2029	2041	2053	rVV	304474	650083	17.81%	2.028%
23	7.973	2053	2063	2096	rVB	374975	827384	22.66%	2.581%
24	8.131	2096	2112	2120	rBV2	19124	32818	0.90%	0.102%
25	8.185	2120	2129	2156	rVB2	42219	124641	3.41%	0.389%
26	8.552	2226	2243	2258	rVB7	16479	36044	0.99%	0.112%
27	8.700	2258	2289	2331	rBV3	101754	541404	14.83%	1.689%
28	8.864	2332	2340	2349	rVB2	11008	18197	0.50%	0.057%
29	8.925	2349	2359	2365	rBV4	12140	22119	0.61%	0.069%
30	9.057	2388	2400	2411	rBV5	10822	25625	0.70%	0.080%
31	9.121	2412	2420	2427	rVV5	11066	22598	0.62%	0.070%
32	9.169	2429	2435	2441	rVV4	18808	33919	0.93%	0.106%
33	9.214	2442	2449	2461	rVB2	49683	88175	2.42%	0.275%
34	9.337	2477	2487	2499	rBV2	45665	81563	2.23%	0.254%
35	9.433	2499	2517	2548	rBV2	265745	779098	21.34%	2.430%
36	9.581	2548	2563	2584	rBV	245892	560515	15.35%	1.748%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

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\SFAMULM112921WMA.M
Title : VOC Analysis

37	9.703	2585	2601	2612	rBV	901798	2042401	55.94%	6.370%
38	9.883	2645	2657	2669	rVB9	5800	12437	0.34%	0.039%
39	10.025	2689	2701	2713	rBV7	48340	118964	3.26%	0.371%
40	10.115	2716	2729	2755	rVB5	335072	847977	23.23%	2.645%
41	10.253	2756	2772	2785	rBV4	83359	184010	5.04%	0.574%
42	10.317	2786	2792	2794	rBV2	10942	11836	0.32%	0.037%
43	10.359	2796	2805	2812	rBV5	67181	119487	3.27%	0.373%
44	10.494	2829	2847	2857	rBV	126360	275091	7.54%	0.858%
45	10.571	2858	2871	2882	rVV4	253457	569288	15.59%	1.776%
46	10.626	2883	2888	2892	rVV	98210	142945	3.92%	0.446%
47	10.655	2893	2897	2915	rVB2	104017	165855	4.54%	0.517%
48	10.774	2921	2934	2960	rVB3	240295	649301	17.79%	2.025%
49	10.915	2968	2978	2987	rBV	95311	173114	4.74%	0.540%
50	11.008	2996	3007	3020	rBV2	349501	821790	22.51%	2.563%
51	11.115	3029	3040	3057	rVB2	716356	1422110	38.95%	4.435%
52	11.250	3075	3082	3087	rBV4	13525	19550	0.54%	0.061%
53	11.304	3087	3099	3115	rVV	172228	399240	10.94%	1.245%
54	11.378	3115	3122	3127	rVV2	55913	86525	2.37%	0.270%
55	11.420	3128	3135	3142	rVV	158288	247299	6.77%	0.771%
56	11.475	3142	3152	3169	rVB	699964	1241670	34.01%	3.873%
57	11.578	3177	3184	3190	rBV2	41084	63362	1.74%	0.198%
58	11.713	3215	3226	3233	rBV4	108590	208285	5.71%	0.650%
59	11.751	3234	3238	3247	rVB3	59892	76367	2.09%	0.238%
60	11.825	3249	3261	3271	rBV2	460127	831405	22.77%	2.593%
61	11.909	3271	3287	3296	rVV3	239402	492360	13.49%	1.536%
62	12.005	3312	3317	3335	rVB3	120297	193302	5.29%	0.603%
63	12.105	3336	3348	3352	rBV2	136168	238231	6.53%	0.743%
64	12.201	3364	3378	3394	rVB7	572832	1289654	35.33%	4.022%
65	12.330	3407	3418	3428	rBV	725136	1042586	28.56%	3.252%
66	12.385	3428	3435	3450	rVB4	99762	204423	5.60%	0.638%
67	12.471	3453	3462	3466	rBV	95868	149266	4.09%	0.466%
68	12.574	3489	3494	3502	rVB	98072	128098	3.51%	0.400%
69	12.671	3517	3524	3530	rBV2	37998	68926	1.89%	0.215%
70	12.934	3597	3606	3609	rBV3	69102	107637	2.95%	0.336%
71	13.034	3630	3637	3651	rVB2	142026	334137	9.15%	1.042%
72	13.137	3655	3669	3676	rBV5	73732	137868	3.78%	0.430%
73	13.291	3711	3717	3728	rVB3	58538	99763	2.73%	0.311%
74	13.356	3730	3737	3744	rBV2	37446	53154	1.46%	0.166%
75	13.433	3747	3761	3783	rVV3	397047	884525	24.23%	2.759%
76	13.587	3797	3809	3815	rBV2	75096	132888	3.64%	0.414%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

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\SFAMULM112921WMA.M
Title : VOC Analysis

77	13.629	3816	3822	3834	rVB7	55873	99894	2.74%	0.312%
78	13.735	3847	3855	3864	rBV7	30464	63435	1.74%	0.198%
79	13.841	3879	3888	3893	rBV4	83857	140915	3.86%	0.440%
80	13.970	3916	3928	3933	rBV3	32967	69407	1.90%	0.216%
81	14.089	3954	3965	3985	rVB	2245309	3650816	100.00%	11.387%
82	14.192	3985	3997	4011	rVB5	107977	246854	6.76%	0.770%
83	14.449	4069	4077	4085	rBV	335283	452425	12.39%	1.411%
84	14.674	4135	4147	4160	rVB8	57846	144307	3.95%	0.450%
85	14.812	4183	4190	4198	rBV2	29927	47453	1.30%	0.148%
86	14.880	4205	4211	4220	rVB4	36793	57483	1.57%	0.179%
87	14.941	4225	4230	4236	rVV5	22579	28136	0.77%	0.088%
88	15.021	4247	4255	4263	rBV6	51412	102186	2.80%	0.319%
89	15.150	4289	4295	4303	rVB6	25940	36778	1.01%	0.115%
90	15.224	4304	4318	4329	rBV	875575	1470948	40.29%	4.588%
91	15.346	4351	4356	4361	rBV7	18118	23600	0.65%	0.074%
92	15.404	4364	4374	4399	rVV2	671105	1245073	34.10%	3.883%
93	15.510	4400	4407	4417	rVB7	35738	58387	1.60%	0.182%
94	15.934	4532	4539	4540	rBV4	32546	37317	1.02%	0.116%
95	16.150	4598	4606	4612	rBV	61573	97923	2.68%	0.305%
96	16.262	4632	4641	4646	rBV	149326	246042	6.74%	0.767%
97	16.291	4647	4650	4660	rVB	140142	163437	4.48%	0.510%
98	16.407	4678	4686	4693	rBV	131179	208482	5.71%	0.650%
99	16.446	4693	4698	4716	rVB2	91489	159342	4.36%	0.497%
100	17.130	4904	4911	4922	rVB4	44126	82526	2.26%	0.257%

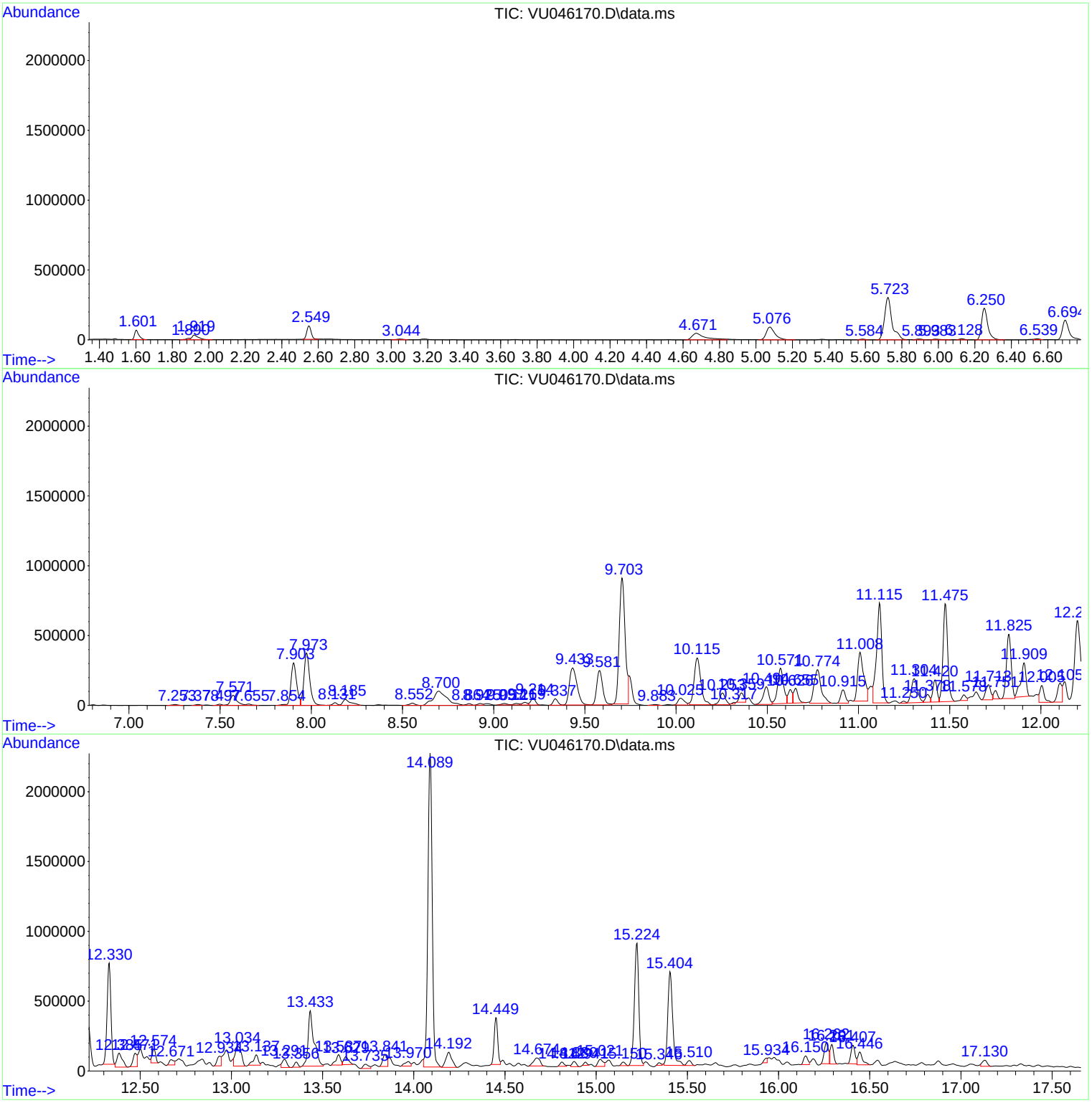
Sum of corrected areas: 32062355

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

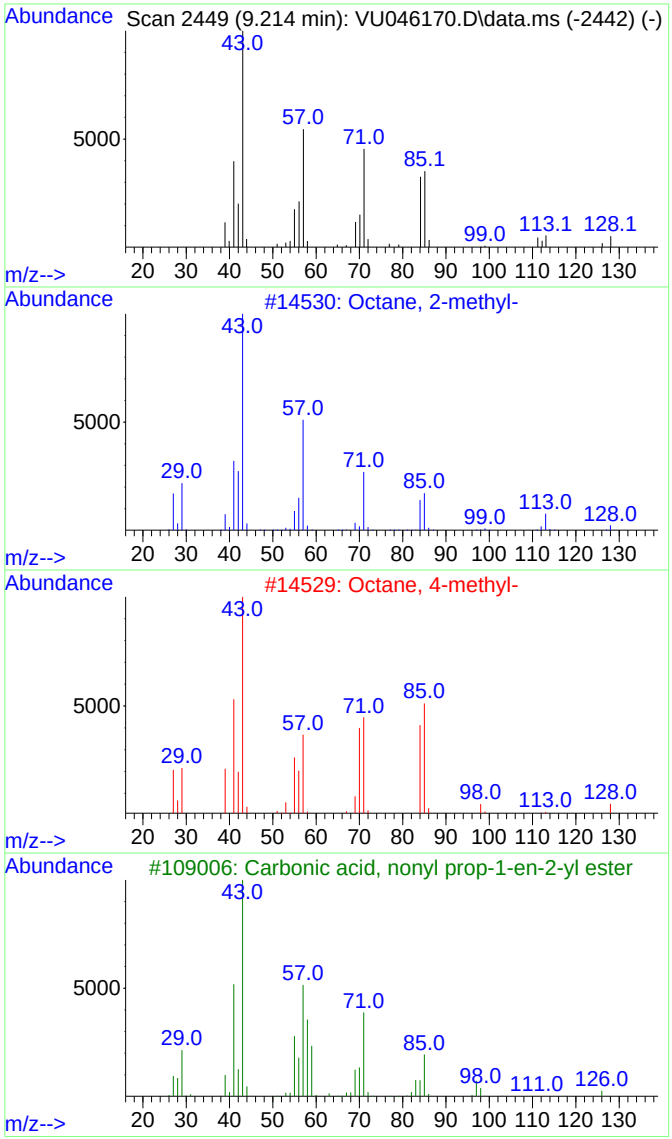
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

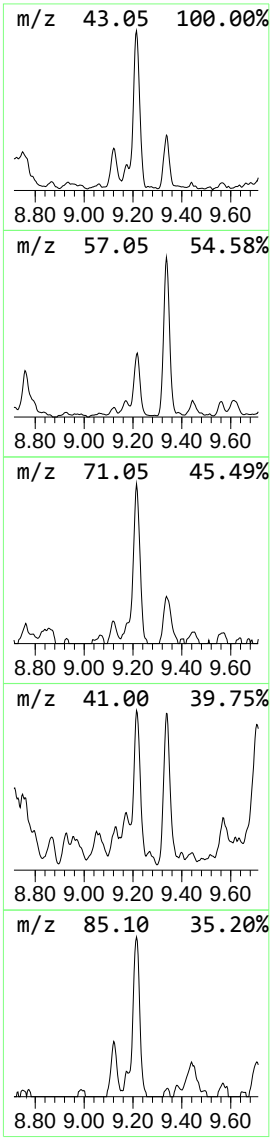
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.214	5.66 ug/L	88175	Chlorobenzene-d5	9.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	86
2	Octane, 4-methyl-	128	C9H20	002216-34-4	80
3	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	52
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

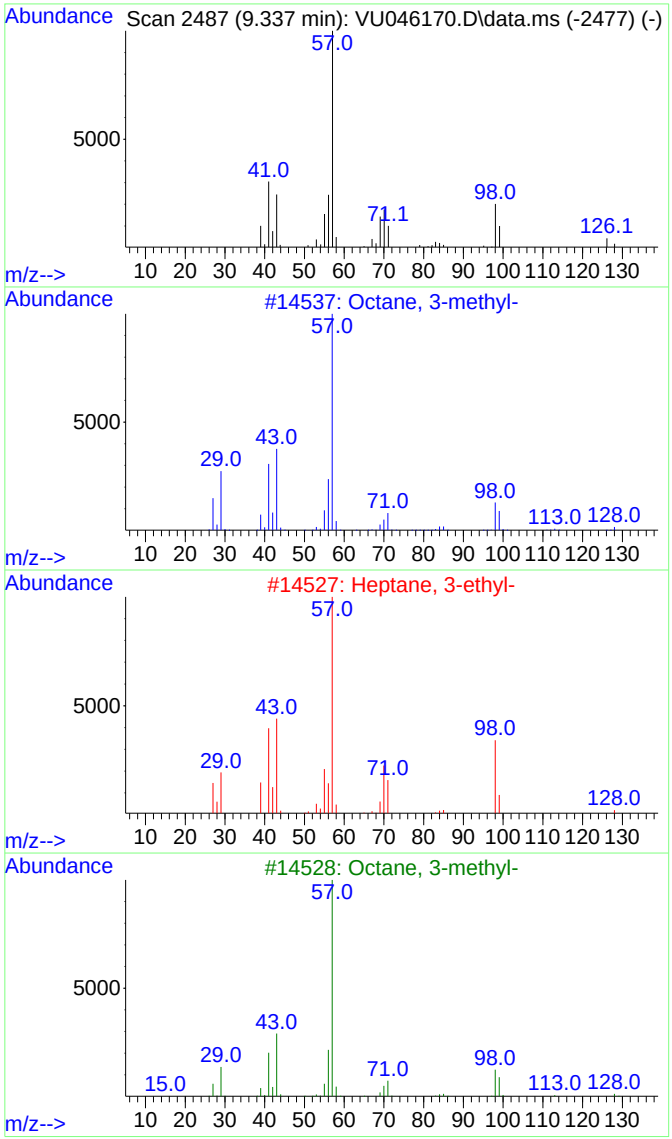
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

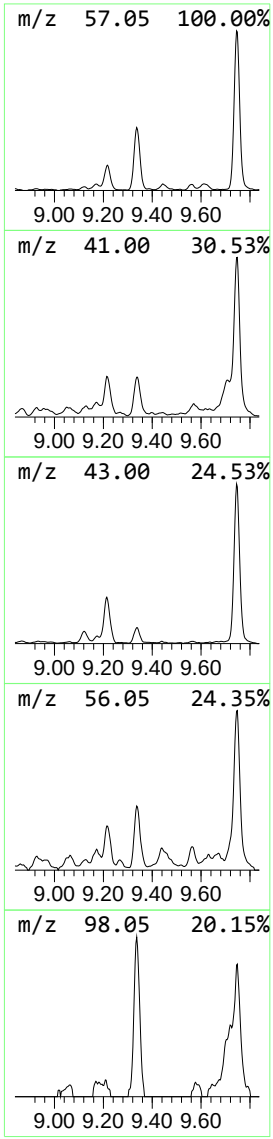
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.337	5.23 ug/L	81563	Chlorobenzene-d5	9.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

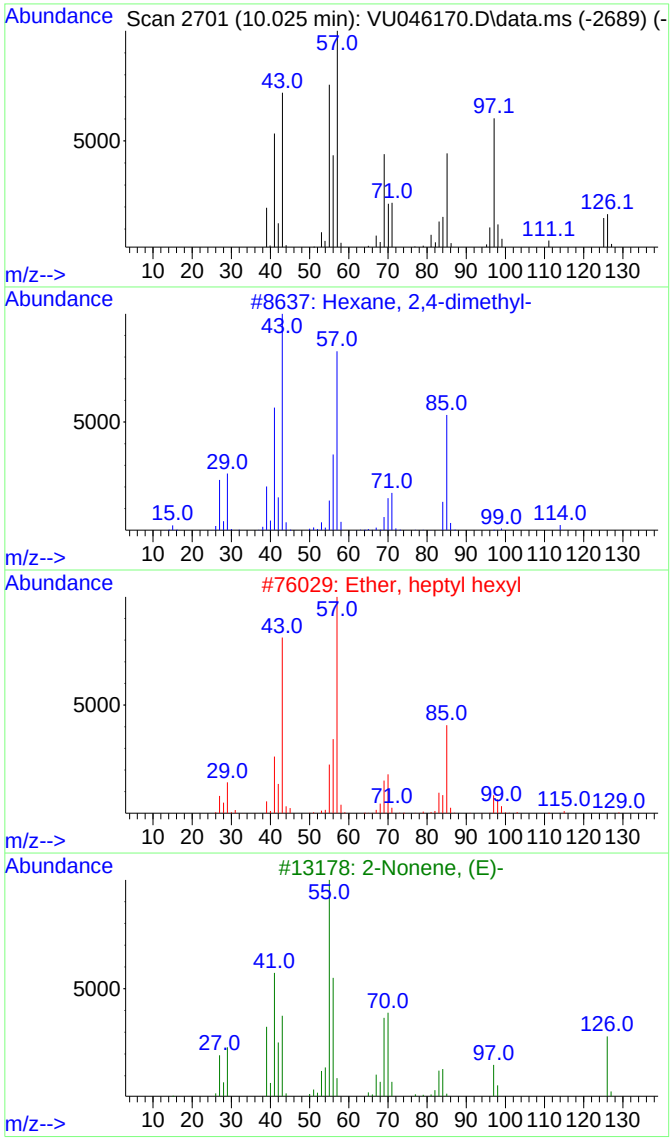
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

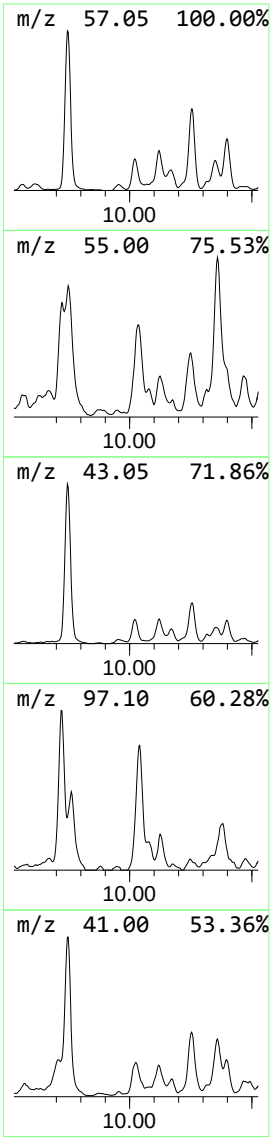
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.025	7.63 ug/L	118964	Chlorobenzene-d5	9.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
2	Ether, heptyl hexyl	200	C13H28O	007289-40-9	49
3	2-Nonene, (E)-	126	C9H18	006434-78-2	38
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	35
5	Hexyl octyl ether	214	C14H30O	017071-54-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

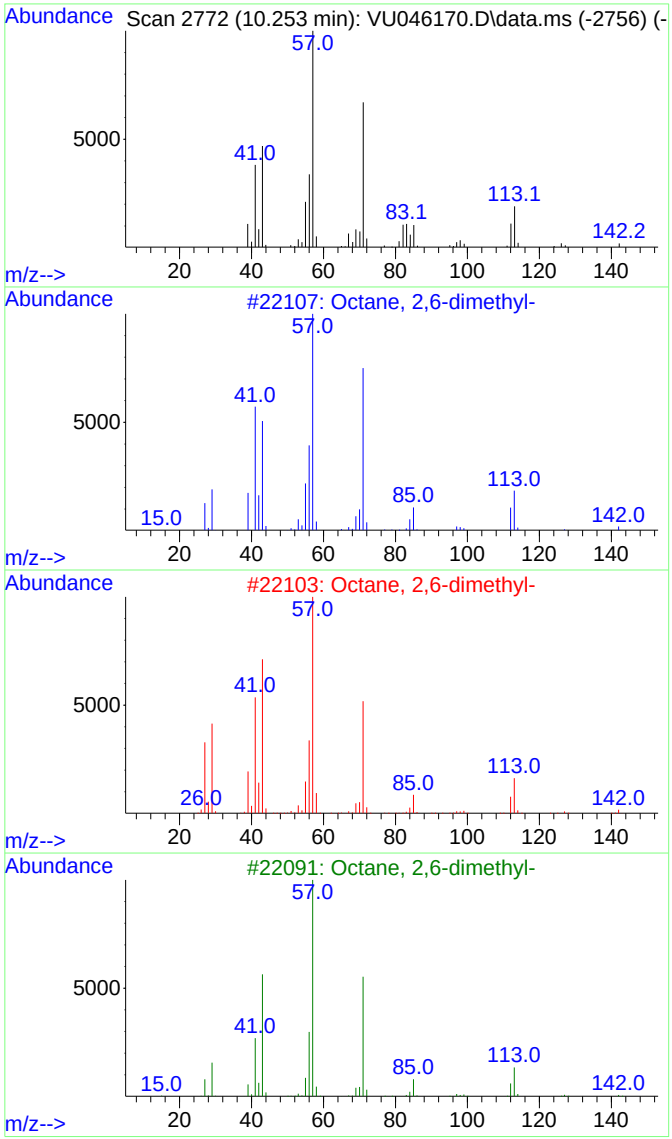
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

