LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Title : VOC Analysis

Signal : TIC: VV021597.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.201	44	50	58	rBV2	26442	27414	0.70%	0.057%
2	1.304	74	82	101	rVB	190336	199644	5.08%	0.412%
3	1.564	156	163	174	rVB	135934	148369	3.78%	0.306%
4	2.105	319	331	343	rBV	329293	515848	13.13%	1.065%
5	2.172	343	352	379	rVB	280810	535351	13.62%	1.105%
6	2.326	382	400	403	rBV2	25253	58133	1.48%	0.120%
7	2.510	447	457	469	rVB	13757	23964	0.61%	0.049%
8	2.953	582	595	617	rBV	57534	124648	3.17%	0.257%
9	3.191	657	669	686	rBV	16177	35776	0.91%	0.074%
10	3.696	813	826	869	rBV	267870	684580	17.42%	1.413%
11	3.883	873	884	918	rBV2	166396	538583	13.71%	1.112%
12	4.352	1012	1030	1057	rBV	254090	629815	16.03%	1.300%
13	5.047	1226	1246	1262	rBV2	630643	1615556	41.11%	3.335%
14	5.619	1411	1424	1456	rVB	535487	1072945	27.31%	2.215%
15	5.918	1505	1517	1526	rBV5	31481	68737	1.75%	0.142%
16	5.976	1526	1535	1552	rVV5	28877	97332	2.48%	0.201%
17	6.072	1552	1565	1591	rVV	354458	742393	18.89%	1.533%
18	6.185	1591	1600	1619	rVB	30948	65257	1.66%	0.135%
19	6.989	1836	1850	1874	rBV	203956	376477	9.58%	0.777%
20	7.227	1913	1924	1941	rBV	351149	615114	15.65%	1.270%
21	7.317	1941	1952	1965	rVV	745001	1313184	33.42%	2.711%
22	7.390	1965	1975	1992	rVB	326227	576812	14.68%	1.191%
23	7.622	2037	2047	2063	rBV	140760	246627	6.28%	0.509%
24	7.699	2063	2071	2093	rVB2	32687	67396	1.72%	0.139%
25	8.008	2161	2167	2177	rVB	26914	40523	1.03%	0.084%
26	8.082	2177	2190	2206	rBV2	1454295	2574356	65.52%	5.314%
27	8.259	2237	2245	2263	rBV	124737	221459	5.64%	0.457%
28	8.853	2401	2430	2450	rBV2	846856	1551977	39.50%	3.204%
29	9.014	2471	2480	2490	rVV	96083	146604	3.73%	0.303%
30	9.085	2491	2502	2509	rVV3	55544	107551	2.74%	0.222%
31	9.140	2509	2519	2534	rVB	340482	624633	15.90%	1.289%
32	9.242	2543	2551	2566	rVB	76905	125164	3.19%	0.258%
33	9.329	2568	2578	2586	rVV2	43408	69944	1.78%	0.144%
34	9.384	2586	2595	2613	rVB	118291	191635	4.88%	0.396%
35	9.545	2634	2645	2655	rBV	283625	446274	11.36%	0.921%
36	9.599	2655	2662	2678	rVV	86708	134907	3.43%	0.278%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Title : VOC Analysis

37	9.702	2679	2694	2705	rVV3	92147	212430	5.41%	0.439%
38	9.763	2705	2713	2721	rVV4	55193	93264	2.37%	0.193%
39	9.815	2721	2729	2757	rVV5	46408	119927	3.05%	0.248%
40	9.934	2757	2766	2781	rVB	43292	72149	1.84%	0.149%
41	10.017	2783	2792	2803	rBV2	19009	32639	0.83%	0.067%
42	10.172	2821	2840	2847	rBV2	304456	598575	15.23%	1.236%
43	10.217	2847	2854	2865	rVV	535411	830607	21.14%	1.715%
44	10.278	2865	2873	2882	rVV	176307	263328	6.70%	0.544%
45	10.336	2882	2891	2910	rVV2	308404	633949	16.13%	1.309%
46	10.448	2912	2926	2944	rVV	315849	751567	19.13%	1.551%
47	10.541	2945	2955	2970	rVV2	257284	532930	13.56%	1.100%
48	10.696	2991	3003	3011	rBV	1413498	2133977	54.31%	4.405%
49	10.738	3011	3016	3039	rVB	281733	452143	11.51%	0.933%
50	10.847	3041	3050	3061	rBV	111796	164061	4.18%	0.339%
51	10.914	3061	3071	3087	rVV	572506	852877	21.71%	1.761%
52	11.021	3092	3104	3119	rBV2	1488678	2539258	64.62%	5.242%
53	11.181	3145	3154	3159	rBV2	114718	185736	4.73%	0.383%
54	11.249	3160	3175	3184	rVV2	1023435	1853046	47.16%	3.825%
55	11.307	3184	3193	3215	rVB	2358911	3929363	100.00%	8.111%
56	11.406	3216	3224	3229	rBV	29627	45055	1.15%	0.093%
57	11.442	3229	3235	3244	rVB3	59137	83258	2.12%	0.172%
58	11.529	3244	3262	3283	rBV	2035505	3556779	90.52%	7.342%
59	11.625	3283	3292	3307	rVV	813449	1418473	36.10%	2.928%
60	11.702	3308	3316	3325	rVV	188996	299665	7.63%	0.619%
61	11.747	3326	3330	3336	rVB4	21574	24151	0.61%	0.050%
62	11.828	3345	3355	3373	rBV2	312063	510611	12.99%	1.054%
63	11.921	3373	3384	3396	rBV	1516880	2451807	62.40%	5.061%
64	12.021	3407	3415	3431	rVB3	119514	230448	5.86%	0.476%
65	12.107	3432	3442	3456	rBV5	56920	133065	3.39%	0.275%
66	12.181	3458	3465	3483	rVV4	68045	175980	4.48%	0.363%
67	12.287	3484	3498	3515	rVB6	185288	464523	11.82%	0.959%
68	12.397	3523	3532	3543	rBV6	44760	97813	2.49%	0.202%
69	12.464	3543	3553	3567	rVB3	481526	781039	19.88%	1.612%
70	12.554	3568	3581	3597	rVB	328507	533209	13.57%	1.101%
71	12.683	3610	3621	3627	rBV5	31969	66322	1.69%	0.137%
72	12.779	3642	3651	3663	rBV4	184474	343025	8.73%	0.708%
73	12.837	3663	3669	3677	rVV8	62061	123544	3.14%	0.255%
74	12.885	3678	3684	3693	rVV3	67662	134668	3.43%	0.278%
75	12.937	3694	3700	3708	rVB	70287	99003	2.52%	0.204%
76	12.988	3709	3716	3725	rVB6	38463	60617	1.54%	0.125%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Title : VOC Analysis

77	13.049	3726	3735	3746	rBV4	37204	83540	2.13%	0.172%
78	13.117	3747	3756	3765	rVV4	75932	120537	3.07%	0.249%
79	13.184	3765	3777	3792	rVV2	167916	331685	8.44%	0.685%
80	13.271	3793	3804	3817	rVB5	87913	166163	4.23%	0.343%
81	13.384	3827	3839	3841	rBV	127454	159727	4.06%	0.330%
82	13.416	3841	3849	3861	rVB	558034	917259	23.34%	1.894%
83	13.506	3870	3877	3896	rVB	129609	219437	5.58%	0.453%
84	13.622	3897	3913	3921	rBV7	52063	129960	3.31%	0.268%
85	13.750	3944	3953	3962	rBV3	57762	93879	2.39%	0.194%
86	13.811	3962	3972	3987	rVV3	225003	430026	10.94%	0.888%
87	13.882	3987	3994	4010	rVB	59582	109511	2.79%	0.226%
88	13.969	4011	4021	4029	rBV8	42680	75949	1.93%	0.157%
89	14.024	4029	4038	4047	rBV	216472	309549	7.88%	0.639%
90	14.075	4047	4054	4061	rBV5	28018	38941	0.99%	0.080%
91	14.197	4082	4092	4109	rBV	220291	355894	9.06%	0.735%
92	14.339	4129	4136	4143	rVB3	24552	33140	0.84%	0.068%
93	14.609	4212	4220	4224	rVV2	34119	52005	1.32%	0.107%
94	14.635	4225	4228	4236	rVB	31897	37650	0.96%	0.078%
95	14.779	4262	4273	4278	rBV4	29070	51552	1.31%	0.106%
96	14.824	4279	4287	4296	rVB3	52101	94707	2.41%	0.196%
97	15.075	4354	4365	4371	rBV2	17445	31140	0.79%	0.064%
98	15.811	4583	4594	4601	rBV7	21736	41743	1.06%	0.086%
99	16.435	4779	4788	4798	rBV3	18873	30186	0.77%	0.062%
100	17.097	4986	4994	5004	rBV4	15807	28275	0.72%	0.058%

