LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

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: VU046063.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	71	81	93	rBV	105505	120321	0.47%	0.086%
2	1.916	171	179	192	rVB	78729	100913	0.40%	0.072%
3	2.568	366	382	397	rBV	173713	293433	1.15%	0.209%
4	2.668	398	413	473	rVB2	27261	135060	0.53%	0.096%
5	4.668	1010	1035	1079	rBV	1355234	3283834	12.86%	2.336%
6	5.067	1143	1159	1180	rBV	147088	335550	1.31%	0.239%
7	5.729	1343	1365	1372	rBV2	314581	845747	3.31%	0.602%
8	5.777	1372	1380	1401	rVB	430489	891398	3.49%	0.634%
9	6.250	1513	1527	1549	rBV	298441	564333	2.21%	0.401%
10	6.543	1589	1618	1635	rBV	574221	1123742	4.40%	0.799%
11	6.694	1651	1665	1679	rBV	192733	373333	1.46%	0.266%
12	7.568	1924	1937	1950	rVB	109365	197126	0.77%	0.140%
13	7.793	1990	2007	2018	rBV	63656	118917	0.47%	0.085%
14	7.899	2029	2040	2050	rVV	404011	703577	2.75%	0.501%
15	7.970	2050	2062	2099	rVV	2182707	3820958	14.96%	2.718%
16	8.131	2103	2112	2119	rVV2	41754	66817	0.26%	0.048%
17	8.179	2119	2127	2138	rVV	77833	127814	0.50%	0.091%
18	8.555	2231	2244	2257	rVB	200902	347449	1.36%	0.247%
19	8.636	2257	2269	2297	rBV	327611	615730	2.41%	0.438%
20	8.790	2311	2317	2333	rVB6	56564	104861	0.41%	0.075%
21	9.169	2427	2435	2441	rVV3	53502	98086	0.38%	0.070%
22	9.214	2441	2449	2461	rVB2	153276	257914	1.01%	0.183%
23	9.337	2476	2487	2502	rBV	129661	246111	0.96%	0.175%
24	9.417	2502	2512	2538	rVB2	428334	920194	3.60%	0.655%
25	9.571	2547	2560	2575	rBV	1677250	2716156	10.63%	1.932%
26	9.694	2584	2598	2609	rBV	5305132	8757887	34.29%	6.231%
27	9.745	2609	2614	2619	rVV	526725	785054	3.07%	0.559%
28	9.777	2620	2624	2644	rVB	481961	689849	2.70%	0.491%
29	9.906	2645	2664	2675	rBV5	71263	172072	0.67%	0.122%
30	10.022	2689	2700	2712	rBV5	140945	320223	1.25%	0.228%
31	10.105	2713	2726	2742	rVV3	2309721	4241178	16.60%	3.017%
32	10.250	2754	2771	2785	rBV4	241296	573677	2.25%	0.408%
33	10.356	2795	2804	2812	rBV3	177984	316923	1.24%	0.225%
34	10.485	2829	2844	2854	rBV	731182	1206489	4.72%	0.858%
35	10.558	2854	2867	2875	rVV5	174503	357641	1.40%	0.254%
36	10.626	2876	2888	2892	rVV2	248961	483742	1.89%	0.344%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

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	10.655	2892	2897	2914	rVB2	269044	455736	1.78%	0.324%
38	10.758	2920	2929	2939	rBV	523159	823743	3.23%	0.586%
39	10.906	2967	2975	2984	rBV	232165	346719	1.36%	0.247%
40	10.999	2986	3004	3019	rVV2	1122873	2644974	10.36%	1.882%
41	11.115	3020	3040	3055	rVB4	1592184	3909759	15.31%	2.782%
42	11.195	3058	3065	3073	rVB8	40289	73399	0.29%	0.052%
43	11.243	3074	3080	3085	rBV2	41306	53965	0.21%	0.038%
44	11.295	3086	3096	3114	rBV	481361	1127000	4.41%	0.802%
45	11.378	3116	3122	3127	rBV3	87581	110357	0.43%	0.079%
46	11.417	3127	3134	3141	rVV	258772	330715	1.29%	0.235%
47	11.468	3141	3150	3174	rVB	2300108	3746692	14.67%	2.666%
48	11.574	3174	3183	3190	rBV2	229917	375608	1.47%	0.267%
49	11.642	3198	3204	3214	rVB5	187839	290344	1.14%	0.207%
50	11.713	3216	3226	3233	rBV3	282961	548107	2.15%	0.390%
51	11.812	3247	3257	3271	rBV3	479982	971158	3.80%	0.691%
52	11.896	3271	3283	3295	rBV	693854	1410837	5.52%	1.004%
53	12.002	3312	3316	3323	rVB4	169678	214762	0.84%	0.153%
54	12.063	3323	3335	3351	rBV	8006898	12824832	50.21%	9.124%
55	12.192	3365	3375	3395	rVB7	915965	2204596	8.63%	1.568%
56	12.330	3406	3418	3427	rVB2	1015225	1603731	6.28%	1.141%
57	12.382	3428	3434	3449	rVB5	192621	398415	1.56%	0.283%
58	12.468	3451	3461	3465	rBV	197793	329488	1.29%	0.234%
59	12.536	3476	3482	3488	rBV2	235557	345205	1.35%	0.246%
60	12.571	3490	3493	3502	rVB	229356	274836	1.08%	0.196%
61	12.774	3550	3556	3561	rBV4	64258	84844	0.33%	0.060%
62	12.838	3564	3576	3583	rVB6	141436	307399	1.20%	0.219%
63	12.928	3594	3604	3610	rBV3	147019	271699	1.06%	0.193%
64	12.973	3611	3618	3626	rVB	335211	498434	1.95%	0.355%
65	13.028	3627	3635	3653	rVB2	359922	786343	3.08%	0.559%
66	13.111	3655	3661	3664	rBV2	57797	73703	0.29%	0.052%
67	13.211	3686	3692	3702	rVB4	88436	149109	0.58%	0.106%
68	13.291	3710	3717	3729	rVB3	149598	256861	1.01%	0.183%
69	13.356	3730	3737	3744	rBV3	60319	82141	0.32%	0.058%
70	13.452	3746	3767	3782	rVV6	365408	1152524	4.51%	0.820%
71	13.652	3815	3829	3846	rVB	973563	1979288	7.75%	1.408%
72	13.735	3848	3855	3862	rBV6	63941	115870	0.45%	0.082%
73	13.783	3864	3870	3877	rBV3	69241	111725	0.44%	0.079%
74	13.841	3881	3888	3892	rBV4	170493	258512	1.01%	0.184%
75	14.095	3953	3967	3983	rVB	15347361	25542173	100.00%	18.172%
76	14.208	3994	4002	4013	rVB	422944	739800	2.90%	0.526%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

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	14.279	4016	4024	4050	rVB	124437	348055	1.36%	0.248%
78	14.423	4062	4069	4076	rBV	430775	567745	2.22%	0.404%
79	14.488	4085	4089	4098	rVB3	90666	118827	0.47%	0.085%
80	14.674	4135	4147	4159	rBV7	203396	498105	1.95%	0.354%
81	14.812	4183	4190	4203	rBV3	91603	182638	0.72%	0.130%
82	14.880	4204	4211	4221	rVB2	127768	212433	0.83%	0.151%
83	15.021	4247	4255	4265	rBV5	87937	204966	0.80%	0.146%
84	15.169	4295	4301	4306	rBV	127711	167415	0.66%	0.119%
85	15.227	4307	4319	4345	rVB	10496468	17207744	67.37%	12.242%
86	15.343	4346	4355	4364	rBV3	207820	354060	1.39%	0.252%
87	15.414	4365	4377	4400	rVB	5032391	8133112	31.84%	5.786%
88	15.954	4530	4545	4556	rBV	1075015	1767789	6.92%	1.258%
89	16.150	4597	4606	4614	rBV	394348	617538	2.42%	0.439%
90	16.262	4628	4641	4661	rBV	869572	1682378	6.59%	1.197%
91	16.410	4677	4687	4693	rBV	883344	1337275	5.24%	0.951%
92	16.449	4694	4699	4717	rVB	492945	743713	2.91%	0.529%
93	16.639	4743	4758	4778	rVB2	205009	533958	2.09%	0.380%
94	16.787	4796	4804	4823	rVB	107911	185258	0.73%	0.132%
95	16.883	4825	4834	4844	rVB3	156184	249607	0.98%	0.178%
96	17.098	4878	4901	4921	rBV2	345667	820544	3.21%	0.584%
97	17.330	4967	4973	4980	rVB	67286	96453	0.38%	0.069%
98	17.378	4981	4988	4990	rVV3	62168	76077	0.30%	0.054%
99	17.407	4992	4997	5011	rVB	148219	235370	0.92%	0.167%
100	17.539	5032	5038	5049	rVB2	48597	80169	0.31%	0.057%

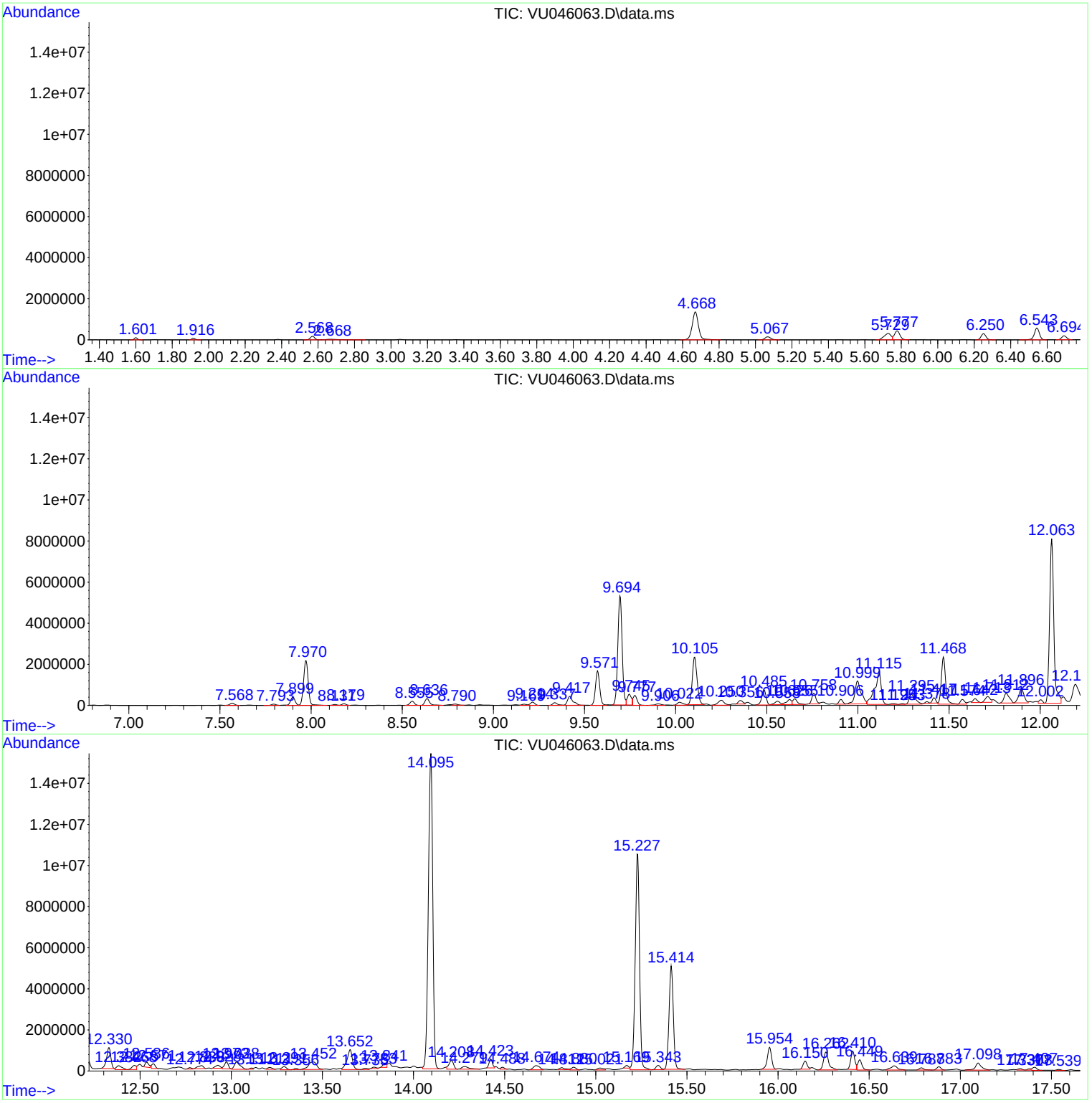
Sum of corrected areas: 140560741

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

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\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

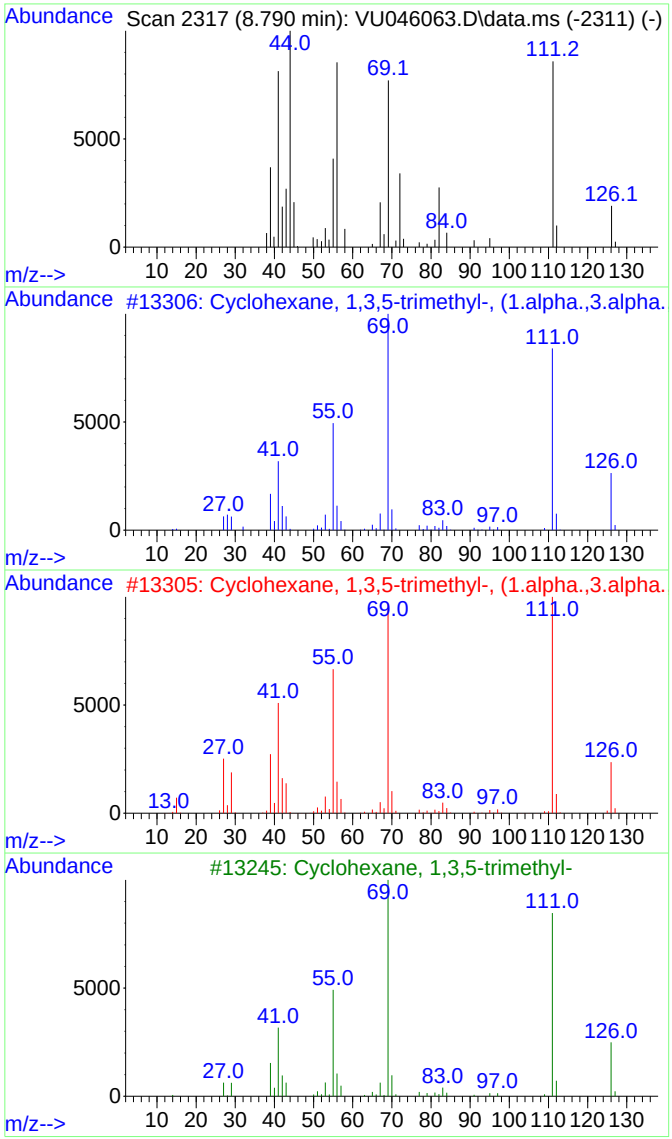
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

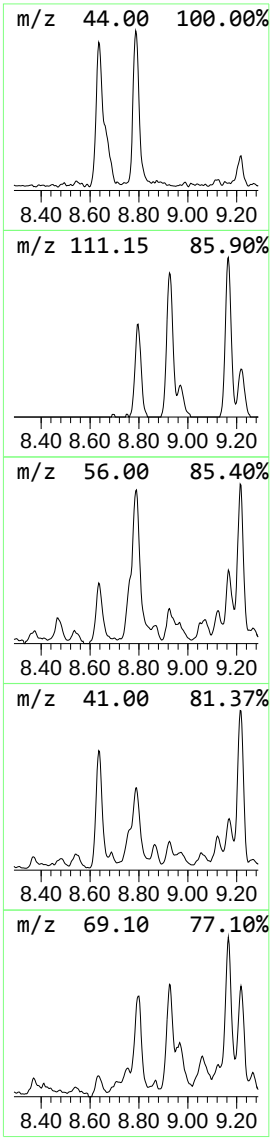
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic8.790 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.790	5.70 ug/L	104861	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	38
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	38
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	38
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	38
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

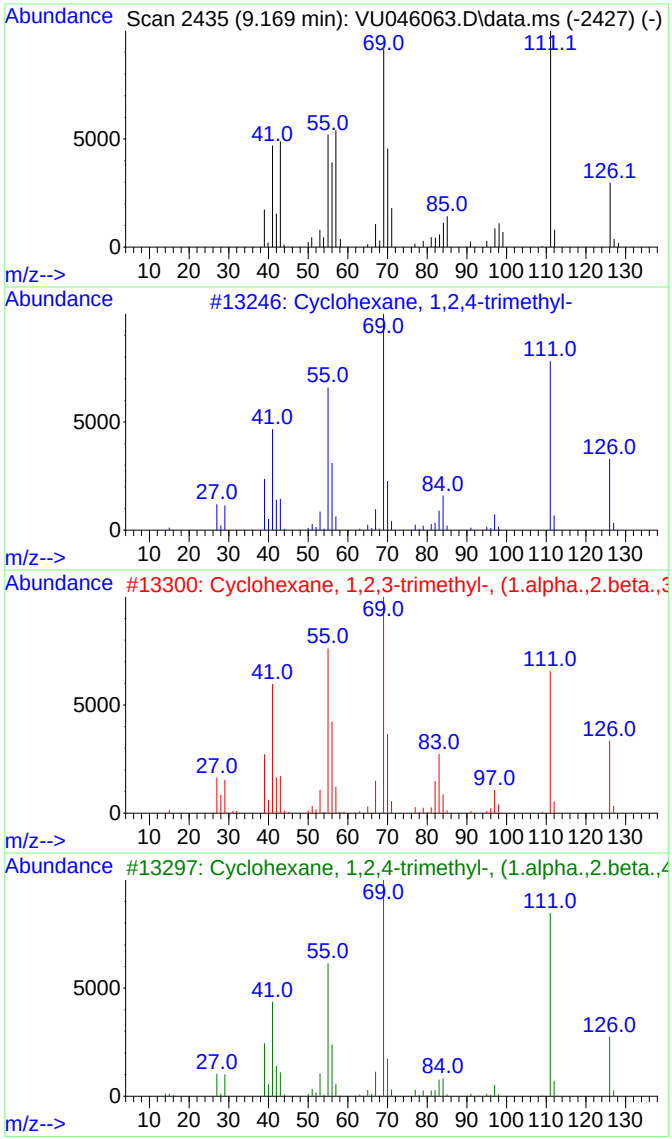
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

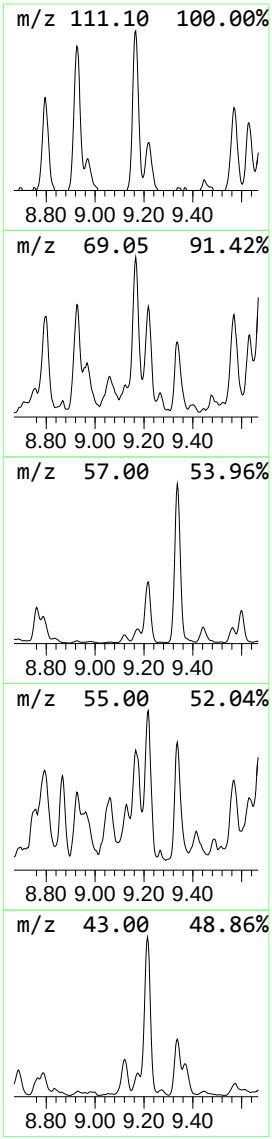
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic9.169 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	5.33 ug/L	98086	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	68
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	68
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	62
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

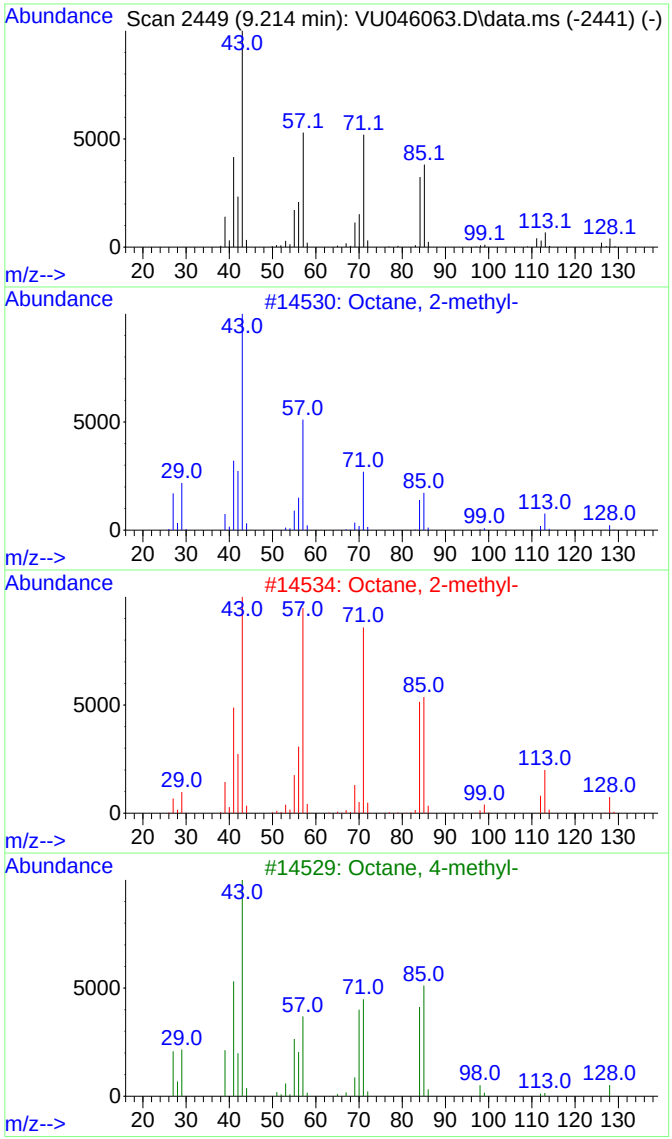
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

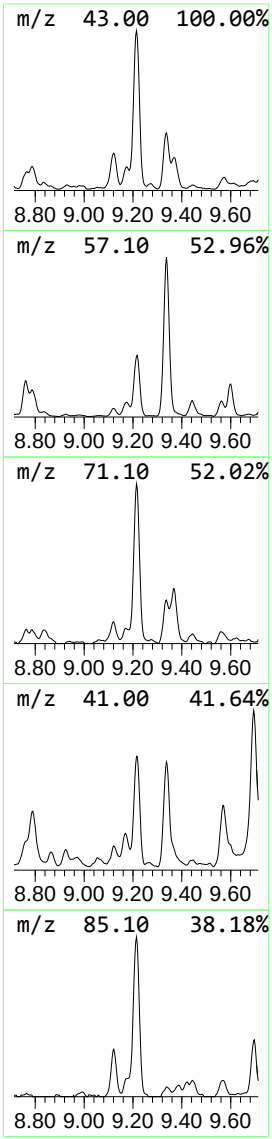
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.214	14.01 ug/L	257914	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	83
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	Octane, 4-methyl-	128	C9H20	002216-34-4	52
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	49
5	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

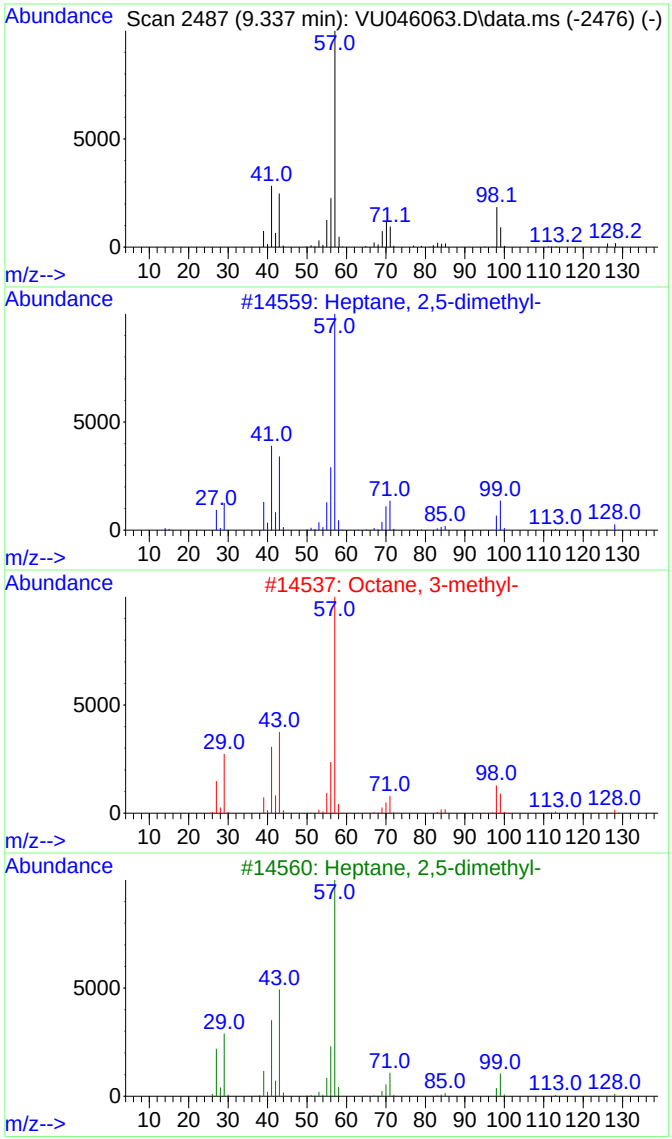
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