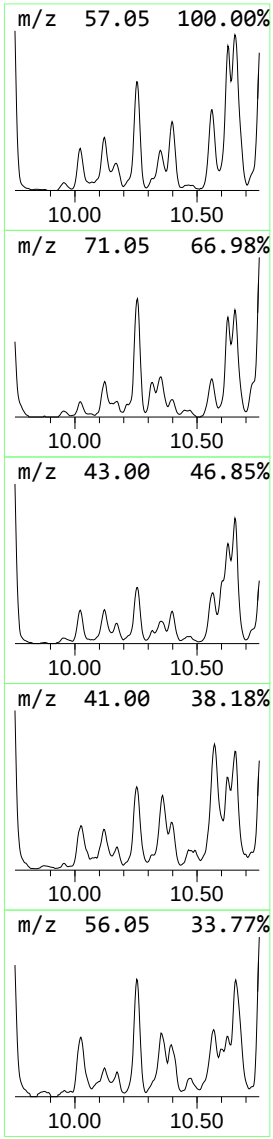
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.253	11.81 ug/L	184010	Chlorobenzene-d5	9.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

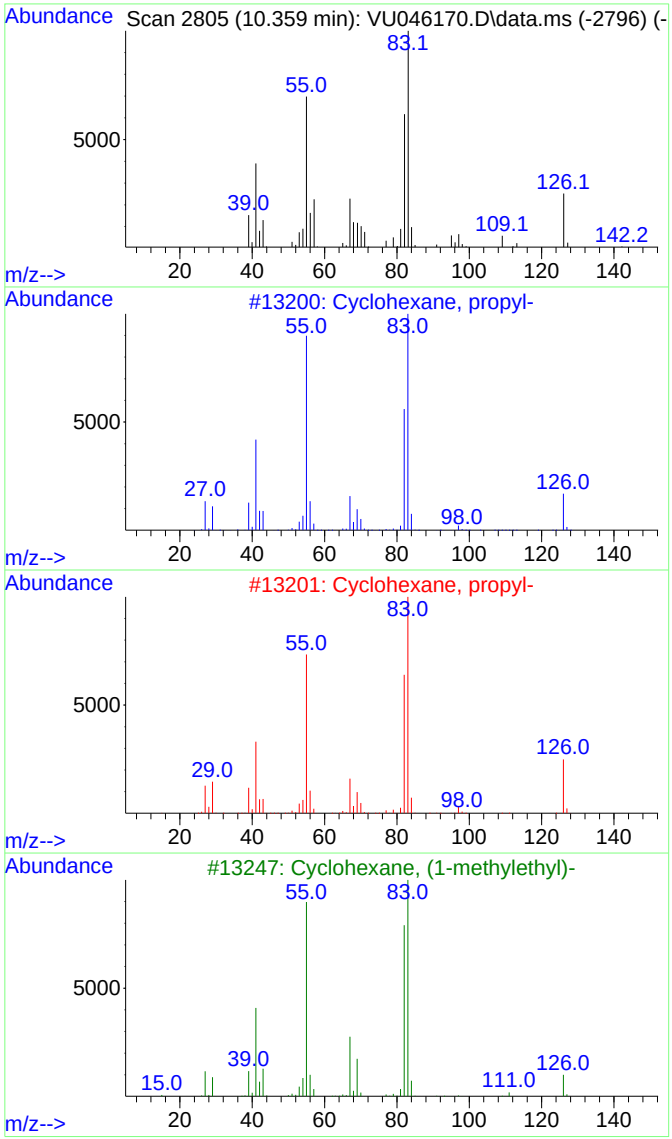
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

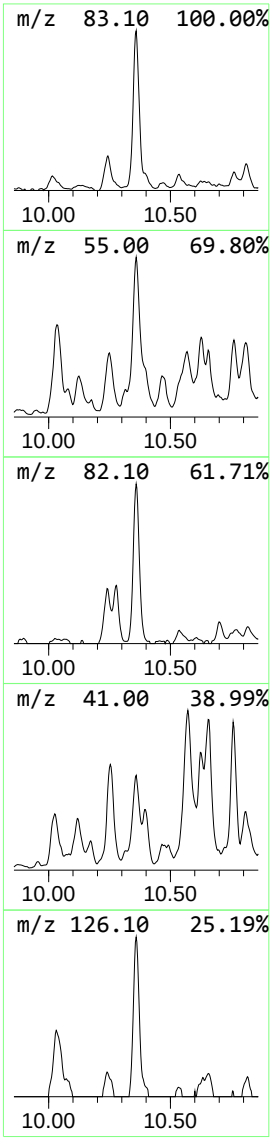
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic10.359 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.359	7.67 ug/L	119487	Chlorobenzene-d5	9.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

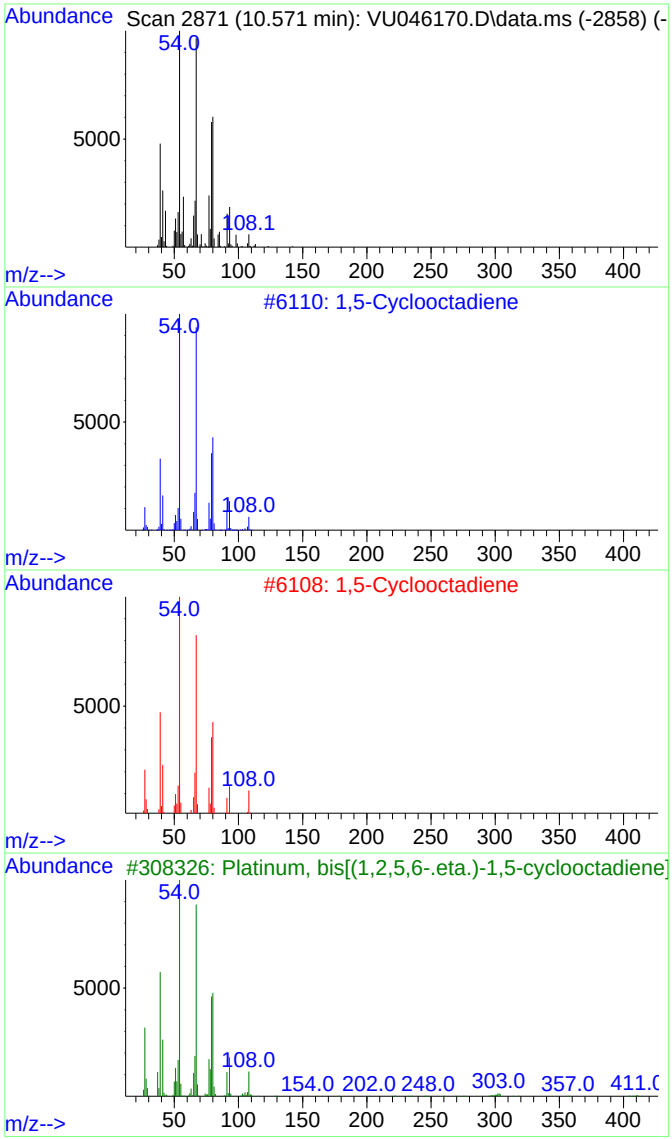
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

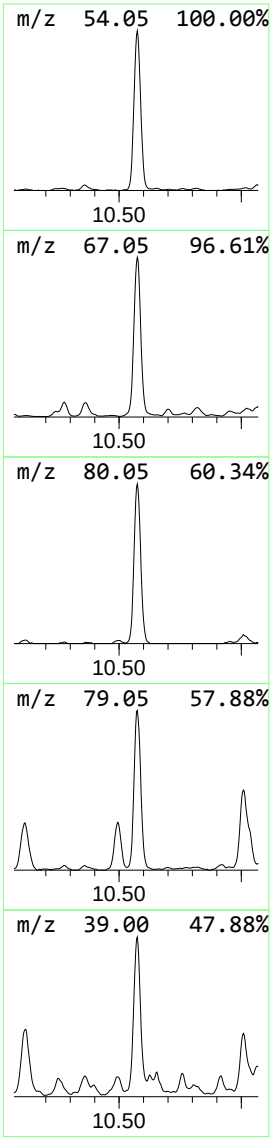
****

Peak Number 7 1,5-Cyclooctadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.571	36.54 ug/L	569288	Chlorobenzene-d5	9.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclooctadiene	108	C8H12	000111-78-4	87
2	1,5-Cyclooctadiene	108	C8H12	000111-78-4	86
3	Platinum, bis[(1,2,5,6-.eta.)-1,...	411	C16H24Pt	012130-66-4	83
4	1,5-Cyclooctadiene	108	C8H12	000111-78-4	81
5	1,5-Cyclooctadiene	108	C8H12	000111-78-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

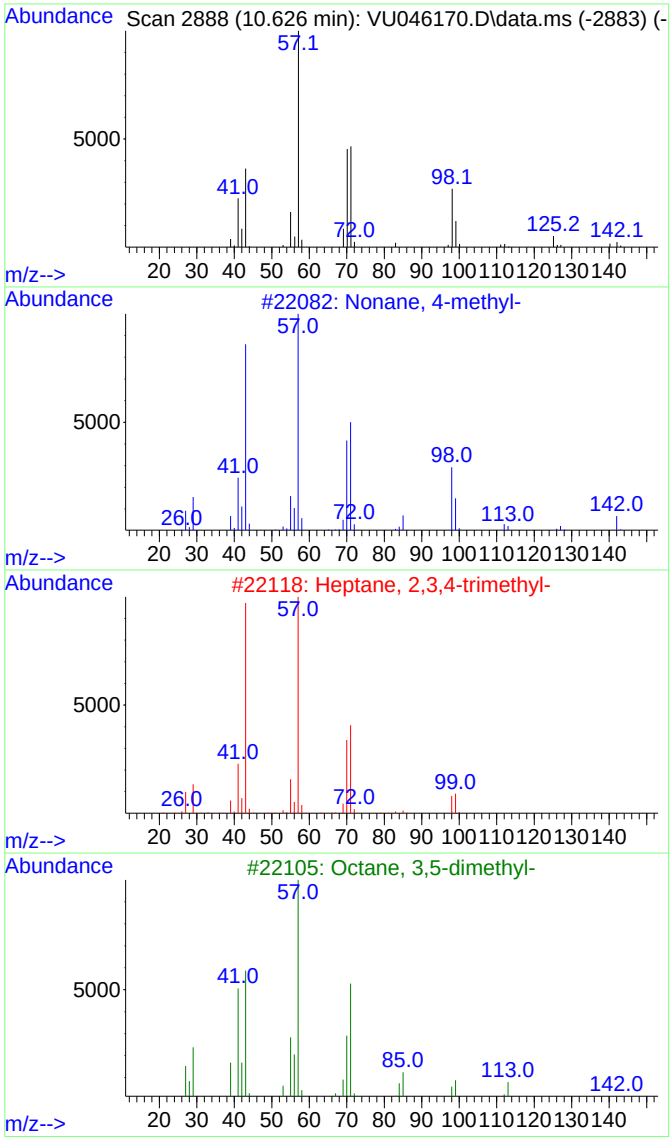
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

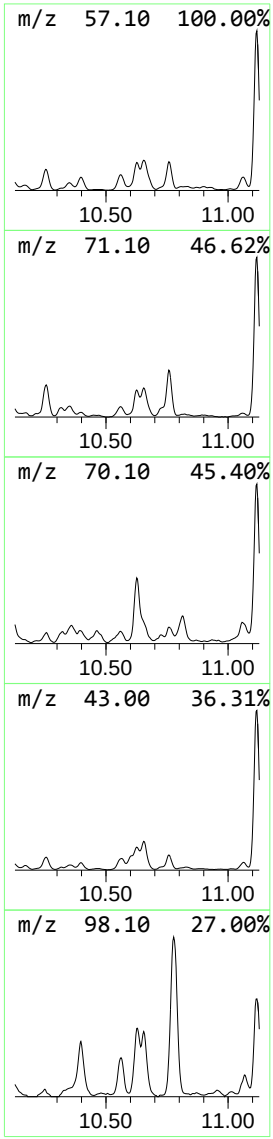
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.626	9.17 ug/L	142945	Chlorobenzene-d5	9.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	45





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Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

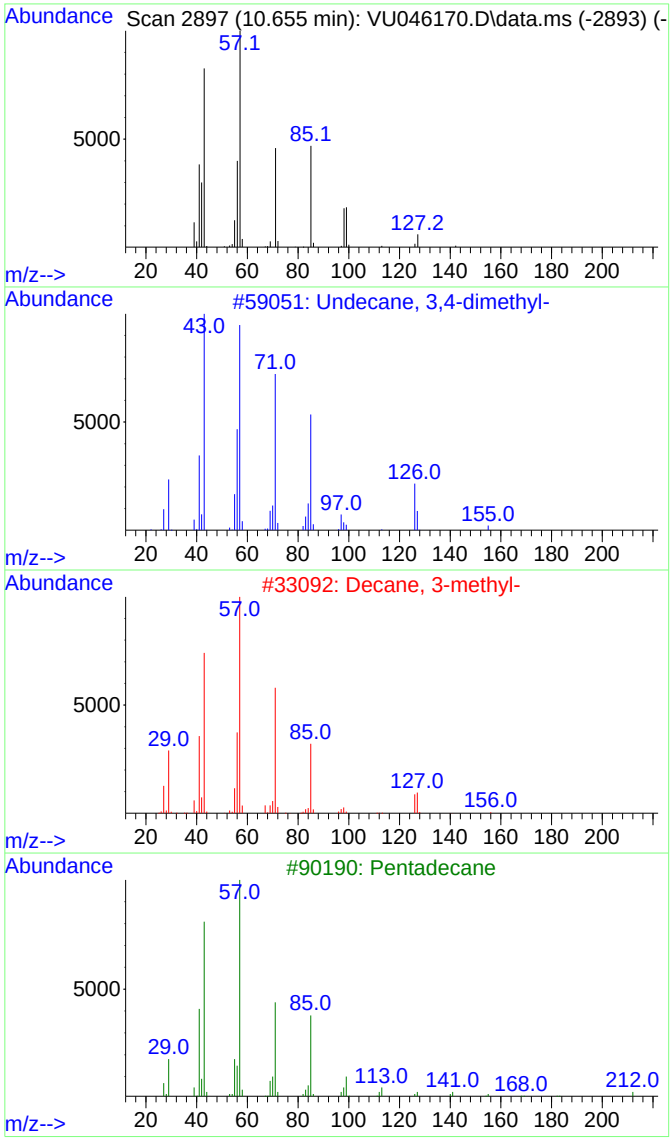
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

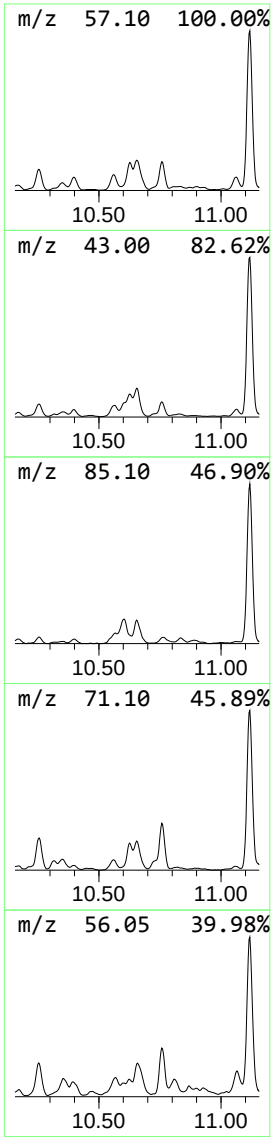
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.655	9.97 ug/L	165855	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	59
2	Decane, 3-methyl-	156	C11H24	013151-34-3	53
3	Pentadecane	212	C15H32	000629-62-9	53
4	Octadecane	254	C18H38	000593-45-3	53
5	Decyl heptyl ether	256	C17H36O	1000406-39-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

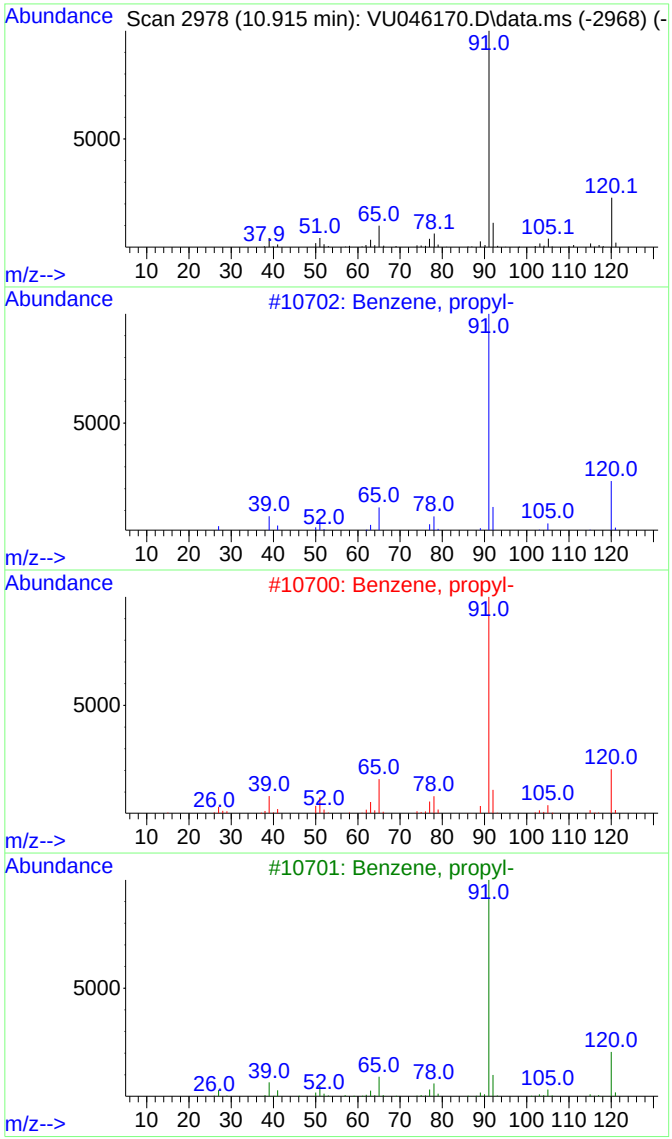
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

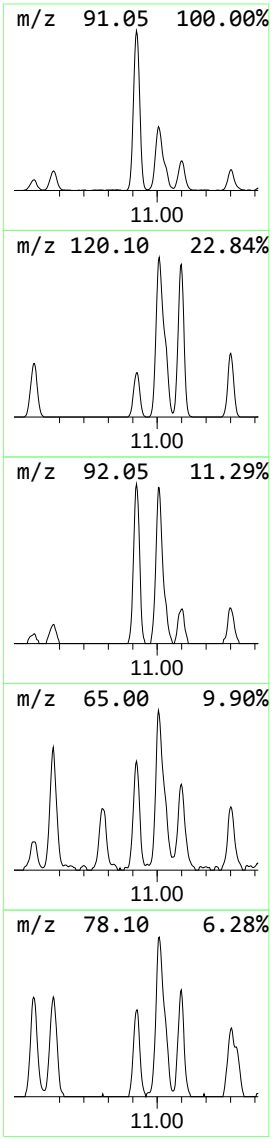
****

Peak Number 10 Benzene, propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.915	10.41 ug/L	173114	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

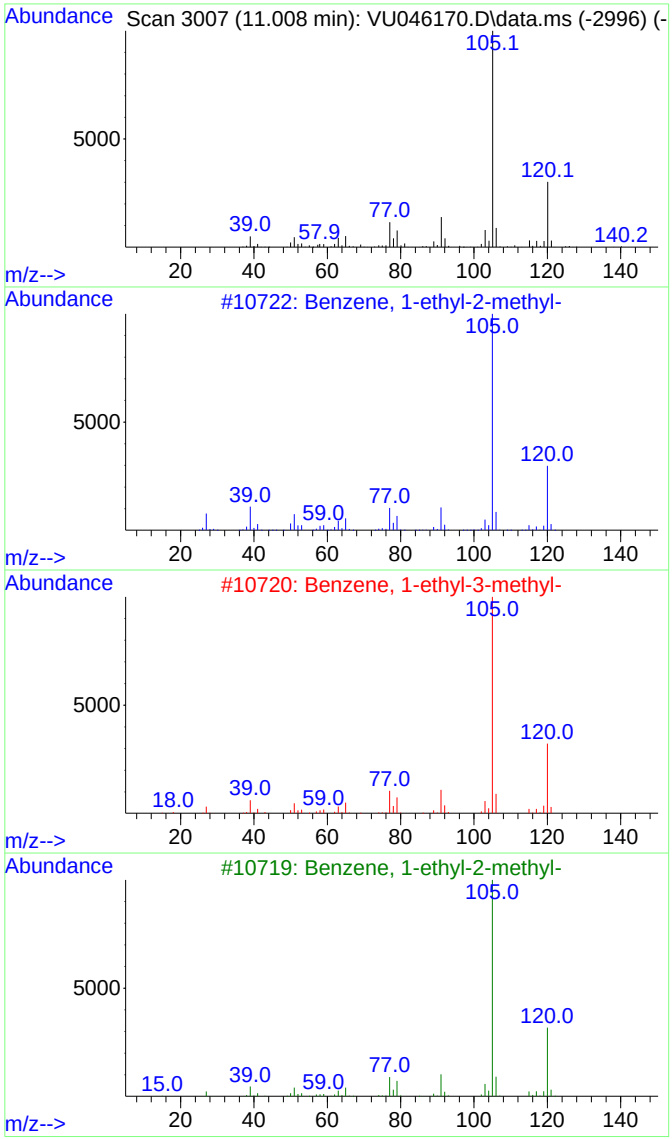
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

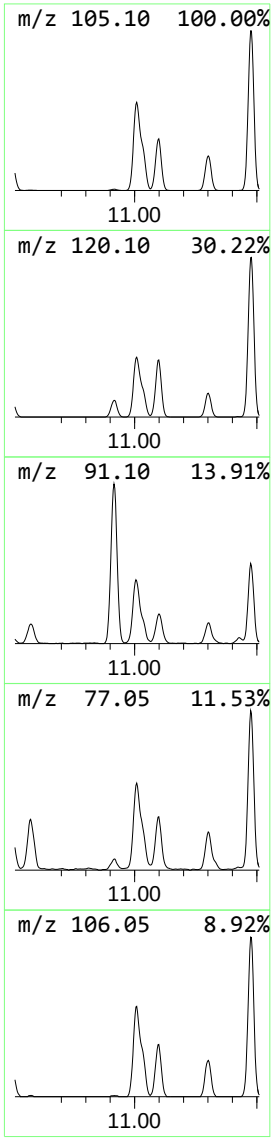
****

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.009	49.42 ug/L	821790	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