Sum of corrected areas: 48442318

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
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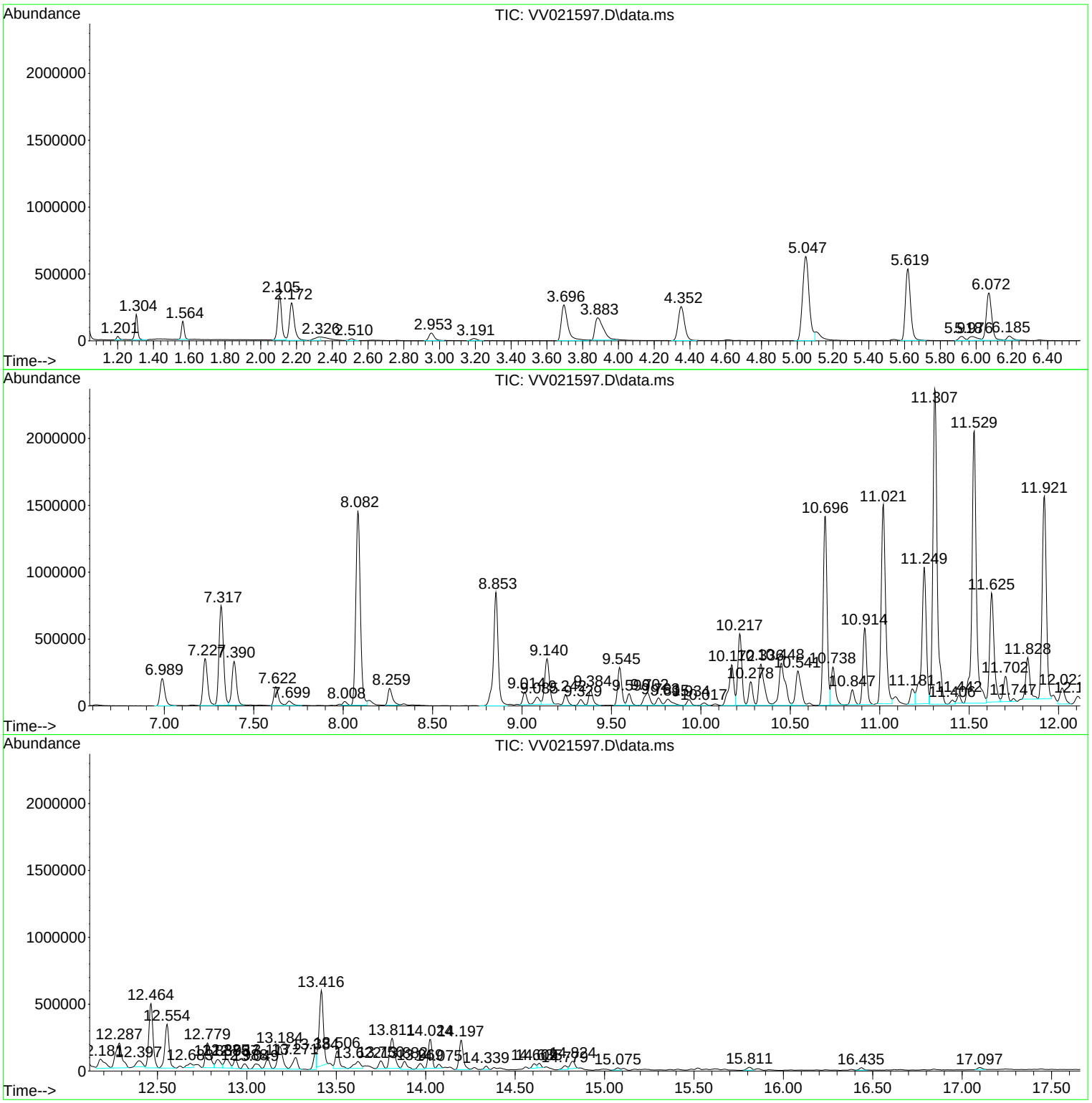
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
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Instrument : MSVOA_V
ClientSampleId : DBK23DL

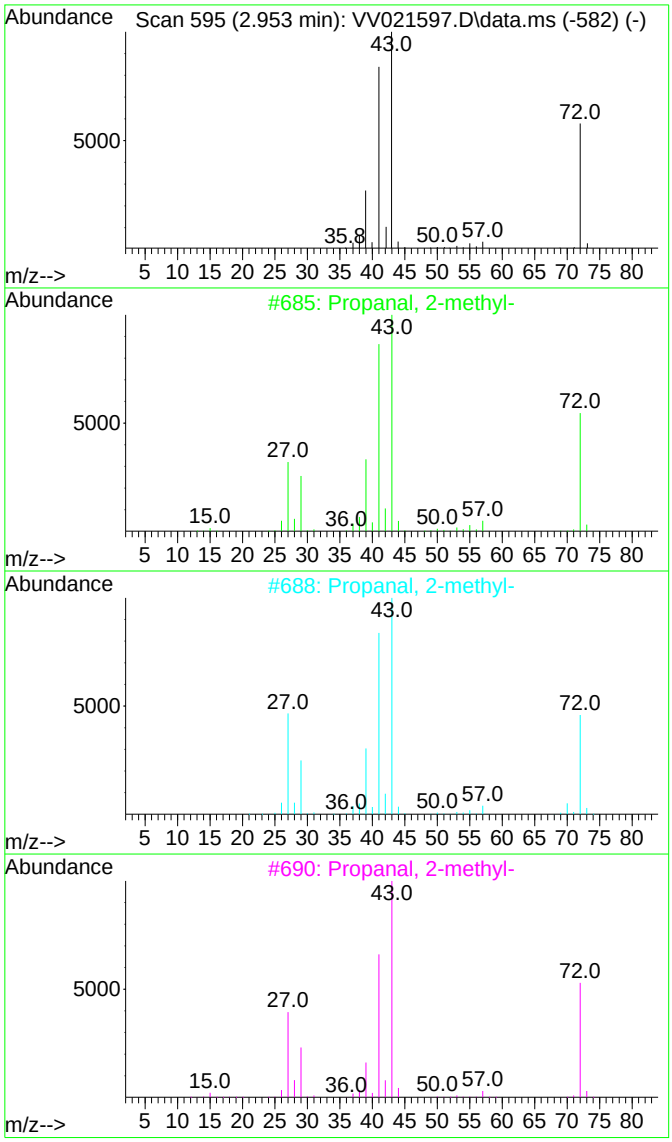
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

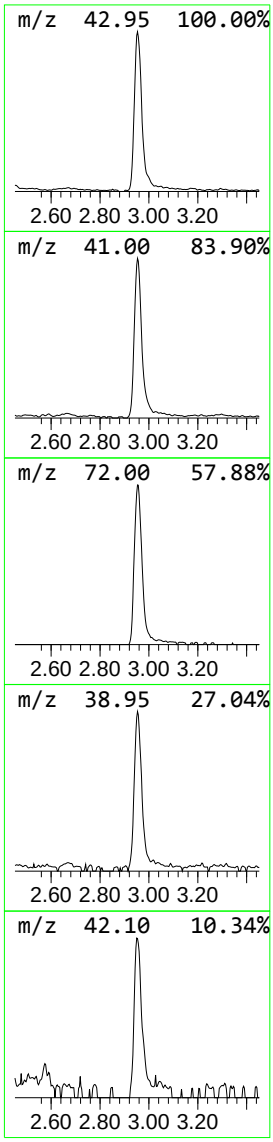
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanal, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.953	5.81 ug/L	124648	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	87
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	72
4	Isobutylene epoxide	72	C4H8O	000558-30-5	64
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

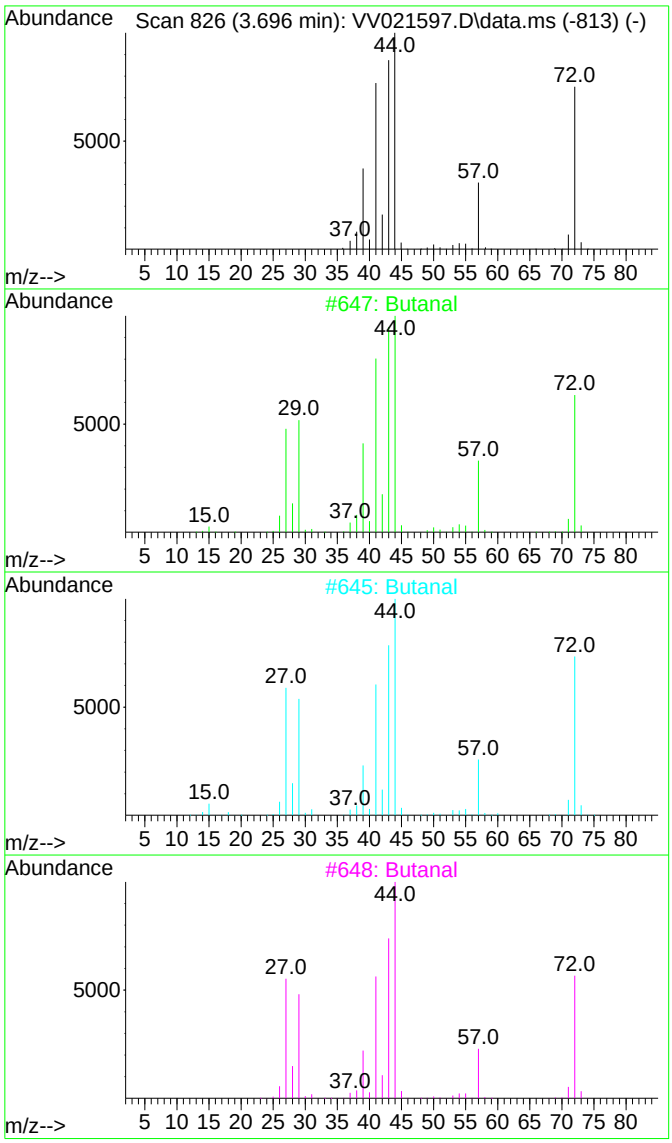
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

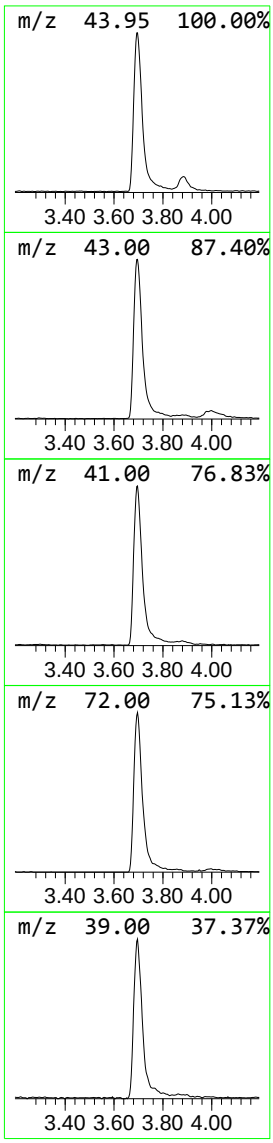
****

Peak Number 3 Butanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.696	31.90 ug/L	684580	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	91
4	Butanal	72	C4H8O	000123-72-8	91
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	72





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Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