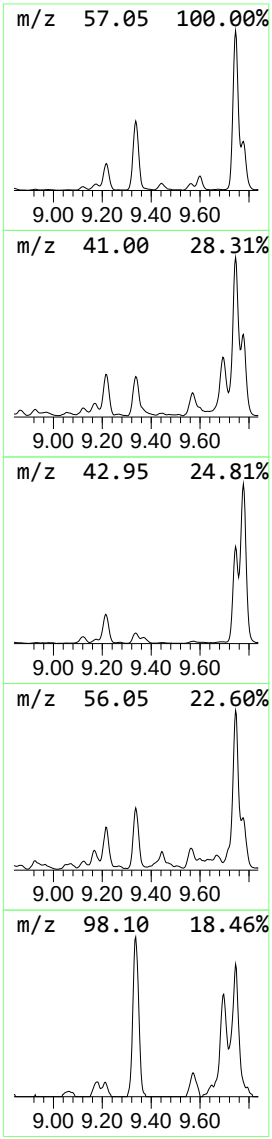
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.337	13.37 ug/L	246111	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2	Octane, 3-methyl-	128	C9H20	002216-33-3	86
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	70
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

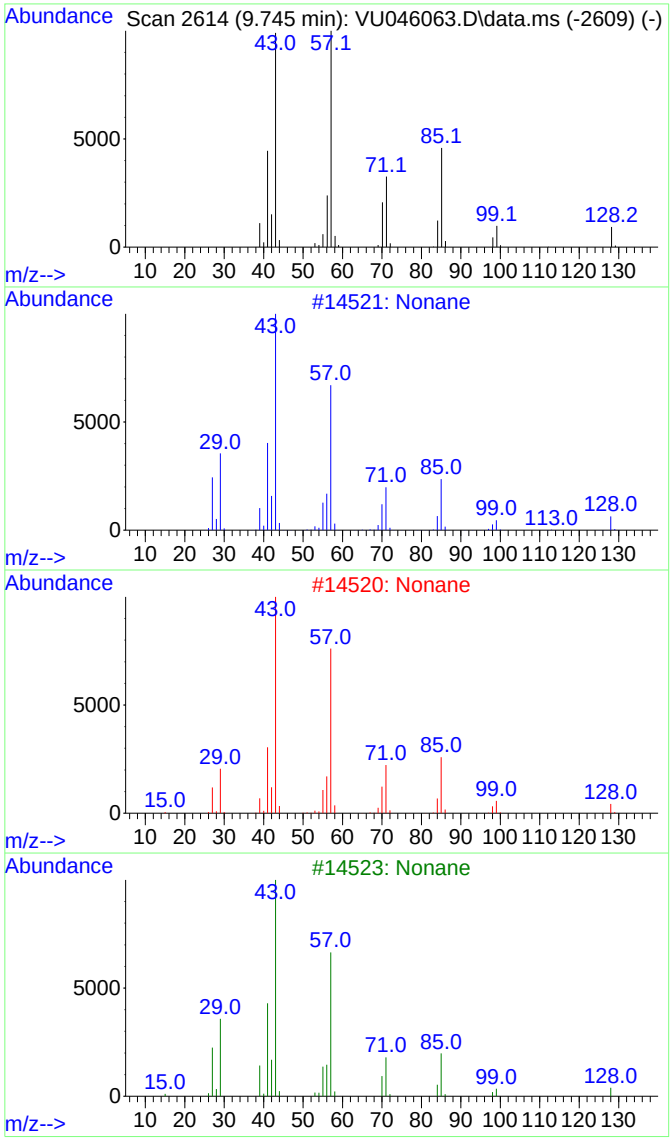
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

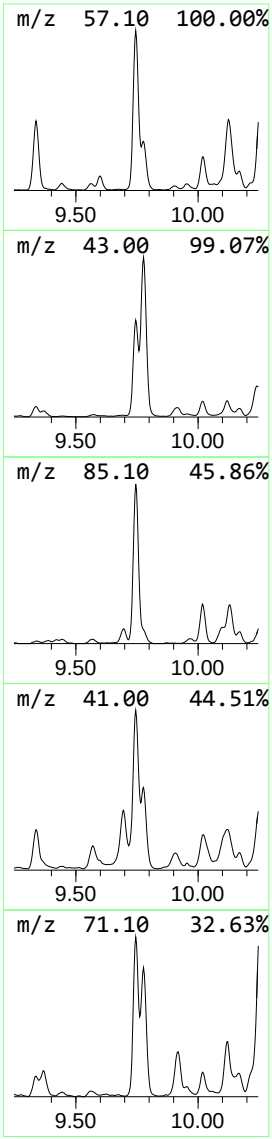
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	42.66 ug/L	785054	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Nonane	128	C9H20	000111-84-2	95
3	Nonane	128	C9H20	000111-84-2	94
4	Nonane	128	C9H20	000111-84-2	91
5	Octane	114	C8H18	000111-65-9	72





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Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

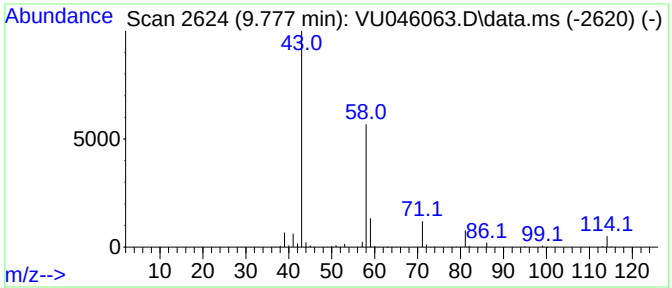
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

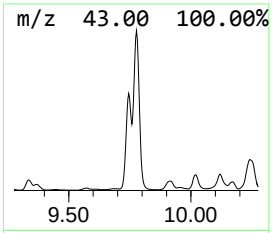
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

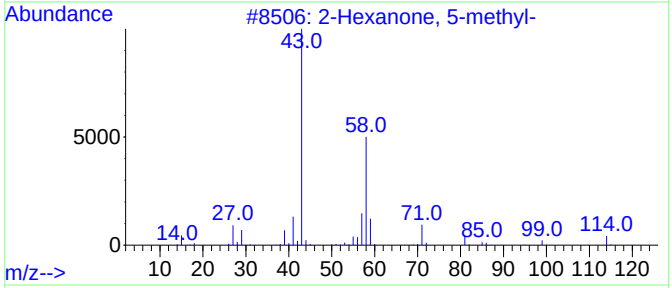
****
Peak Number 7 2-Hexanone, 5-methyl- Concentration Rank 19

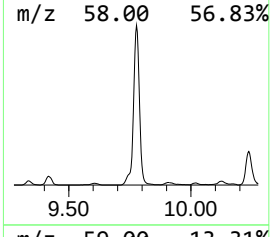
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.777	37.48 ug/L	689849	Chlorobenzene-d5	9.420

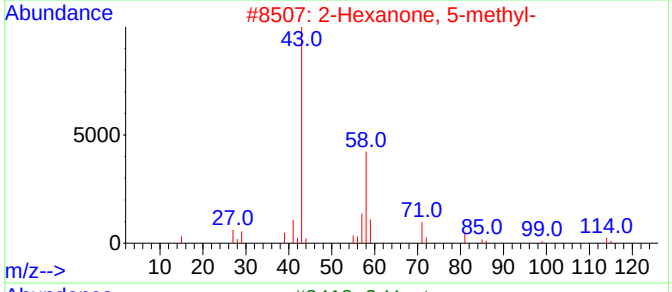
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	90
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	86
3	2-Heptanone	114	C7H14O	000110-43-0	80
4	2-Heptanone	114	C7H14O	000110-43-0	72
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	72

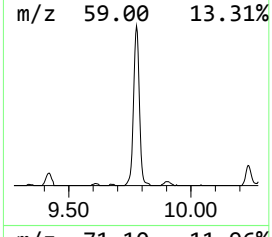


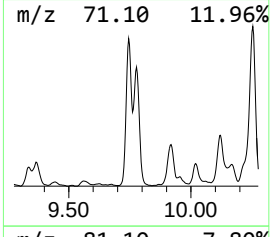


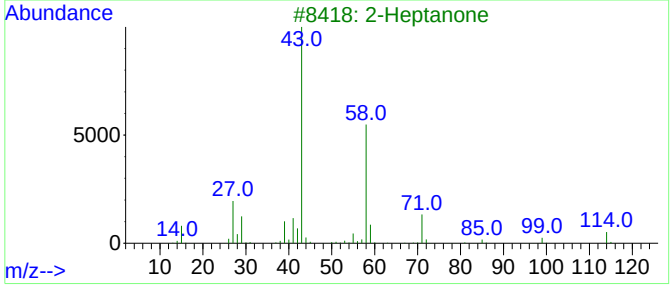


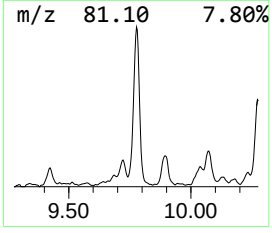












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

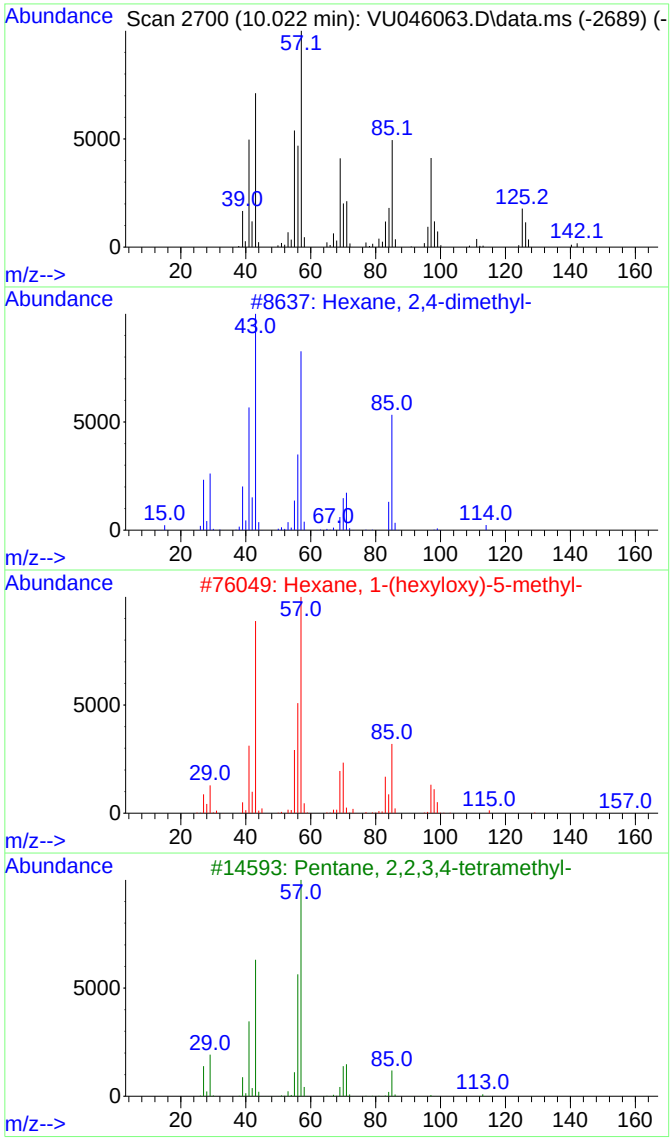
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

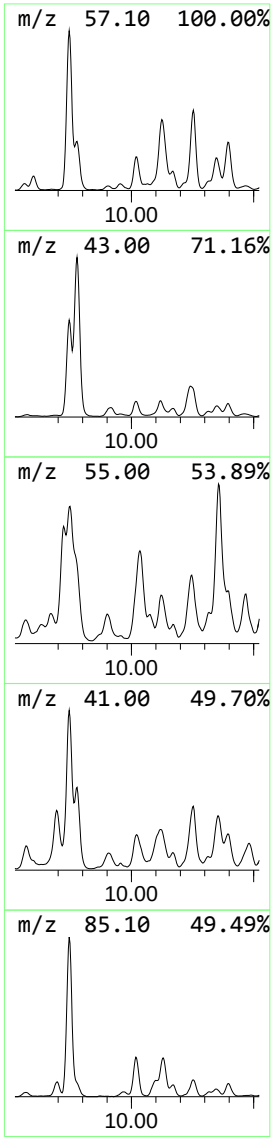
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	17.40 ug/L	320223	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
2	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	38
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	35
5	1-Nonene	126	C9H18	000124-11-8	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

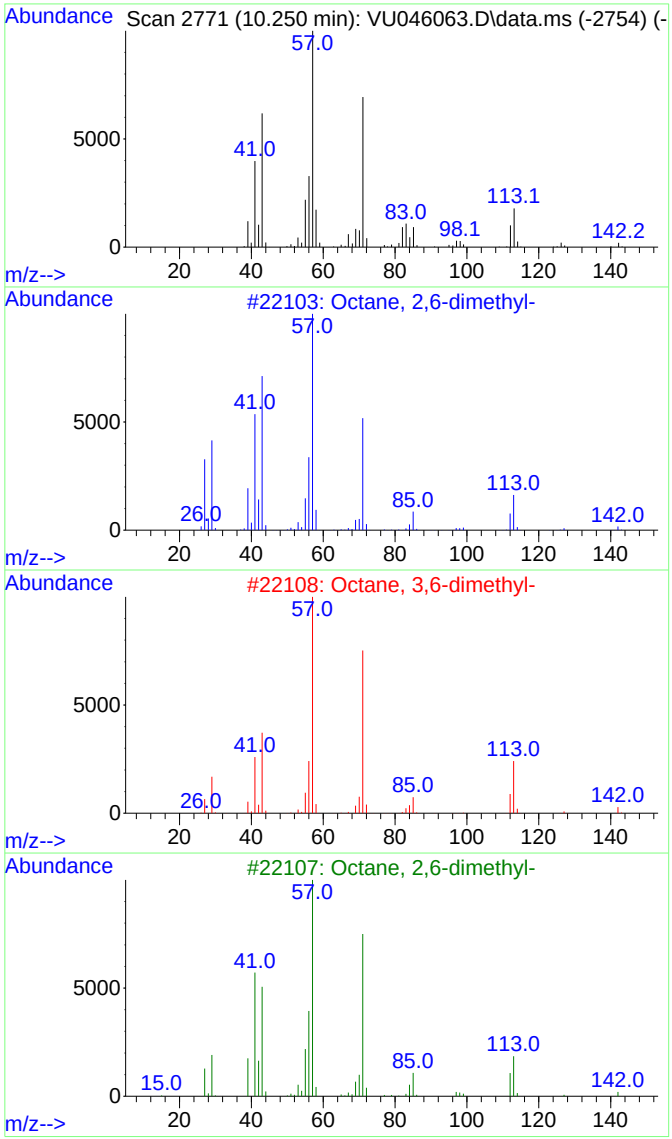
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

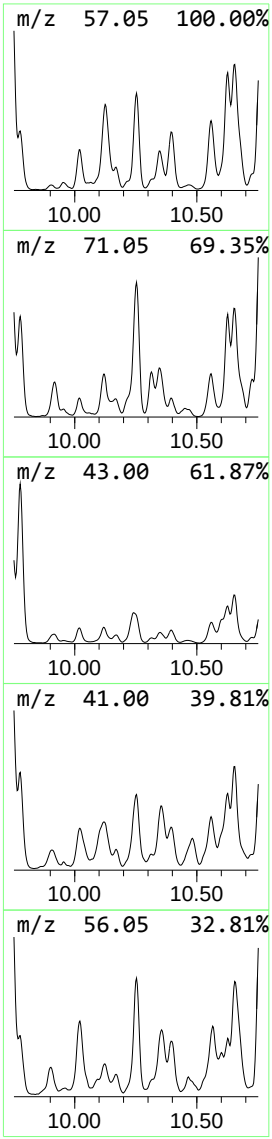
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.250	31.17 ug/L	573677	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

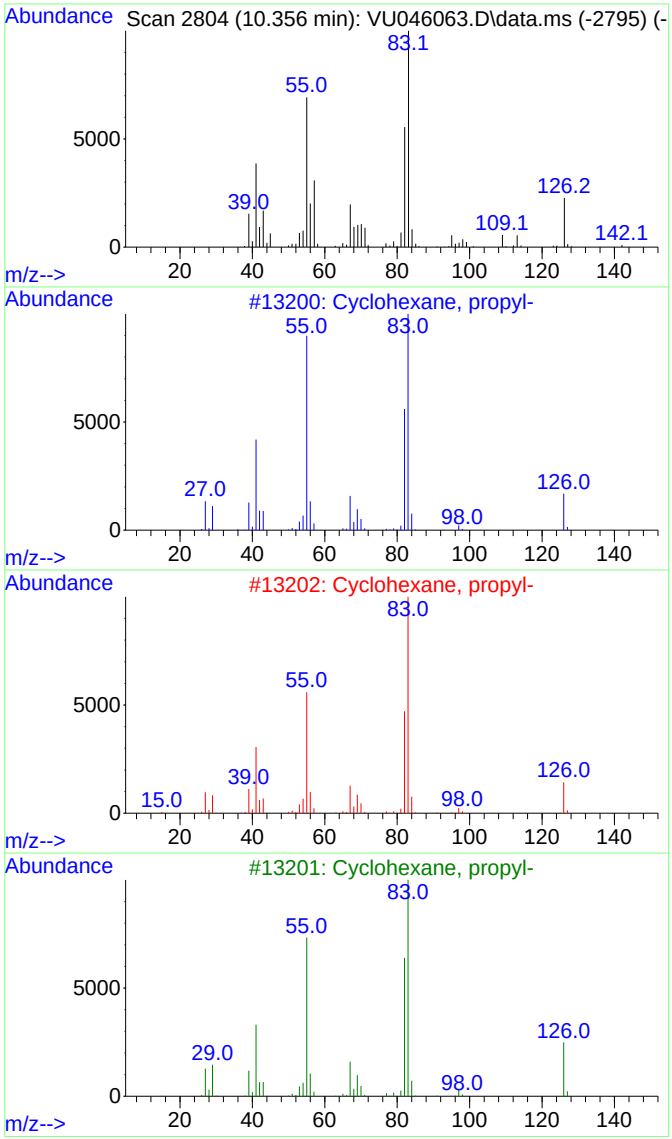
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

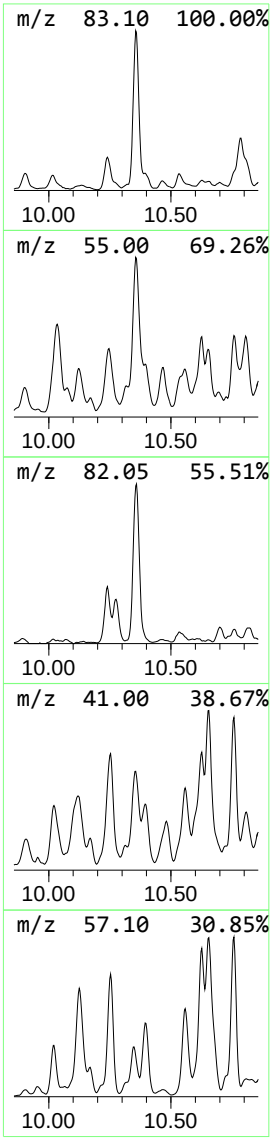
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic10.356 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.356	17.22 ug/L	316923	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

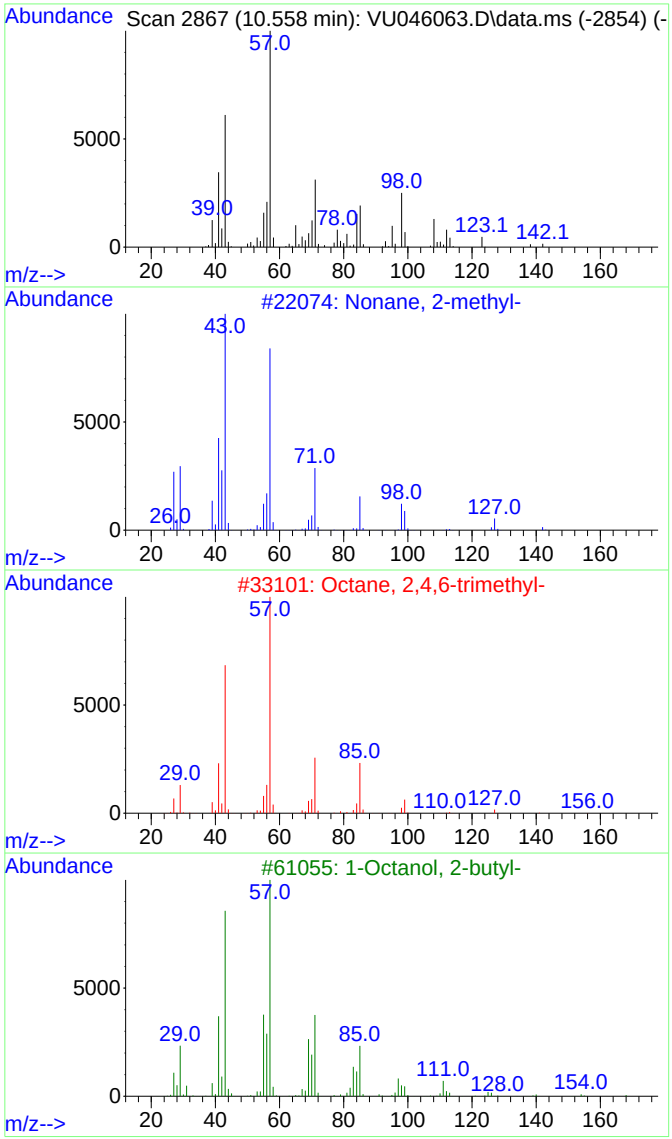
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

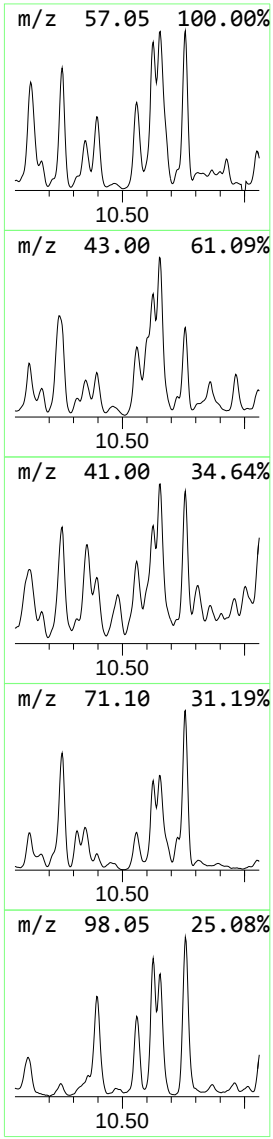
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.559	19.43 ug/L	357641	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	52
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	43
4	Octane	114	C8H18	000111-65-9	38
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