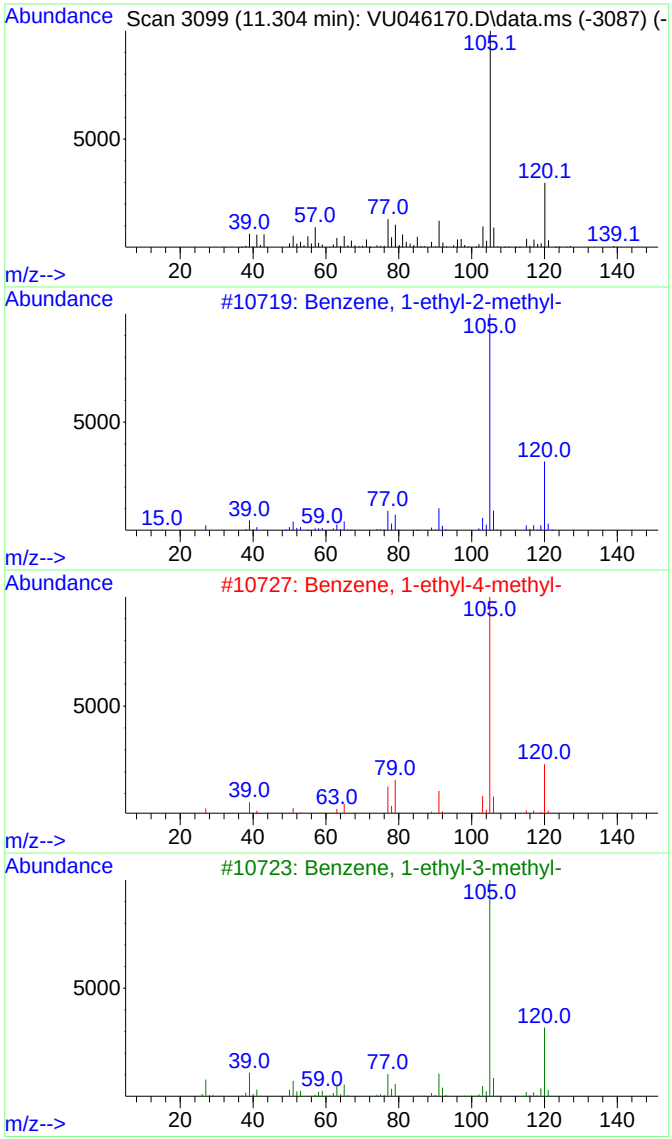
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

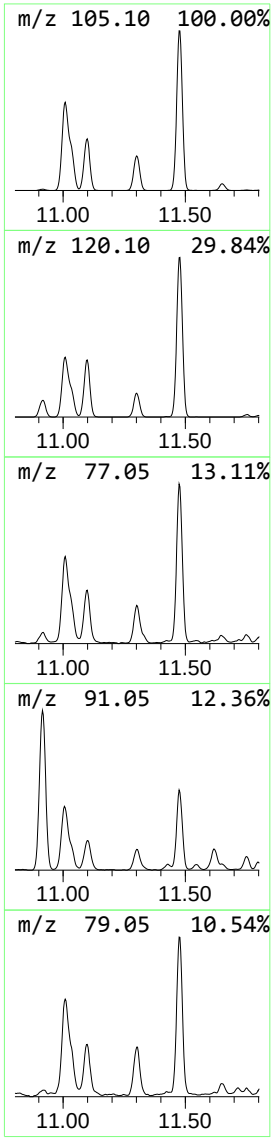
****

Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	24.01 ug/L	399240	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	89
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

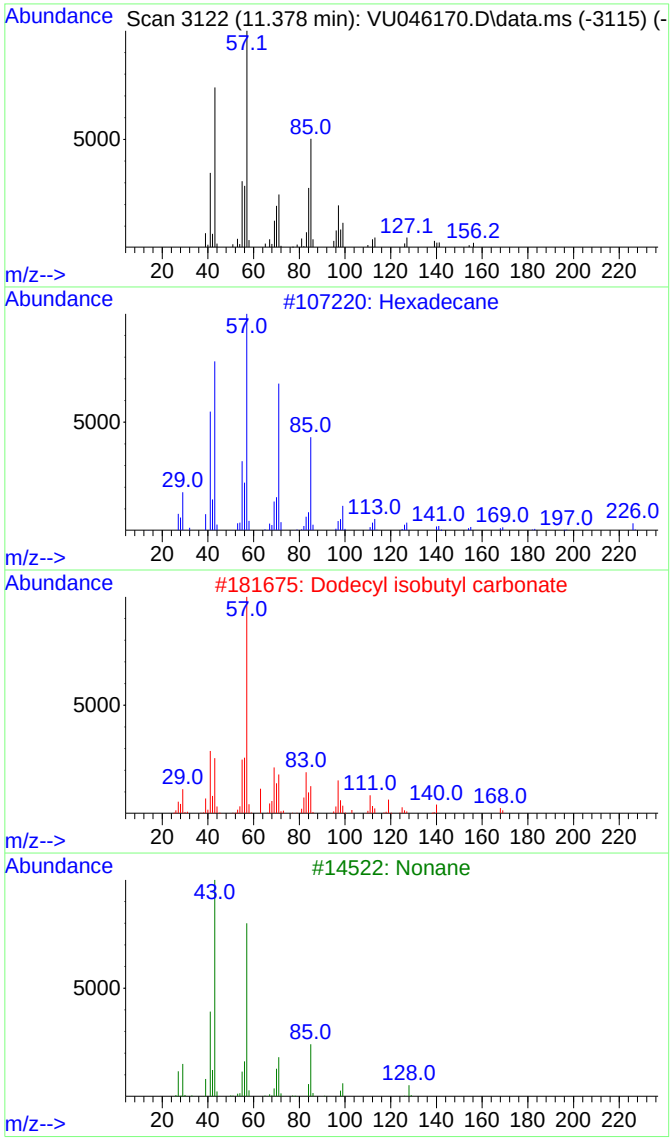
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

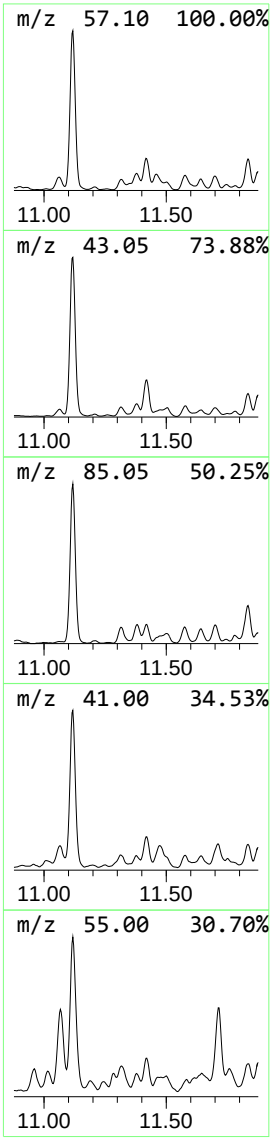
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	5.20 ug/L	86525	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	53
2	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	53
3	Nonane	128	C9H20	000111-84-2	53
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	52
5	Decan-2-yl 2-methylbutanoate	242	C15H30O2	1000372-72-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

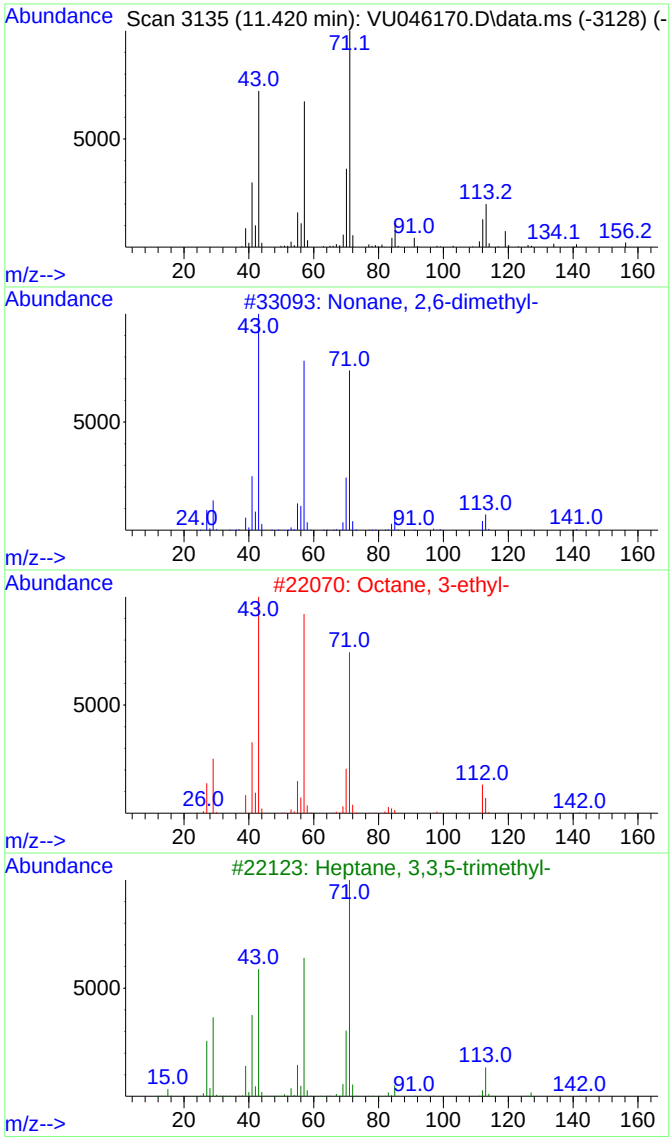
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

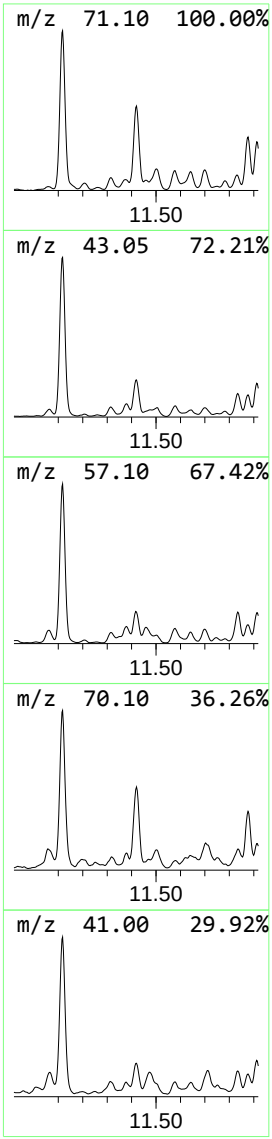
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.420	14.87 ug/L	247299	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	72
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
5	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

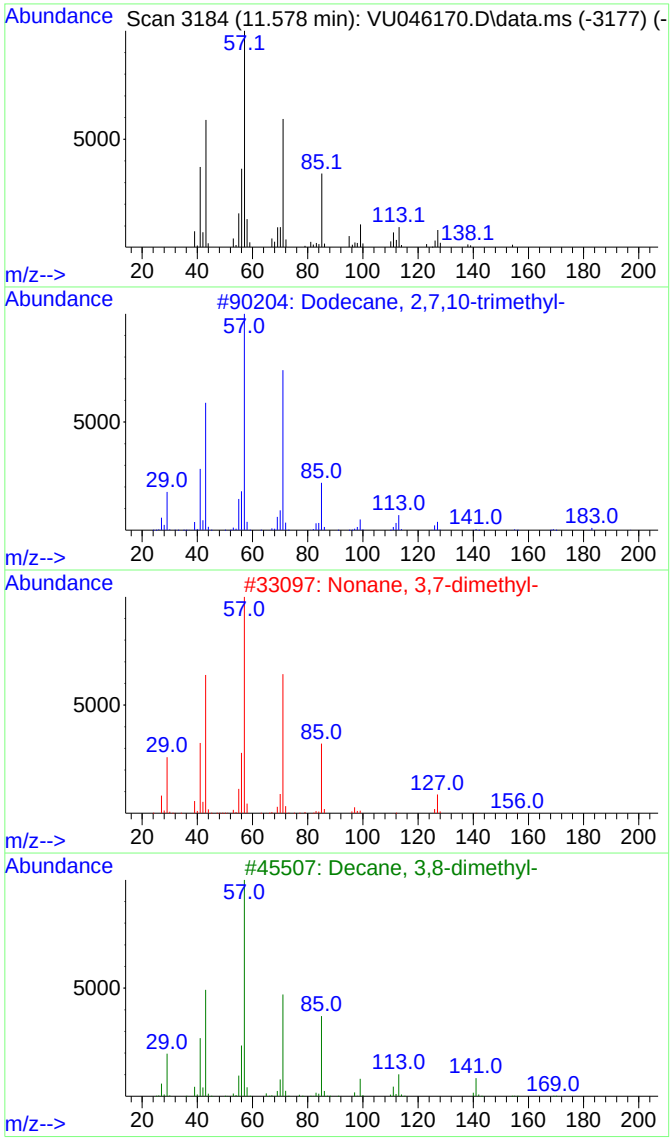
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

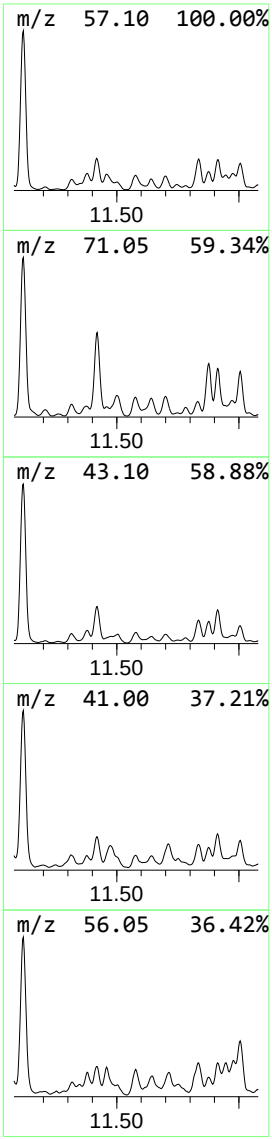
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.578	3.81 ug/L	63362	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

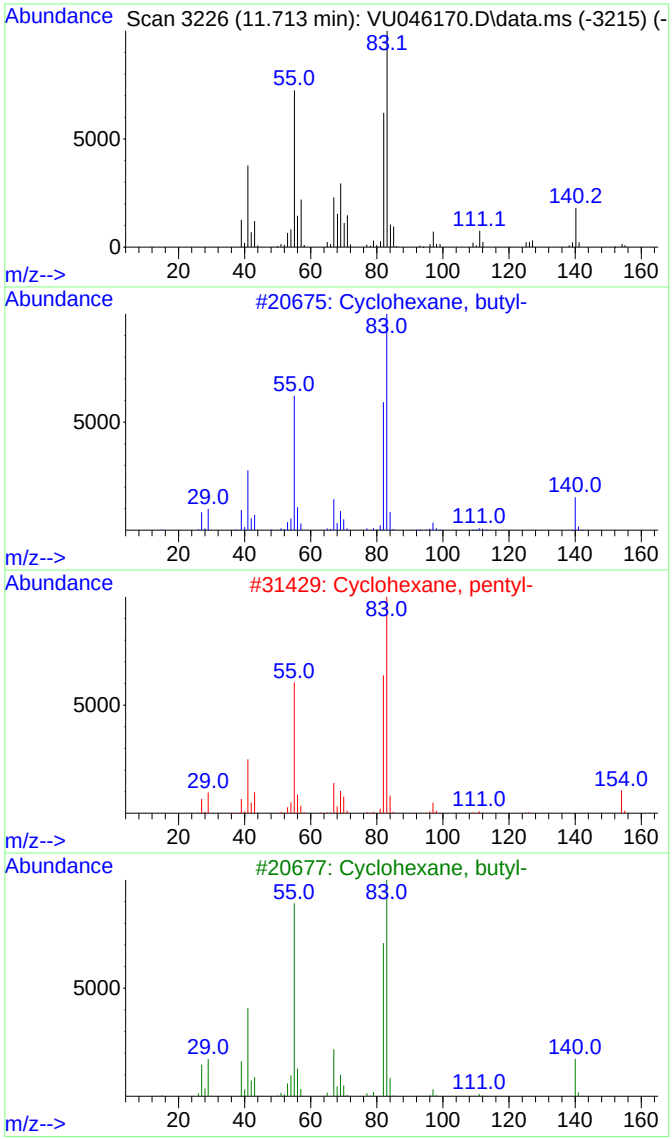
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

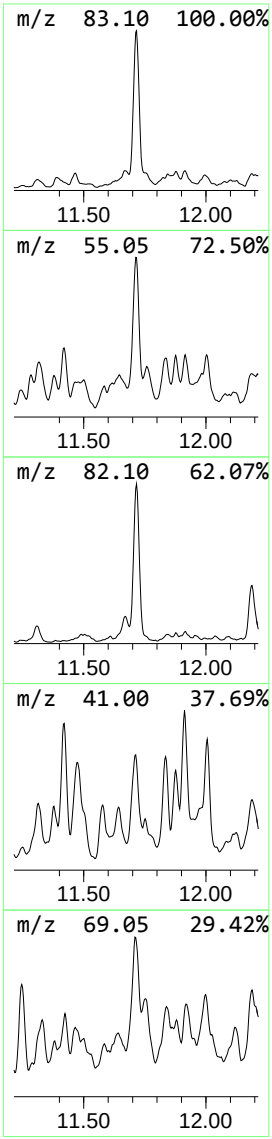
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic11.713 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.713	12.53 ug/L	208285	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

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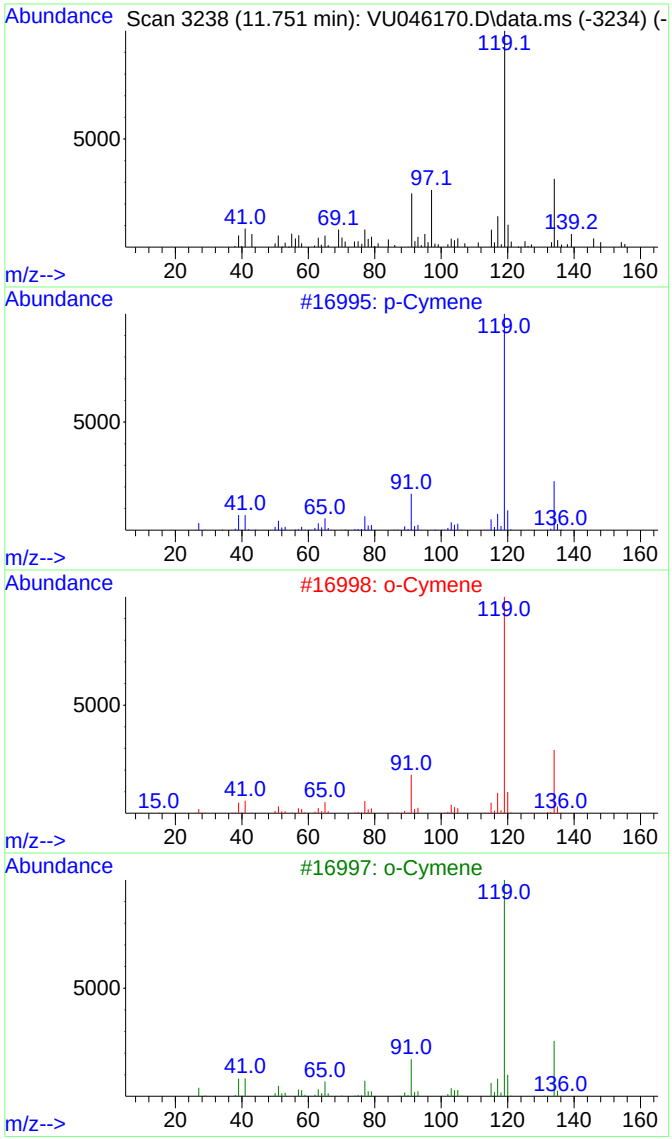
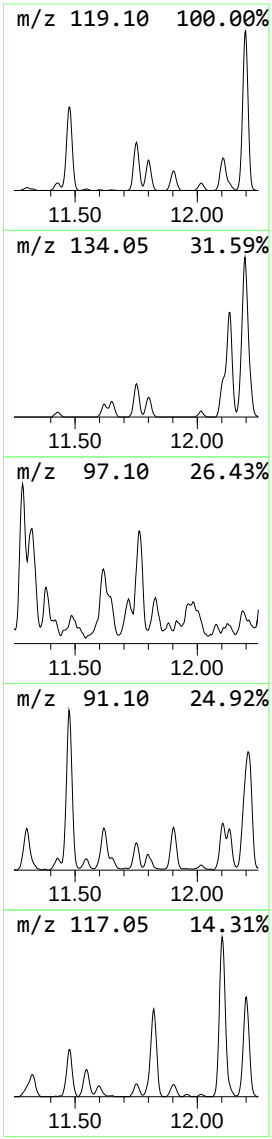
Peak Number 17 p-Cymene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	4.59 ug/L	76367	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	89
5	p-Cymene	134	C10H14	000099-87-6	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

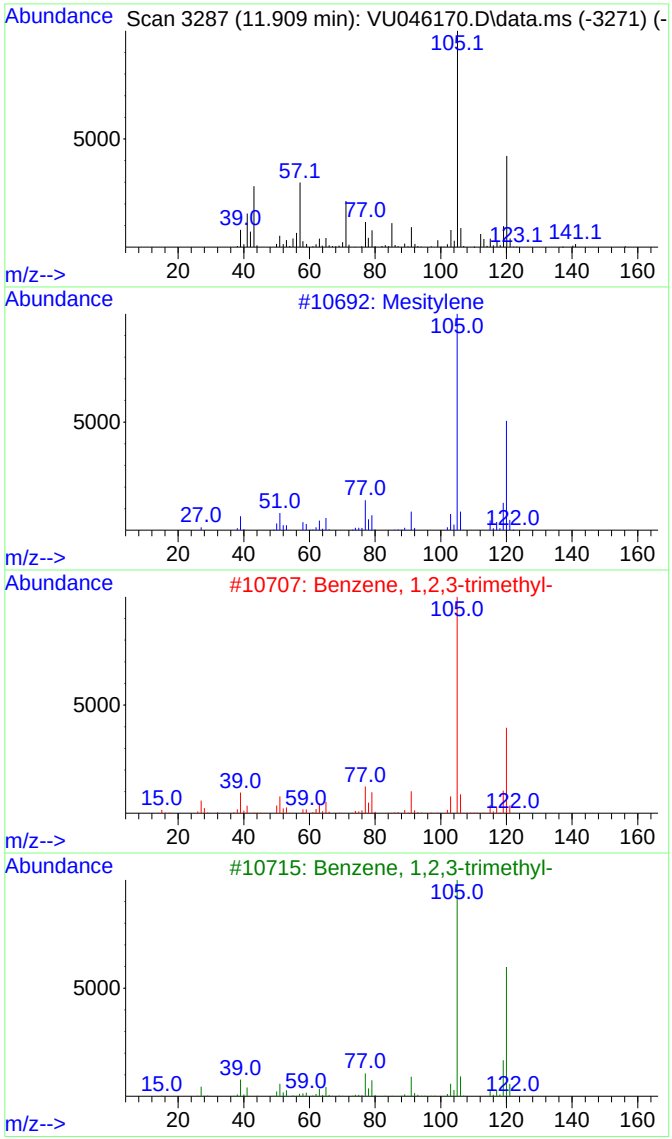
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

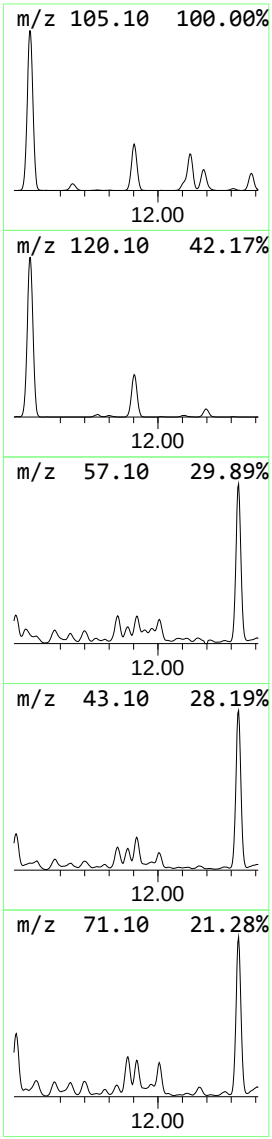
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.909	29.61 ug/L	492360	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