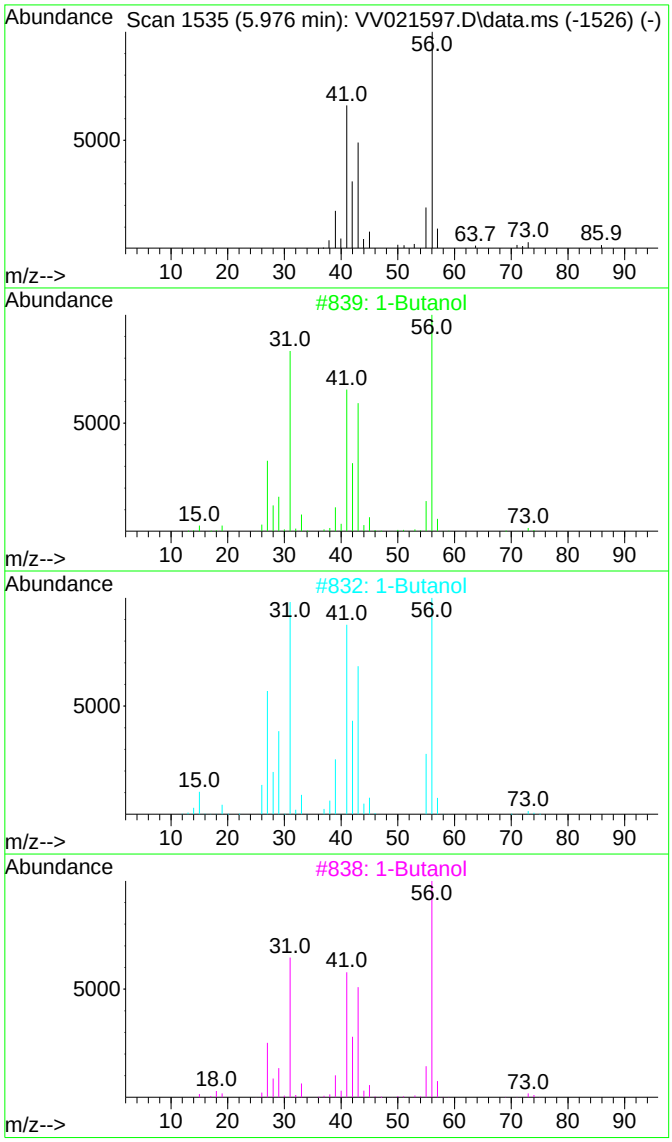
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

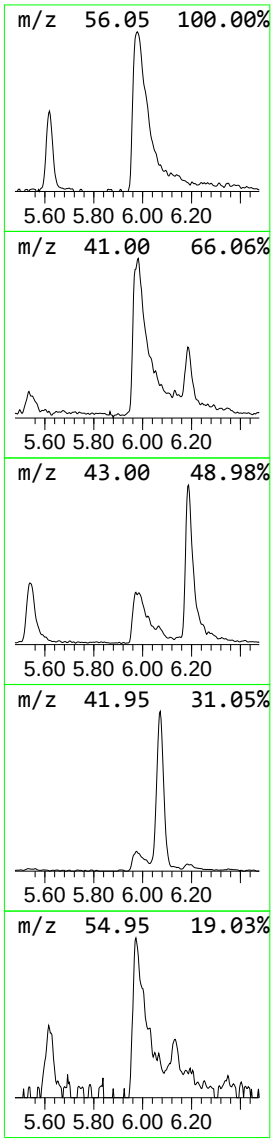
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Butanol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.976	4.54 ug/L	97332	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	83
2	1-Butanol	74	C4H10O	000071-36-3	78
3	1-Butanol	74	C4H10O	000071-36-3	64
4	1-Butanol	74	C4H10O	000071-36-3	56
5	1-Butanol	74	C4H10O	000071-36-3	50





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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

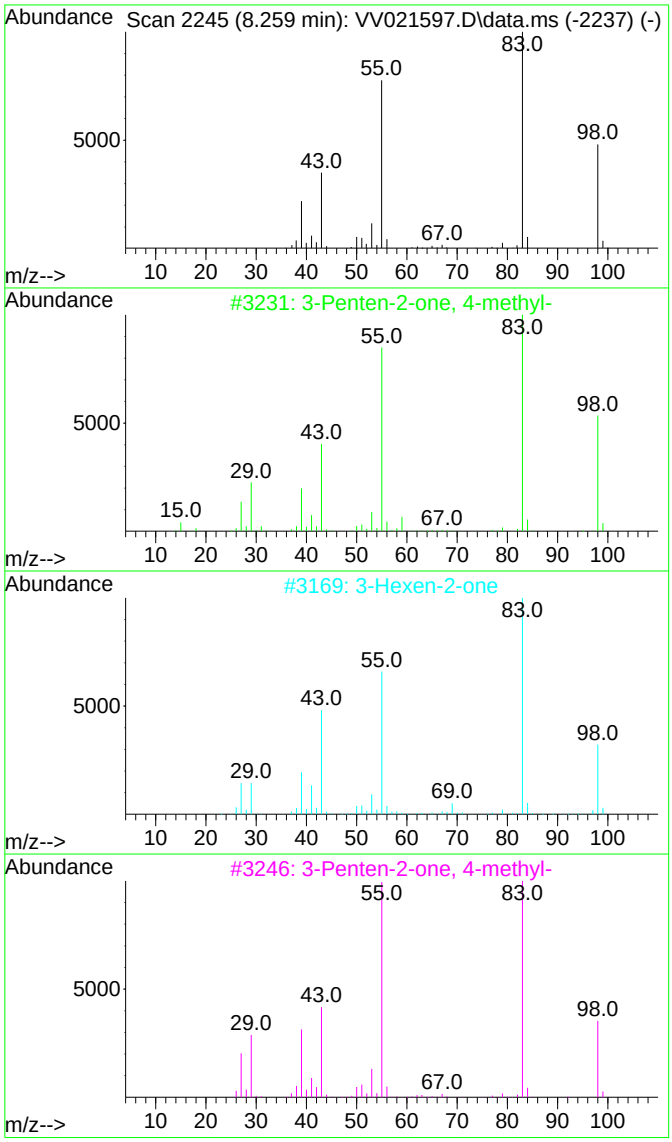
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

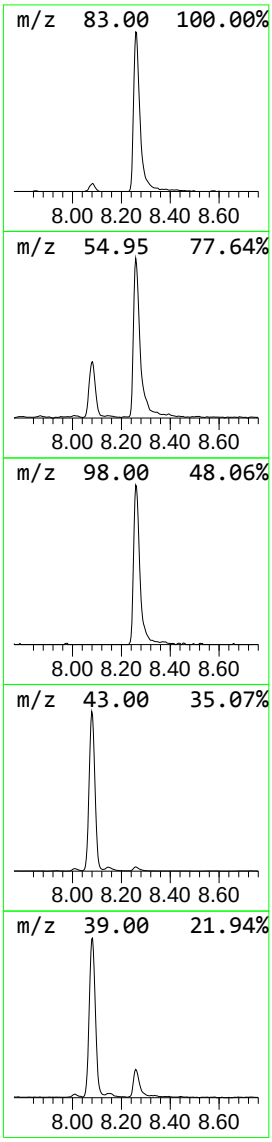
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3-Penten-2-one, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.259	7.13 ug/L	221459	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
5	2,4-Azetidinedione, 3,3-diethyl-	141	C7H11NO2	042282-85-9	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

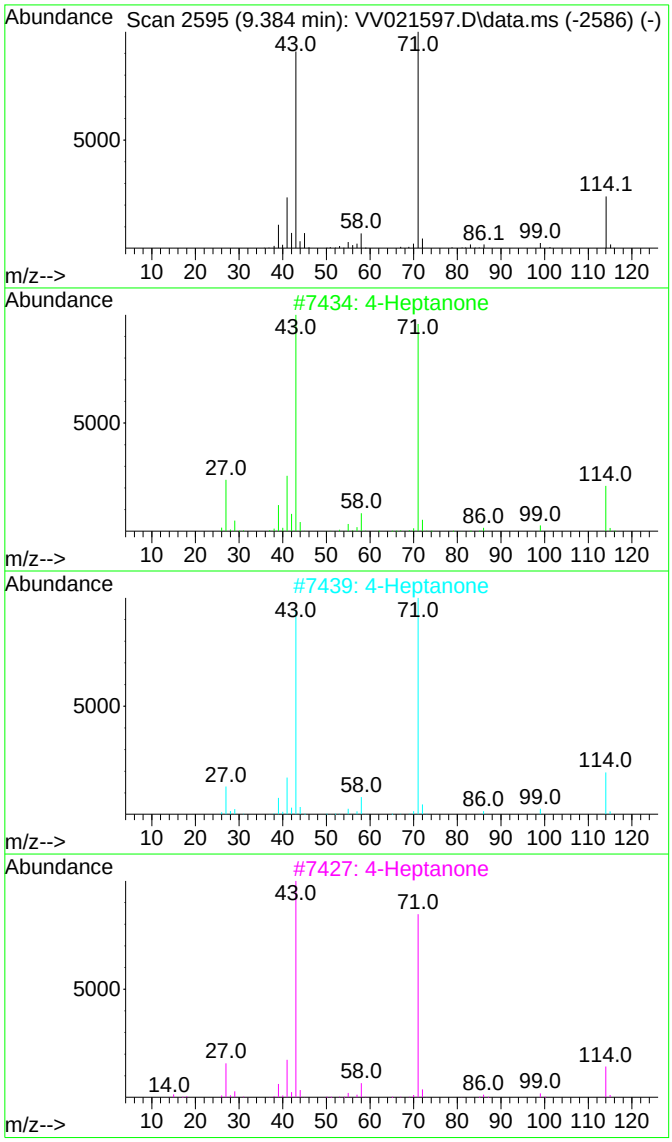
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

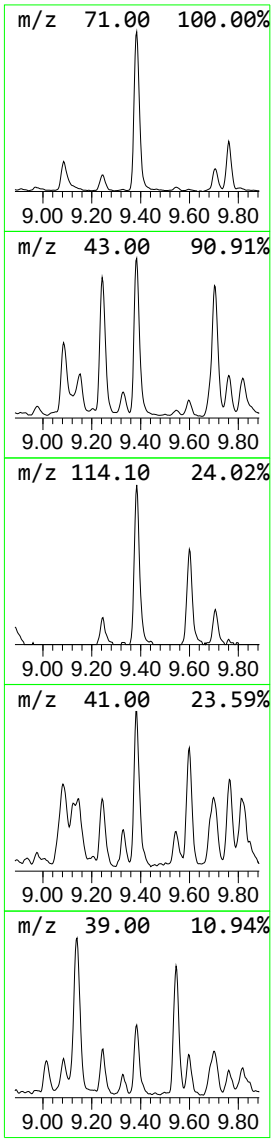
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4-Heptanone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.384	6.17 ug/L	191635	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	91
2	4-Heptanone	114	C7H14O	000123-19-3	90
3	4-Heptanone	114	C7H14O	000123-19-3	78
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	78
5	4-Heptanone	114	C7H14O	000123-19-3	72