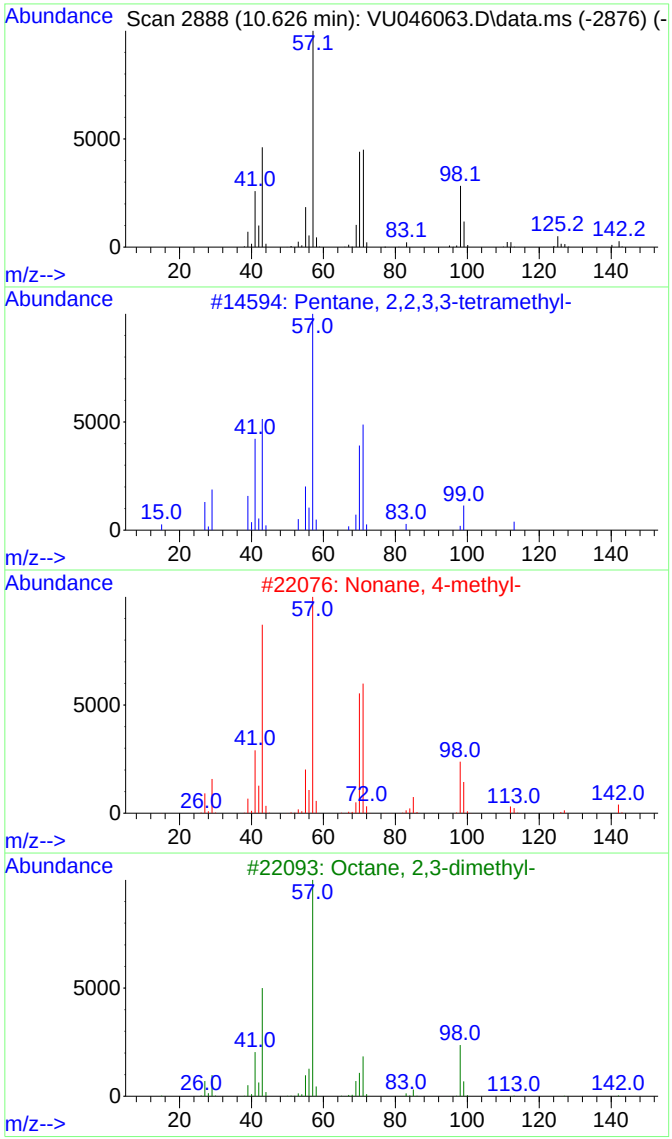
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

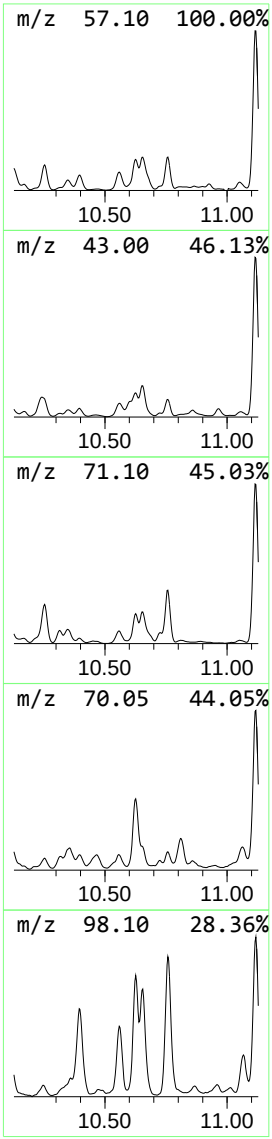
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.626	24.91 ug/L	483742	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	52
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

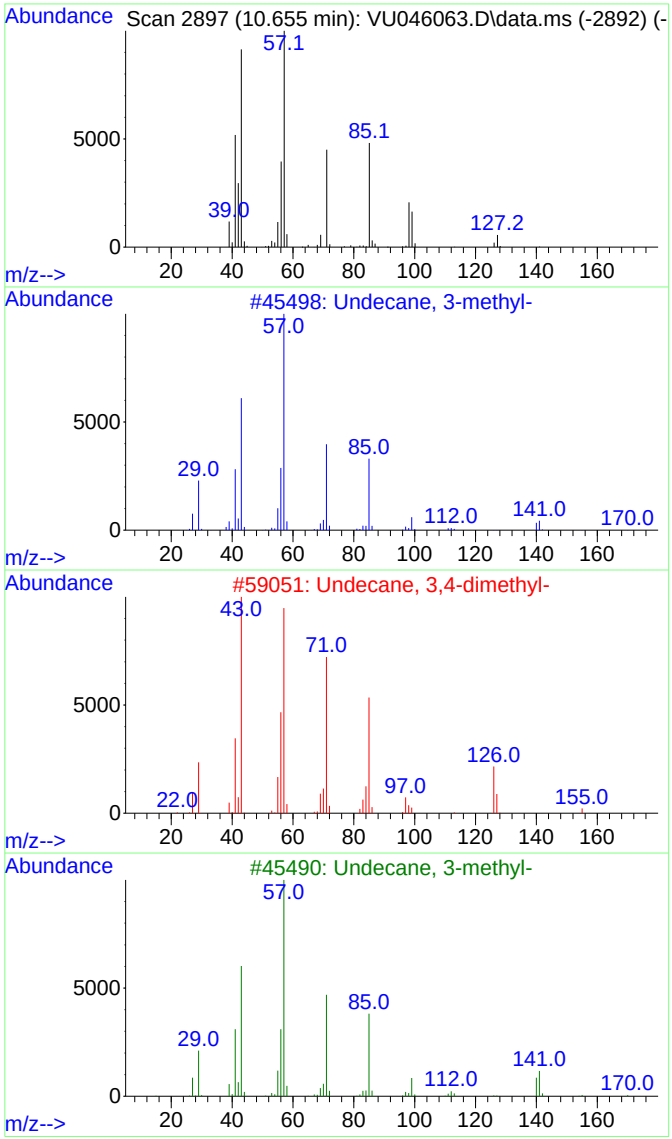
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

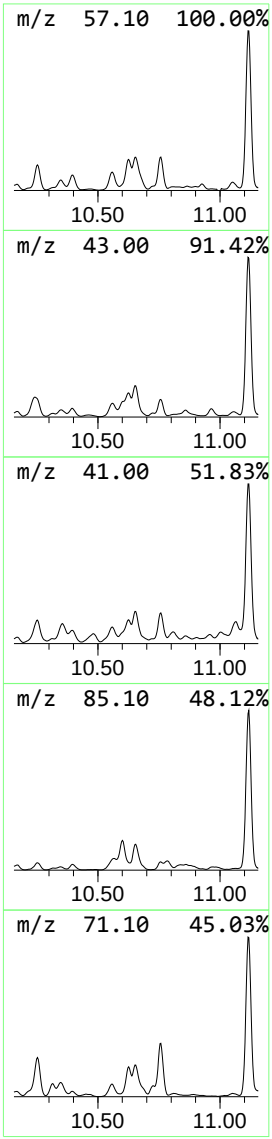
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.655	23.46 ug/L	455736	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	53
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
4	Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	50
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

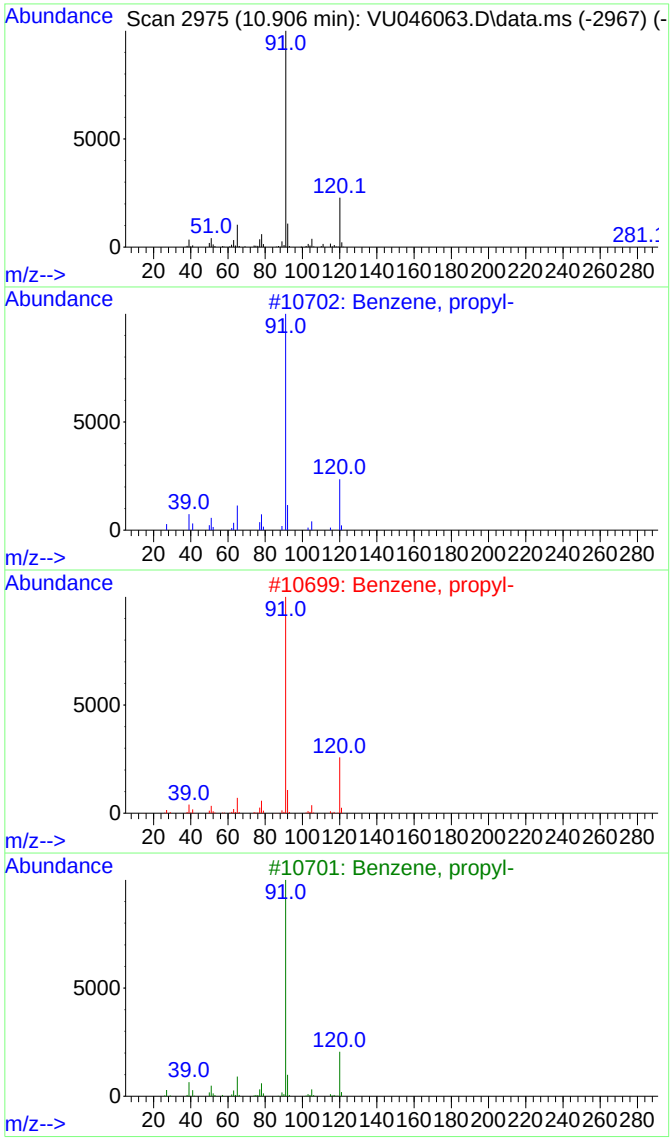
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

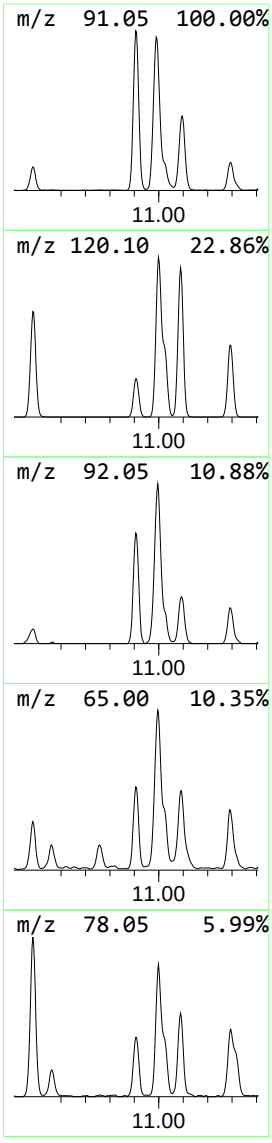
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, propyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	17.85 ug/L	346719	1,4-Dichlorobenzene-d4	11.812

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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

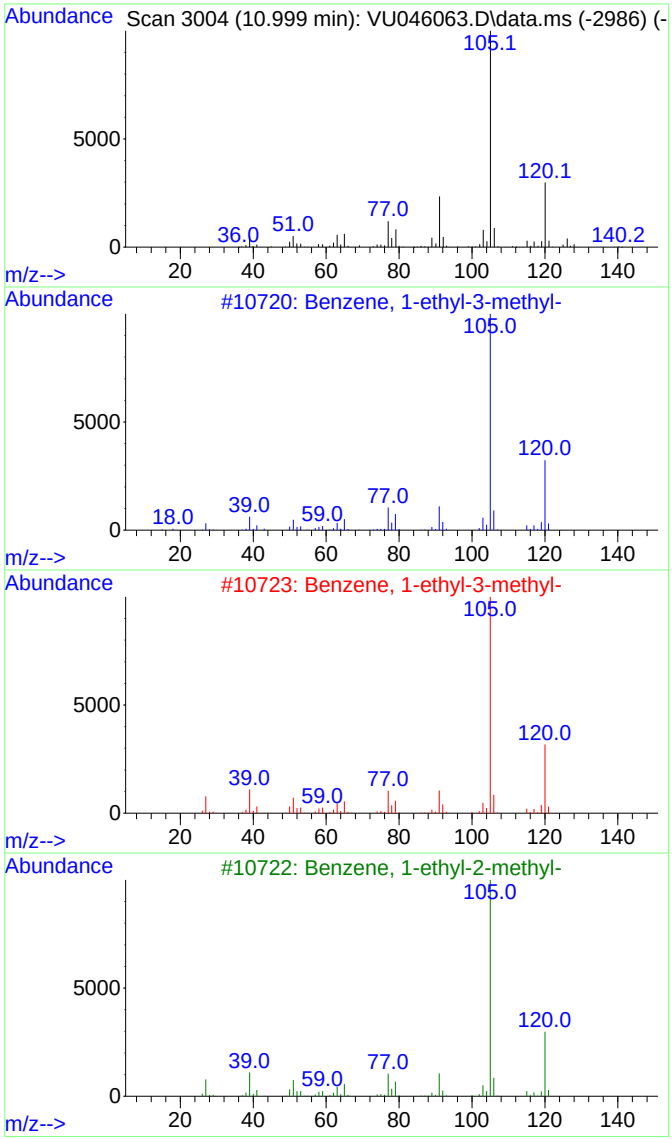
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

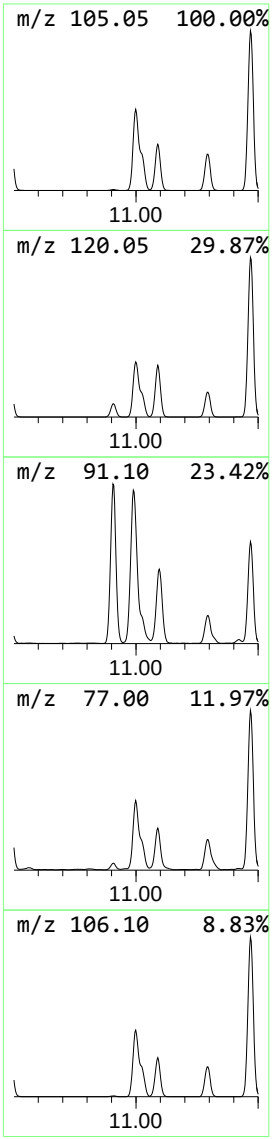
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	136.18 ug/L	2644970	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5	Mesitylene	120	C9H12	000108-67-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

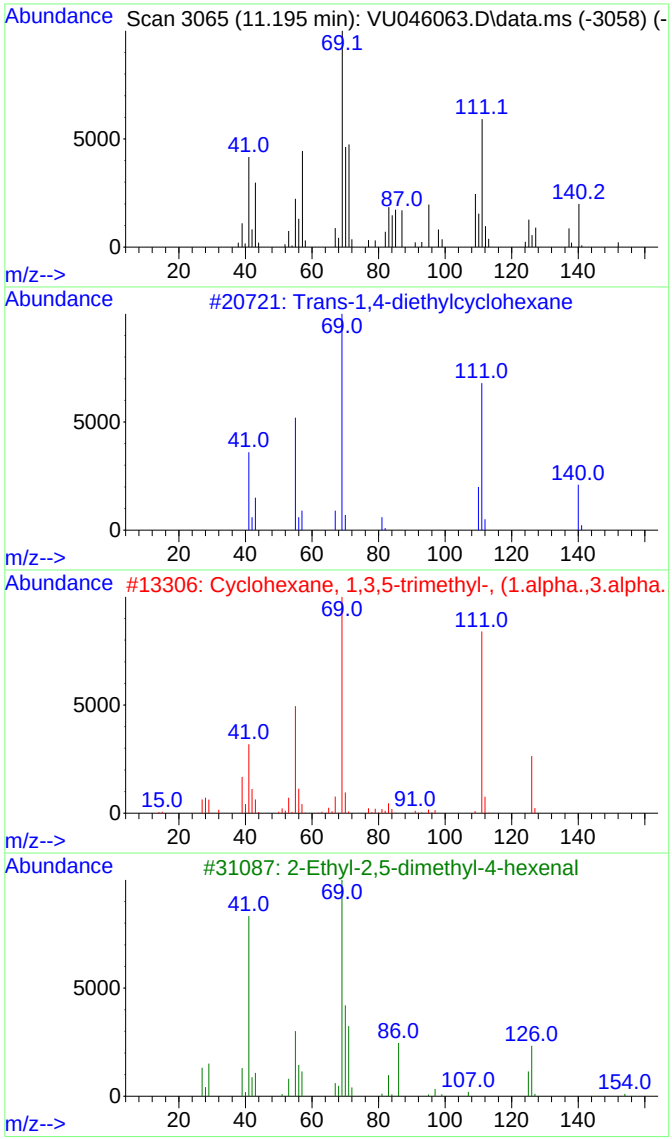
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

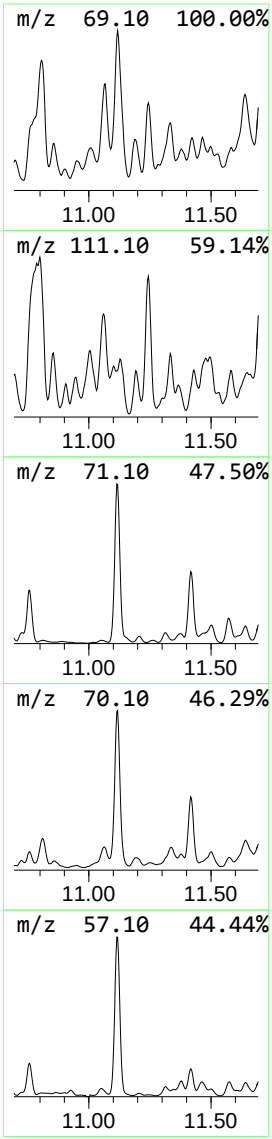
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic11.195 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.195	3.78 ug/L	73399	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	43
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	38
3	2-Ethyl-2,5-dimethyl-4-hexenal	154	C10H18O	1010433-27-1	38
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

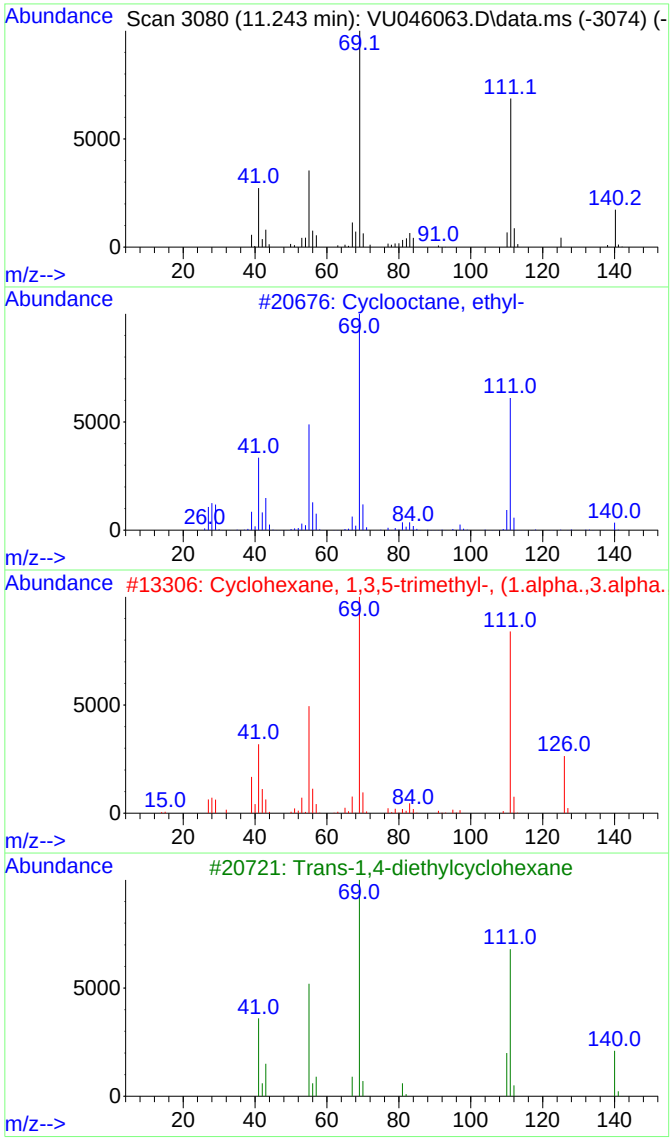
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

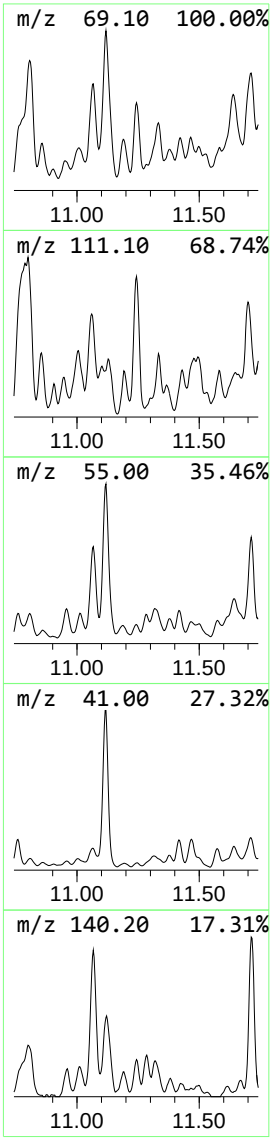
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic11.243 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.243	2.78 ug/L	53965	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, ethyl-	140	C10H20	013152-02-8	72
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
3	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	72
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	64
5	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

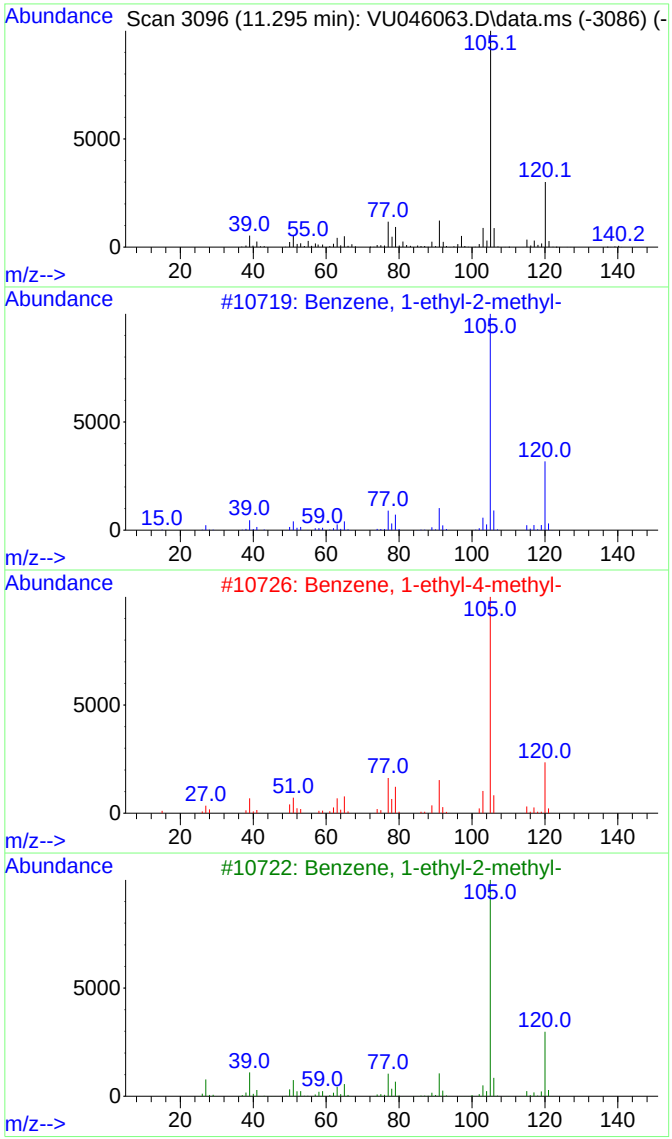
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

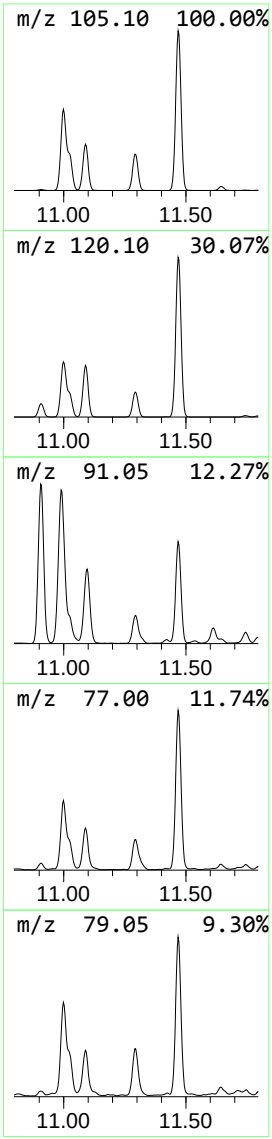
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.295	58.02 ug/L	1127000	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