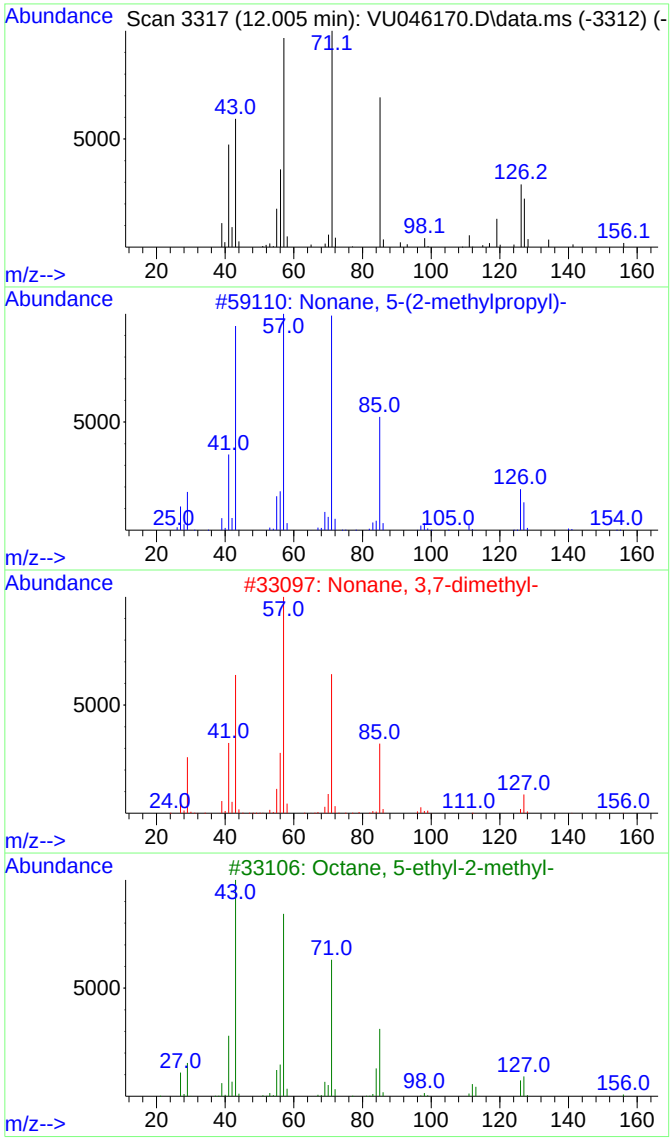
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

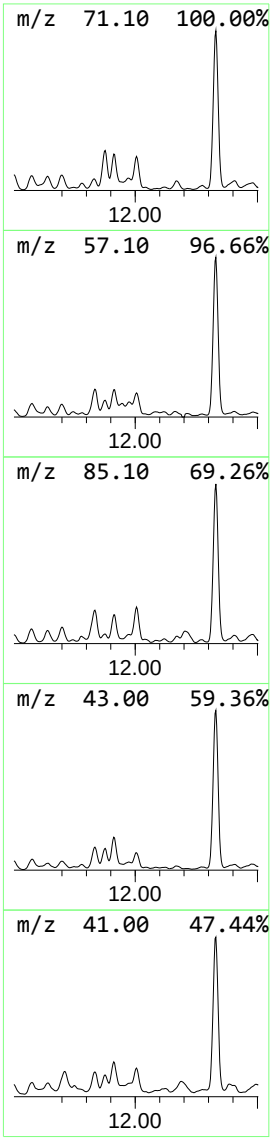
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	11.63 ug/L	193302	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59
5	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

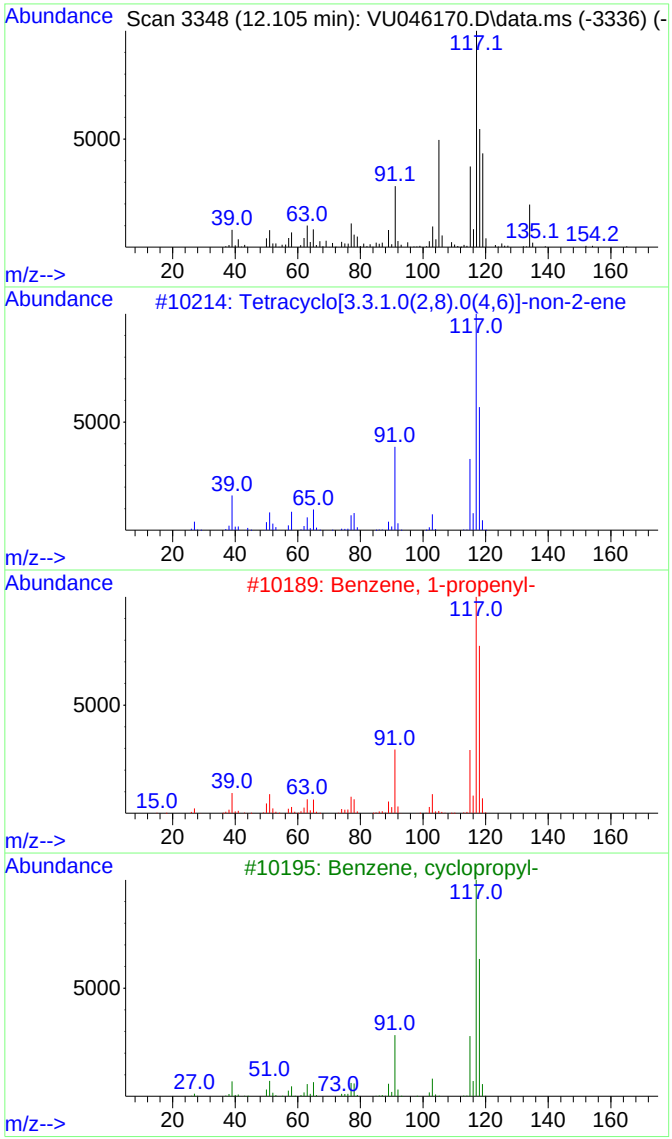
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

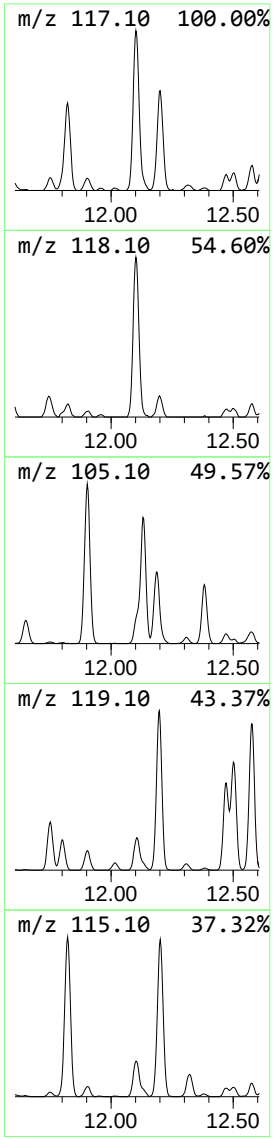
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.105	14.33 ug/L	238231	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	60
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
4	Indane	118	C9H10	000496-11-7	55
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

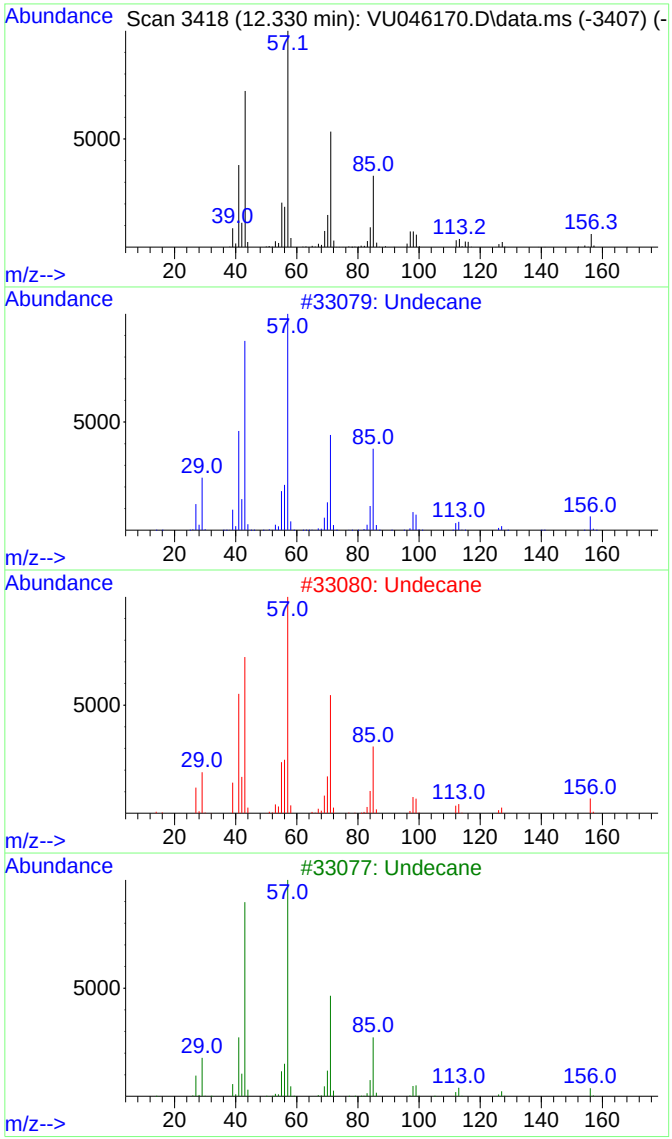
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

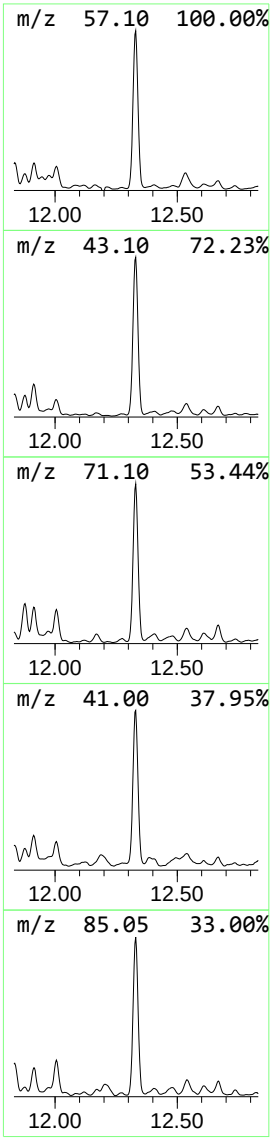
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.330	62.70 ug/L	1042590	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	94
3	Undecane	156	C11H24	001120-21-4	93
4	Undecane	156	C11H24	001120-21-4	91
5	Undecane	156	C11H24	001120-21-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

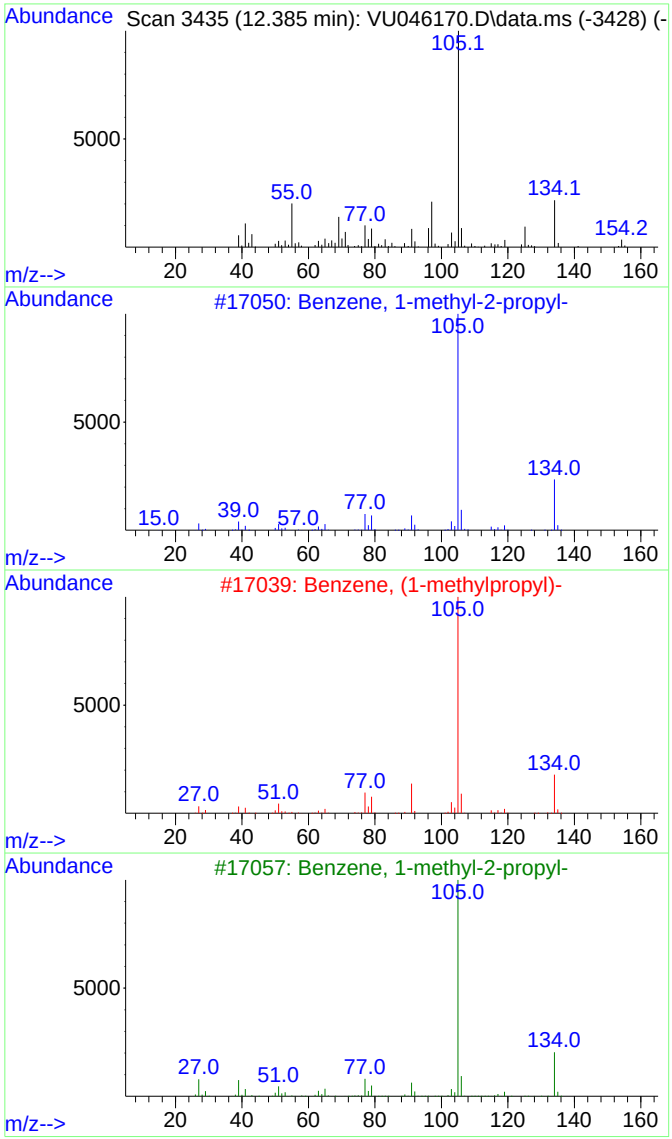
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

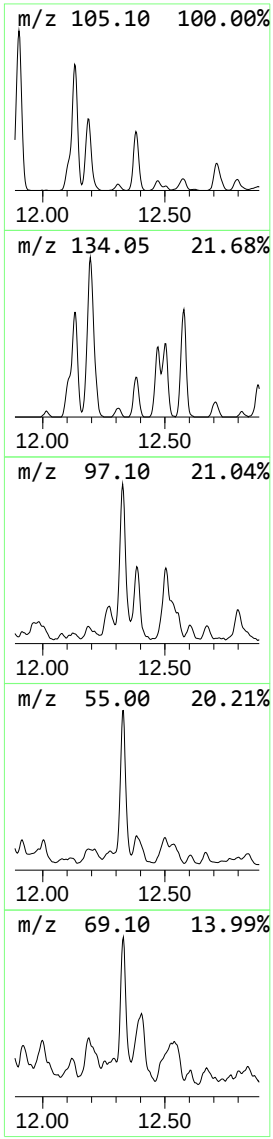
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-methyl-2-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.385	12.29 ug/L	204423	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	55
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	55
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

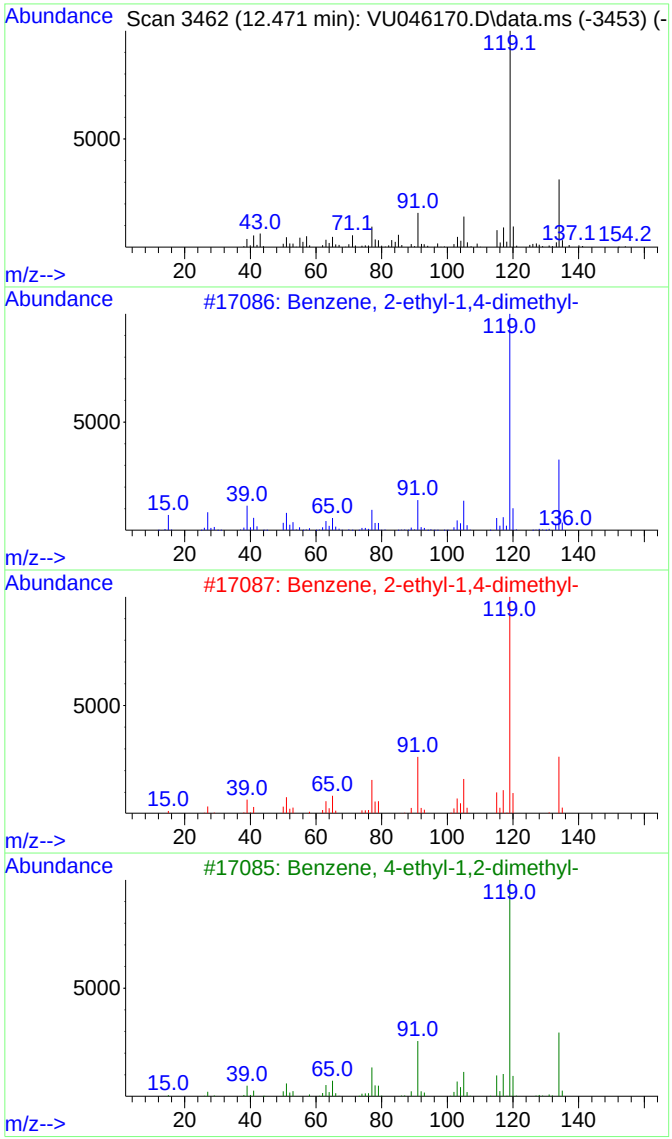
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

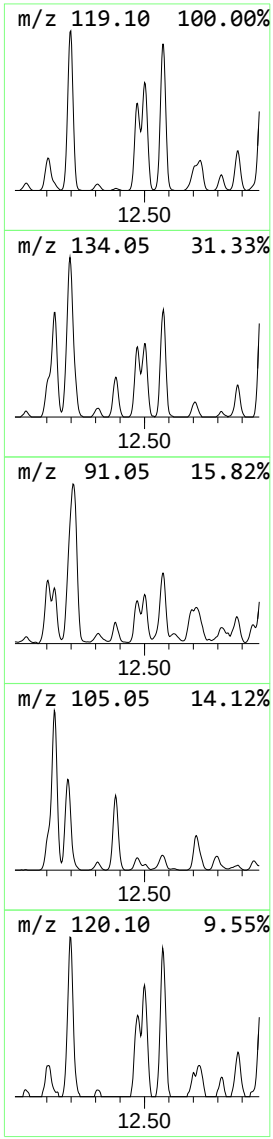
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	8.98 ug/L	149266	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

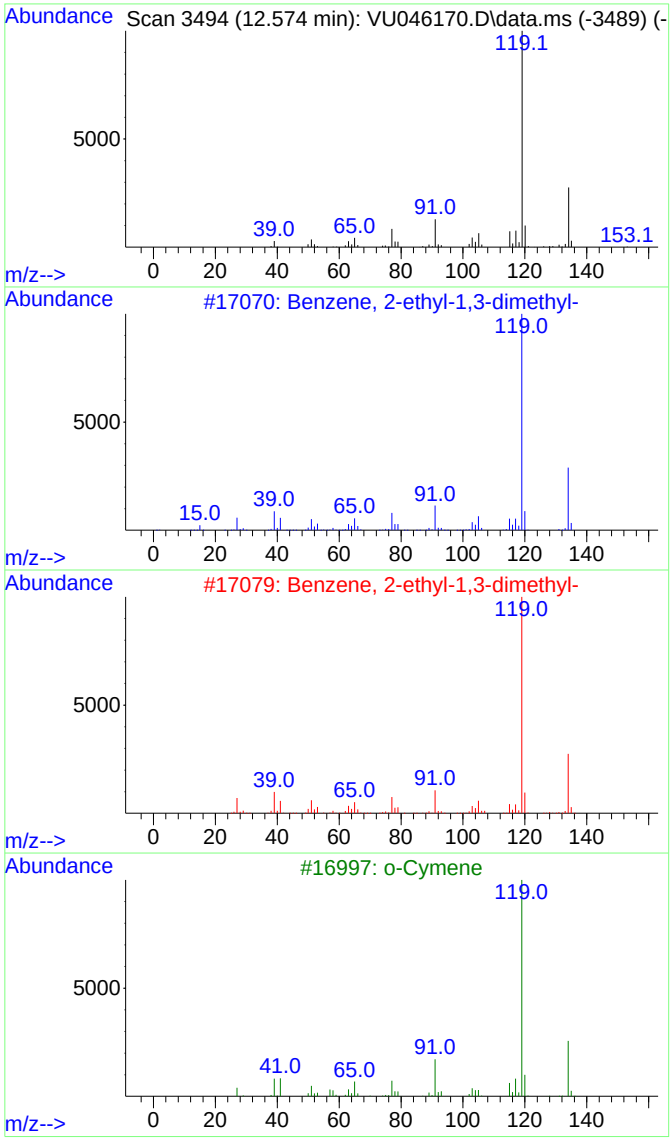
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

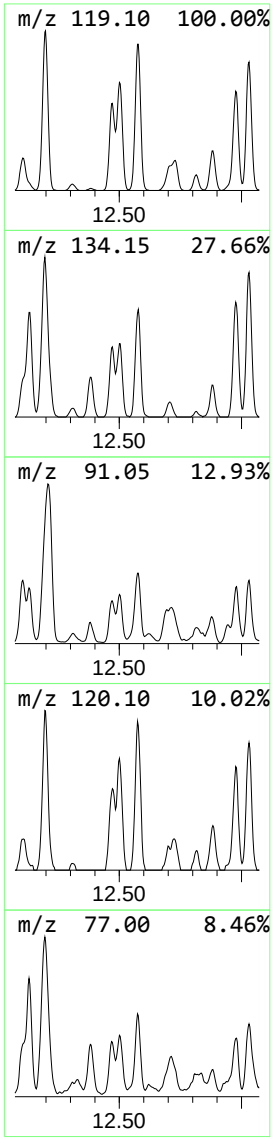
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	7.70 ug/L	128098	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

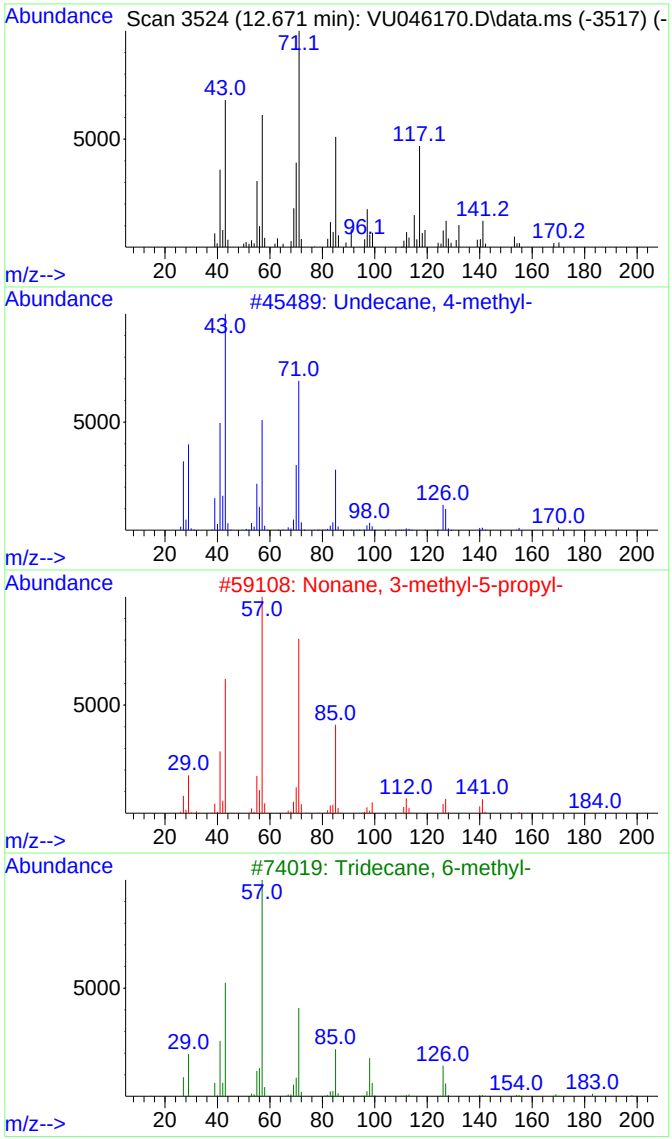
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