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Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

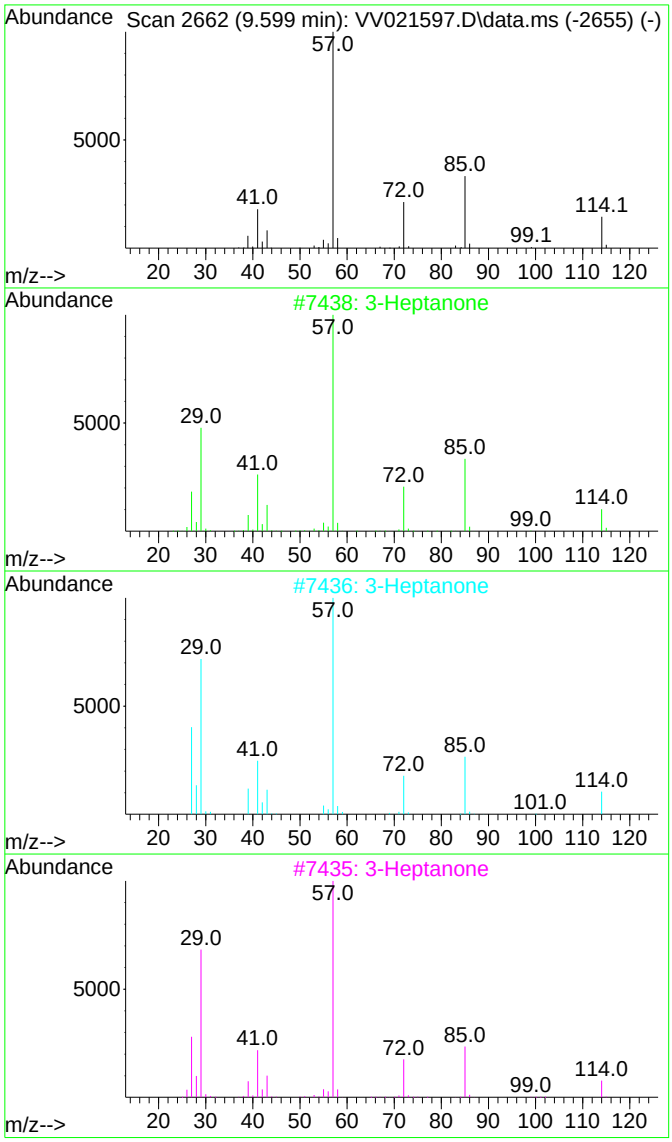
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

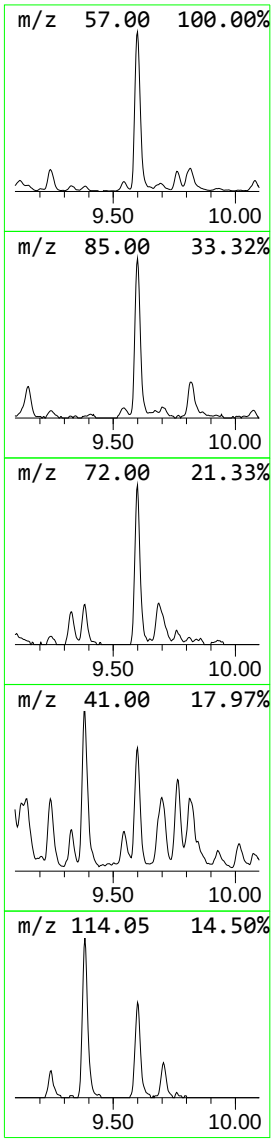
****

Peak Number 11 3-Heptanone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.599	4.35 ug/L	134907	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	91
2	3-Heptanone	114	C7H14O	000106-35-4	86
3	3-Heptanone	114	C7H14O	000106-35-4	86
4	3-Heptanone	114	C7H14O	000106-35-4	83
5	3,5-Octanedione, 2,2,4,7-tetrame...	198	C12H22O2	1000161-72-3	64





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Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

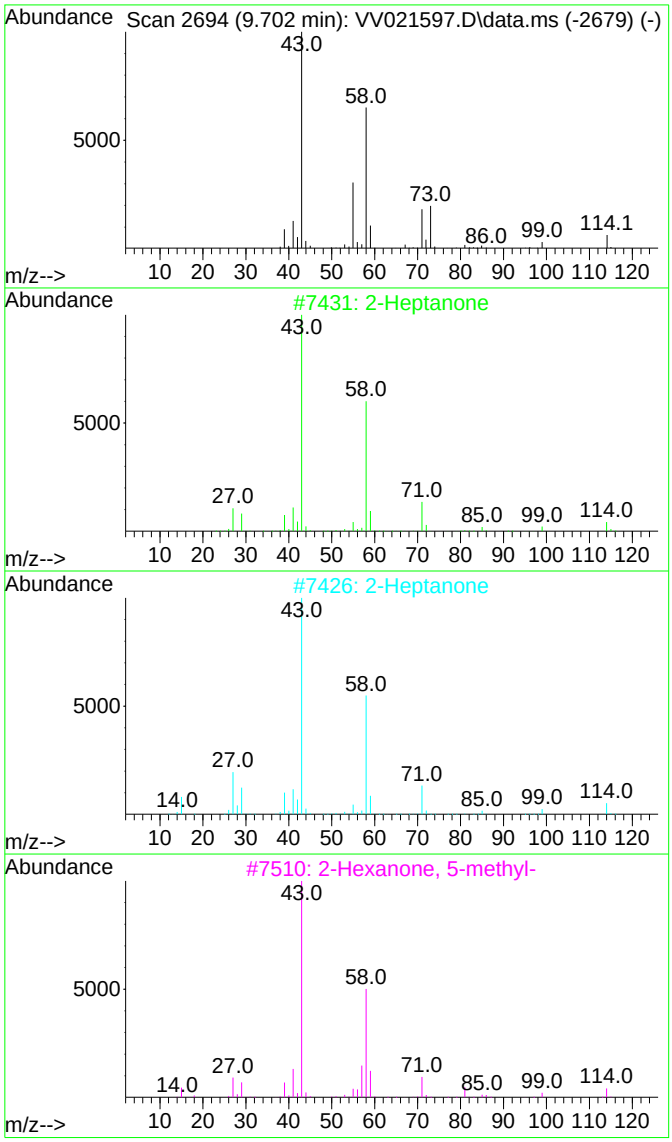
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

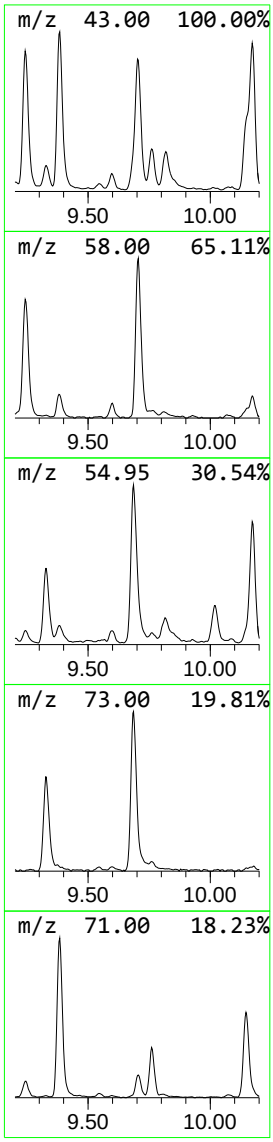
****

Peak Number 12 2-Heptanone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.702	6.84 ug/L	212430	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	74
2	2-Heptanone	114	C7H14O	000110-43-0	72
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	64
4	2-Heptanone	114	C7H14O	000110-43-0	59
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	59





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Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

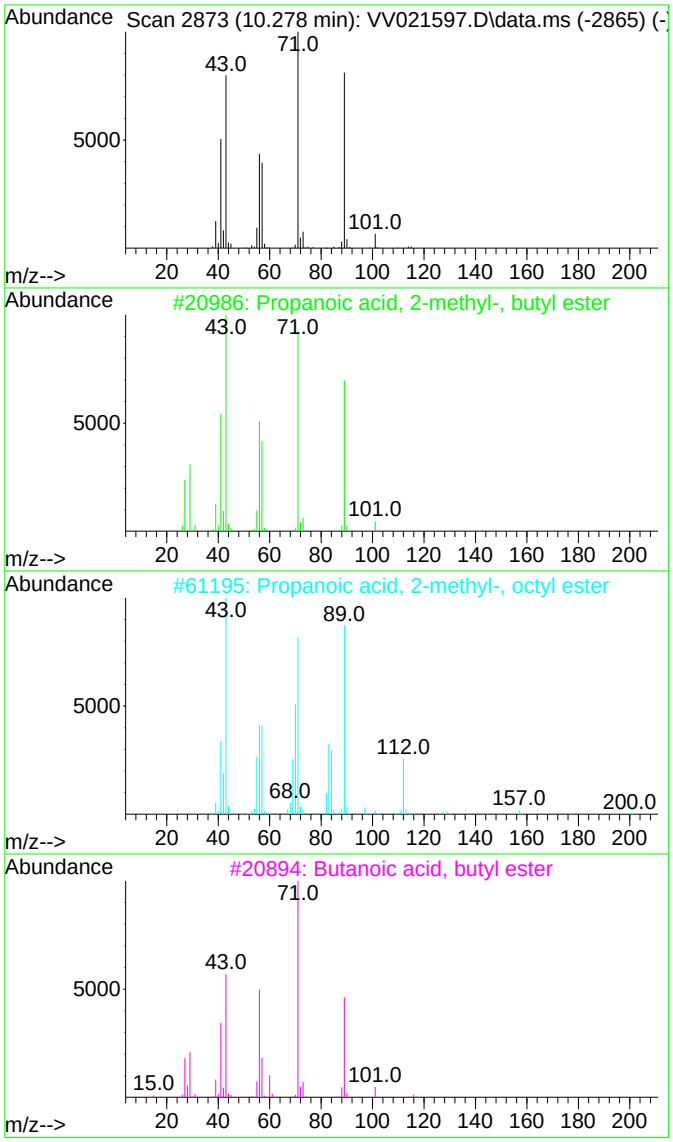
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