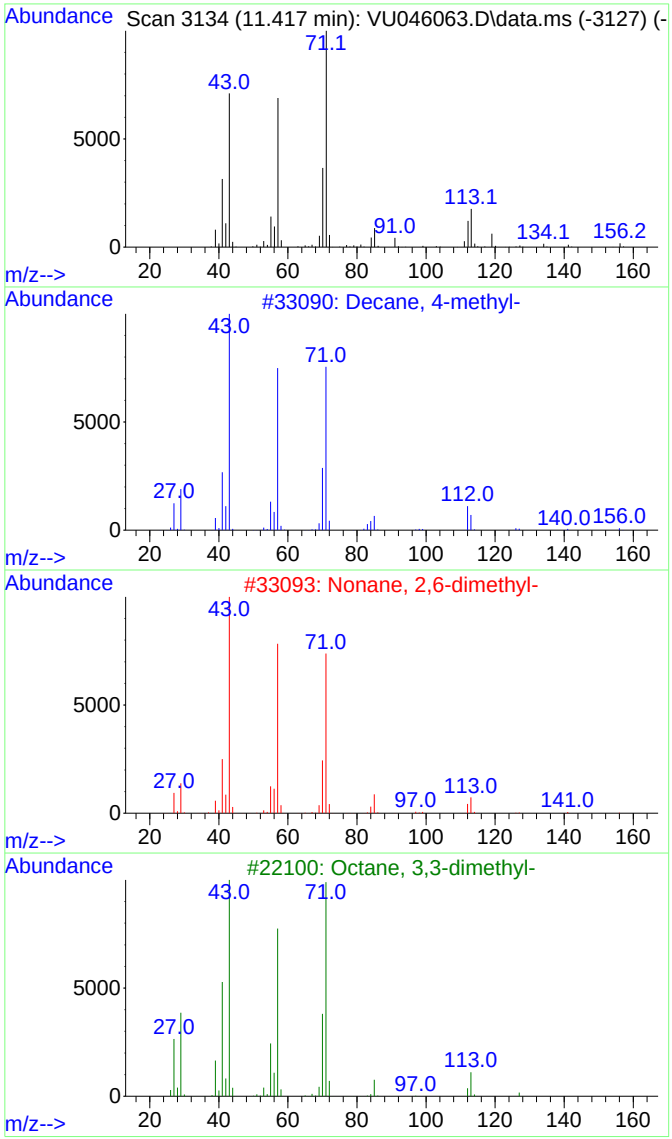
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

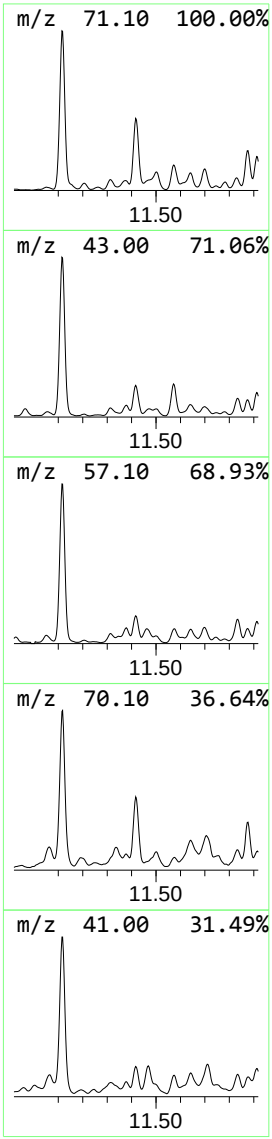
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	17.03 ug/L	330715	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	72
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

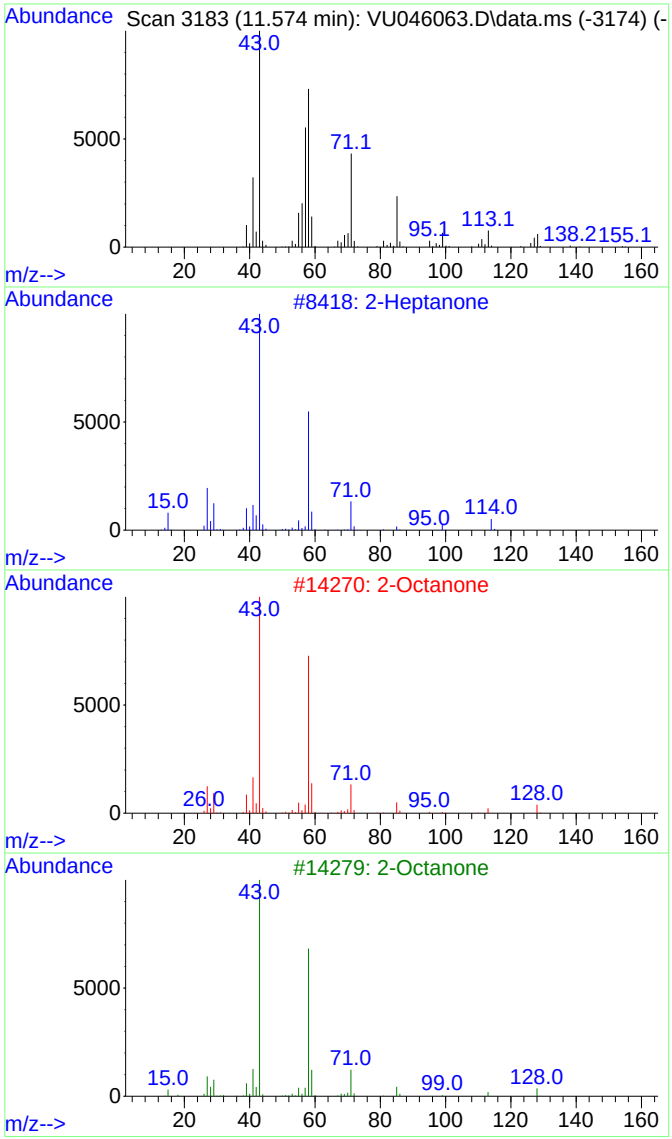
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

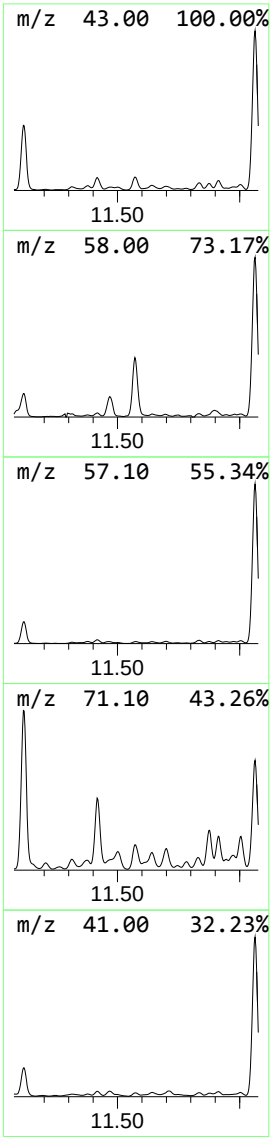
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.575	19.34 ug/L	375608	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	47
2	2-Octanone	128	C8H16O	000111-13-7	46
3	2-Octanone	128	C8H16O	000111-13-7	43
4	Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	38
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

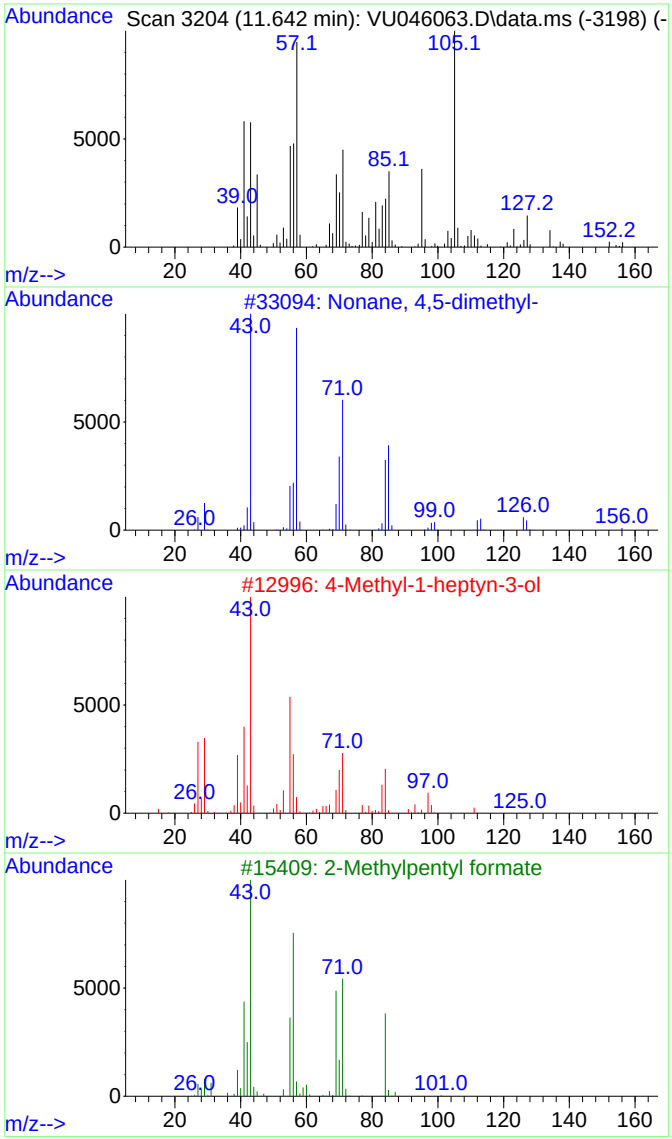
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

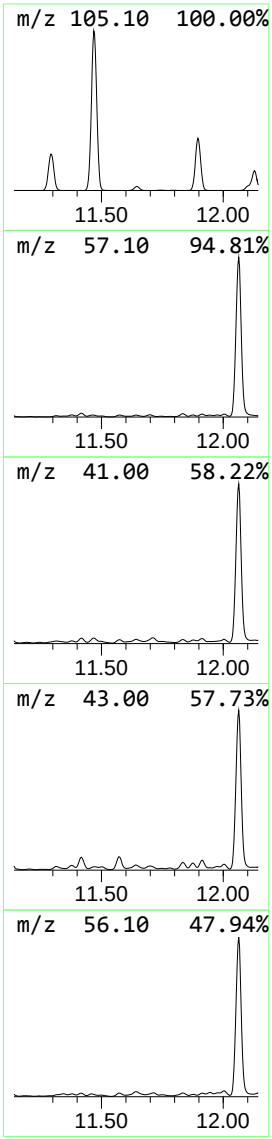
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	14.95 ug/L	290344	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
2	4-Methyl-1-heptyn-3-ol	126	C8H14O	1000342-45-3	38
3	2-Methylpentyl formate	130	C7H14O2	381670-34-4	38
4	1-Nonene	126	C9H18	000124-11-8	38
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

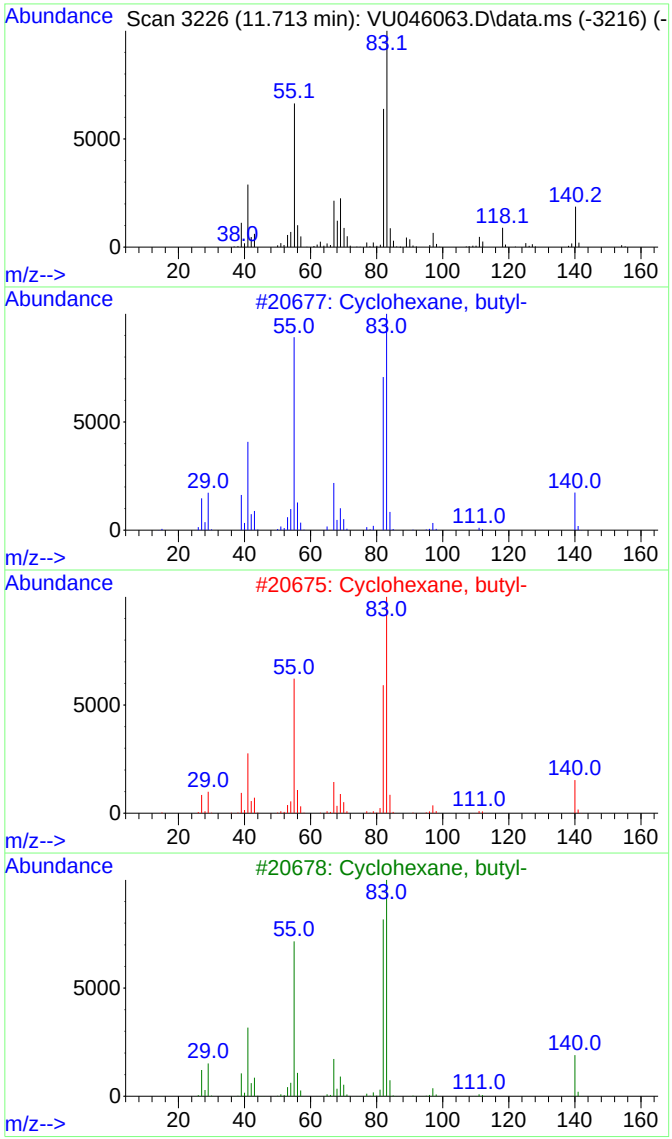
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

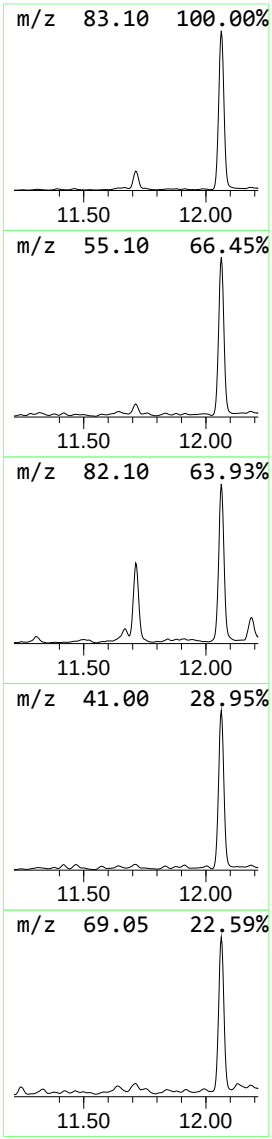
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic11.713 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.713	28.22 ug/L	548107	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





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Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

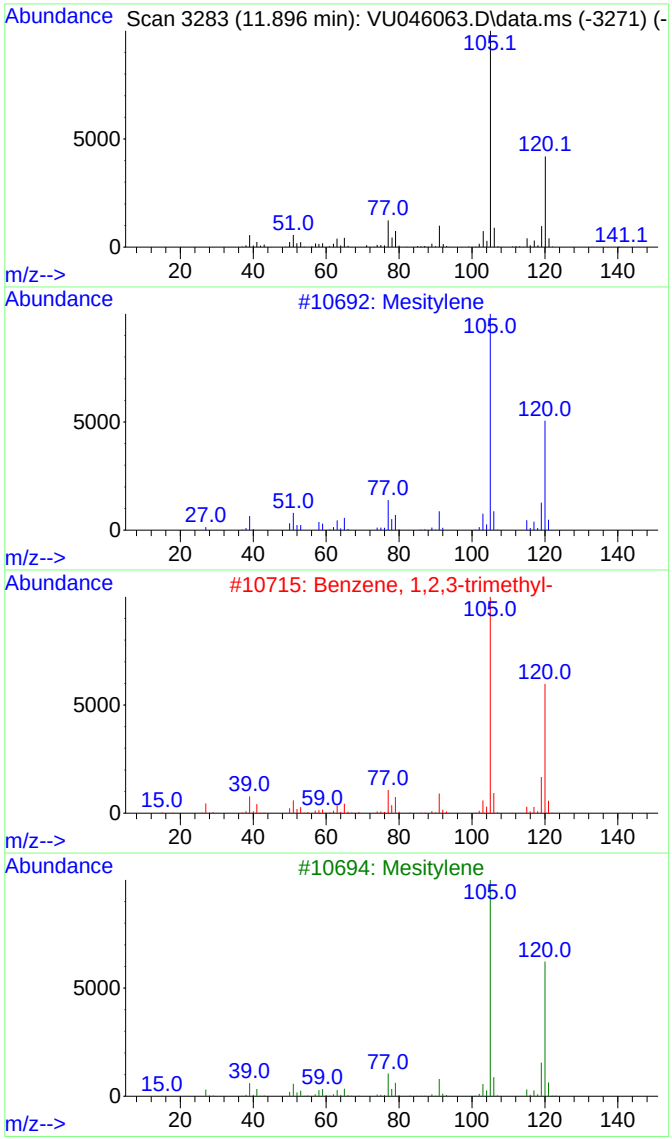
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

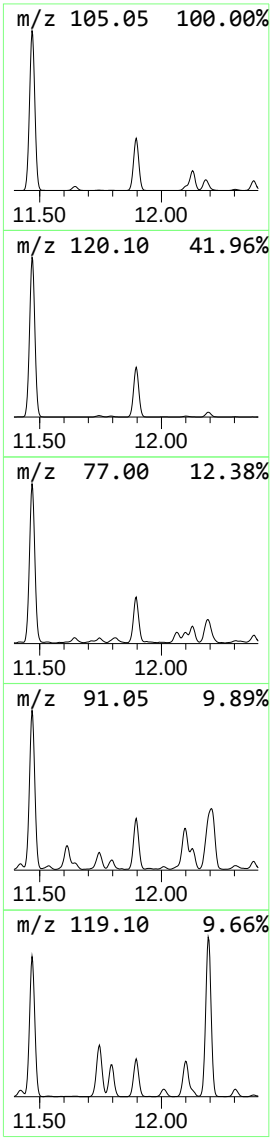
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	72.64 ug/L	1410840	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





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Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

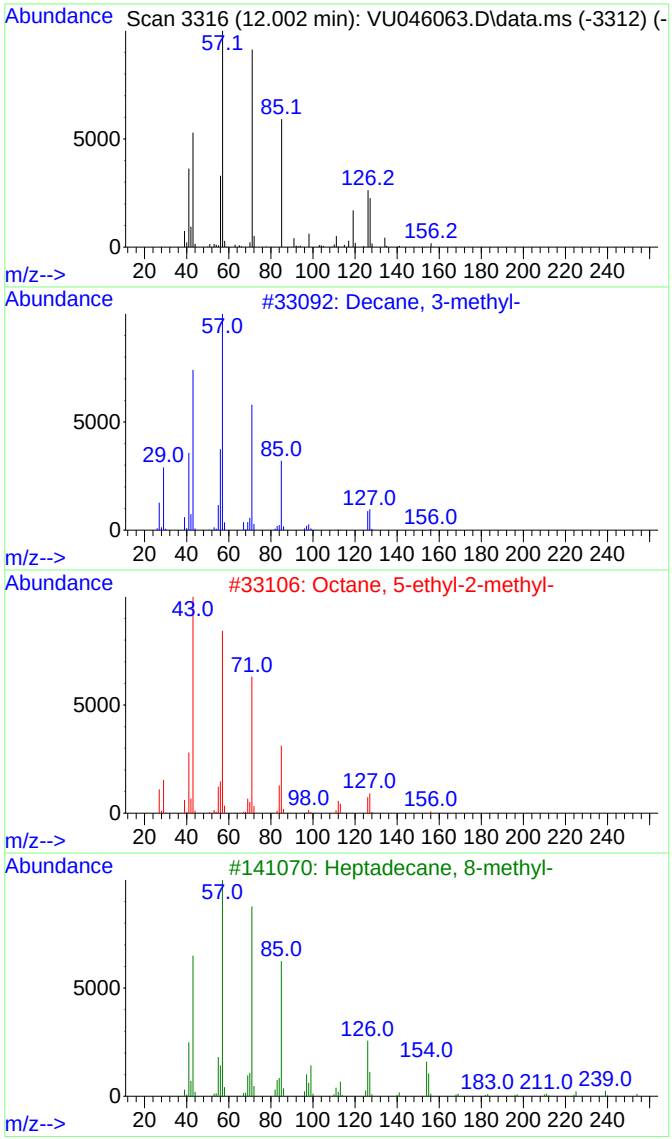
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

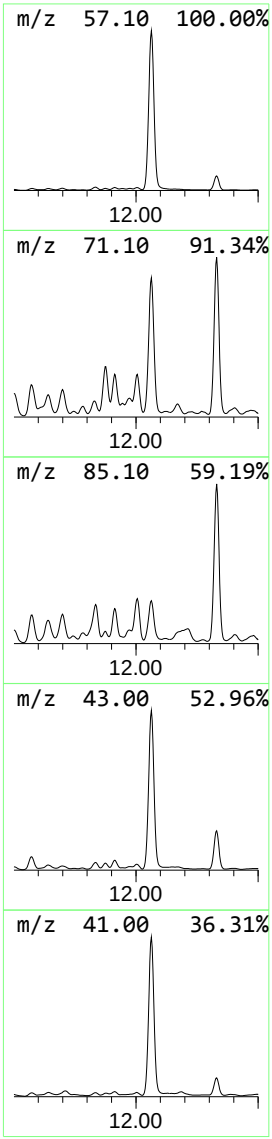
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.002	11.06 ug/L	214762	1,4-Dichlorobenzene-d4	11.812

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	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5	1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

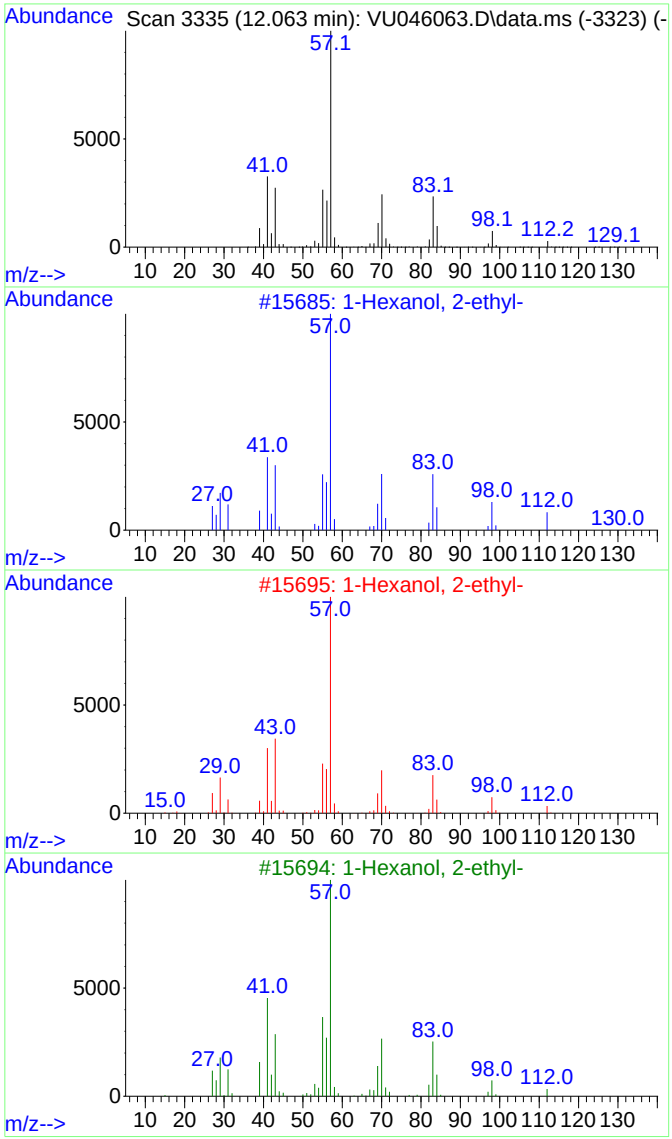
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

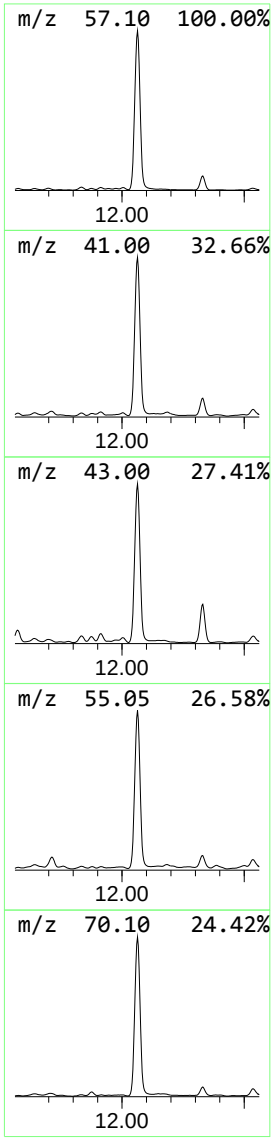
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	660.29 ug/L	12824800	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