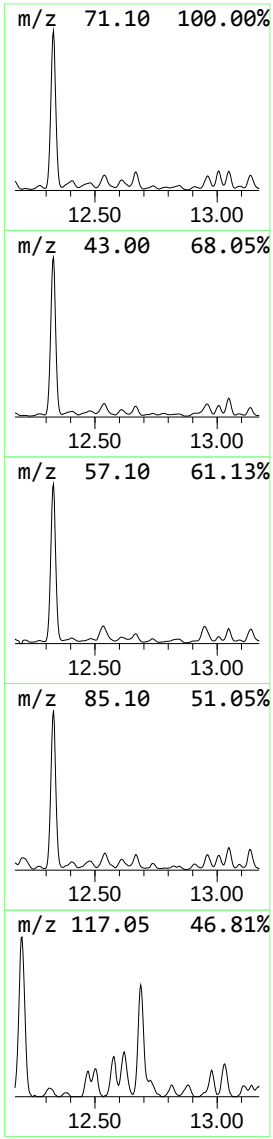
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.671	4.15 ug/L	68926	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	53
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	49
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	43
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

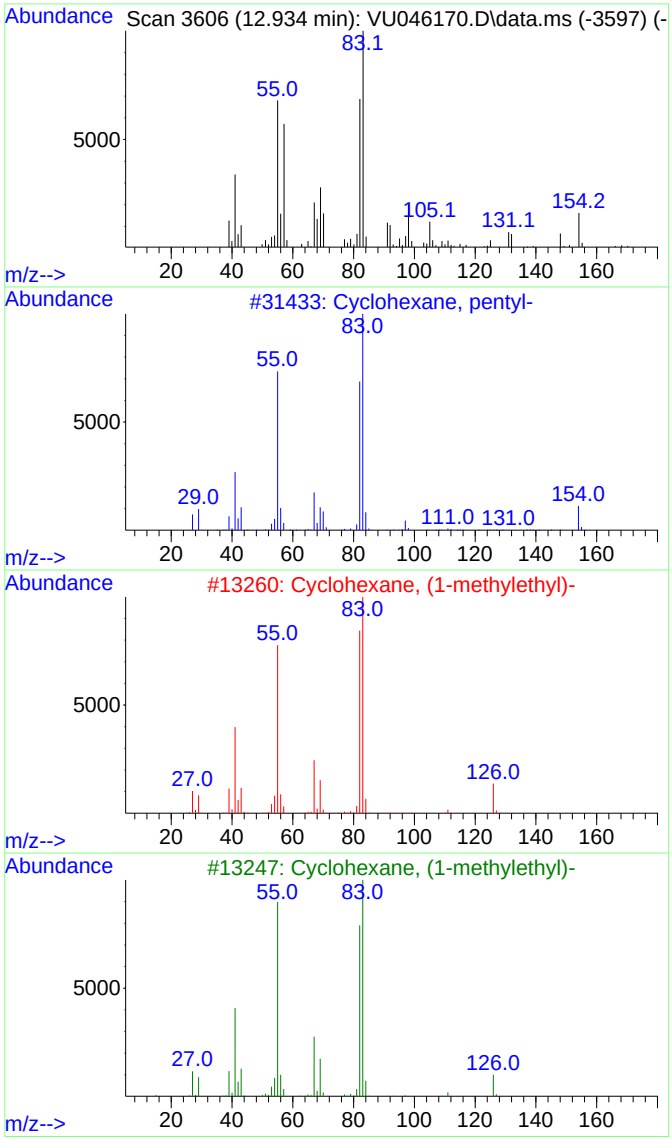
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

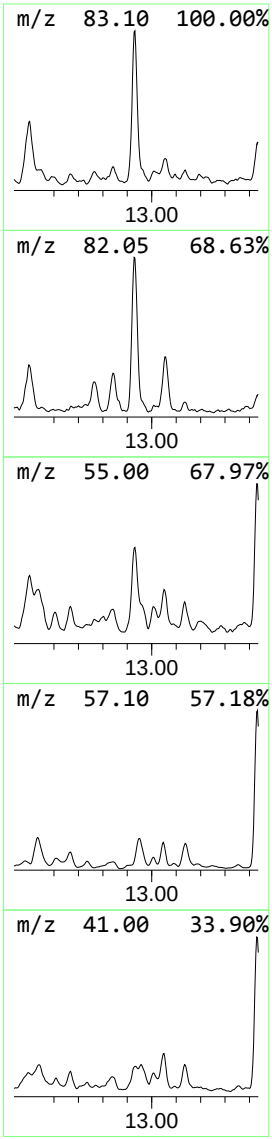
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic12.935 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.935	6.47 ug/L	107637	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

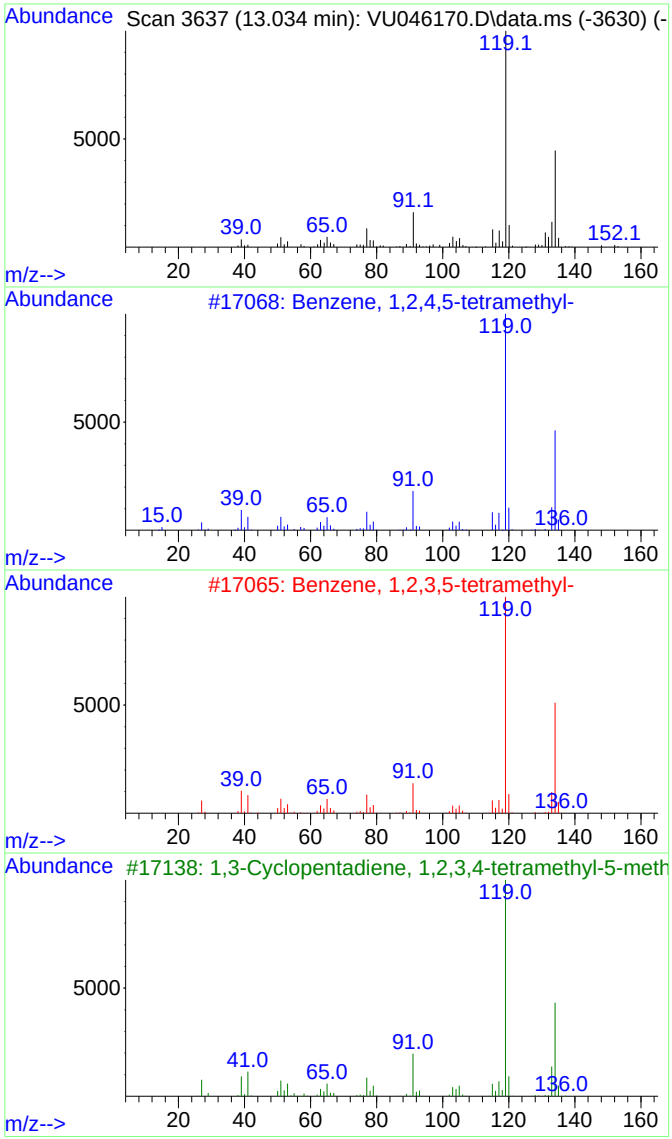
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

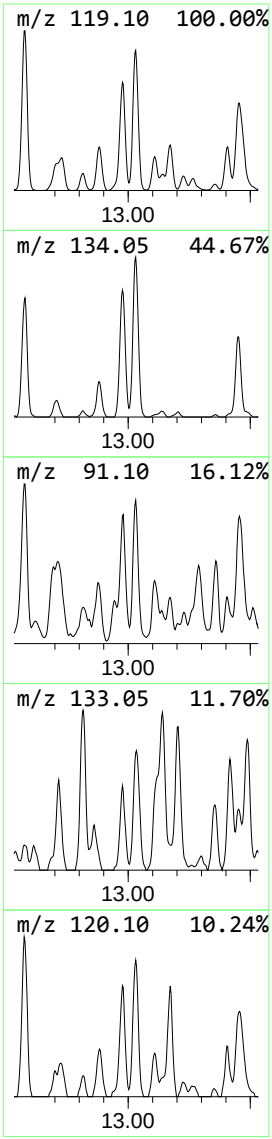
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.034	20.09 ug/L	334137	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

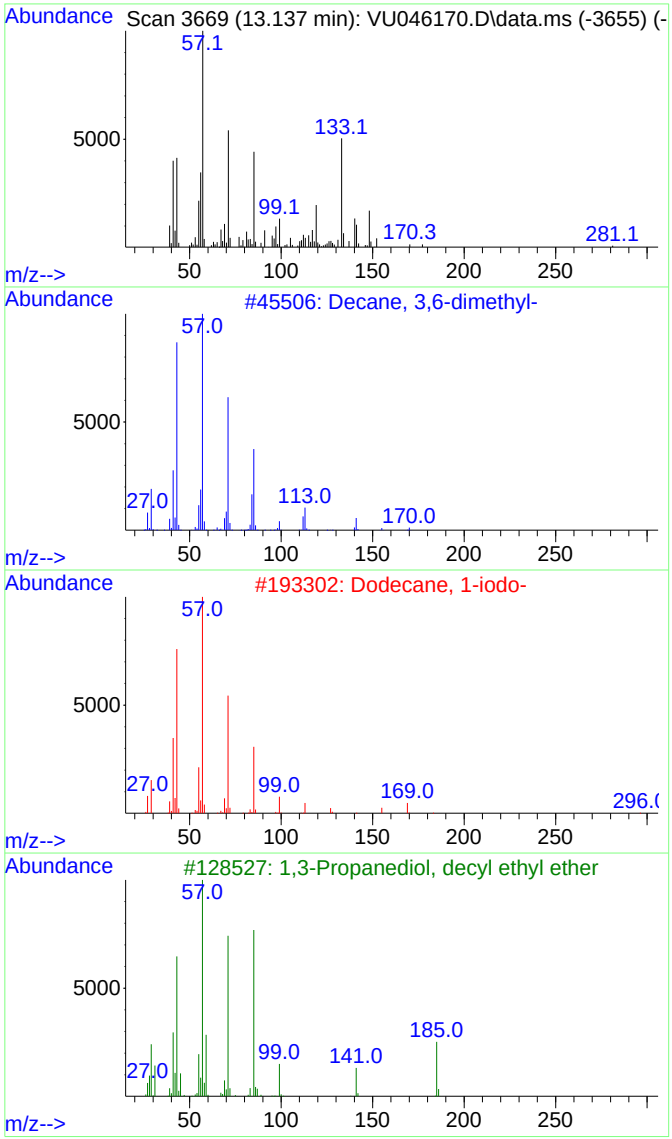
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

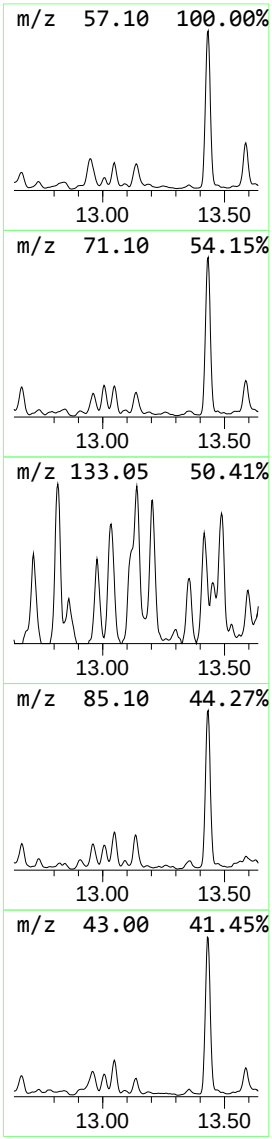
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.137	8.29 ug/L	137868	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
3	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	38
4	1-Iodoundecane	282	C11H23I	004282-44-4	38
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

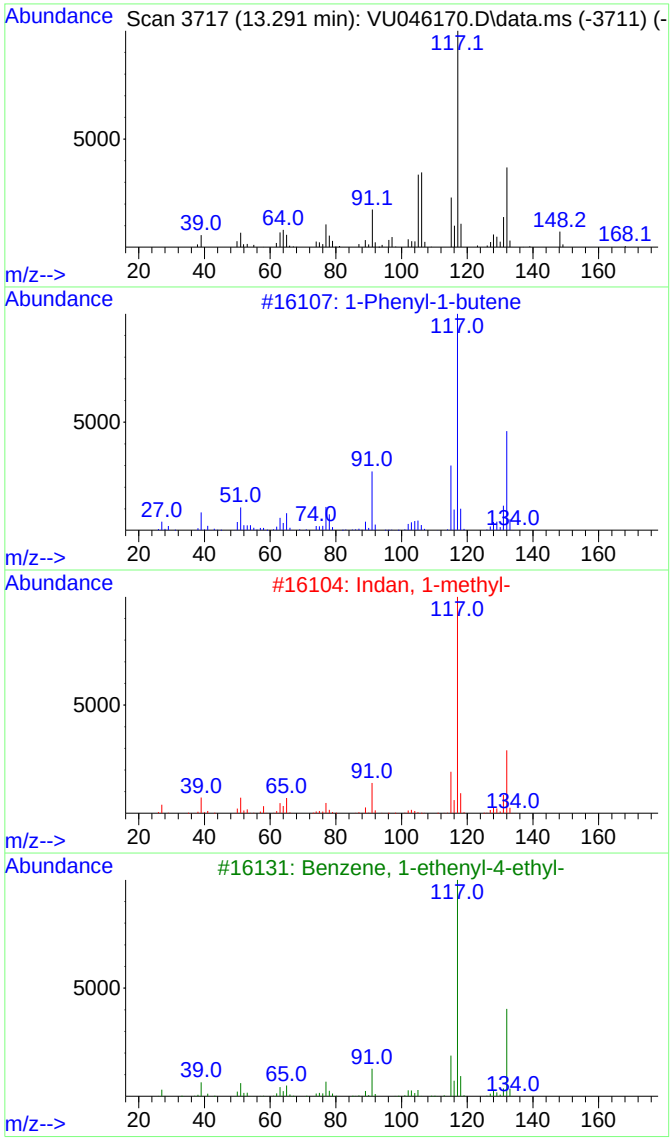
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

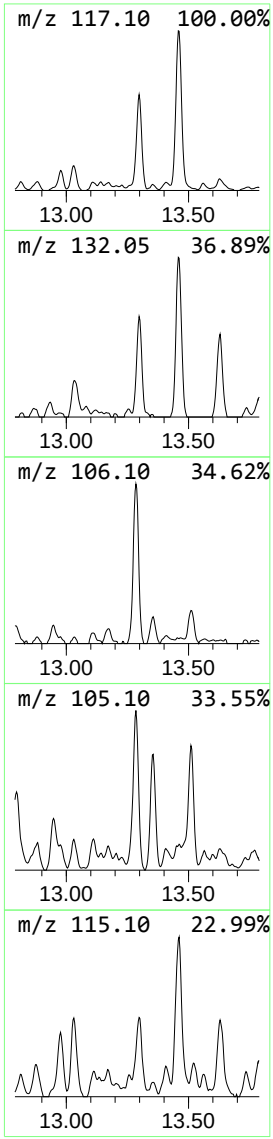
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1-Phenyl-1-butene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	6.00 ug/L	99763	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





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Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

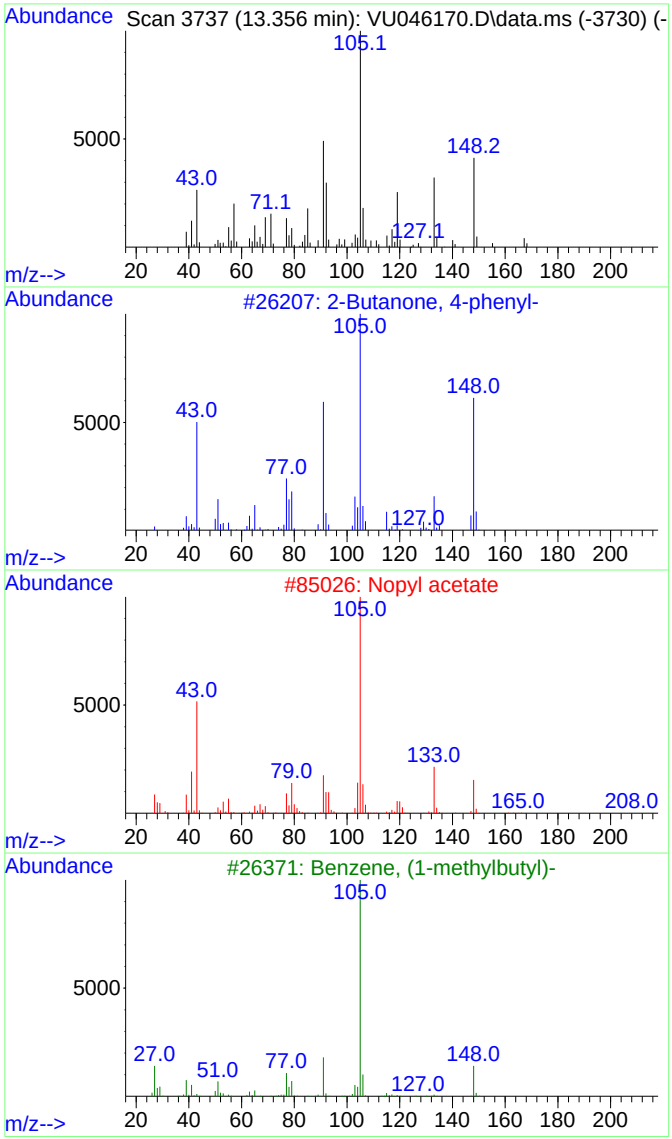
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

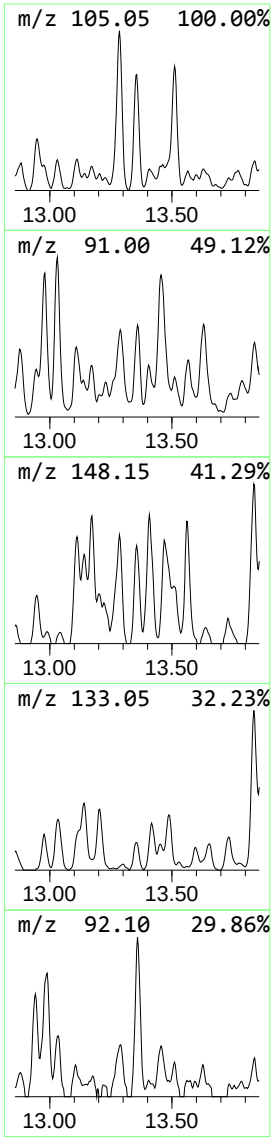
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 2-Butanone, 4-phenyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.356	3.20 ug/L	53154	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	43
2	Nopyl acetate	208	C13H20O2	000128-51-8	42
3	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38
4	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	37
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	35





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Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

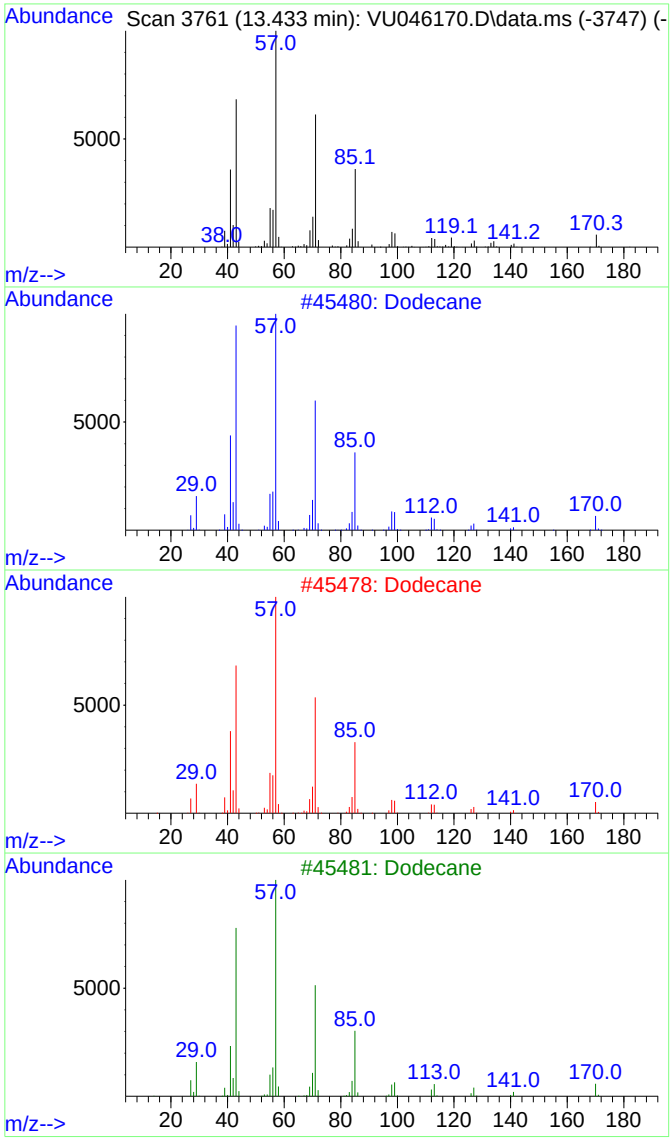
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

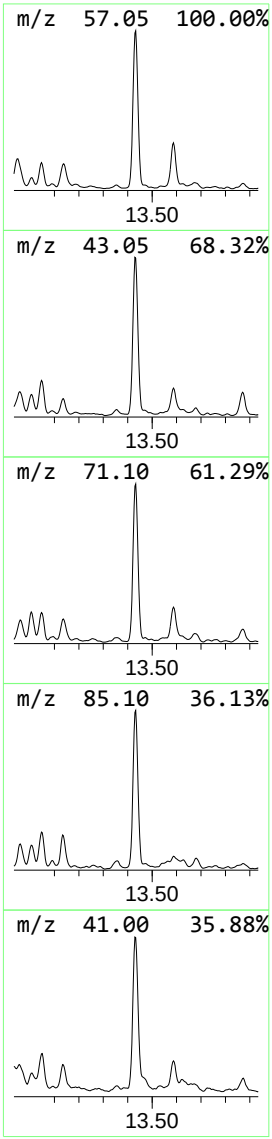
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	53.19 ug/L	884525	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	96
3	Dodecane	170	C12H26	000112-40-3	93
4	Tetradecane	198	C14H30	000629-59-4	87
5	Dodecane	170	C12H26	000112-40-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