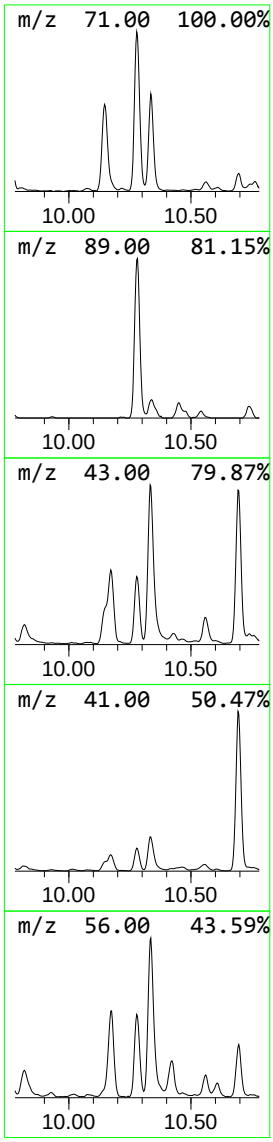
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Propanoic acid, 2-methyl-, ... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.278	7.11 ug/L	263328	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	90
2	Propanoic acid, 2-methyl-, octyl...	200	C12H24O2	000109-15-9	83
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	83
4	Propanoic acid, 2-methyl-, octyl...	200	C12H24O2	000109-15-9	74
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	74





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Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

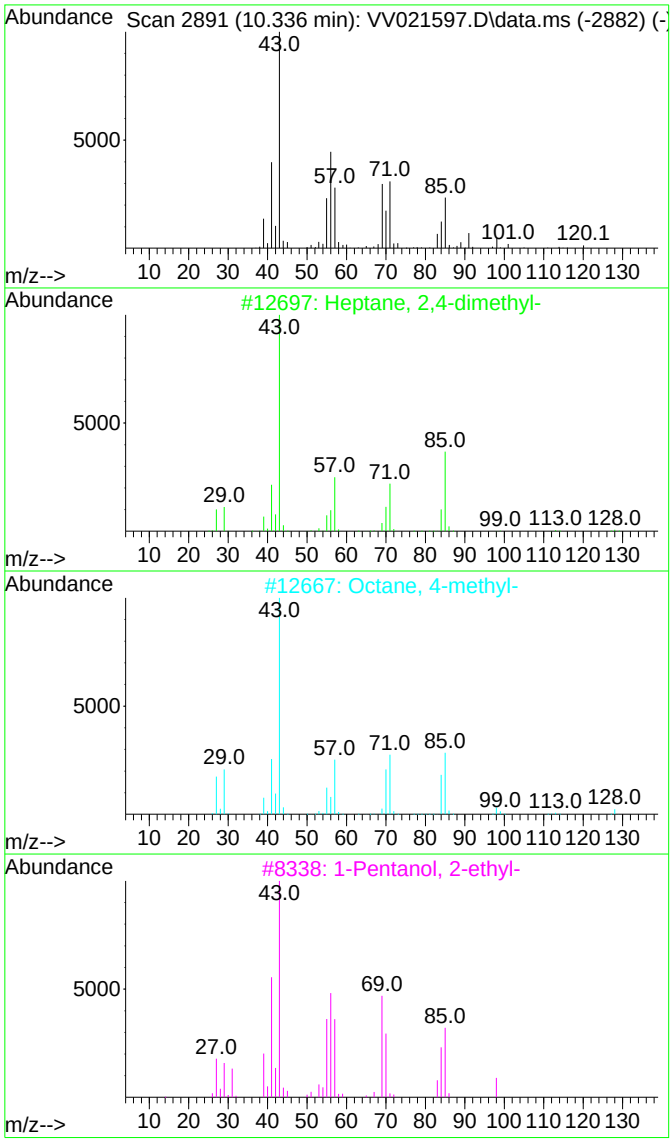
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

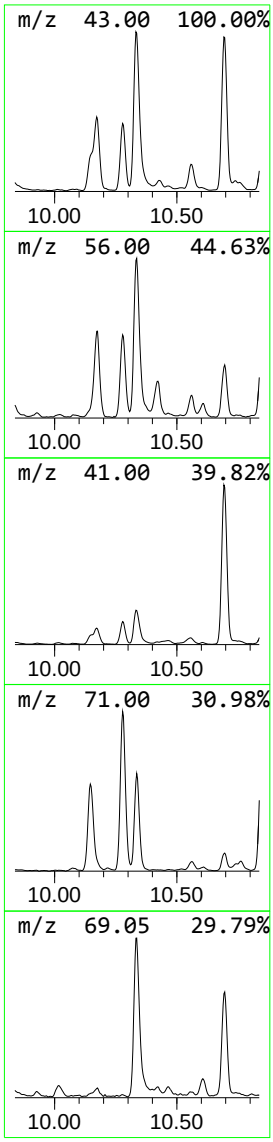
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.336	17.11 ug/L	633949	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
2	Octane, 4-methyl-	128	C9H20	002216-34-4	47
3	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	47
4	Octane, 4-methyl-	128	C9H20	002216-34-4	43
5	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	43





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Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

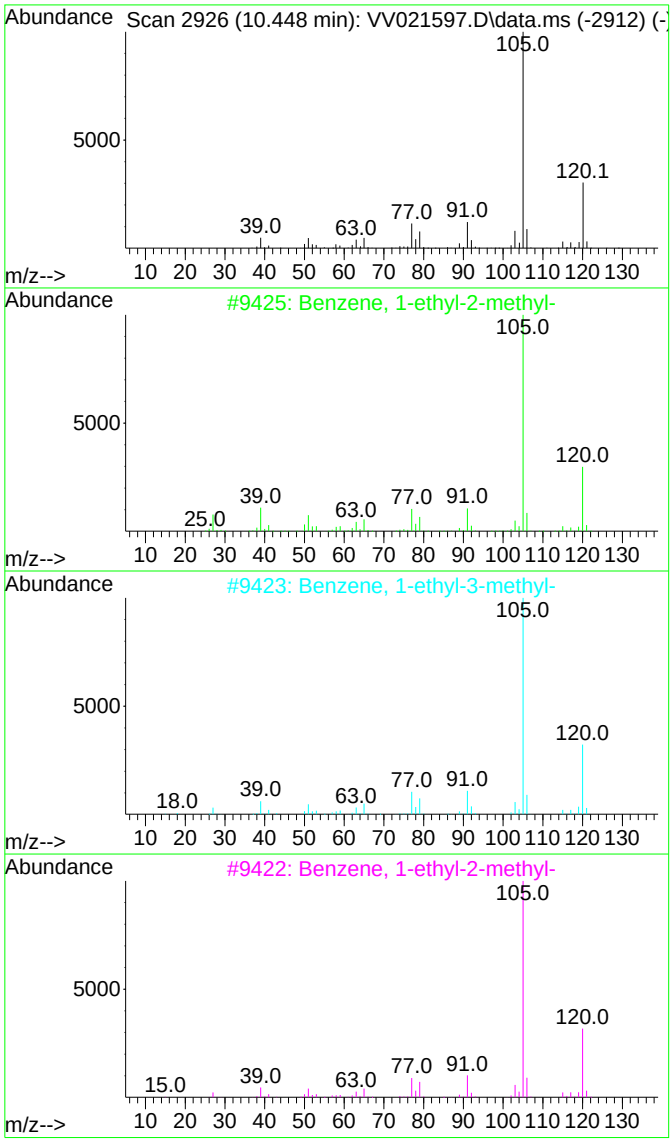
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

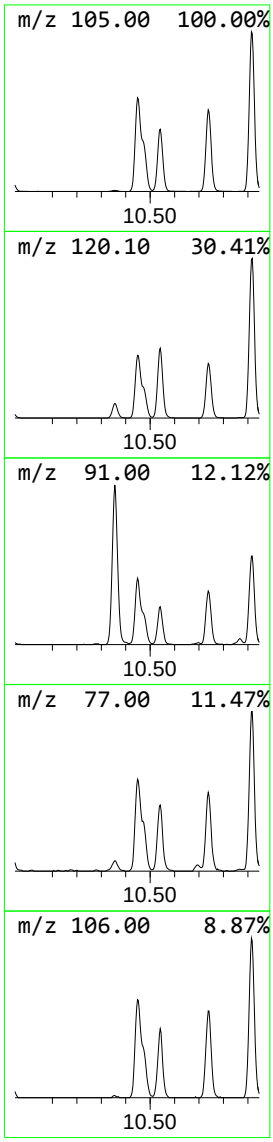
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	20.28 ug/L	751567	1,4-Dichlorobenzene-d4	11.252

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





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Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

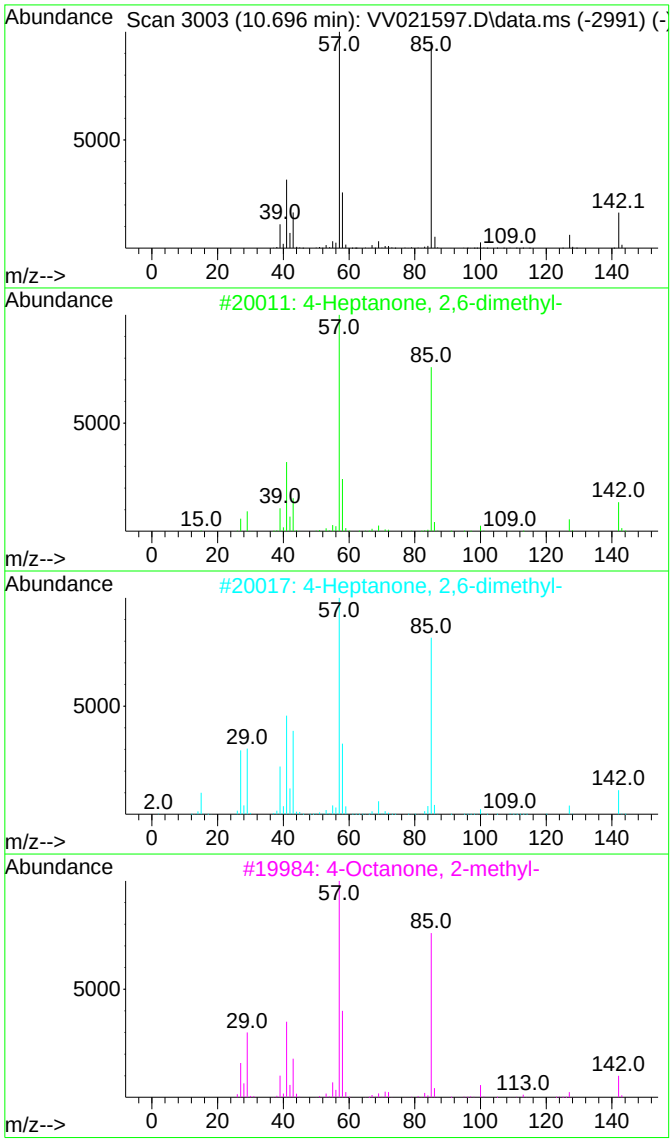
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