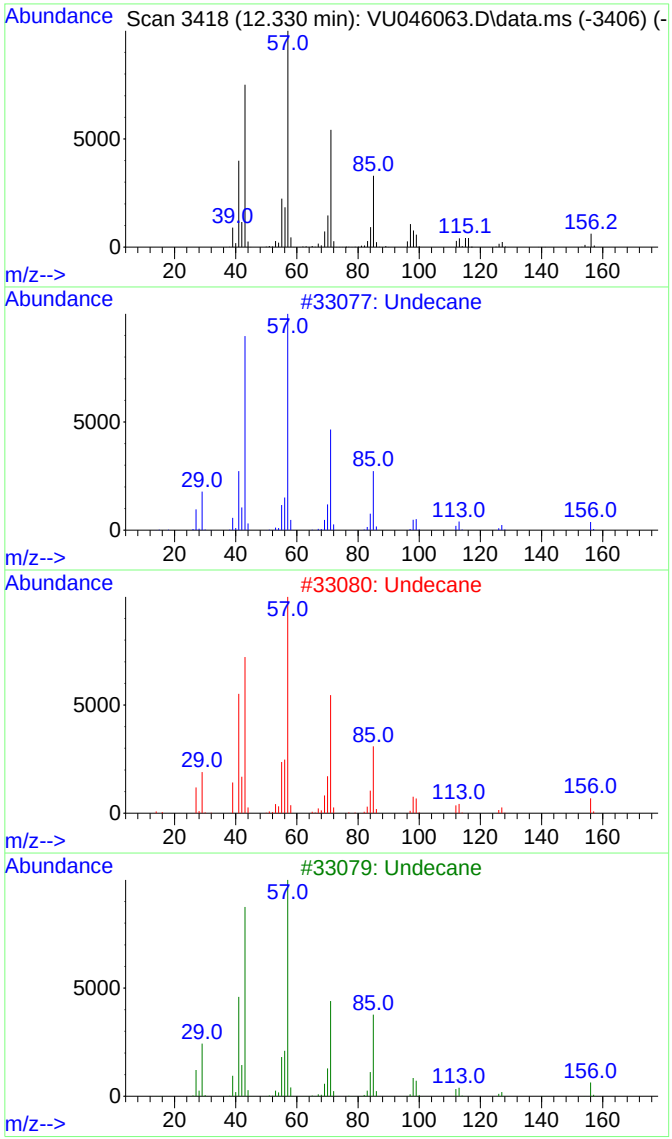
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

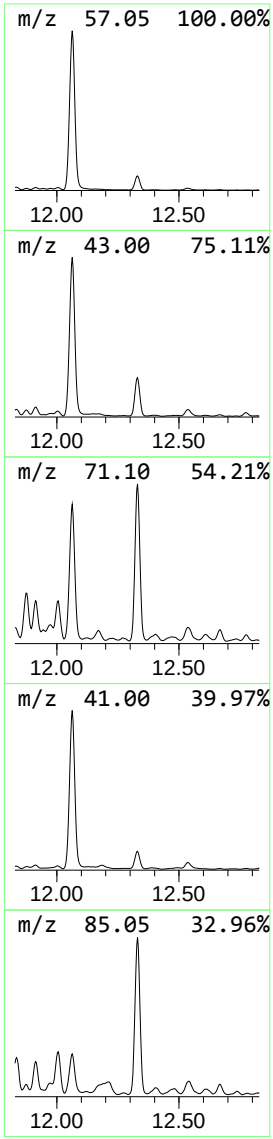
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.330	82.57 ug/L	1603730	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	95
2	Undecane	156	C11H24	001120-21-4	94
3	Undecane	156	C11H24	001120-21-4	93
4	Undecane	156	C11H24	001120-21-4	87
5	Undecane	156	C11H24	001120-21-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

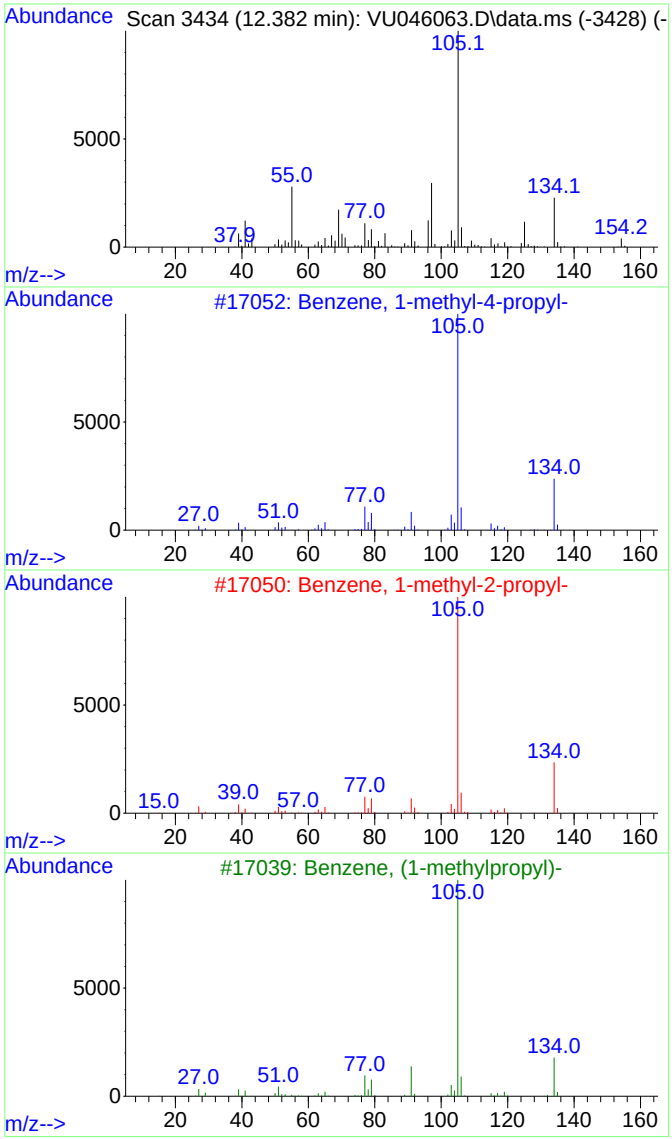
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

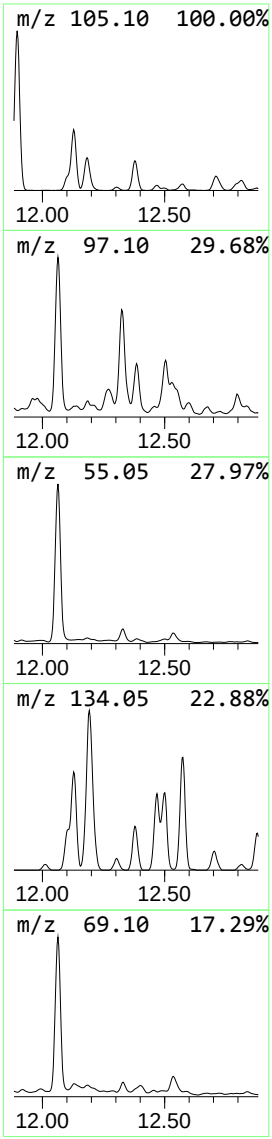
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-4-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.382	20.51 ug/L	398415	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	55
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	55
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

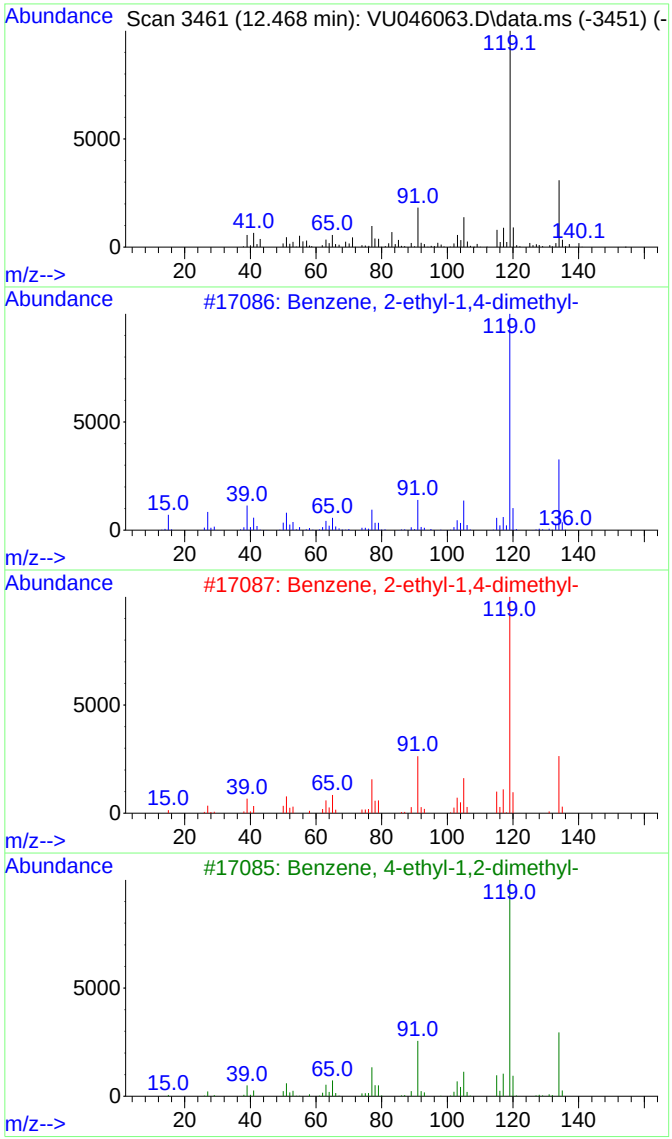
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

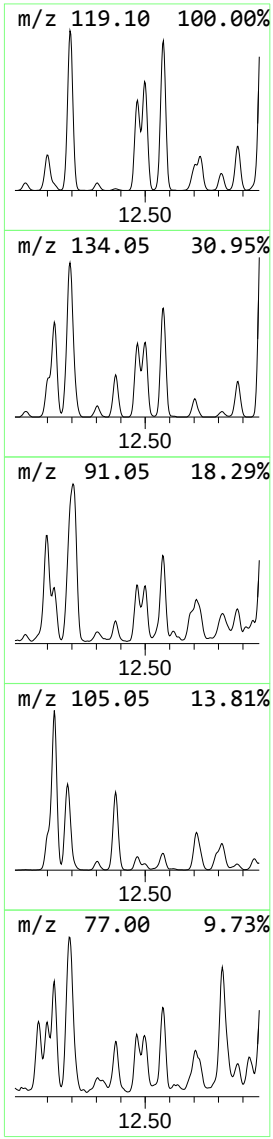
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	16.96 ug/L	329488	1,4-Dichlorobenzene-d4	11.812

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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

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

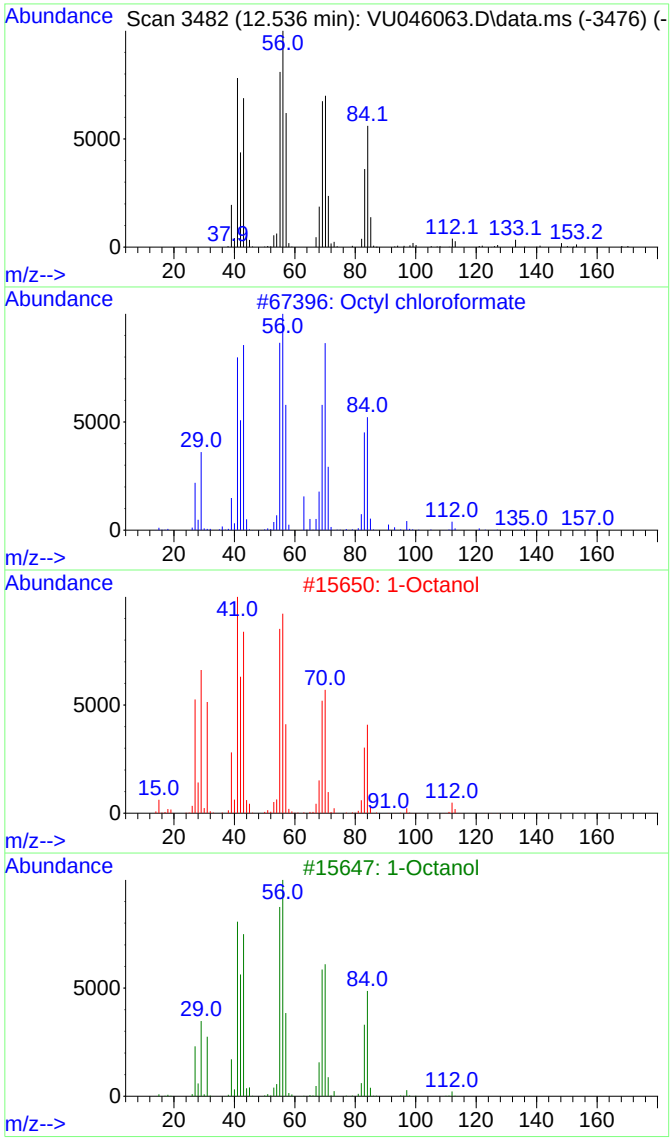
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

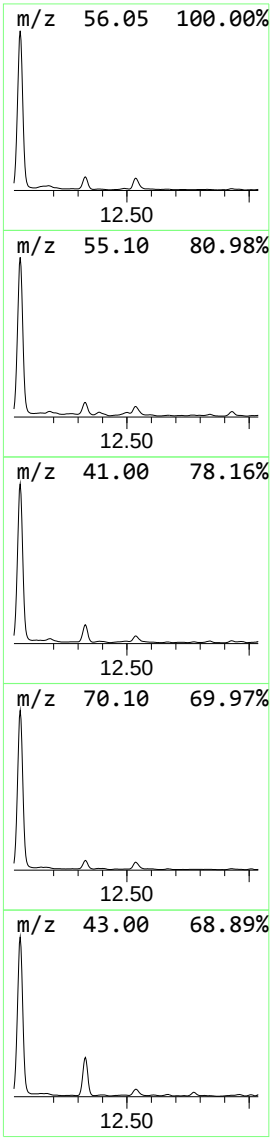
****

Peak Number 31 Octyl chloroformate Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.536	17.77 ug/L	345205	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octyl chloroformate	192	C9H17ClO2	007452-59-7	91
2	1-Octanol	130	C8H18O	000111-87-5	86
3	1-Octanol	130	C8H18O	000111-87-5	78
4	Nonyl chloroformate	206	C10H19ClO2	057045-82-6	78
5	1-Octanol	130	C8H18O	000111-87-5	78





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Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

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

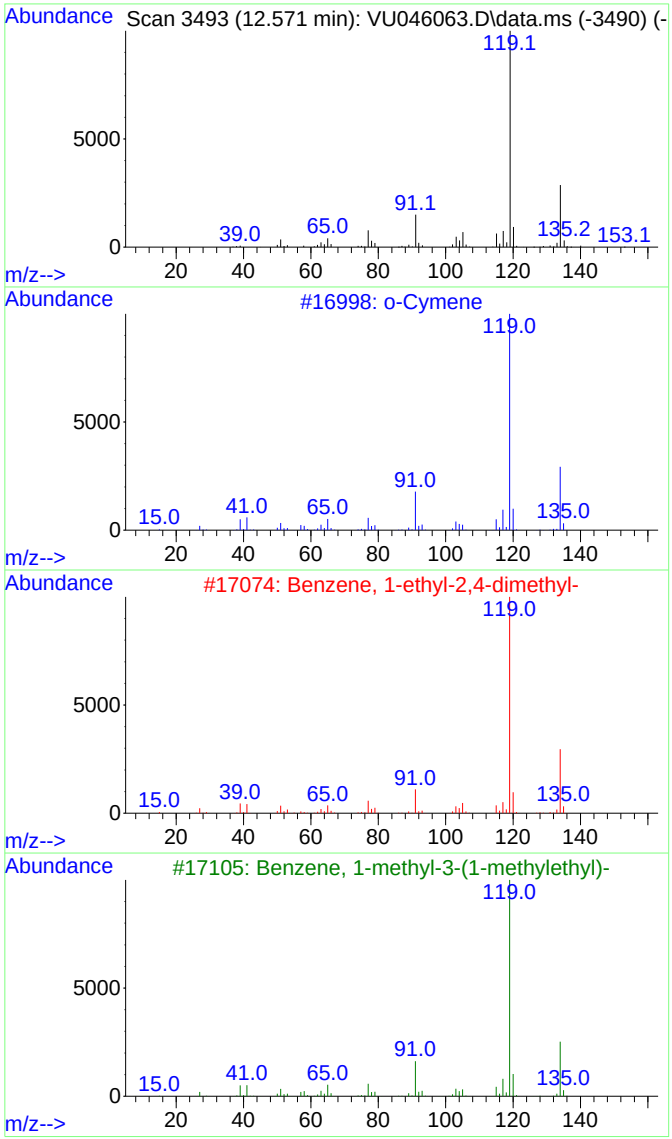
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

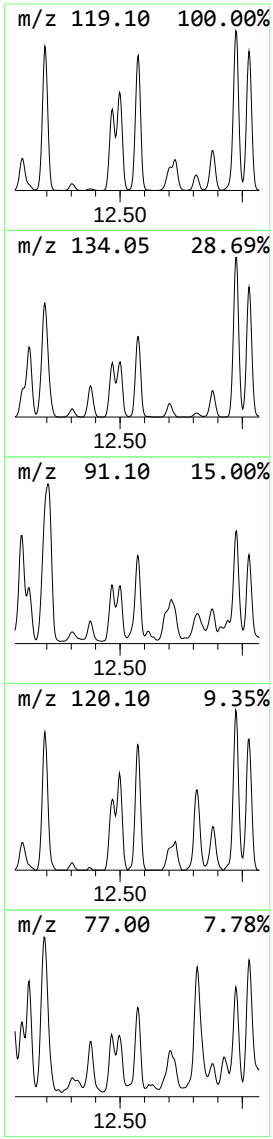
****

Peak Number 32 o-Cymene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	14.15 ug/L	274836	1,4-Dichlorobenzene-d4	11.812

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





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Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

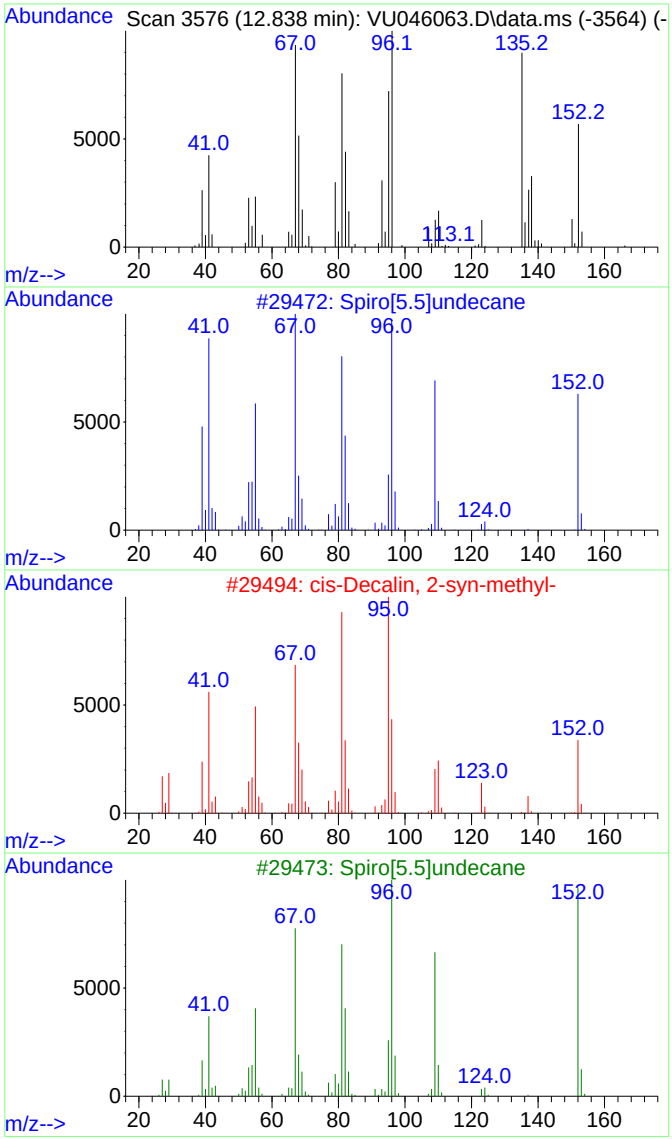
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

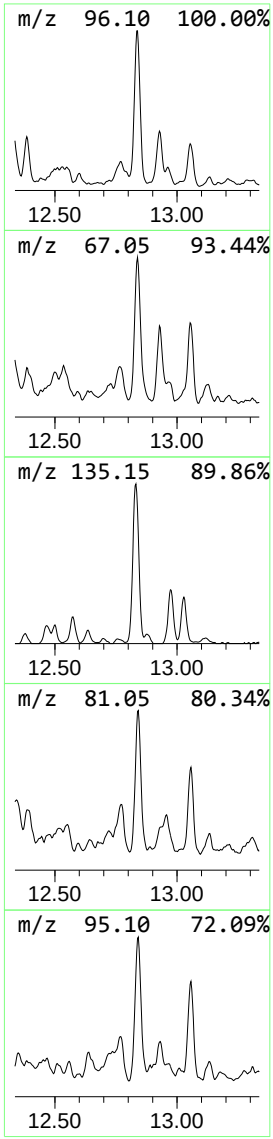
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Spiro[5.5]undecane Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.838	15.83 ug/L	307399	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[5.5]undecane	152	C11H20	000180-43-8	70
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
3	Spiro[5.5]undecane	152	C11H20	000180-43-8	58
4	Spiro[4.5]decane	138	C10H18	000176-63-6	53
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

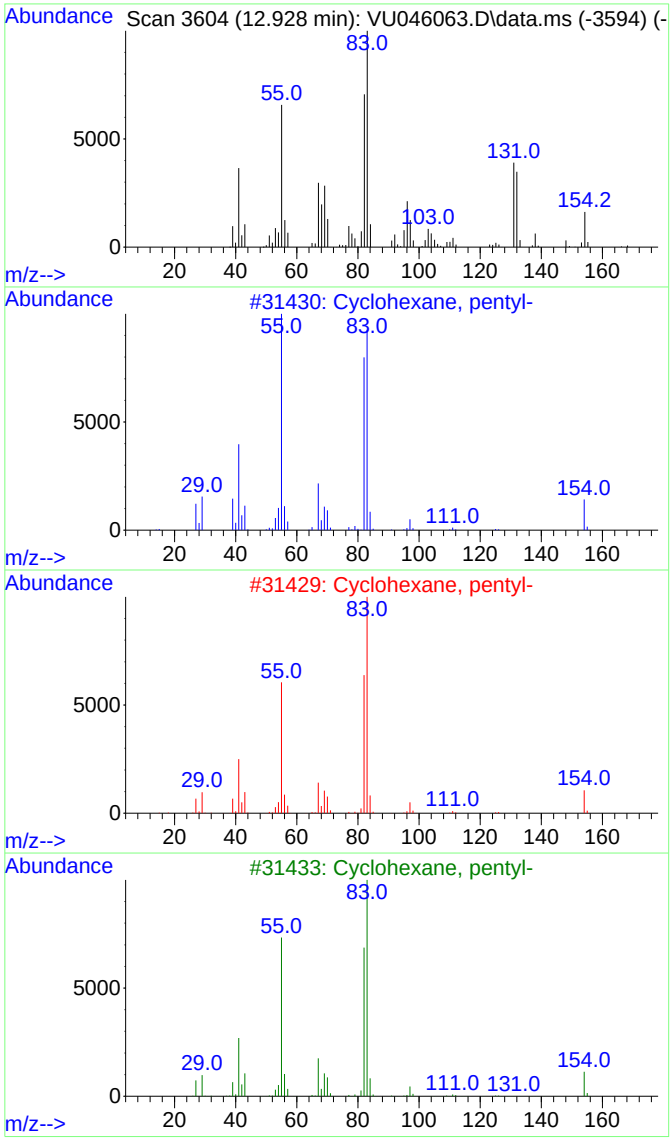
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