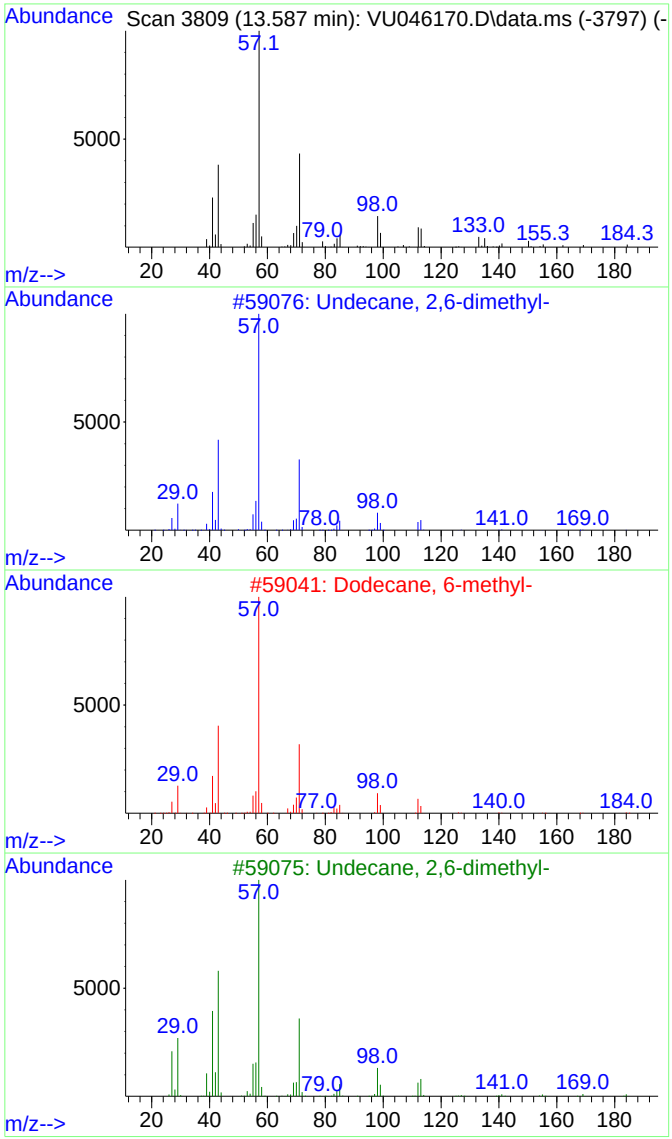
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

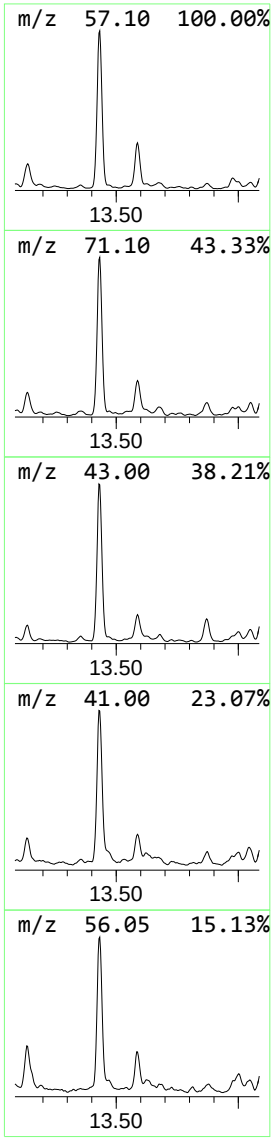
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.587	7.99 ug/L	132888	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	94
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	91
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

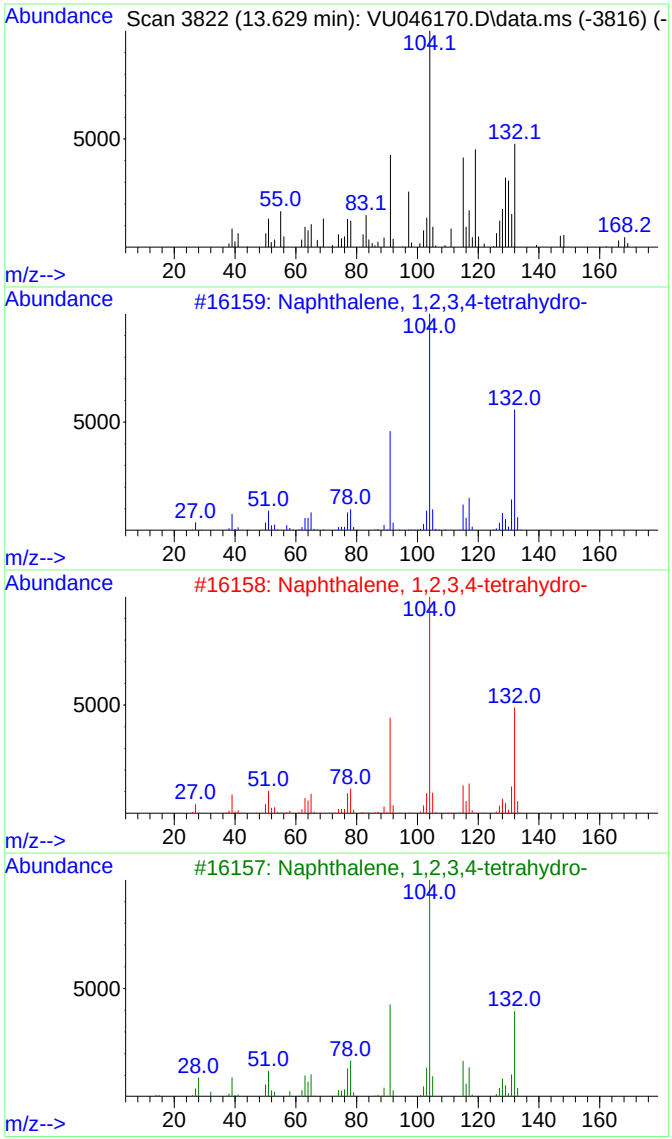
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

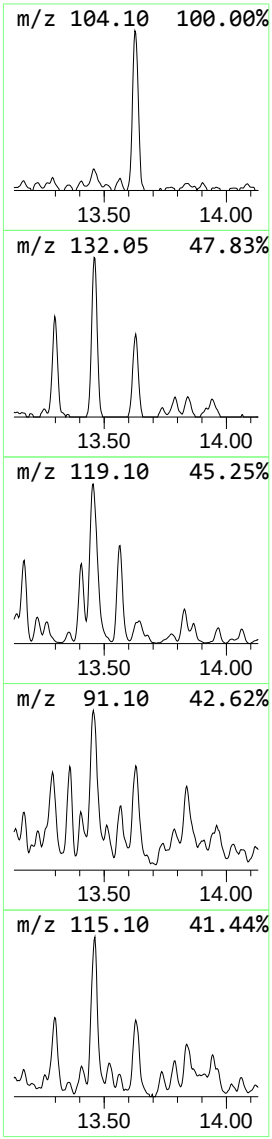
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	6.01 ug/L	99894	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

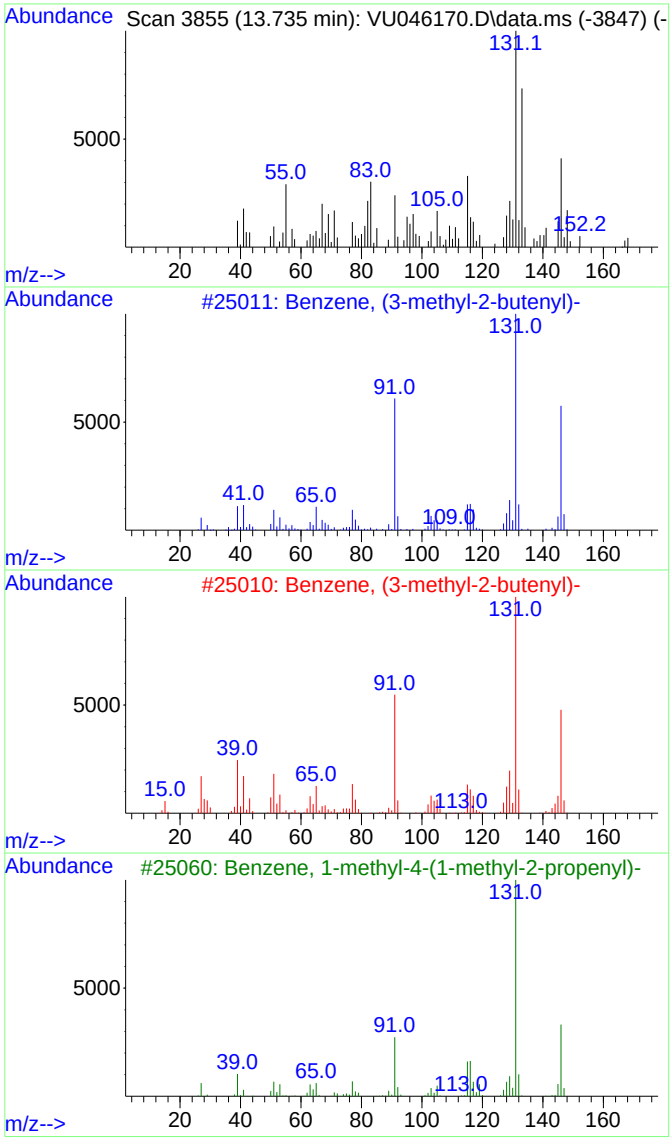
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

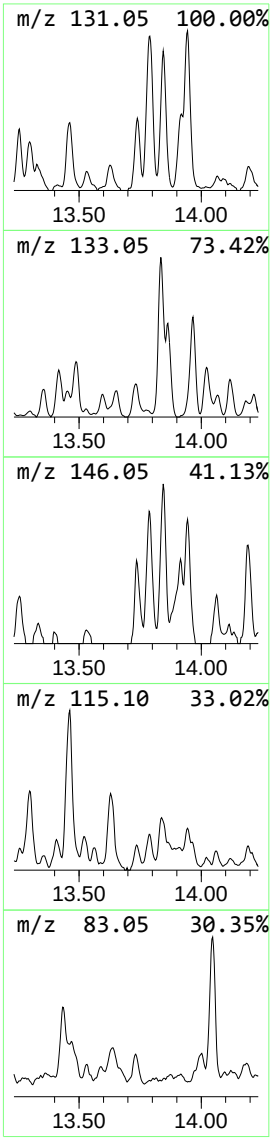
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, (3-methyl-2-butenyl)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.735	3.81 ug/L	63435	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

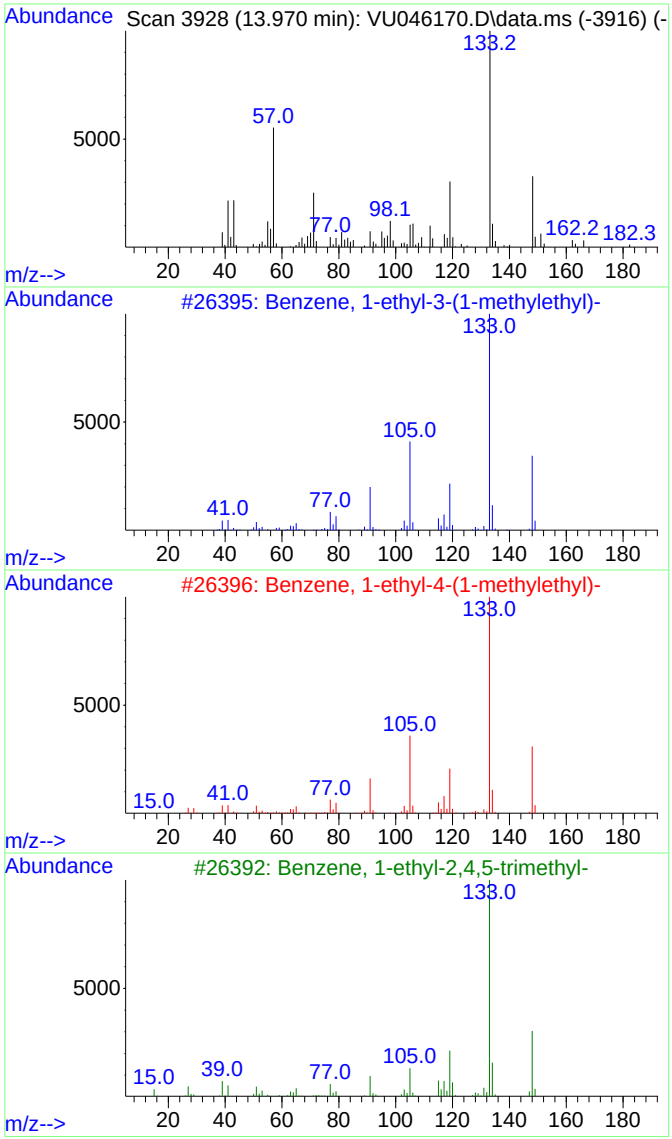
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

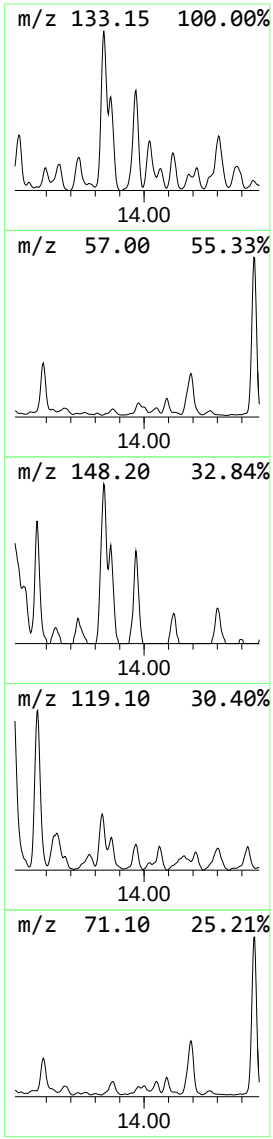
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	4.17 ug/L	69407	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	50
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	50
5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

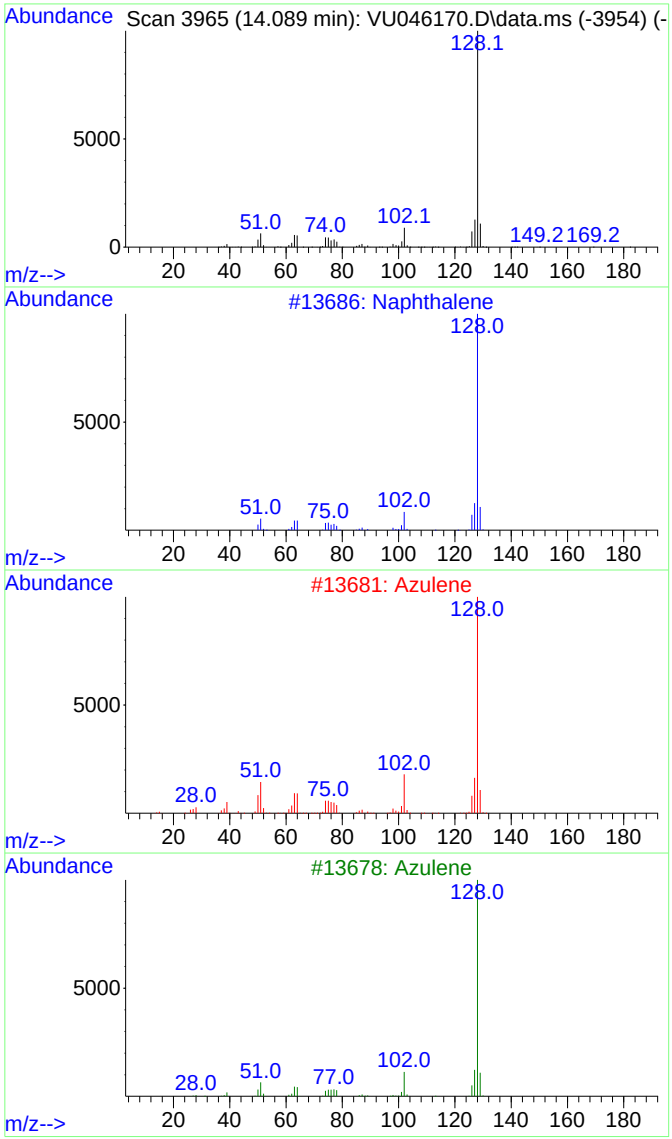
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

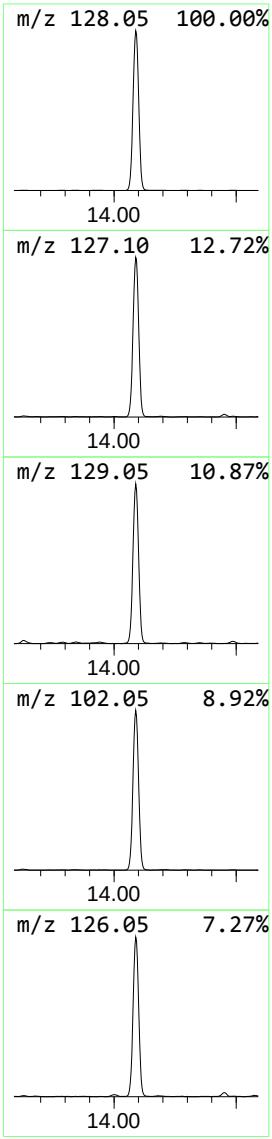
****

Peak Number 36 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	219.56 ug/L	3650820	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Azulene	128	C10H8	000275-51-4	93
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

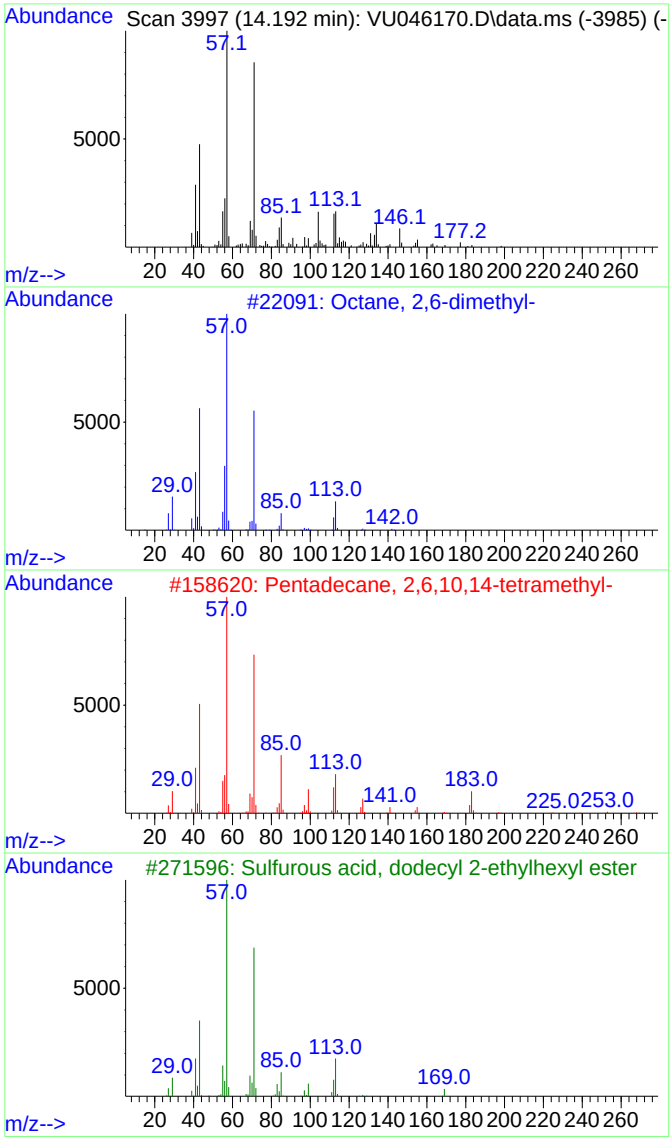
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

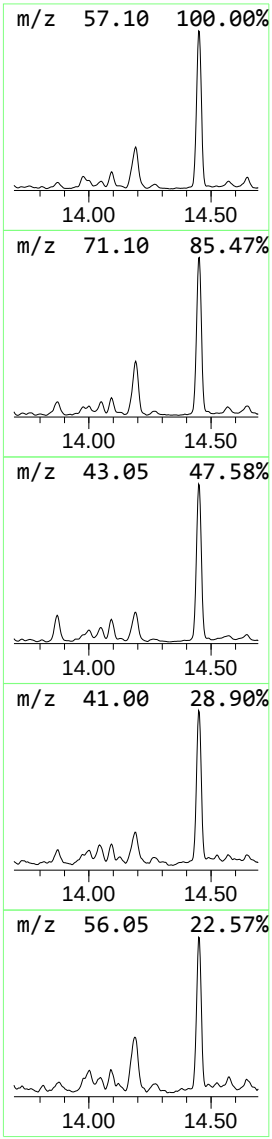
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	14.85 ug/L	246854	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
4	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	59
5	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

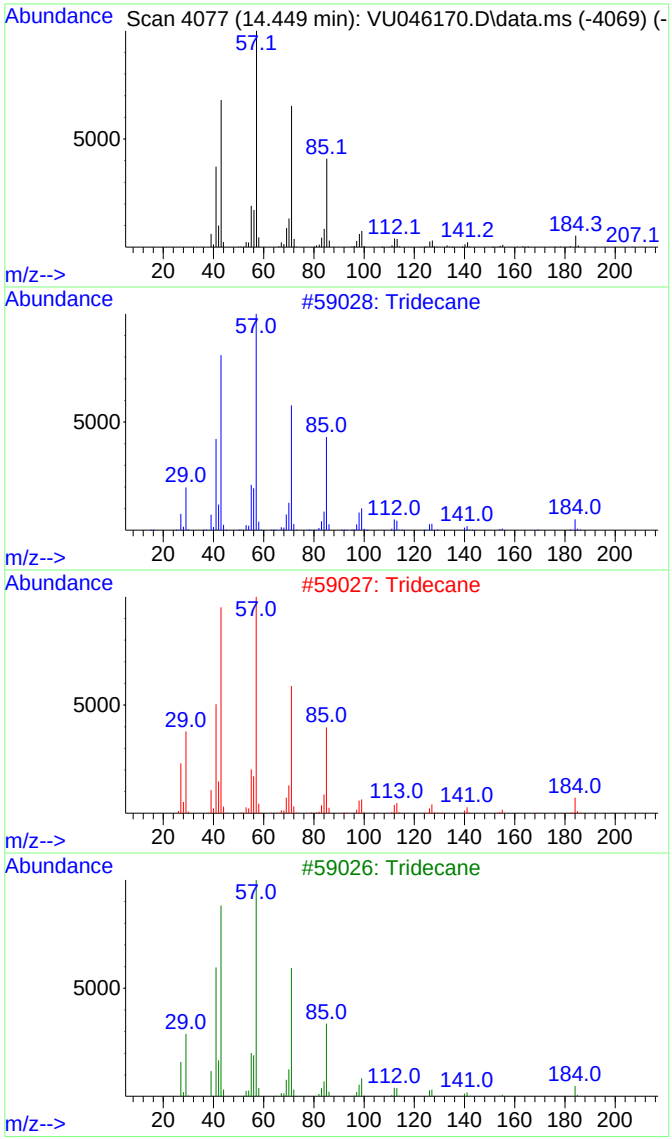
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

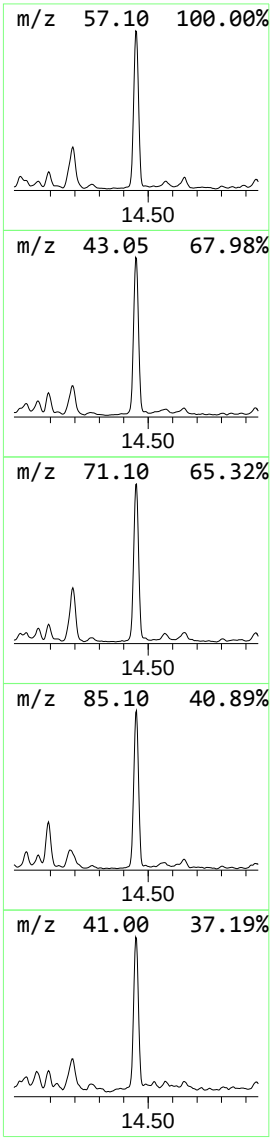
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.449	27.21 ug/L	452425	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	94
3	Tridecane	184	C13H28	000629-50-5	93
4	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