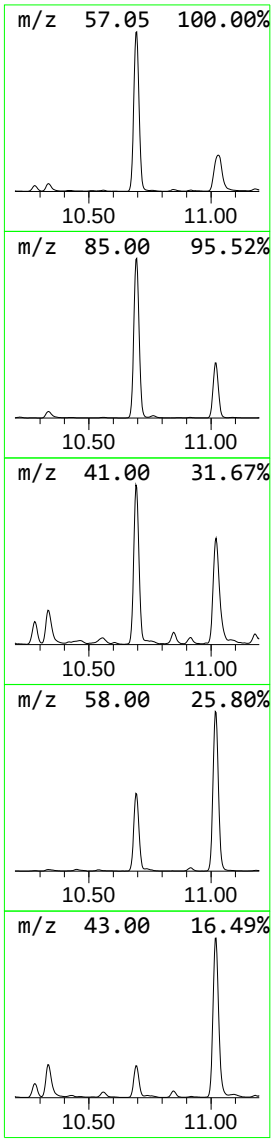
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4-Heptanone, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.696	57.58 ug/L	2133980	1,4-Dichlorobenzene-d4	11.252

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





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Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

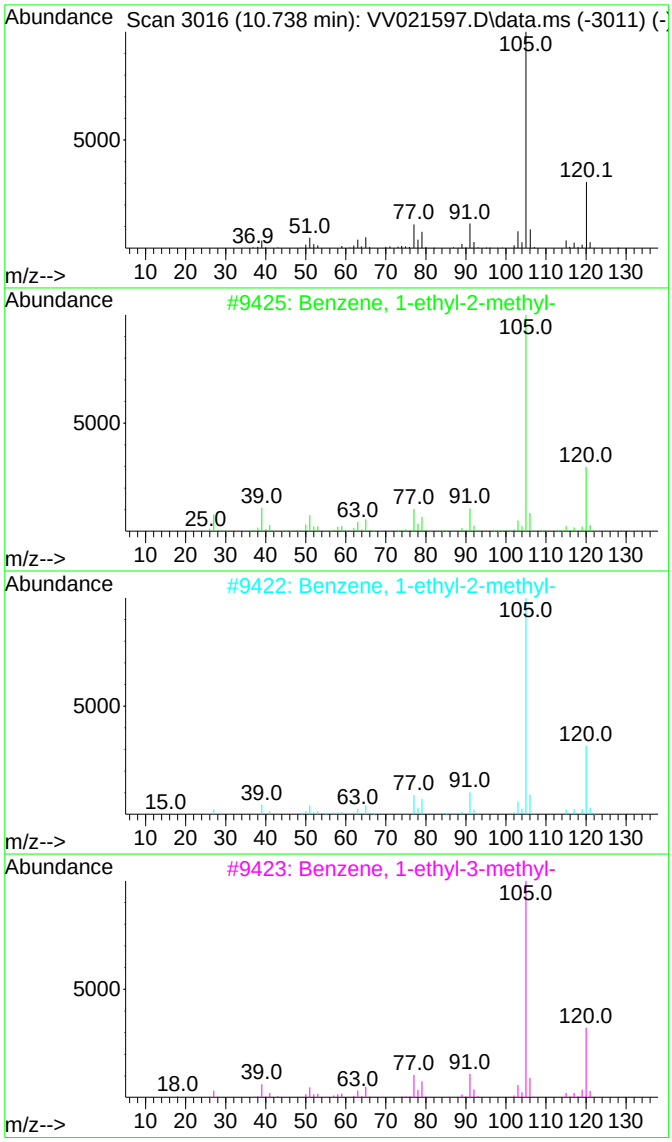
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

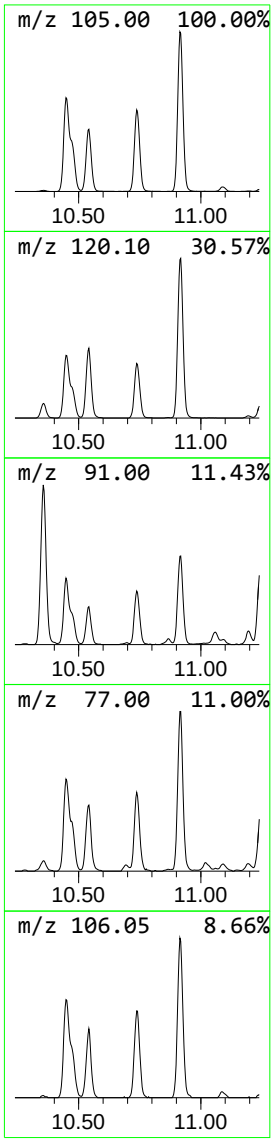
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	12.20 ug/L	452143	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





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Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

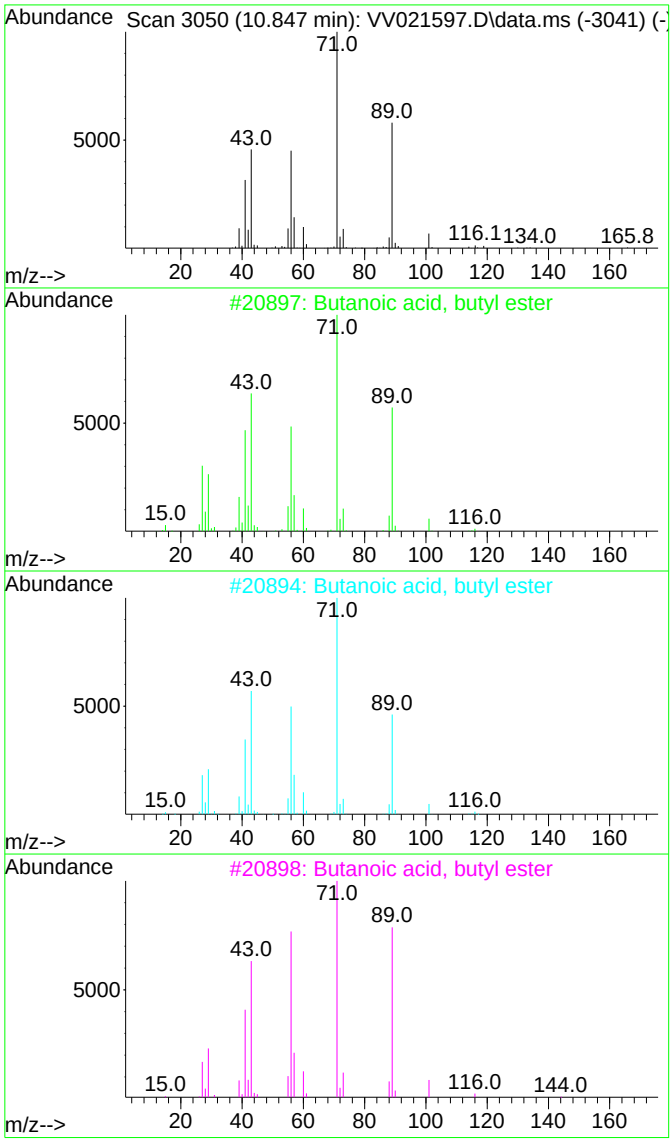
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

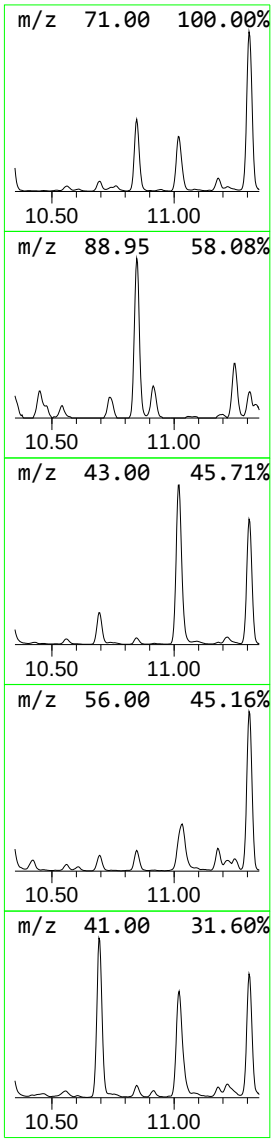
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Butanoic acid, butyl ester Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	4.43 ug/L	164061	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	90
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	86
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
4	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	64
5	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	59





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Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

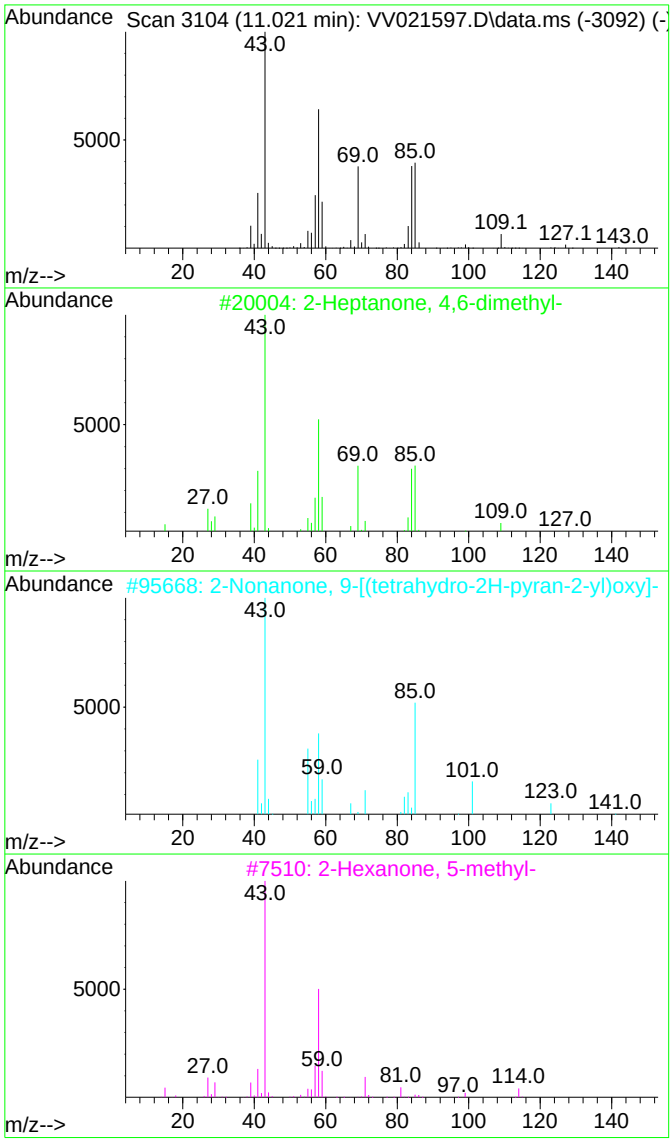
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