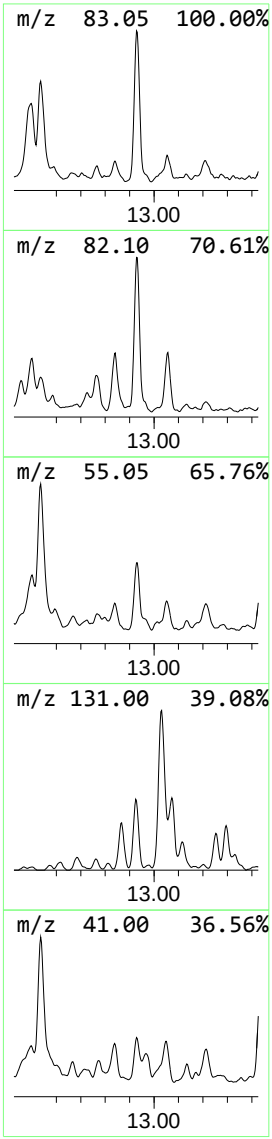
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Cyclic12.928 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	13.99 ug/L	271699	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	43





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Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

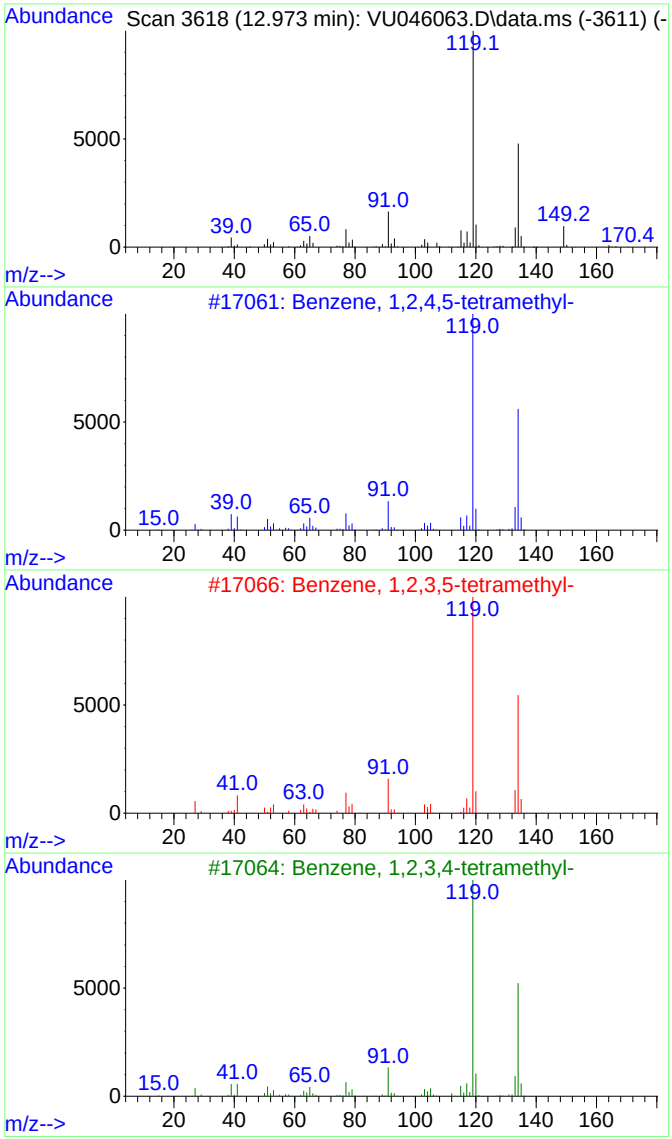
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

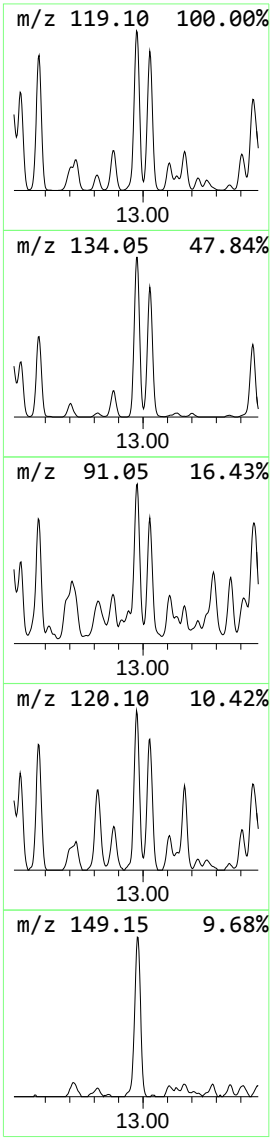
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	25.66 ug/L	498434	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

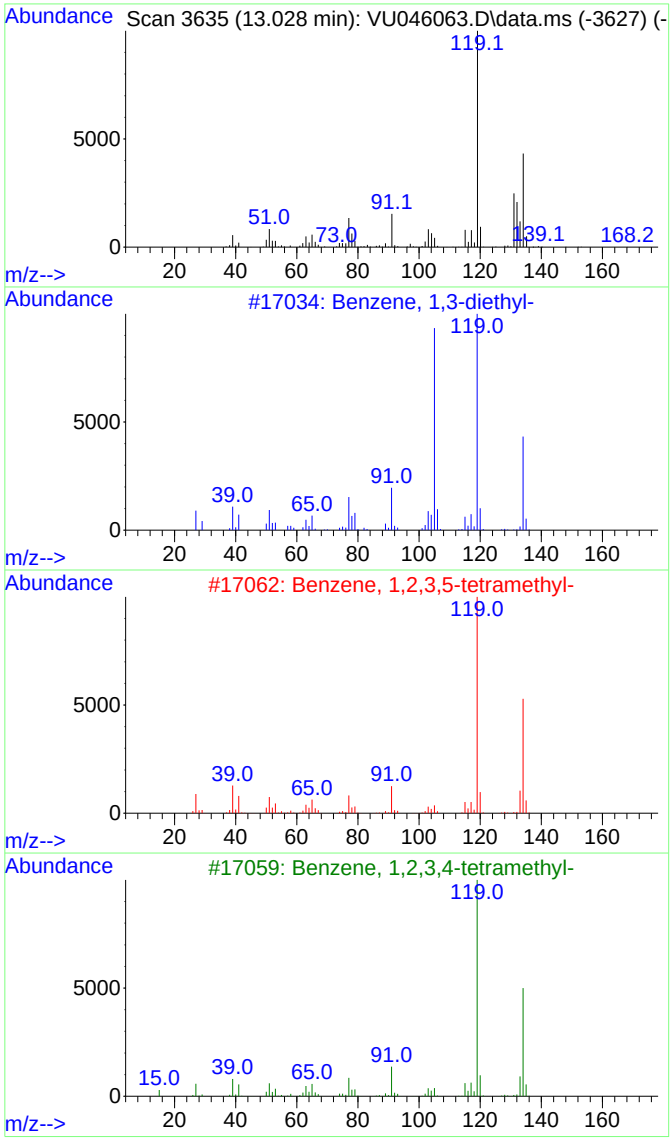
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

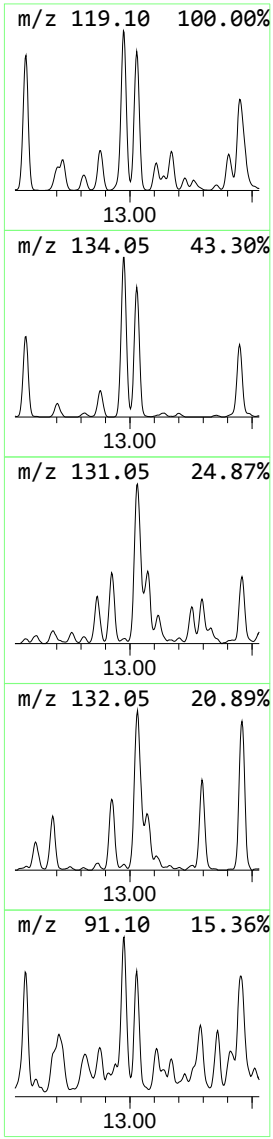
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	40.48 ug/L	786343	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

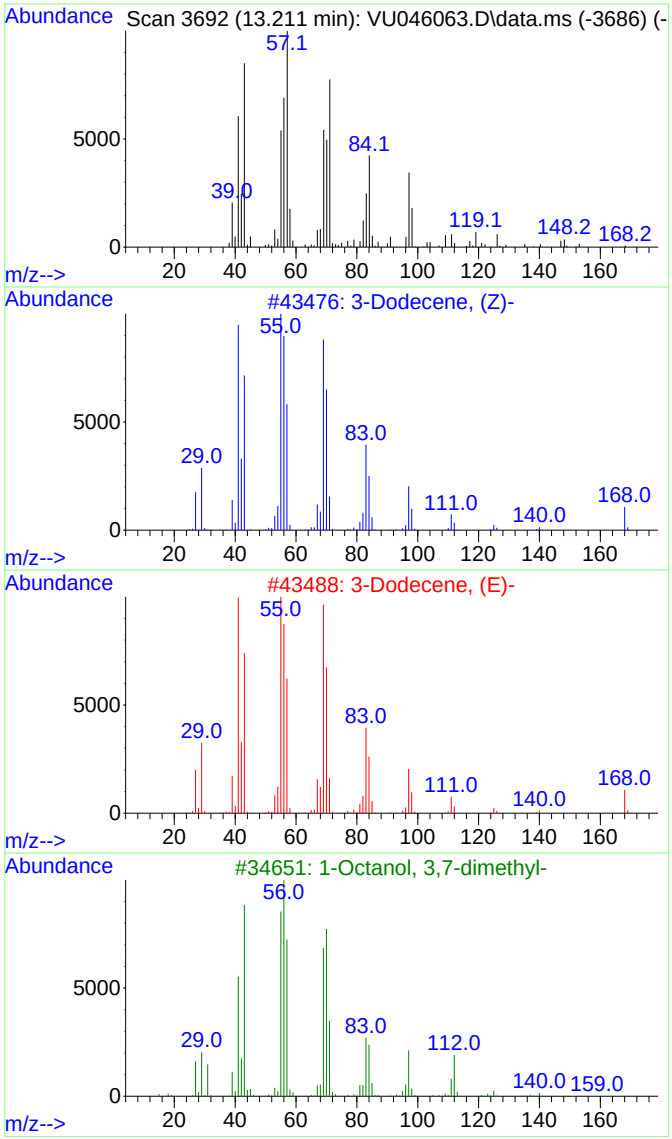
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

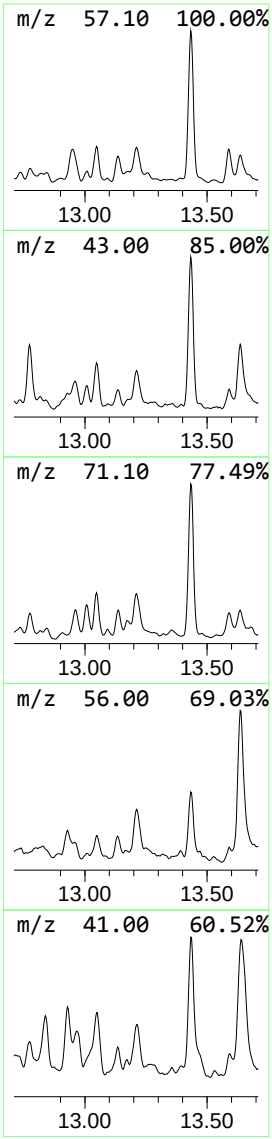
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.211	7.68 ug/L	149109	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dodecene, (Z)-	168	C12H24	007239-23-8	43
2	3-Dodecene, (E)-	168	C12H24	007206-14-6	38
3	1-Octanol, 3,7-dimethyl-	158	C10H22O	000106-21-8	38
4	1-Nonene	126	C9H18	000124-11-8	38
5	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	30





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Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

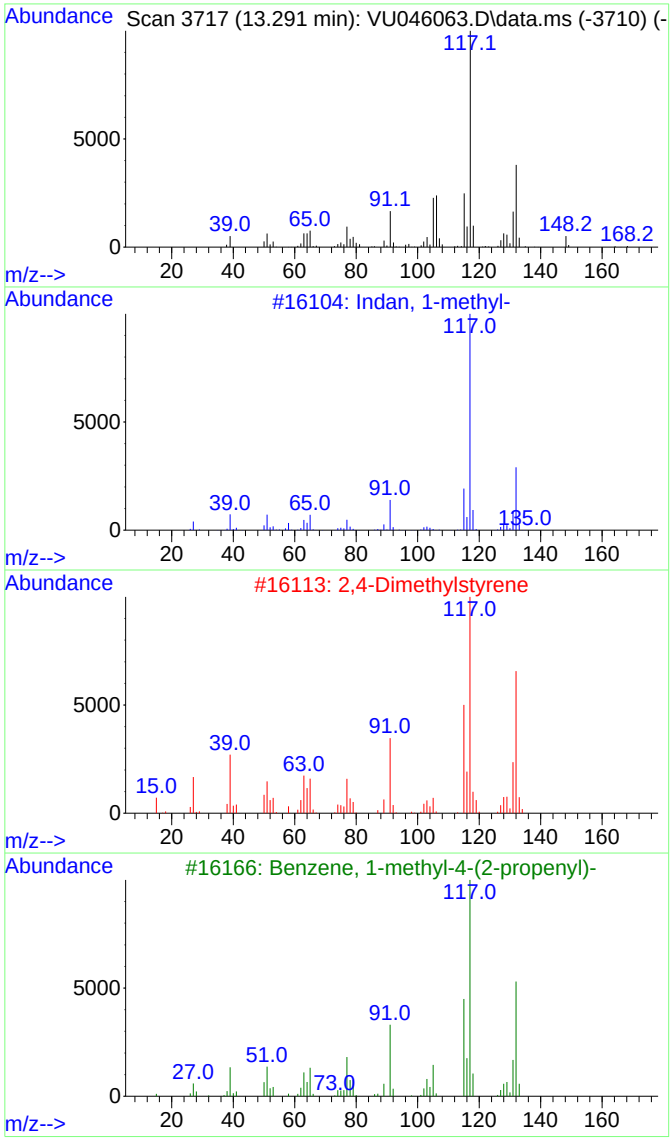
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

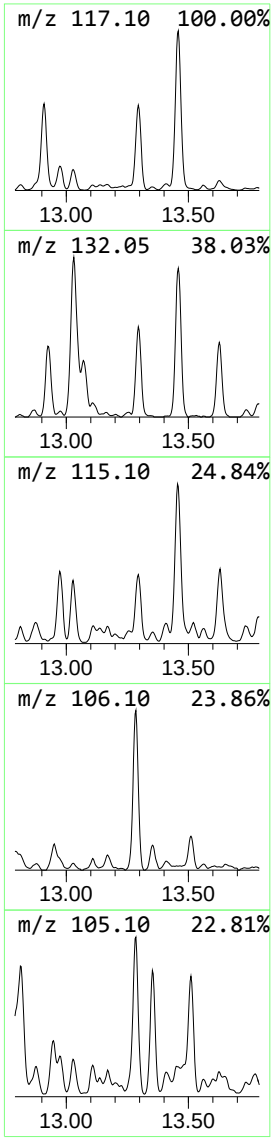
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Indan, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	13.22 ug/L	256861	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	76





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Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

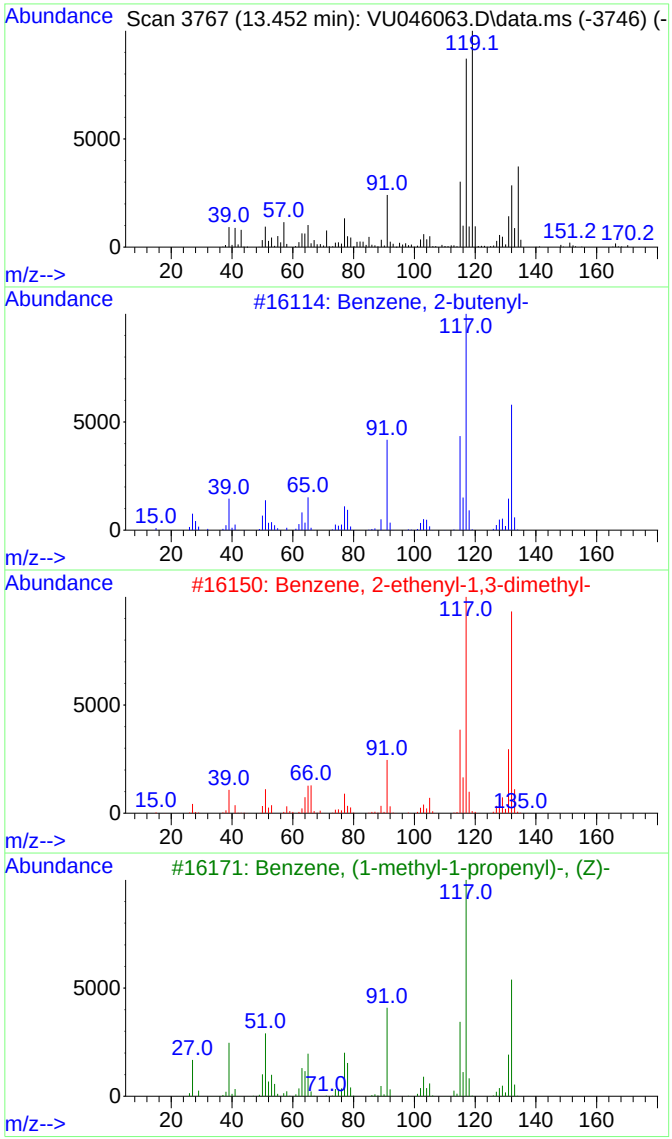
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

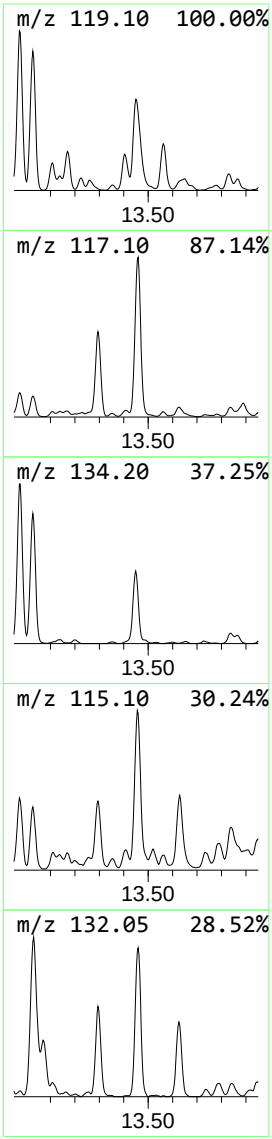
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 2-butenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	59.34 ug/L	1152520	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

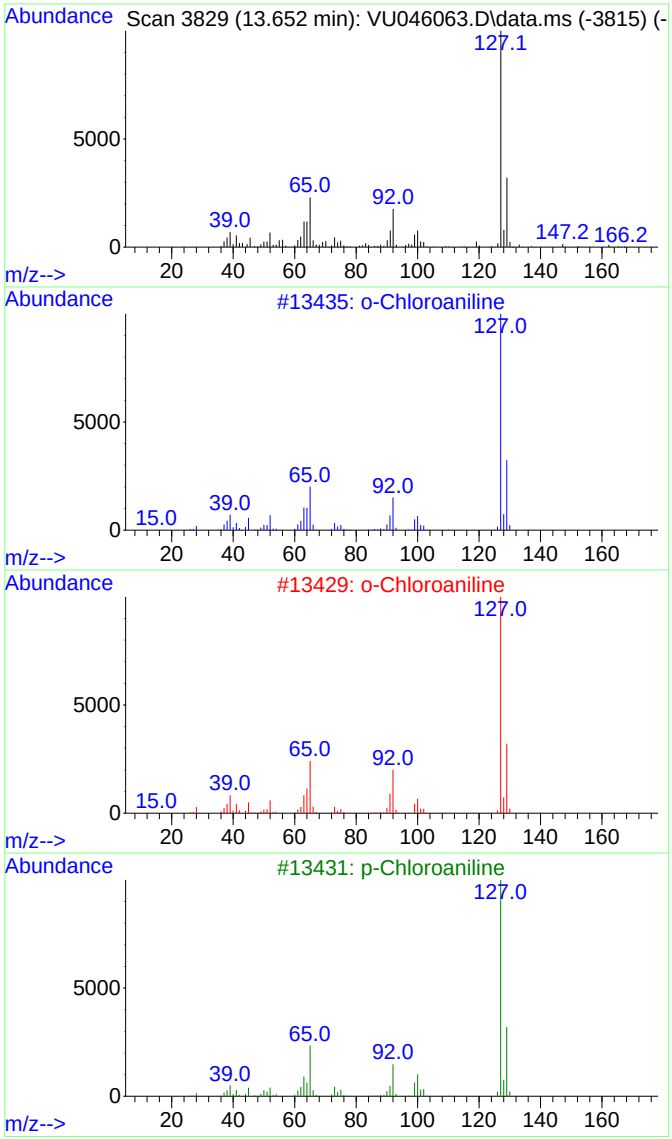
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

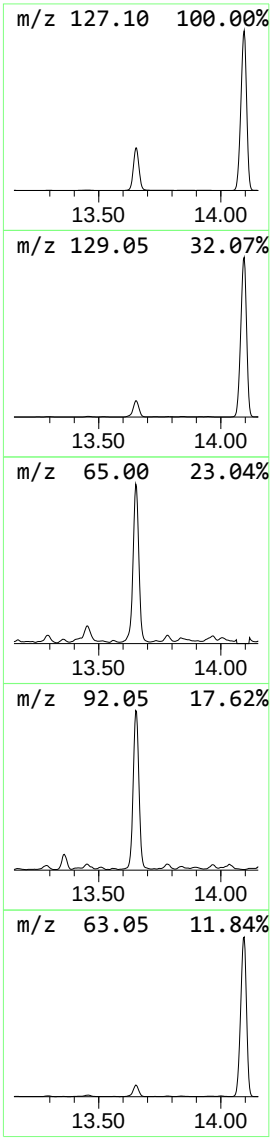
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 o-Chloroaniline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.652	101.90 ug/L	1979290	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Chloroaniline	127	C6H6ClN	000095-51-2	96
2	o-Chloroaniline	127	C6H6ClN	000095-51-2	96
3	p-Chloroaniline	127	C6H6ClN	000106-47-8	95
4	m-Chloroaniline	127	C6H6ClN	000108-42-9	95
5	o-Chloroaniline	127	C6H6ClN	000095-51-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

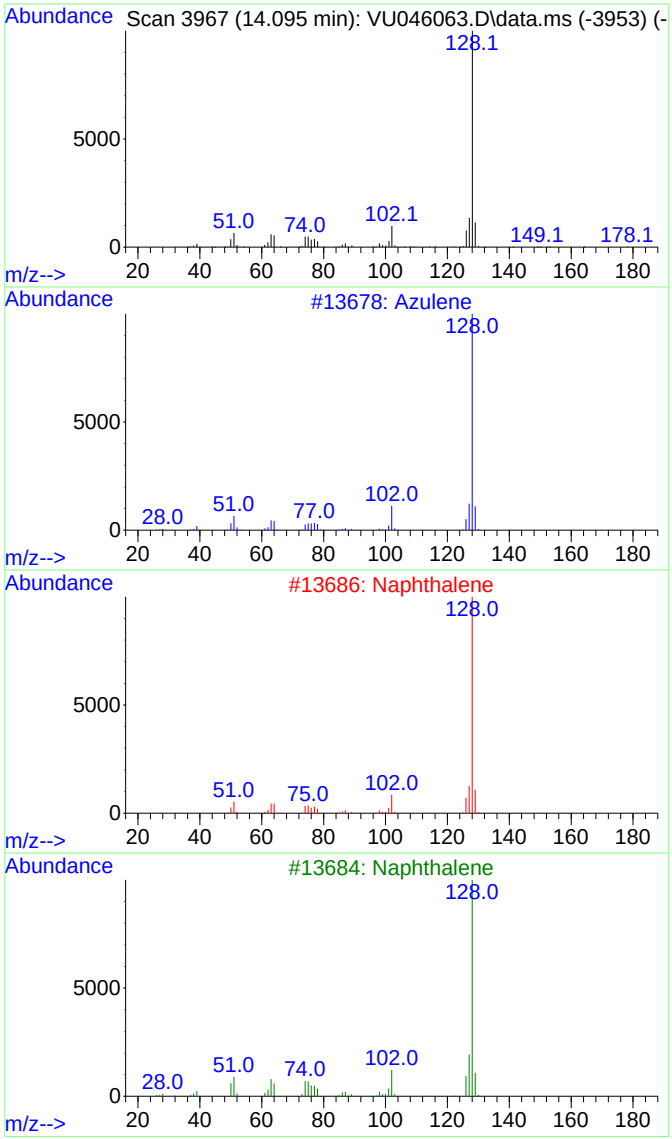
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