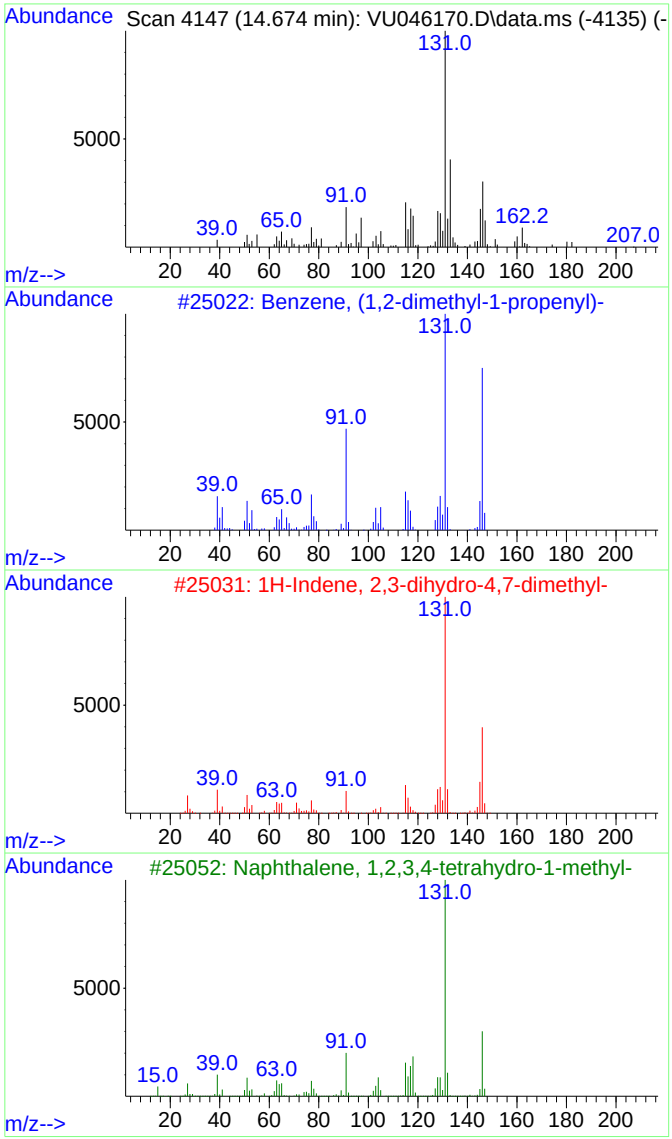
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

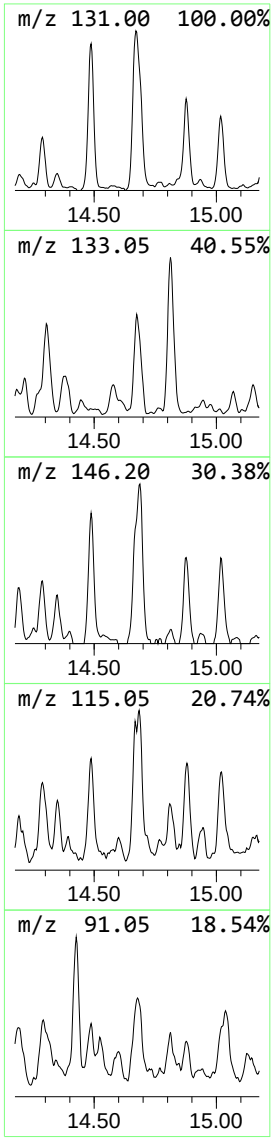
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	8.68 ug/L	144307	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	62
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	58
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	53
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

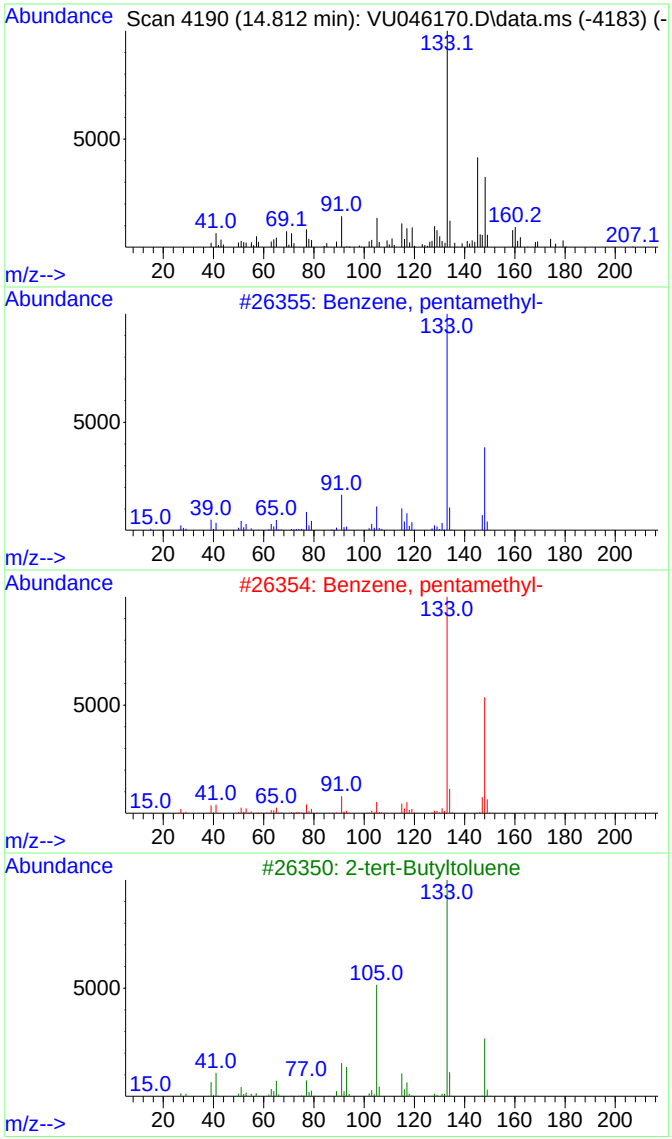
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

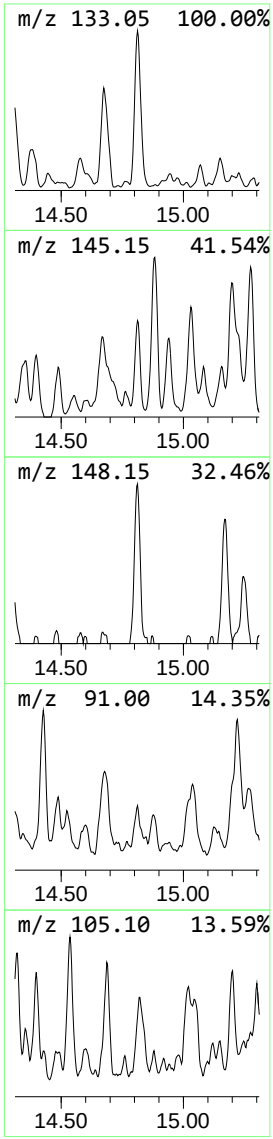
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, pentamethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.812	2.85 ug/L	47453	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	55
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	55
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

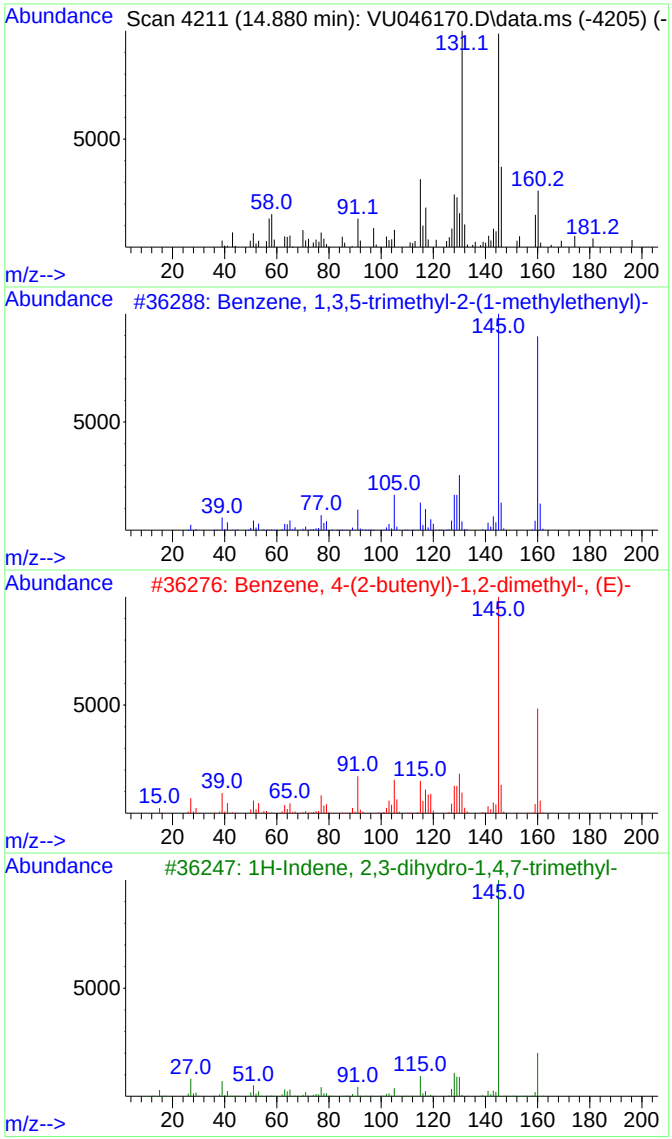
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

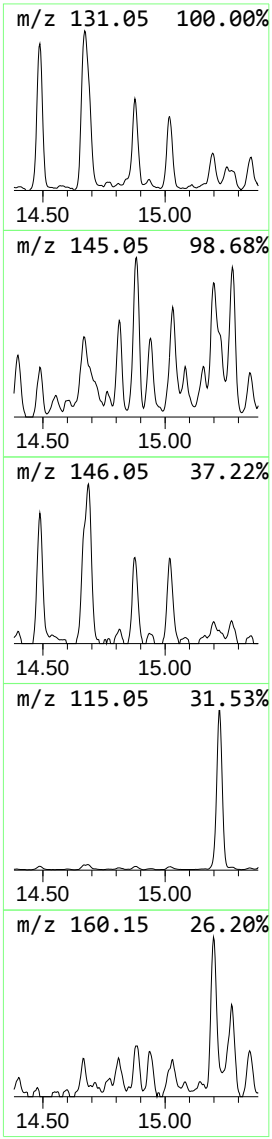
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	3.46 ug/L	57483	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
3	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	46
4	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	46
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

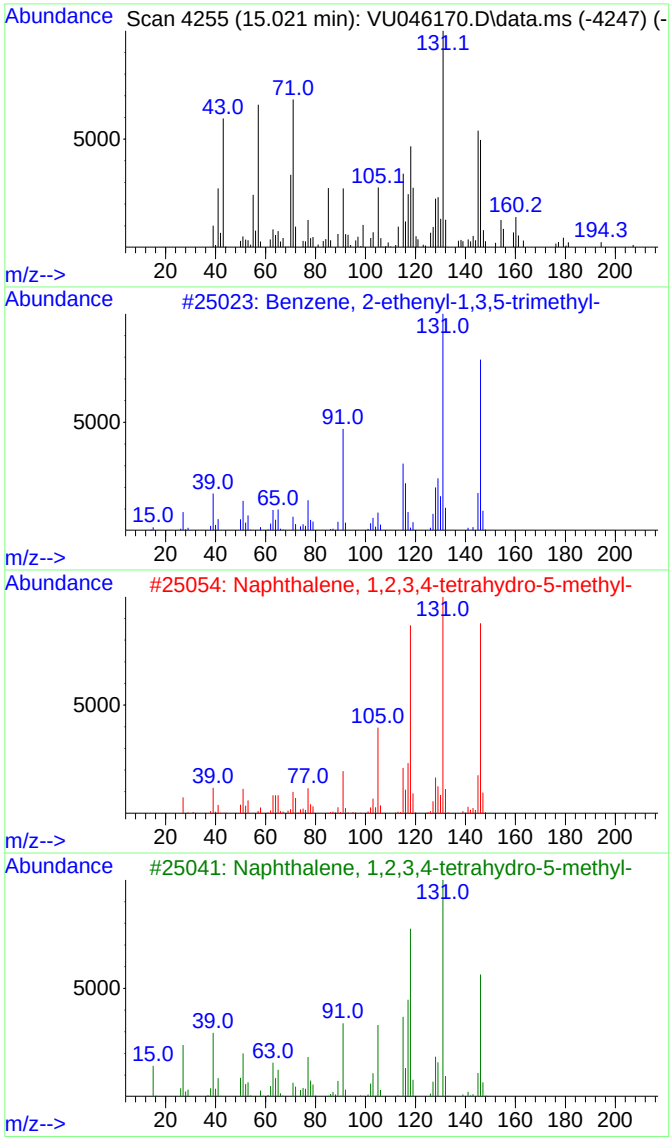
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

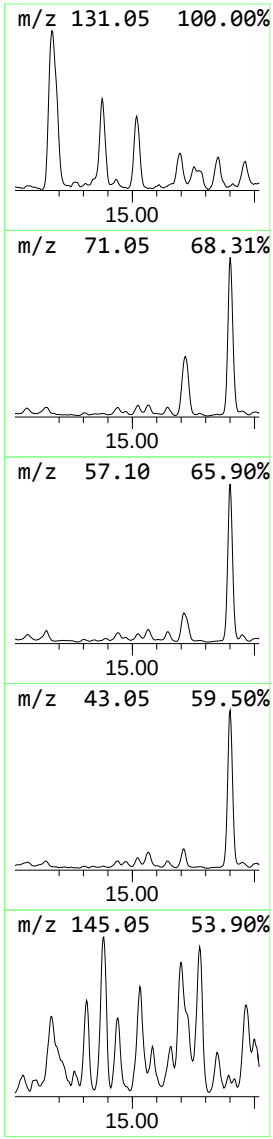
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	6.15 ug/L	102186	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
4	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	45
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

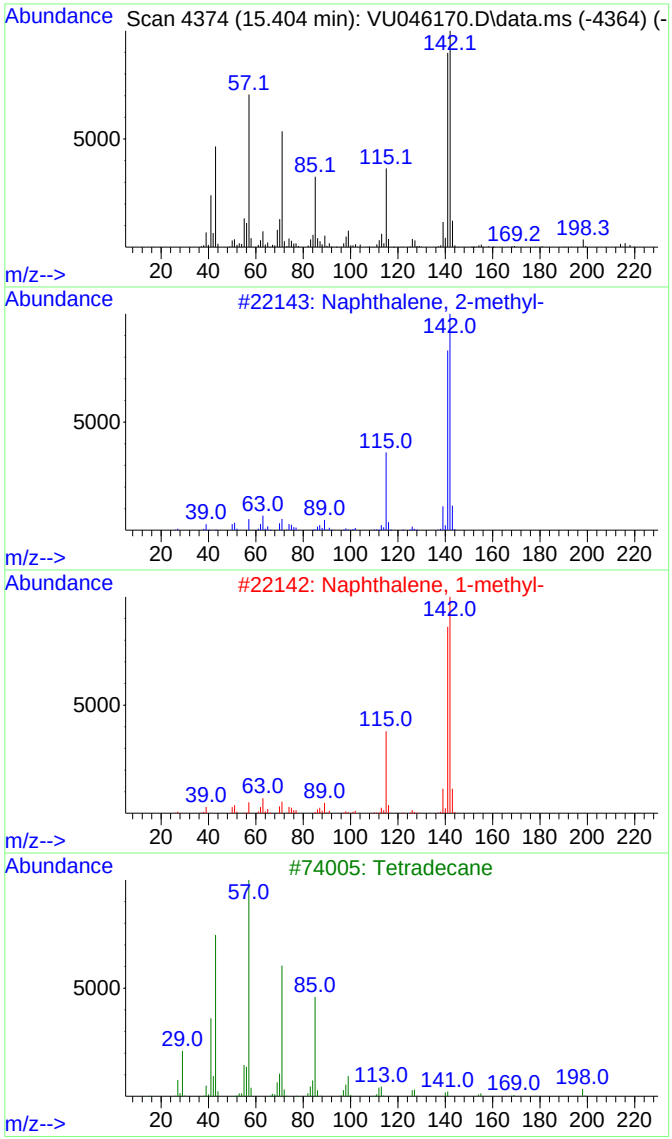
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

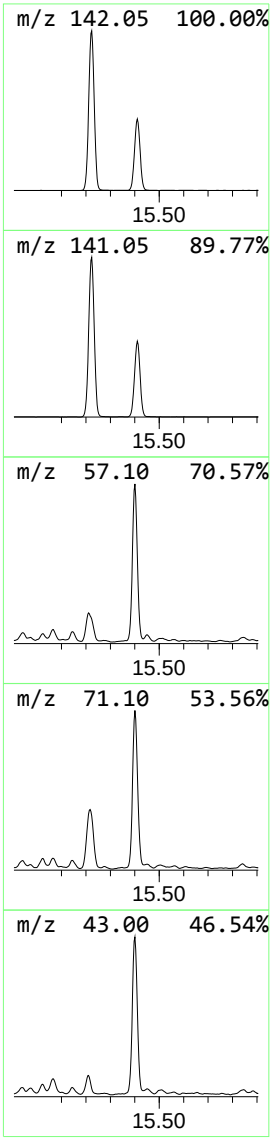
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	74.88 ug/L	1245070	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	Tetradecane	198	C14H30	000629-59-4	90
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	83
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

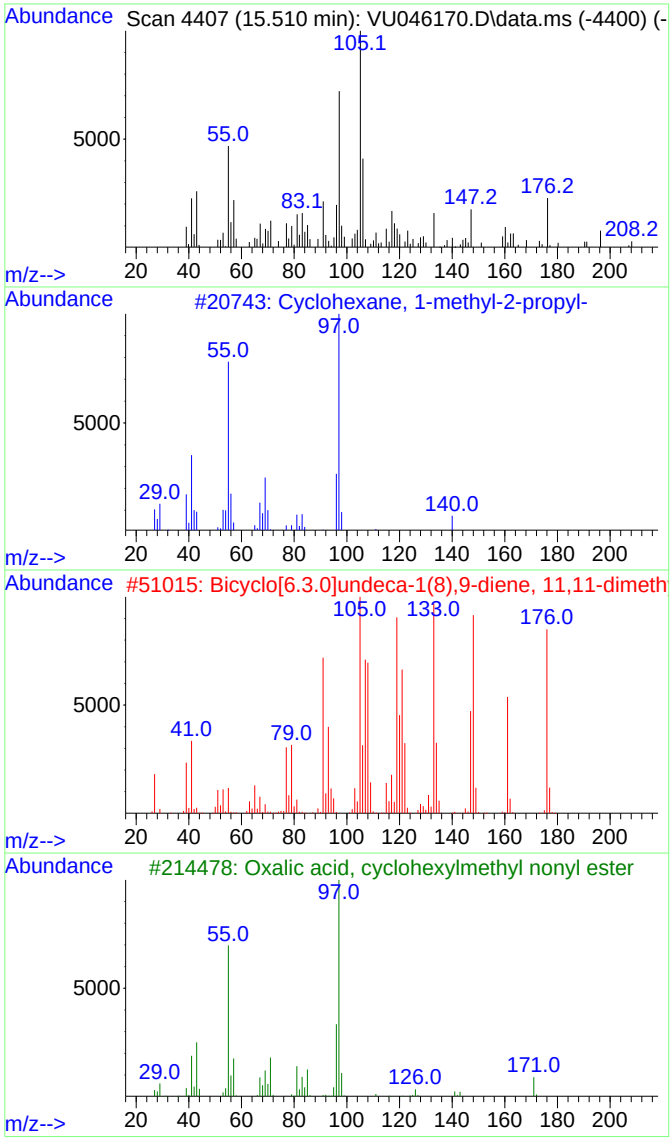
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

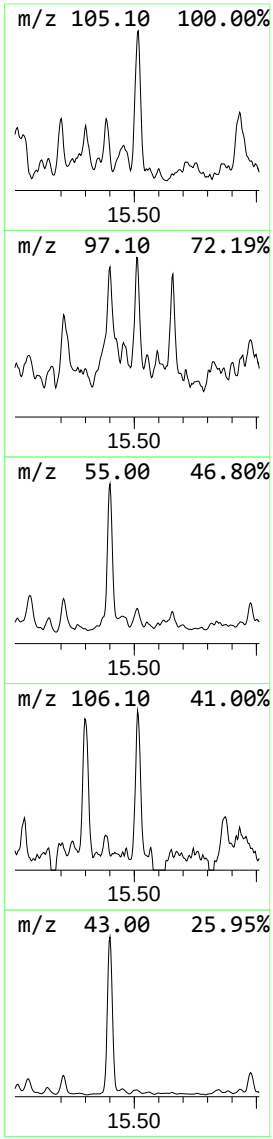
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Cyclic15.510 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	3.51 ug/L	58387	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38
2	Bicyclo[6.3.0]undeca-1(8),9-dien...	176	C13H20	1000163-44-3	30
3	Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	25
4	4,7-Ethanopyrazolo[1,5-a]pyridin...	176	C11H16N2	1000221-84-8	25
5	Cyclopentene, 3,5-dimethoxy-	128	C7H12O2	089897-05-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

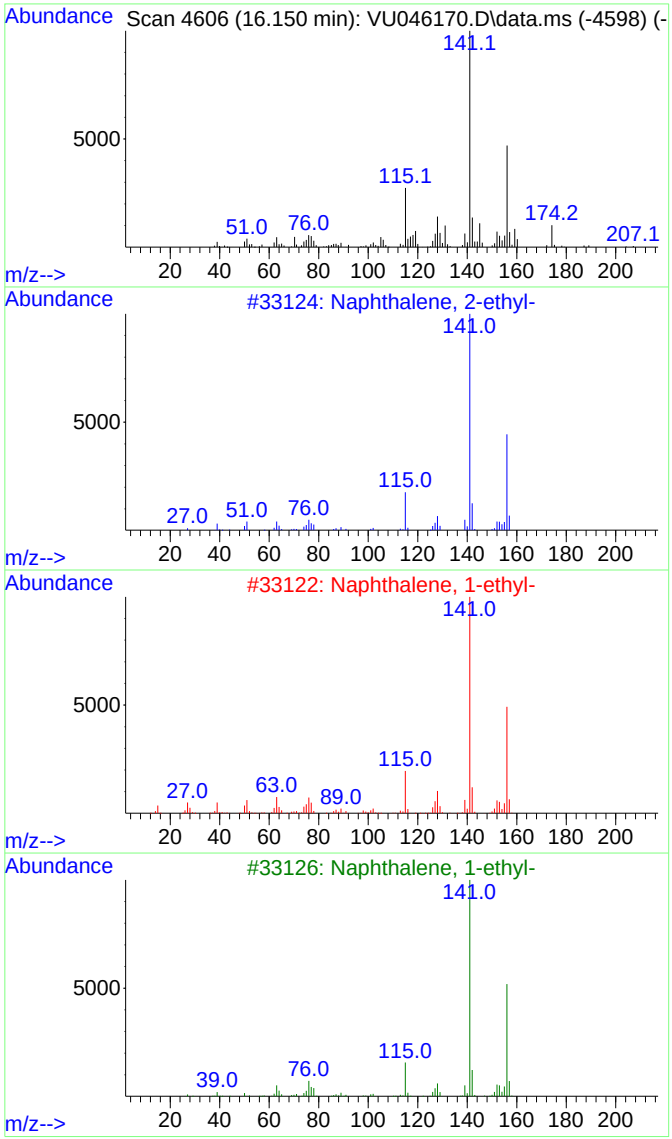
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