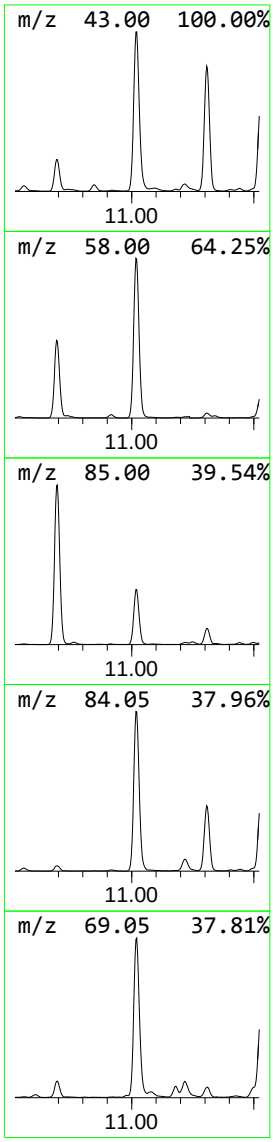
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2-Heptanone, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.021	68.52 ug/L	2539260	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Nonanone, 9-[(tetrahydro-2H-py...	242	C14H26O3	054699-41-1	64
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	38
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	35





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Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

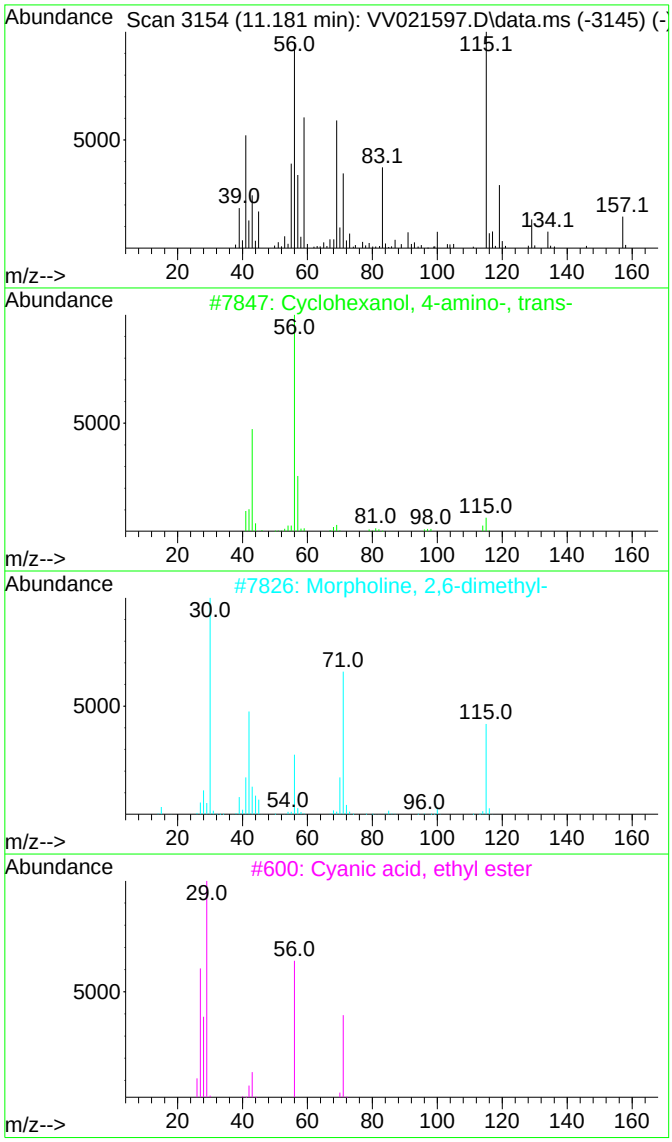
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

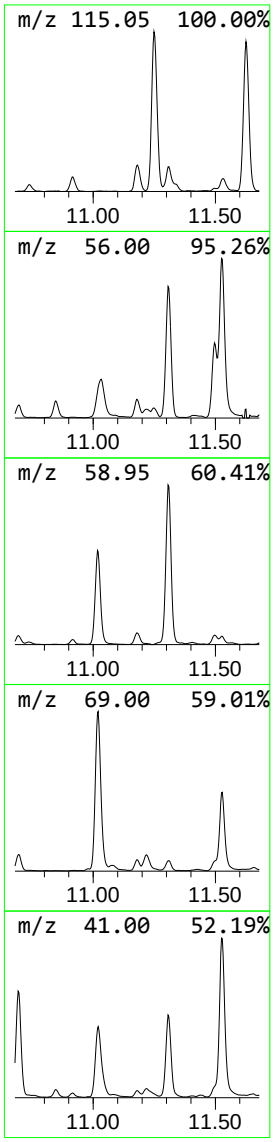
****

Peak Number 22 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	5.01 ug/L	185736	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	46
2	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	43
3	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	25
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	22
5	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	22





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Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

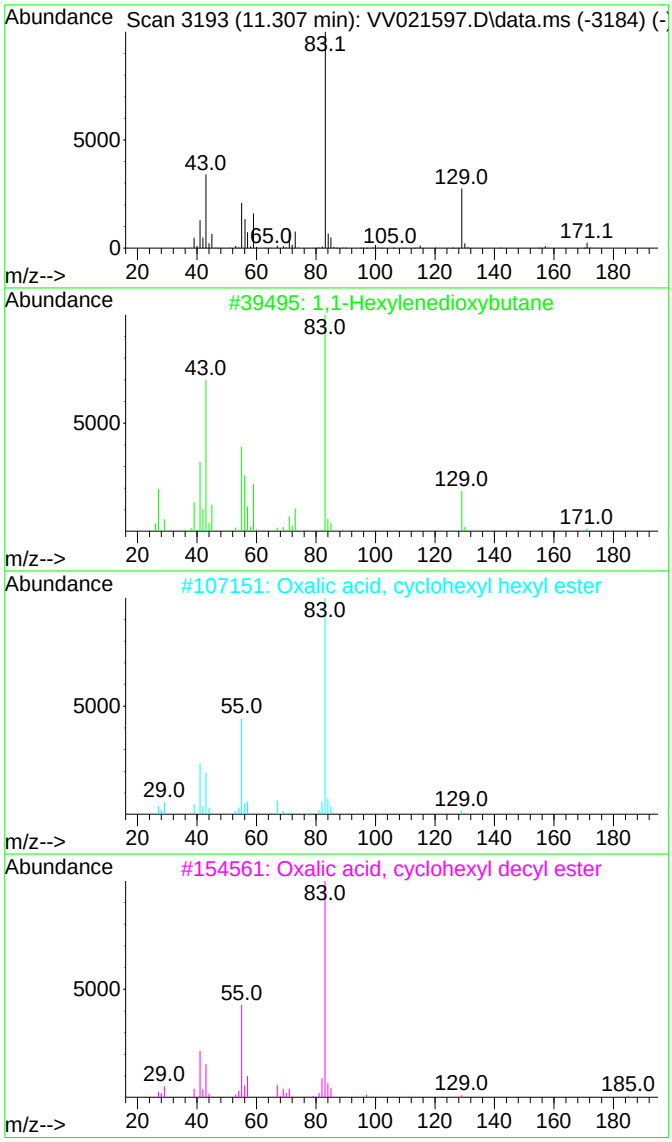
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

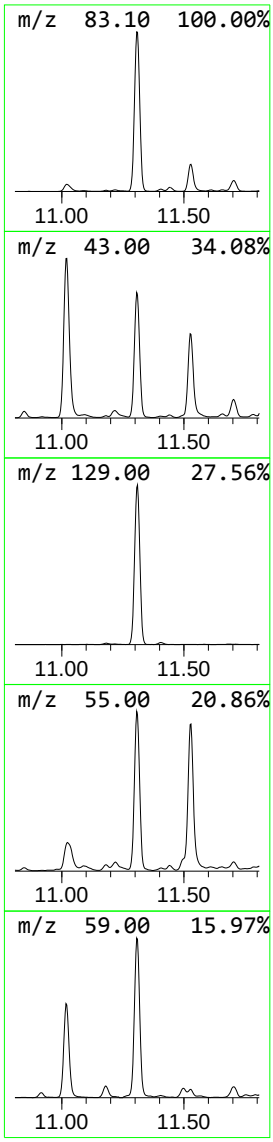
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1-Hexylenedioxybutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.307	106.02 ug/L	3929360	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	74
2	Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	53
3	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	40
4	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	40
5	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