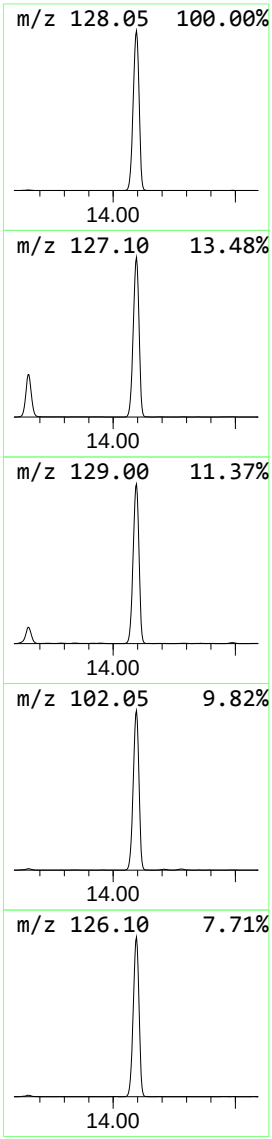
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.095	1315.04 ug/L	25542200	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

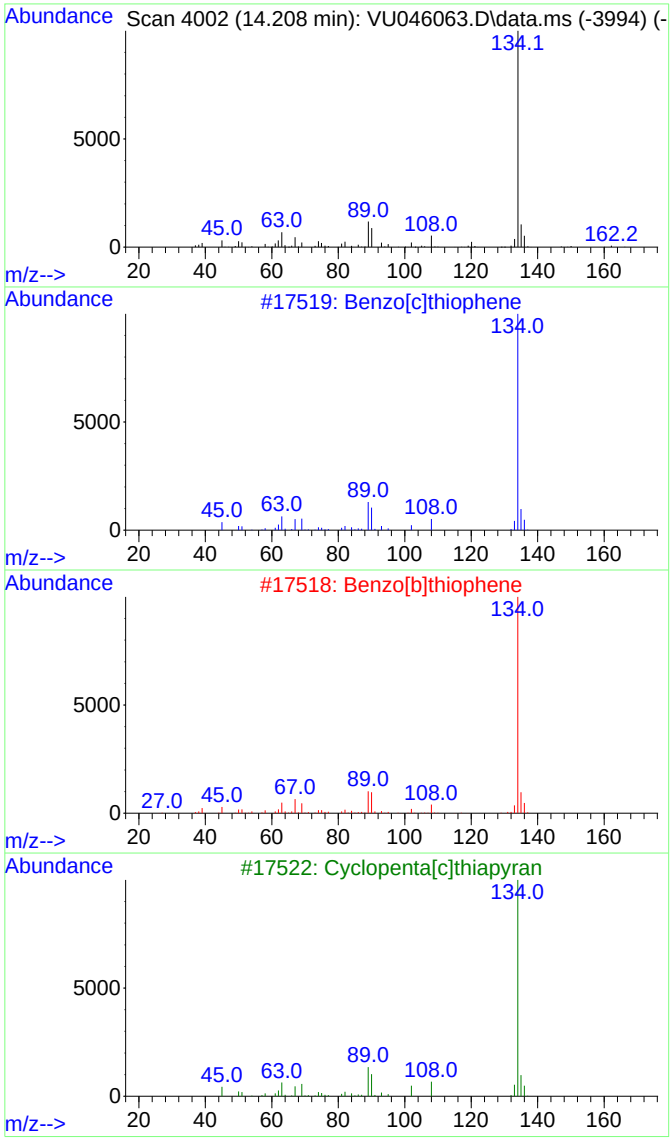
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

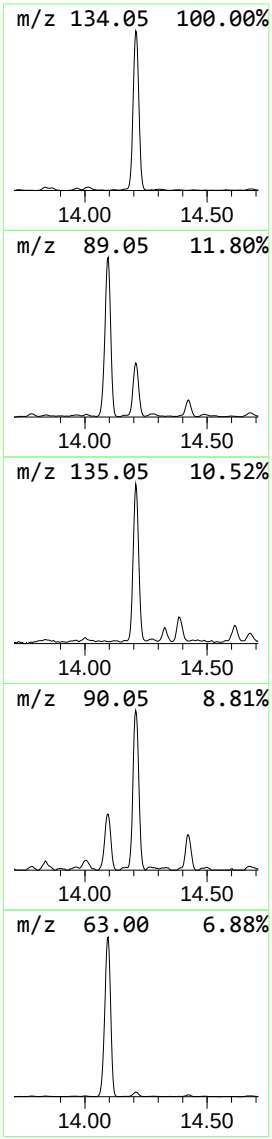
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzo[c]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	38.09 ug/L	739800	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

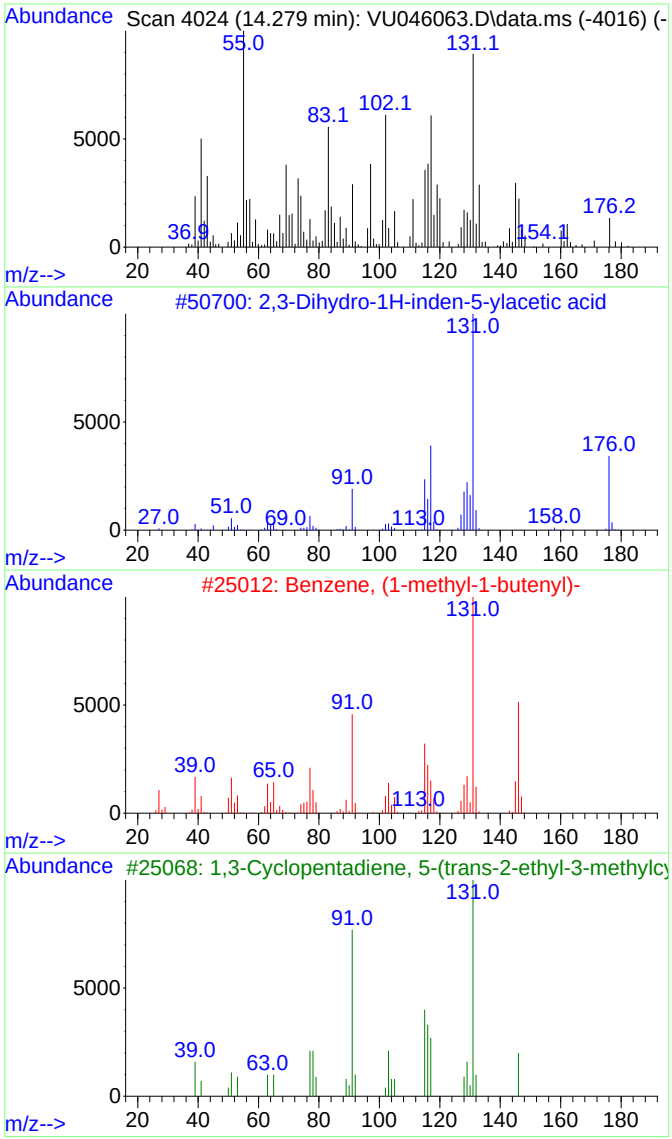
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

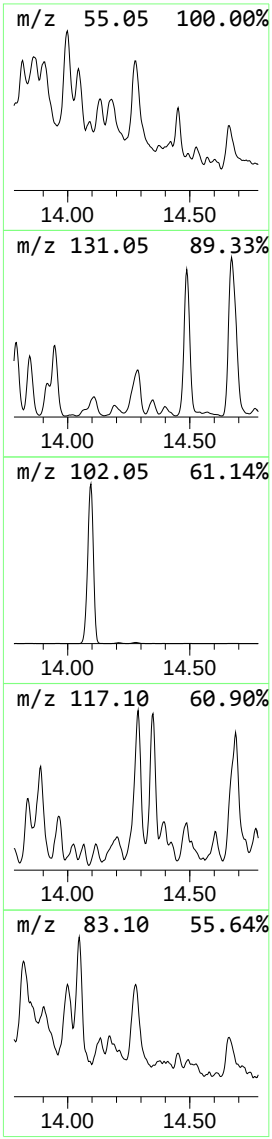
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.279	17.92 ug/L	348055	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1H-inden-5-ylacetic ...	176	C11H12O2	005453-98-5	38
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
3	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	35
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	35
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

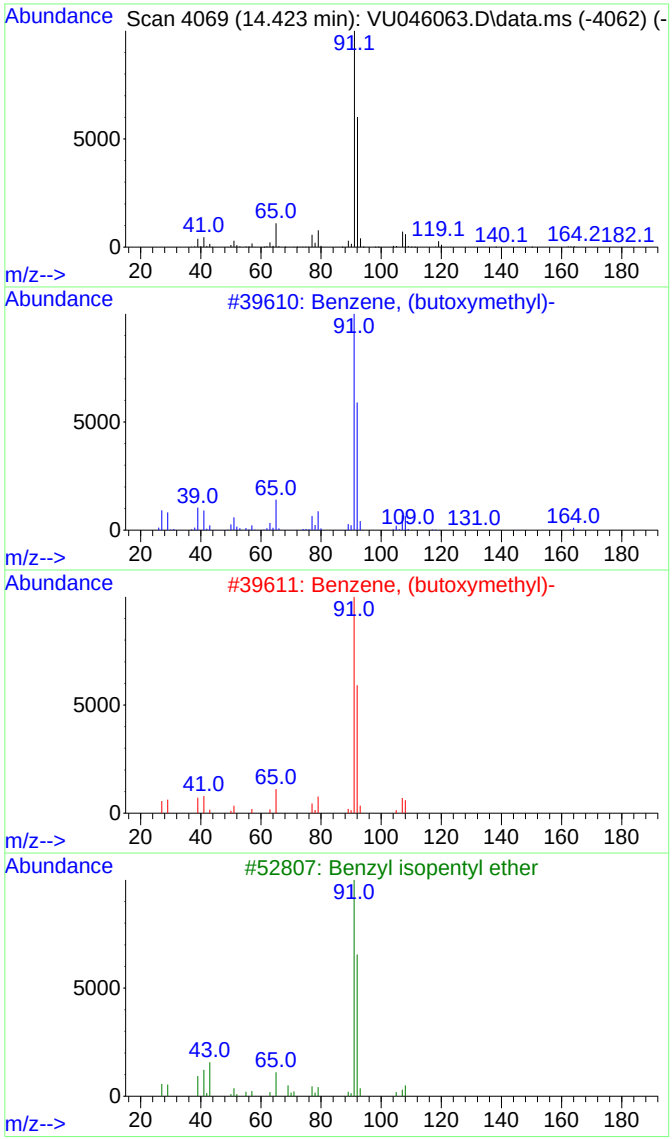
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

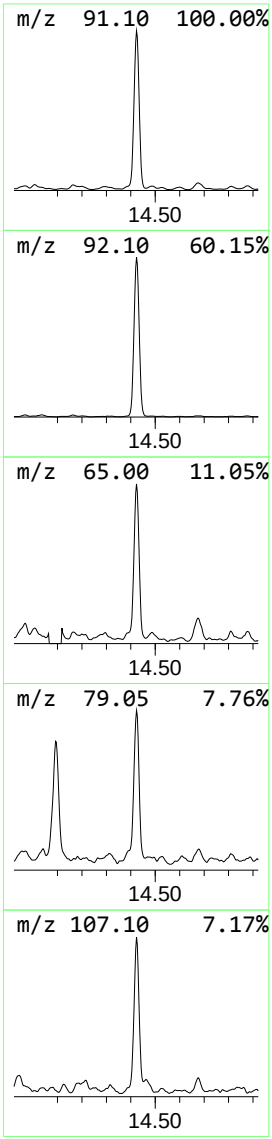
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, (butoxymethyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.423	29.23 ug/L	567745	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	91
2	Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	83
3	Benzyl isopentyl ether	178	C12H18O	000122-73-6	78
4	Benzyl isopentyl ether	178	C12H18O	000122-73-6	78
5	Acetaldehyde dibenzyl acetal	242	C16H18O2	1000431-44-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

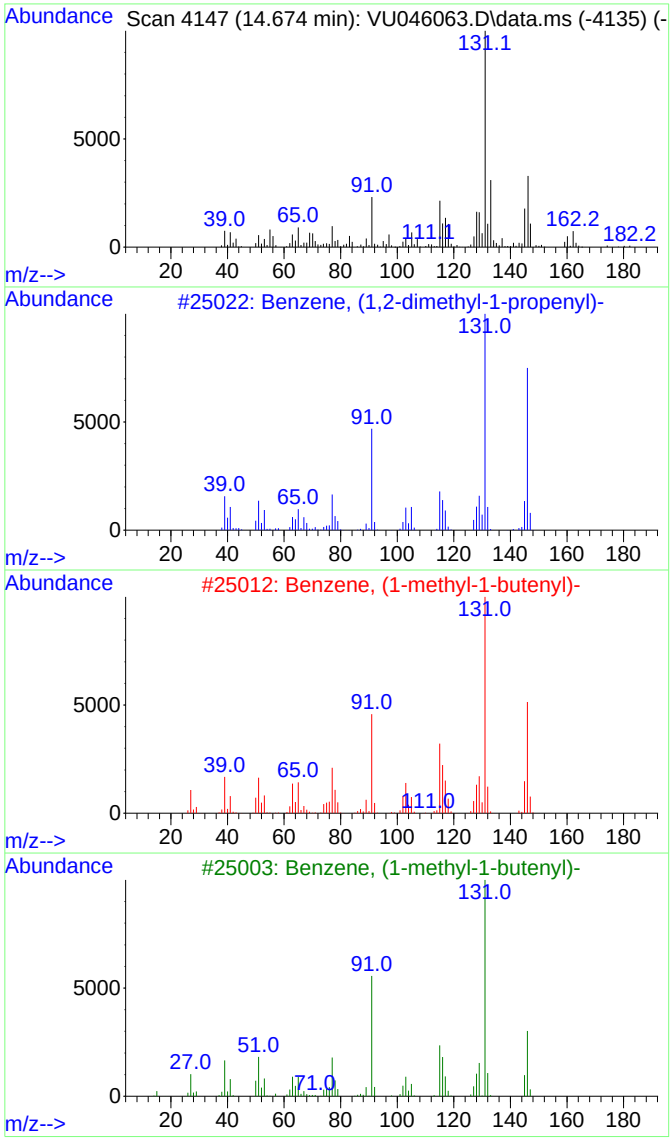
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

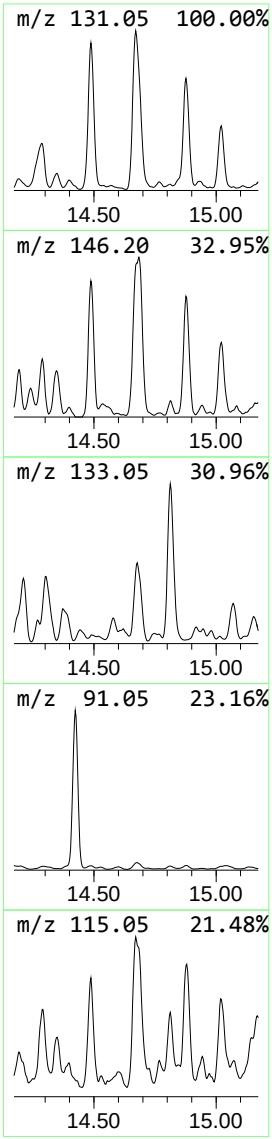
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	25.64 ug/L	498105	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	80
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

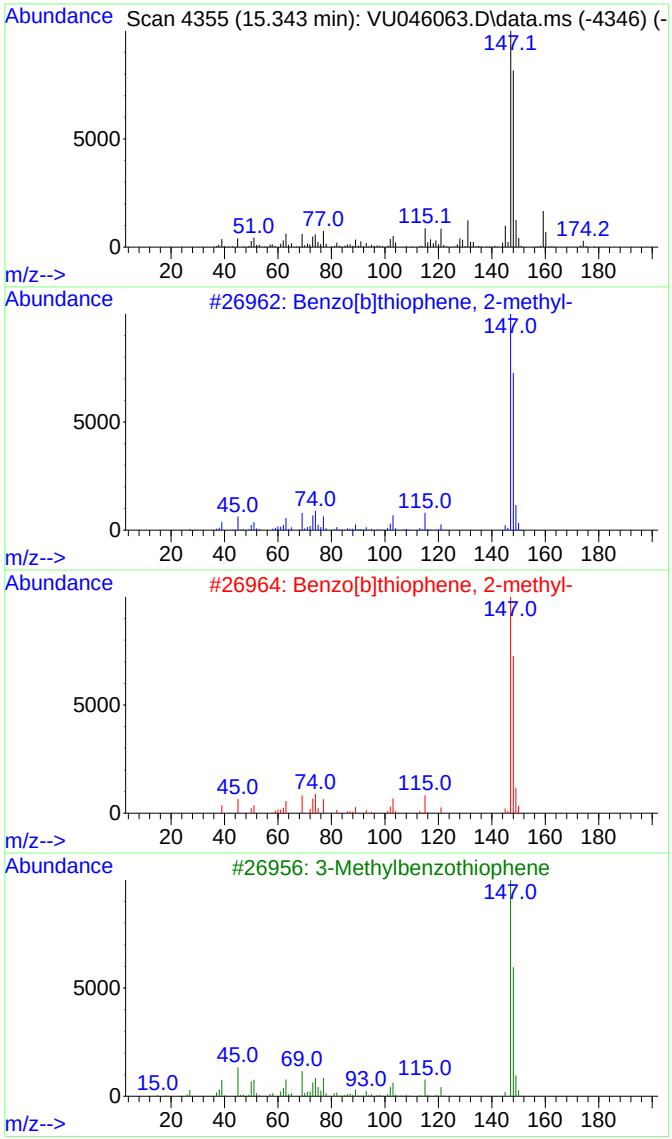
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

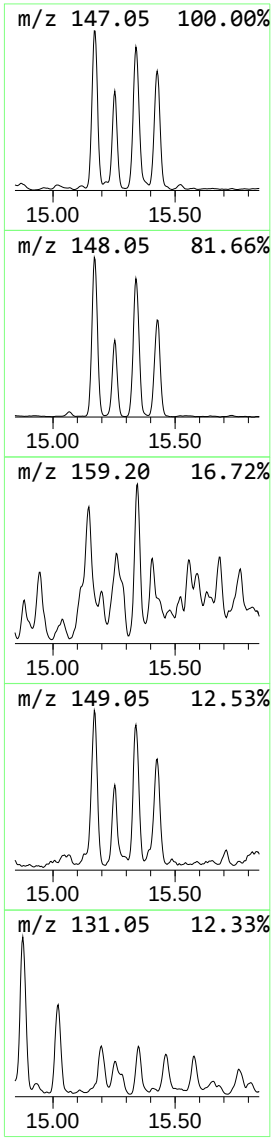
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzo[b]thiophene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.343	18.23 ug/L	354060	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	81
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	81
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

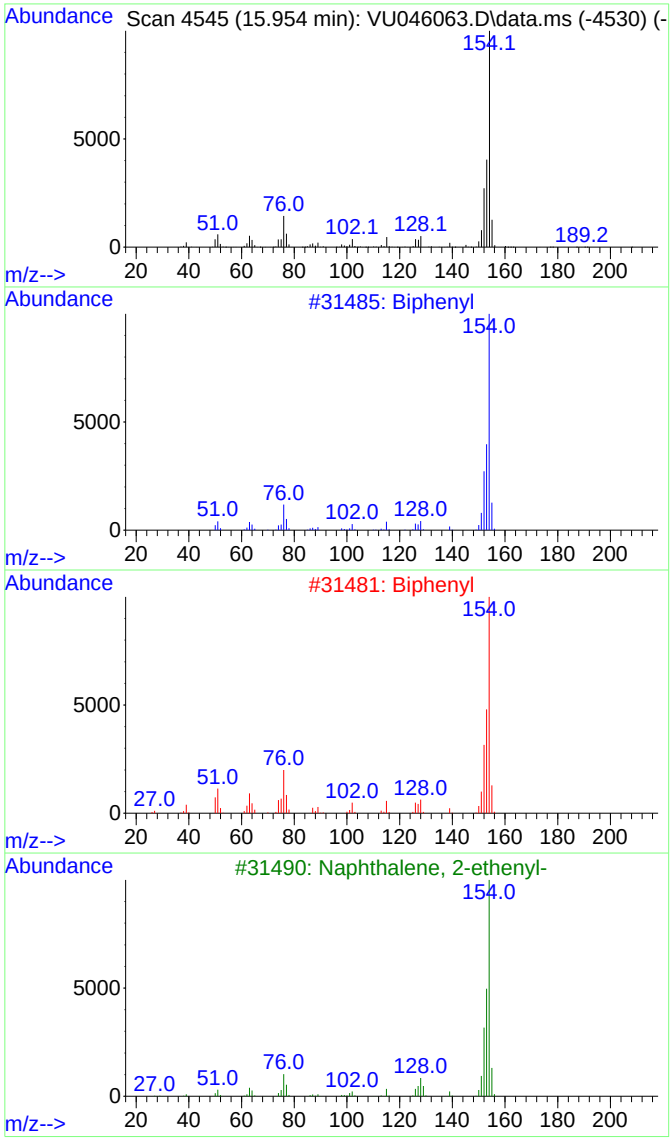
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

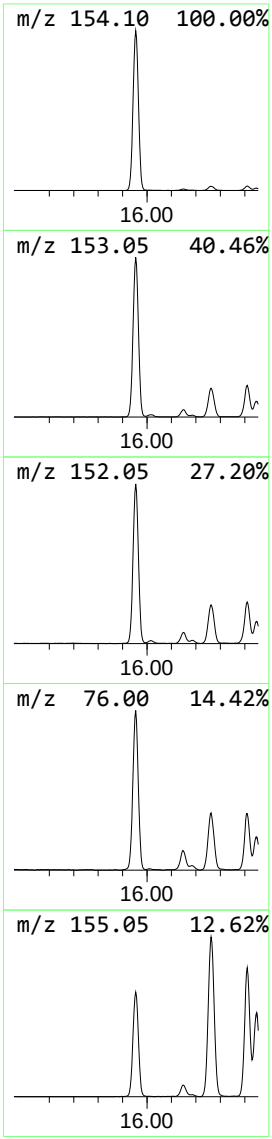
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Naphthalene, 2-ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.954	91.01 ug/L	1767790	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
4	Biphenyl	154	C12H10	000092-52-4	76
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

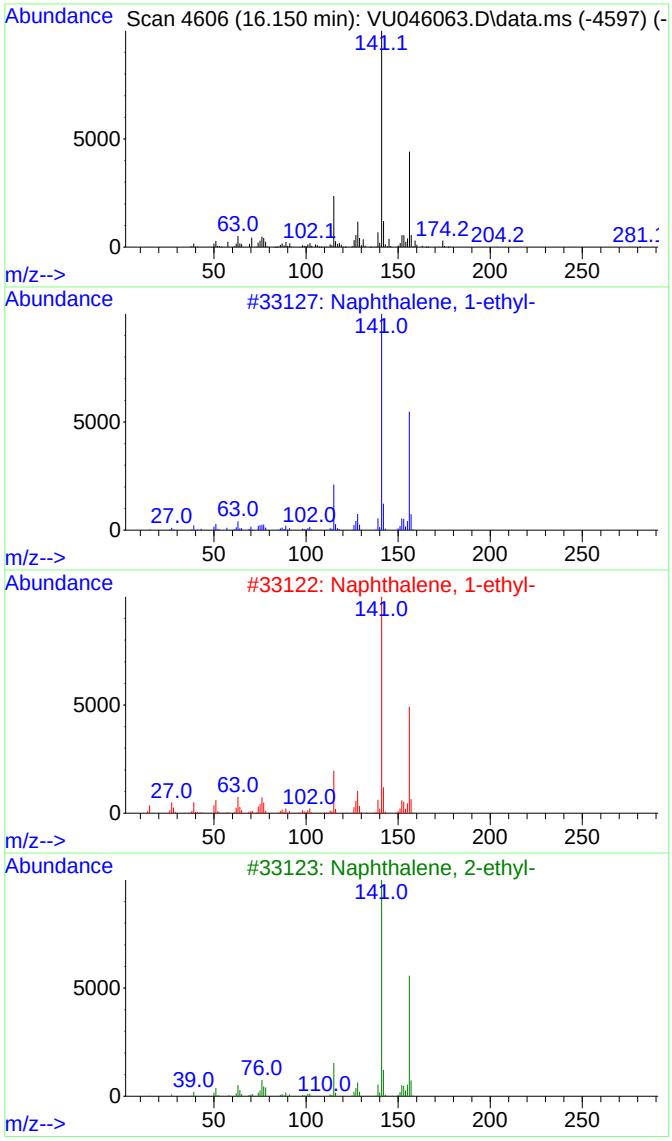
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