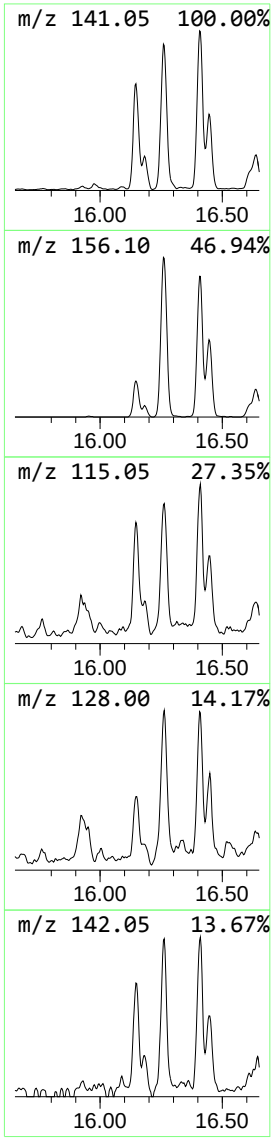
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Naphthalene, 2-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.150	5.89 ug/L	97923	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	92
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	92
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

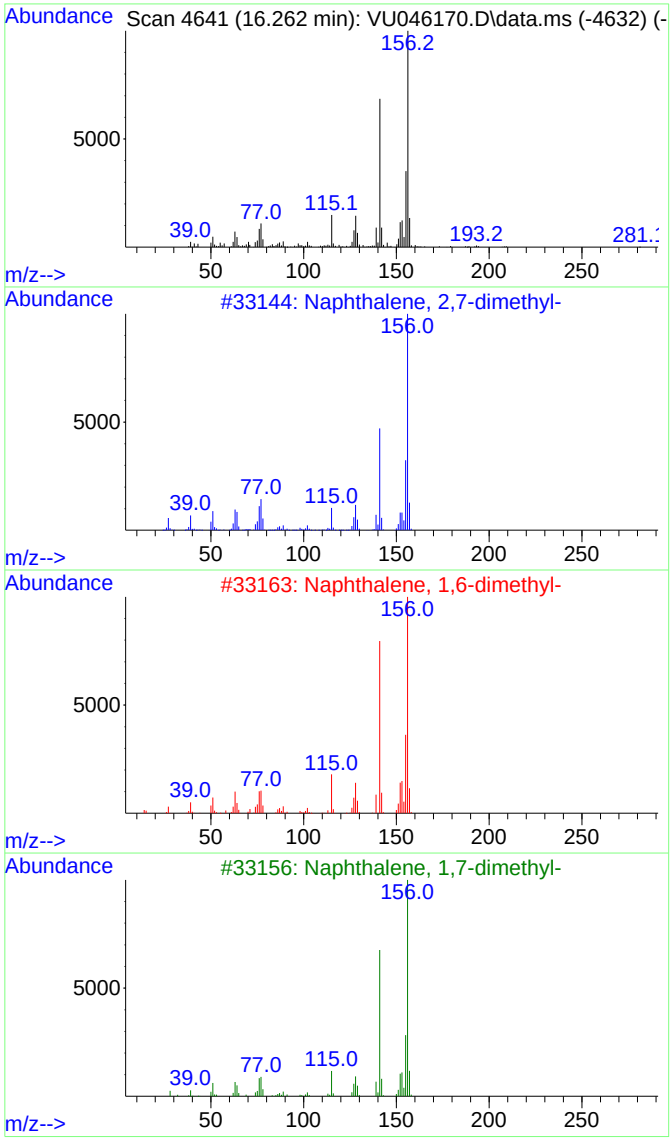
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

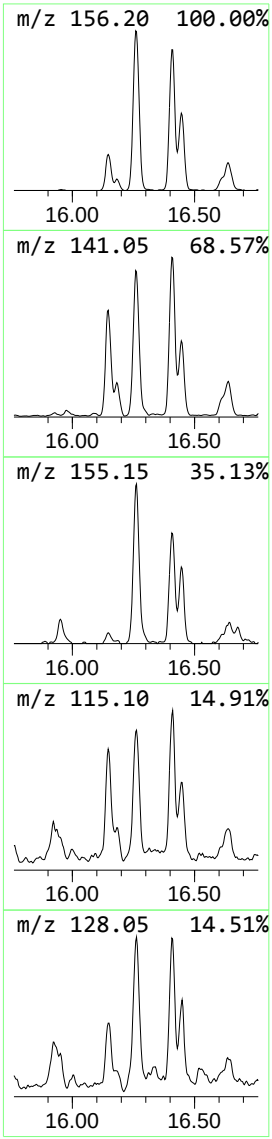
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	14.80 ug/L	246042	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

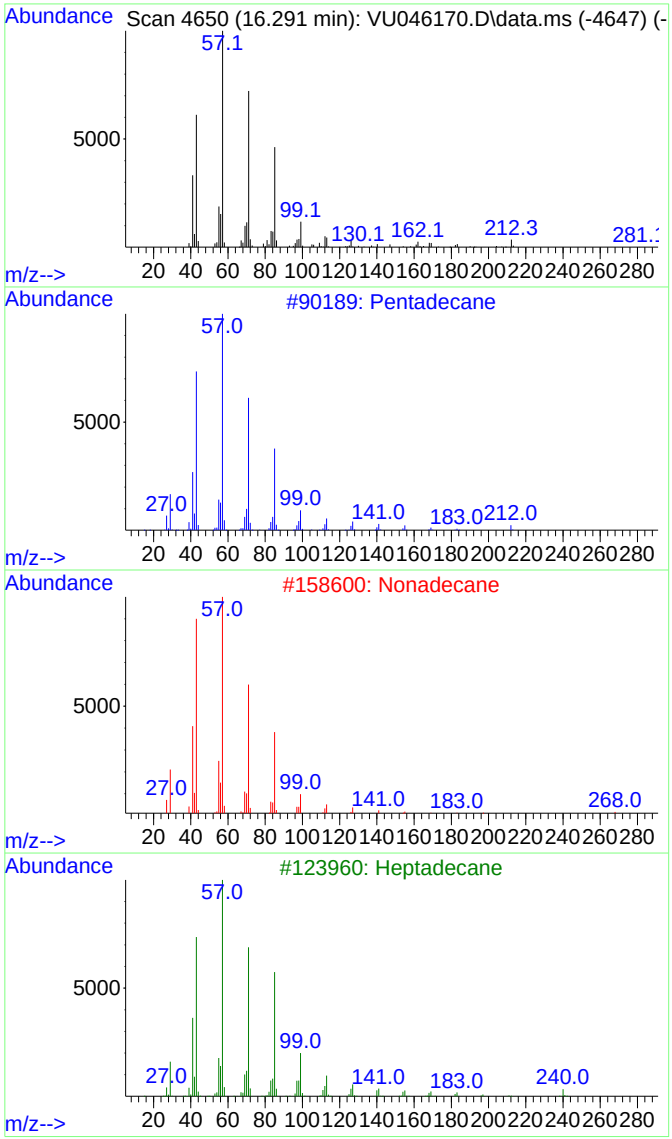
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

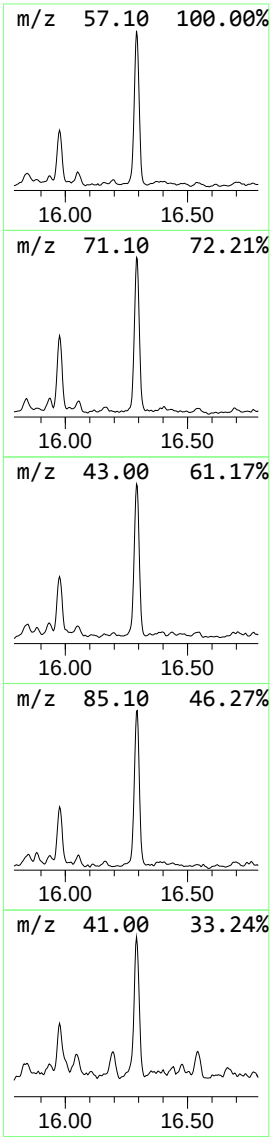
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.291	9.83 ug/L	163437	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Hexadecane	226	C16H34	000544-76-3	78
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

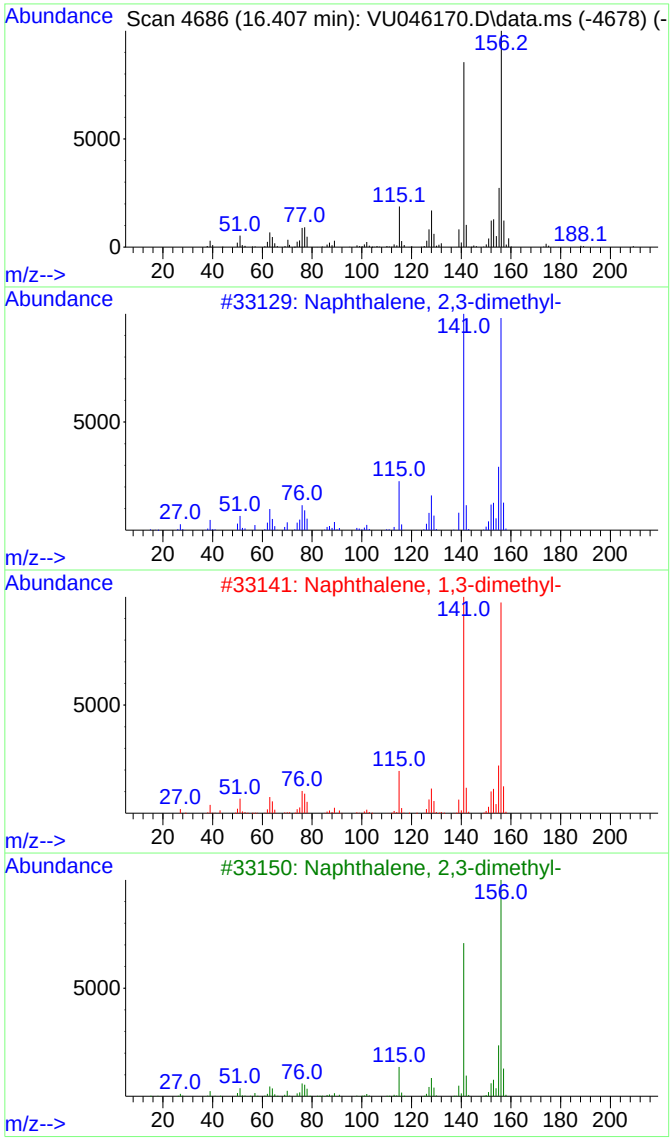
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

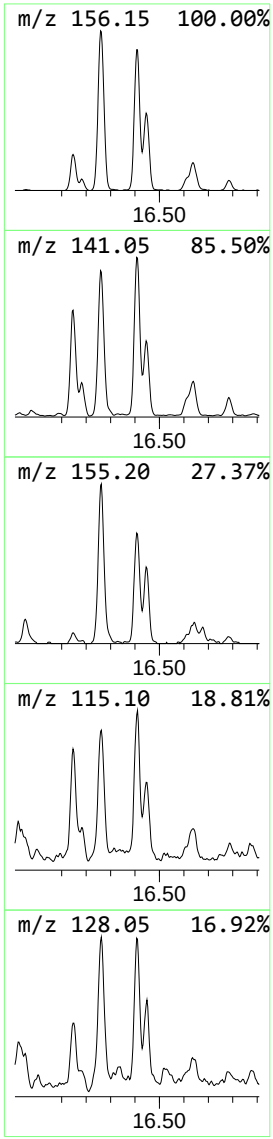
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	12.54 ug/L	208482	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

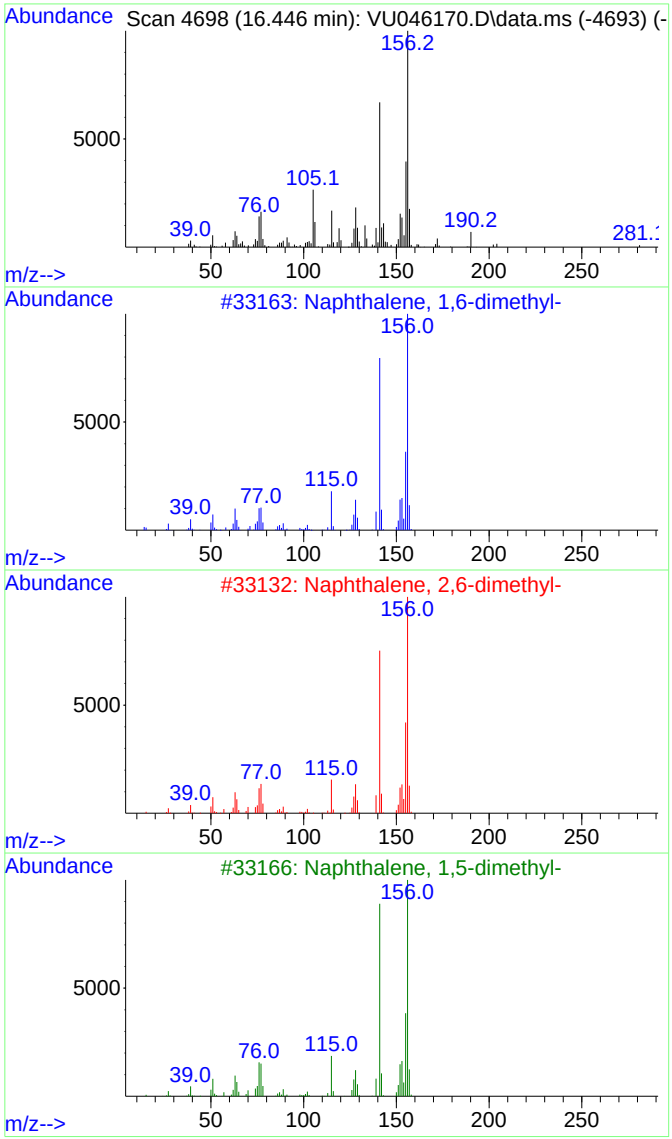
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

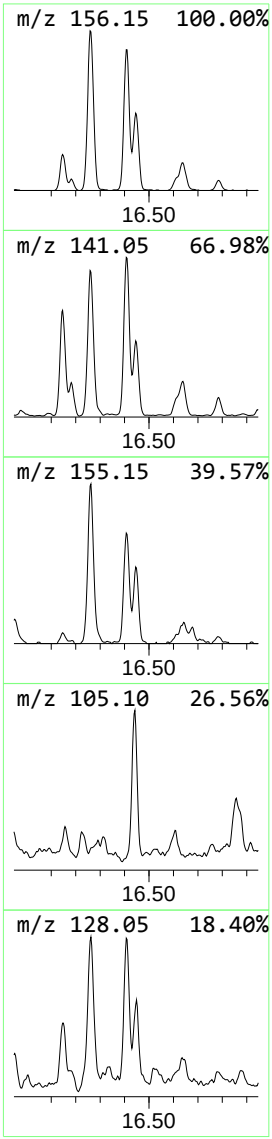
****

Peak Number 50 Naphthalene, 1,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.446	9.58 ug/L	159342	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

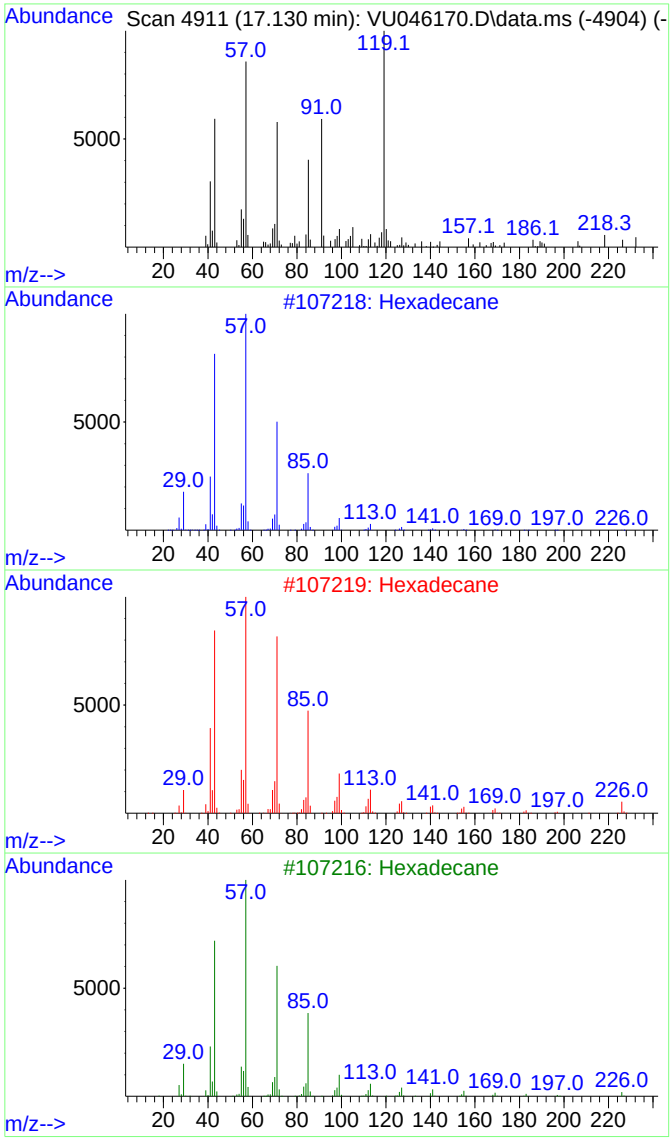
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

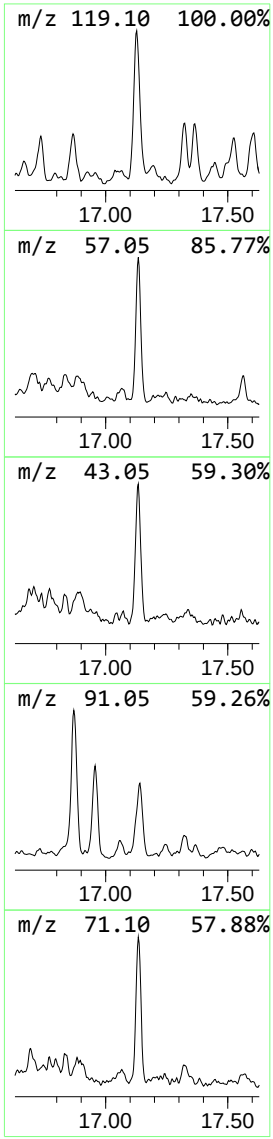
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.130	4.96 ug/L	82526	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	81
3	Hexadecane	226	C16H34	000544-76-3	50
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	43
5	Heneicosane	296	C21H44	000629-94-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046170.D
Acq On : 08 Dec 2021 13:00
Operator : SY/MD
Sample : M4960-04
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.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: S...	9.214	5.7	ug/L	88175	2	9.430	779098	50.0
(DEL) Alkane: S...	9.337	5.2	ug/L	81563	2	9.430	779098	50.0
(DEL) Alkane: S...	10.025	7.6	ug/L	118964	2	9.430	779098	50.0
(DEL) Alkane: S...	10.253	11.8	ug/L	184010	2	9.430	779098	50.0
(DEL) Alkane: C...	10.359	7.7	ug/L	119487	2	9.430	779098	50.0
1,5-Cyclooctadiene	10.571	36.5	ug/L	569288	2	9.430	779098	50.0
(DEL) Alkane: S...	10.626	9.2	ug/L	142945	2	9.430	779098	50.0
(DEL) Alkane: S...	10.655	10.0	ug/L	165855	3	11.822	831405	50.0
Benzene, propyl-	10.915	10.4	ug/L	173114	3	11.822	831405	50.0
Benzene, 1-ethy...	11.009	49.4	ug/L	821790	3	11.822	831405	50.0
Benzene, 1-ethy...	11.304	24.0	ug/L	399240	3	11.822	831405	50.0
(DEL) Alkane: S...	11.378	5.2	ug/L	86525	3	11.822	831405	50.0
(DEL) Alkane: S...	11.420	14.9	ug/L	247299	3	11.822	831405	50.0
(DEL) Alkane: S...	11.578	3.8	ug/L	63362	3	11.822	831405	50.0
(DEL) Alkane: C...	11.713	12.5	ug/L	208285	3	11.822	831405	50.0
p-Cymene	11.751	4.6	ug/L	76367	3	11.822	831405	50.0
Benzene, 1-ethy...	11.909	29.6	ug/L	492360	3	11.822	831405	50.0
(DEL) Alkane: S...	12.005	11.6	ug/L	193302	3	11.822	831405	50.0
Tetracyclo[3.3....	12.105	14.3	ug/L	238231	3	11.822	831405	50.0
(DEL) Alkane: S...	12.330	62.7	ug/L	1042590	3	11.822	831405	50.0
Benzene, 1-meth...	12.385	12.3	ug/L	204423	3	11.822	831405	50.0
Benzene, 2-ethy...	12.471	9.0	ug/L	149266	3	11.822	831405	50.0
Benzene, 2-ethy...	12.574	7.7	ug/L	128098	3	11.822	831405	50.0
(DEL) Alkane: S...	12.671	4.2	ug/L	68926	3	11.822	831405	50.0
(DEL) Alkane: C...	12.935	6.5	ug/L	107637	3	11.822	831405	50.0
Benzene, 1,2,4,...	13.034	20.1	ug/L	334137	3	11.822	831405	50.0
(DEL) Alkane: S...	13.137	8.3	ug/L	137868	3	11.822	831405	50.0
1-Phenyl-1-butene	13.291	6.0	ug/L	99763	3	11.822	831405	50.0
2-Butanone, 4-p...	13.356	3.2	ug/L	53154	3	11.822	831405	50.0
(DEL) Alkane: S...	13.433	53.2	ug/L	884525	3	11.822	831405	50.0
(DEL) Alkane: S...	13.587	8.0	ug/L	132888	3	11.822	831405	50.0
Naphthalene, 1,...	13.629	6.0	ug/L	99894	3	11.822	831405	50.0
Benzene, (3-met...	13.735	3.8	ug/L	63435	3	11.822	831405	50.0
Benzene, 1-ethy...	13.970	4.2	ug/L	69407	3	11.822	831405	50.0
Azulene	14.089	219.6	ug/L	3650820	3	11.822	831405	50.0
(DEL) Alkane: S...	14.192	14.9	ug/L	246854	3	11.822	831405	50.0
(DEL) Alkane: S...	14.449	27.2	ug/L	452425	3	11.822	831405	50.0
Benzene, (1,2-d...	14.674	8.7	ug/L	144307	3	11.822	831405	50.0
Benzene, pentam...	14.812	2.9	ug/L	47453	3	11.822	831405	50.0
Benzene, 1,3,5-...	14.880	3.5	ug/L	57483	3	11.822	831405	50.0
Benzene, 2-ethe...	15.021	6.2	ug/L	102186	3	11.822	831405	50.0
(DEL) Alkane: S...	15.404	74.9	ug/L	1245070	3	11.822	831405	50.0
(DEL) Alkane: C...	15.510	3.5	ug/L	58387	3	11.822	831405	50.0
Naphthalene, 2-...	16.150	5.9	ug/L	97923	3	11.822	831405	50.0
Naphthalene, 2,...	16.262	14.8	ug/L	246042	3	11.822	831405	50.0
(DEL) Alkane: S...	16.291	9.8	ug/L	163437	3	11.822	831405	50.0
Naphthalene, 2,...	16.407	12.5	ug/L	208482	3	11.822	831405	50.0
Naphthalene, 1,...	16.446	9.6	ug/L	159342	3	11.822	831405	50.0
(DEL) Alkane: S...	17.130	5.0	ug/L	82526	3	11.822	831405	50.0