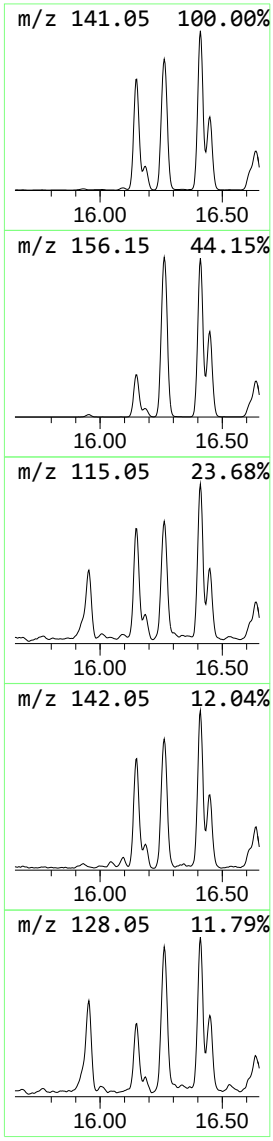
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.150	31.79 ug/L	617538	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

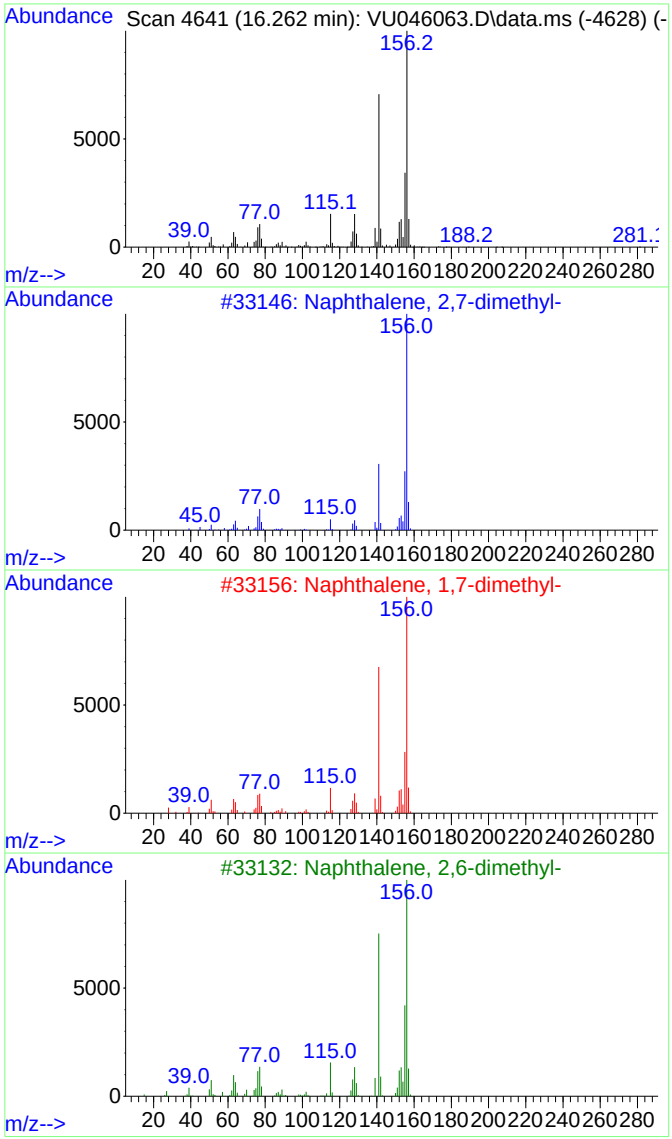
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

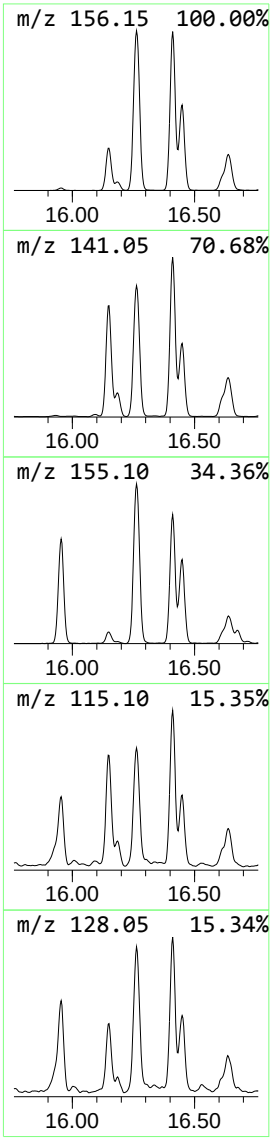
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	86.62 ug/L	1682380	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

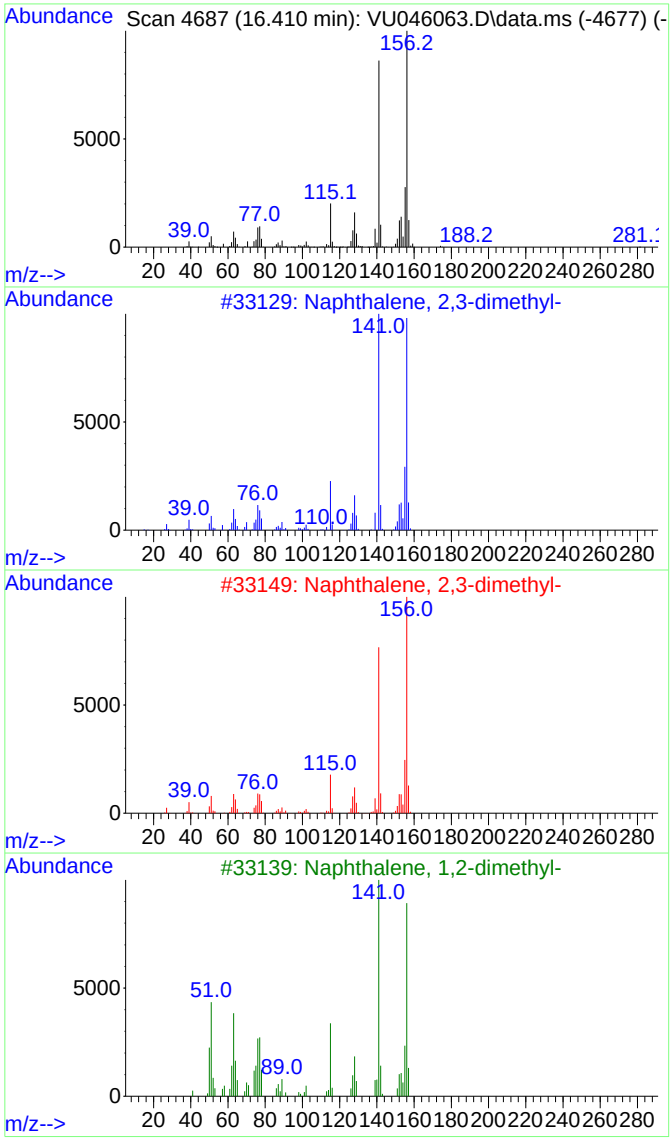
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

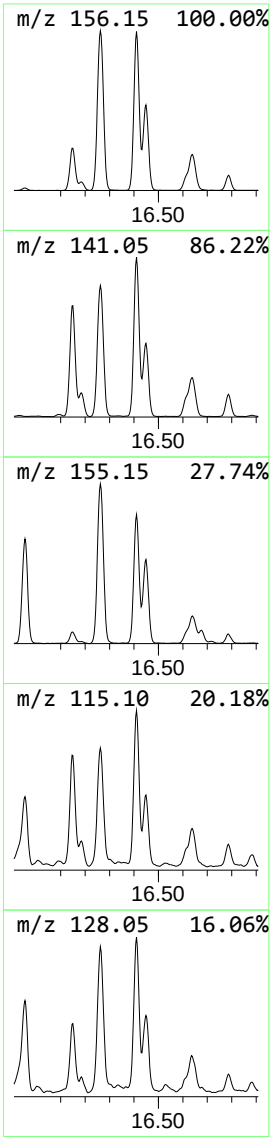
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	68.85 ug/L	1337280	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	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\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

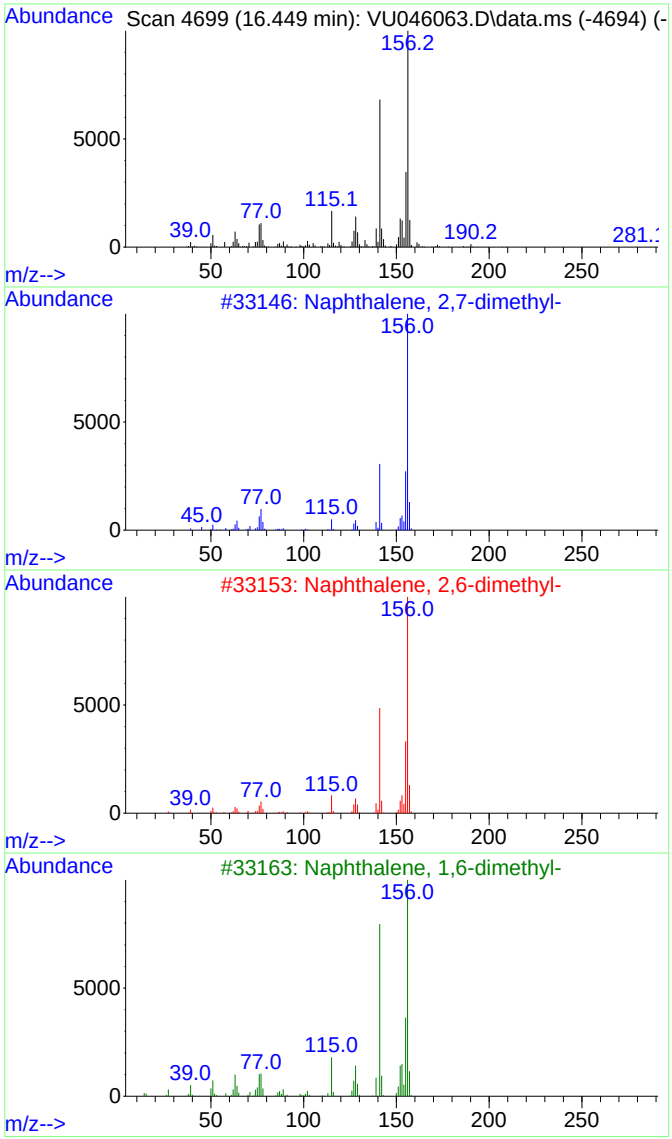
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

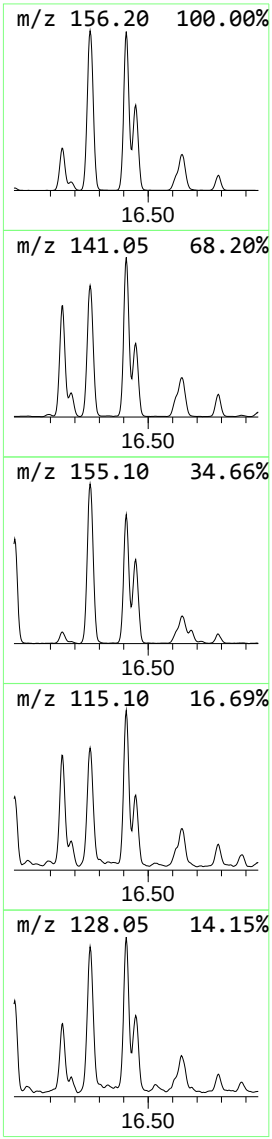
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.449	38.29 ug/L	743713	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

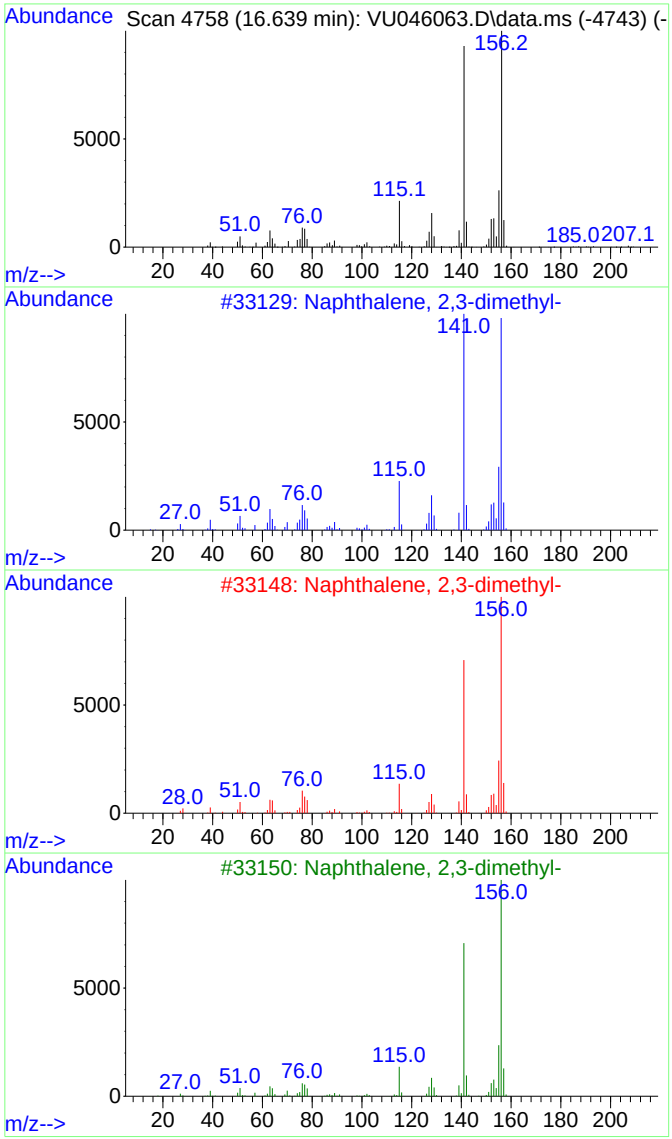
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

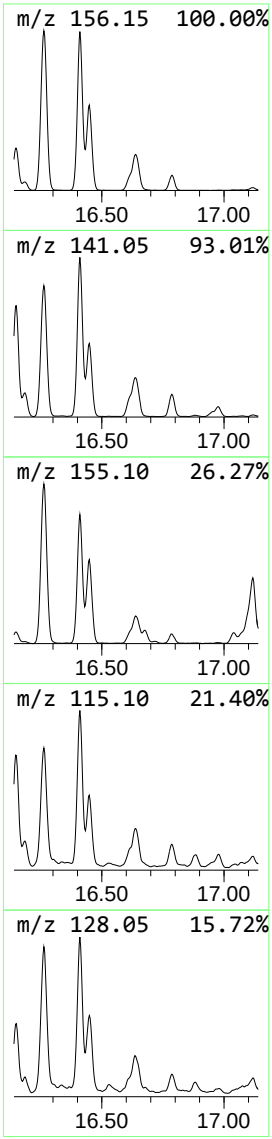
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Naphthalene, 1,2-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	27.49 ug/L	533958	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

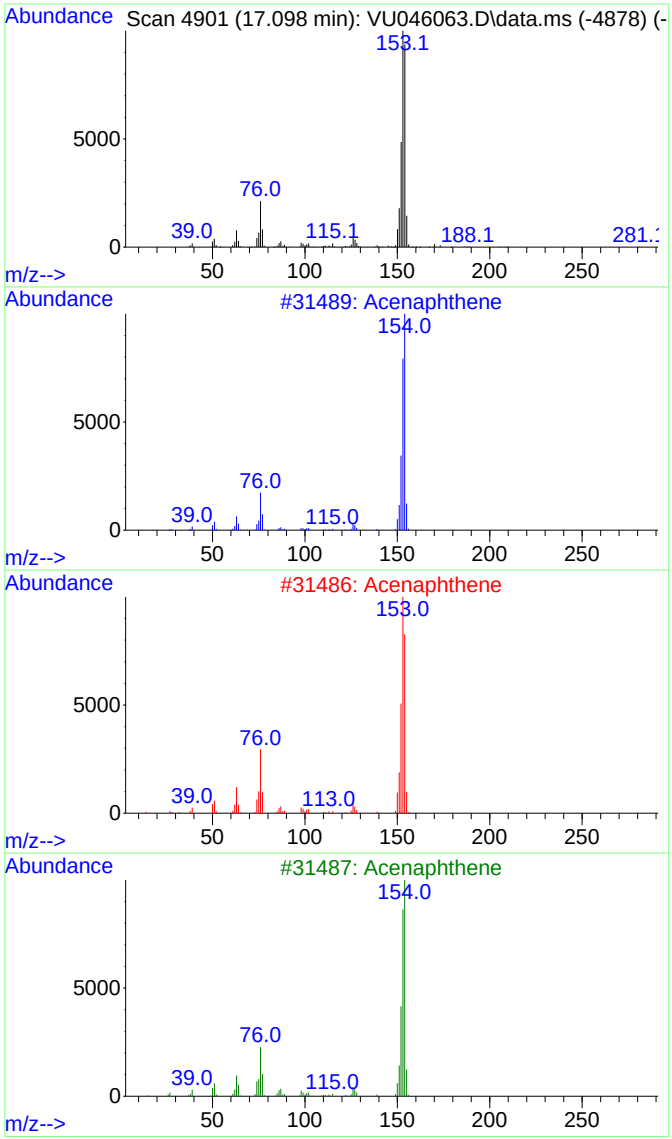
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

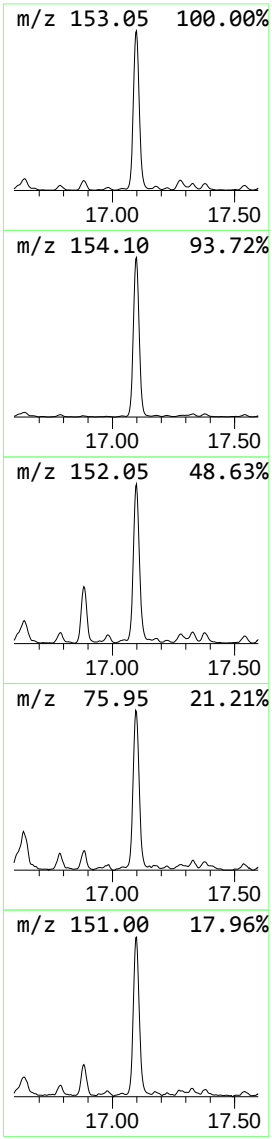
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	42.25 ug/L	820544	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	72
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046063.D
Acq On : 02 Dec 2021 19:19
Operator : SY/MD
Sample : M4870-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6

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: C...	8.790	5.7	ug/L	104861	2	9.420	920194	50.0
(DEL) Alkane: C...	9.169	5.3	ug/L	98086	2	9.420	920194	50.0
(DEL) Alkane: S...	9.214	14.0	ug/L	257914	2	9.420	920194	50.0
(DEL) Alkane: S...	9.337	13.4	ug/L	246111	2	9.420	920194	50.0
(DEL) Alkane: S...	9.745	42.7	ug/L	785054	2	9.420	920194	50.0
2-Hexanone, 5-m...	9.777	37.5	ug/L	689849	2	9.420	920194	50.0
(DEL) Alkane: S...	10.022	17.4	ug/L	320223	2	9.420	920194	50.0
(DEL) Alkane: S...	10.250	31.2	ug/L	573677	2	9.420	920194	50.0
(DEL) Alkane: C...	10.356	17.2	ug/L	316923	2	9.420	920194	50.0
(DEL) Alkane: S...	10.559	19.4	ug/L	357641	2	9.420	920194	50.0
(DEL) Alkane: S...	10.626	24.9	ug/L	483742	3	11.812	971158	50.0
(DEL) Alkane: S...	10.655	23.5	ug/L	455736	3	11.812	971158	50.0
Benzene, propyl-	10.906	17.9	ug/L	346719	3	11.812	971158	50.0
Benzene, 1-ethy...	10.999	136.2	ug/L	2644970	3	11.812	971158	50.0
(DEL) Alkane: C...	11.195	3.8	ug/L	73399	3	11.812	971158	50.0
(DEL) Alkane: C...	11.243	2.8	ug/L	53965	3	11.812	971158	50.0
Benzene, 1-ethy...	11.295	58.0	ug/L	1127000	3	11.812	971158	50.0
(DEL) Alkane: S...	11.417	17.0	ug/L	330715	3	11.812	971158	50.0
unknown-01	11.575	19.3	ug/L	375608	3	11.812	971158	50.0
(DEL) Alkane: S...	11.642	14.9	ug/L	290344	3	11.812	971158	50.0
(DEL) Alkane: C...	11.713	28.2	ug/L	548107	3	11.812	971158	50.0
Benzene, 1,2,3-...	11.896	72.6	ug/L	1410840	3	11.812	971158	50.0
(DEL) Alkane: S...	12.002	11.1	ug/L	214762	3	11.812	971158	50.0
1-Hexanol, 2-et...	12.063	660.3	ug/L	12824800	3	11.812	971158	50.0
(DEL) Alkane: S...	12.330	82.6	ug/L	1603730	3	11.812	971158	50.0
Benzene, 1-meth...	12.382	20.5	ug/L	398415	3	11.812	971158	50.0
Benzene, 2-ethy...	12.468	17.0	ug/L	329488	3	11.812	971158	50.0
Octyl chlorofor...	12.536	17.8	ug/L	345205	3	11.812	971158	50.0
o-Cymene	12.571	14.2	ug/L	274836	3	11.812	971158	50.0
Spiro[5.5]undecane	12.838	15.8	ug/L	307399	3	11.812	971158	50.0
(DEL) Alkane: C...	12.928	14.0	ug/L	271699	3	11.812	971158	50.0
Benzene, 1,2,4,...	12.973	25.7	ug/L	498434	3	11.812	971158	50.0
Benzene, 1,3-di...	13.028	40.5	ug/L	786343	3	11.812	971158	50.0
(DEL) Alkane: S...	13.211	7.7	ug/L	149109	3	11.812	971158	50.0
Indan, 1-methyl-	13.291	13.2	ug/L	256861	3	11.812	971158	50.0
Benzene, 2-bute...	13.452	59.3	ug/L	1152520	3	11.812	971158	50.0
o-Chloroaniline	13.652	101.9	ug/L	1979290	3	11.812	971158	50.0
Azulene	14.095	1315.0	ug/L	25542200	3	11.812	971158	50.0
Benzo[c]thiophene	14.208	38.1	ug/L	739800	3	11.812	971158	50.0
unknown-02	14.279	17.9	ug/L	348055	3	11.812	971158	50.0
Benzene, (butox...	14.423	29.2	ug/L	567745	3	11.812	971158	50.0
Benzene, (1,2-d...	14.674	25.6	ug/L	498105	3	11.812	971158	50.0
Benzo[b]thiophe...	15.343	18.2	ug/L	354060	3	11.812	971158	50.0
Naphthalene, 2-...	15.954	91.0	ug/L	1767790	3	11.812	971158	50.0
Naphthalene, 1-...	16.150	31.8	ug/L	617538	3	11.812	971158	50.0
Naphthalene, 2,...	16.262	86.6	ug/L	1682380	3	11.812	971158	50.0
Naphthalene, 2,...	16.410	68.8	ug/L	1337280	3	11.812	971158	50.0
Naphthalene, 2,...	16.449	38.3	ug/L	743713	3	11.812	971158	50.0
Naphthalene, 1,...	16.639	27.5	ug/L	533958	3	11.812	971158	50.0
Hexa-2,4-diyn-1...	17.098	42.3	ug/L	820544	3	11.812	971158	50.0