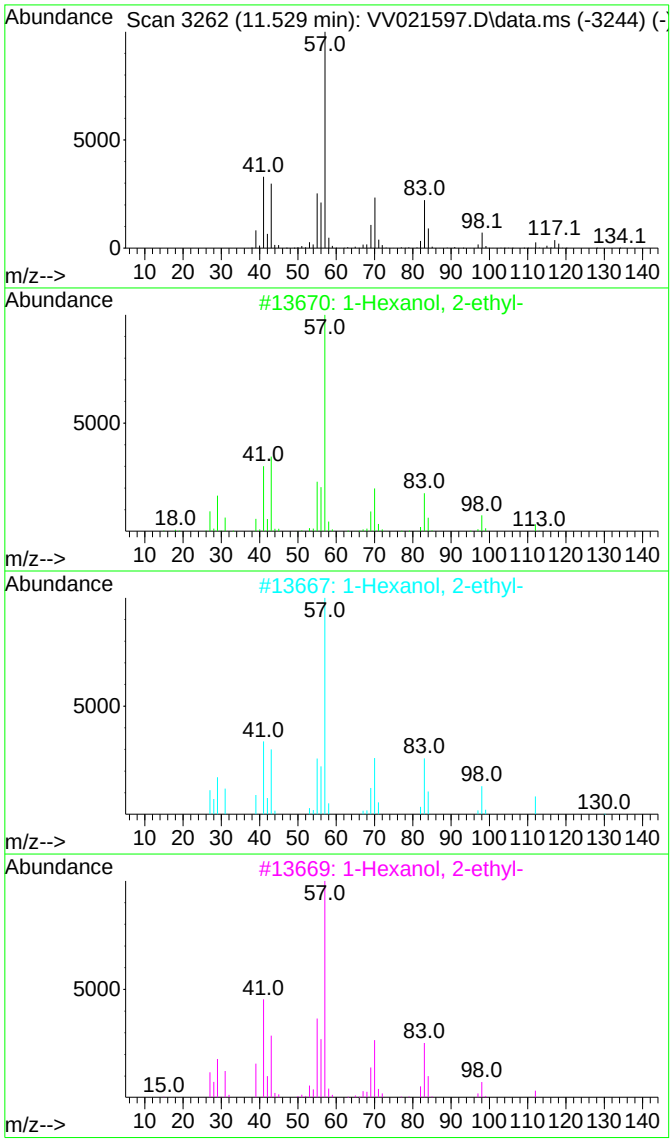
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

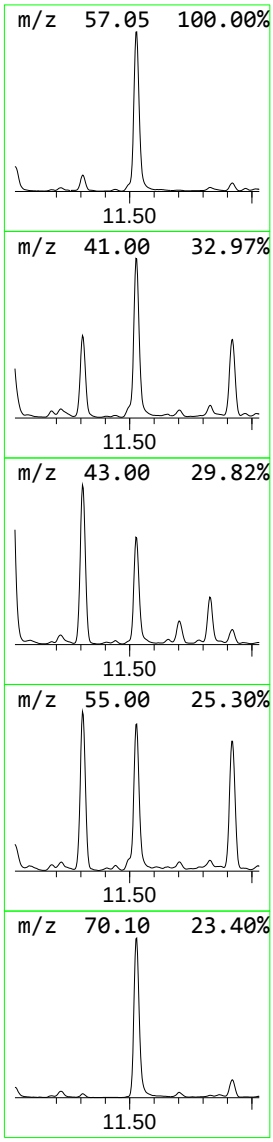
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	95.97 ug/L	3556780	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

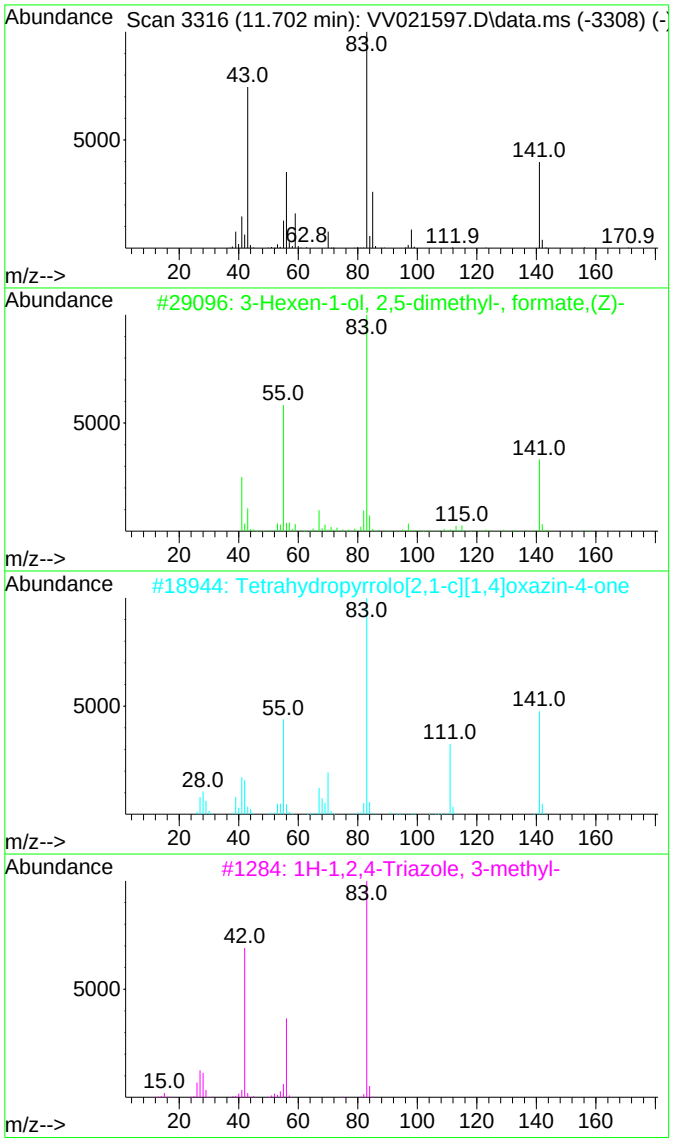
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

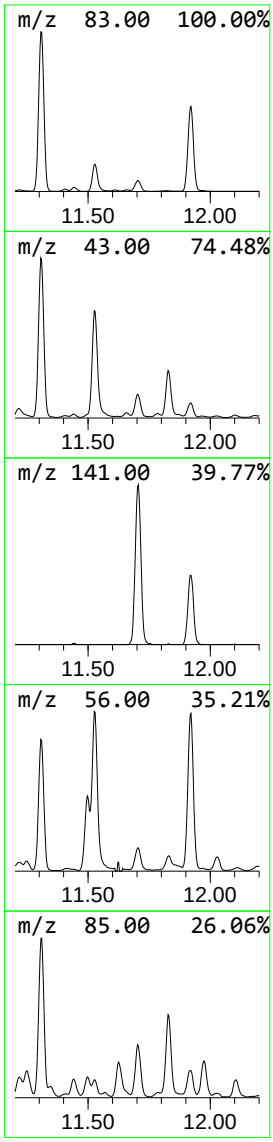
****

Peak Number 25 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.702	8.09 ug/L	299665	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, 2,5-dimethyl-, for...	156	C9H16O2	1000132-12-3	47
2	Tetrahydropyrrolo[2,1-c][1,4]oxa...	141	C7H11NO2	101250-37-7	47
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	38
4	2,4-Dimethylpentan-3-yl (E)-2-me...	198	C12H22O2	1000373-75-5	17
5	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

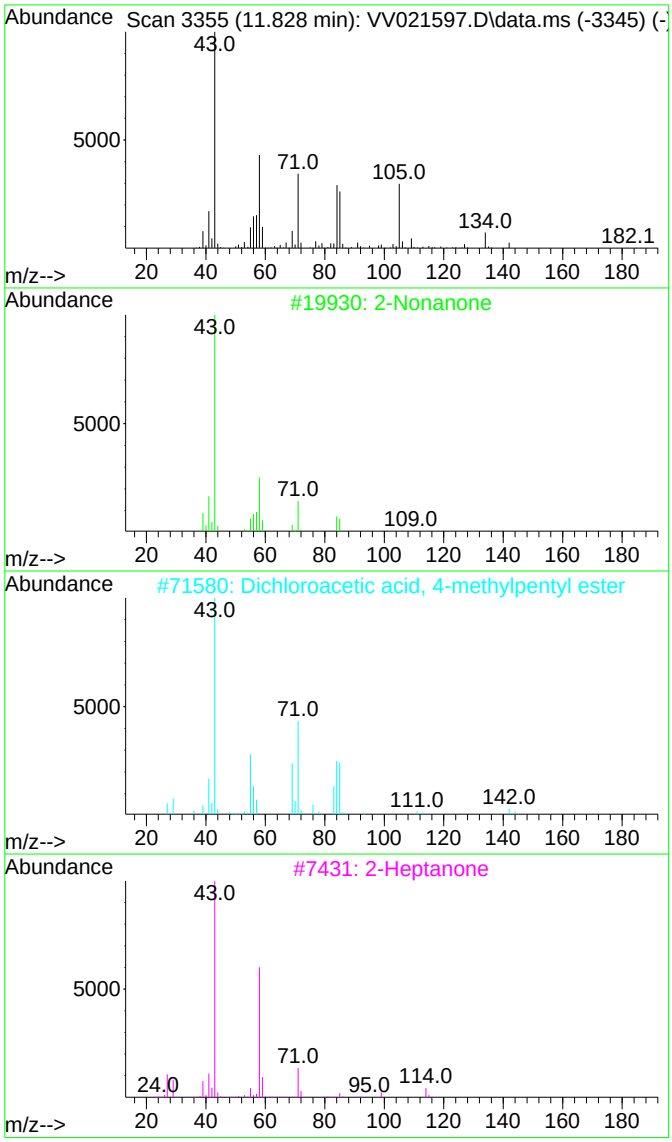
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

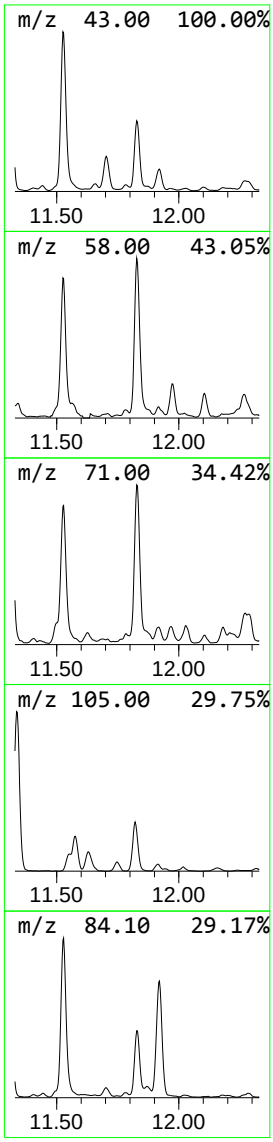
****

Peak Number 26 2-Nonanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	13.78 ug/L	510611	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	64
2	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	35
3	2-Heptanone	114	C7H14O	000110-43-0	27
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	27
5	Octane, 2-methyl-	128	C9H20	003221-61-2	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

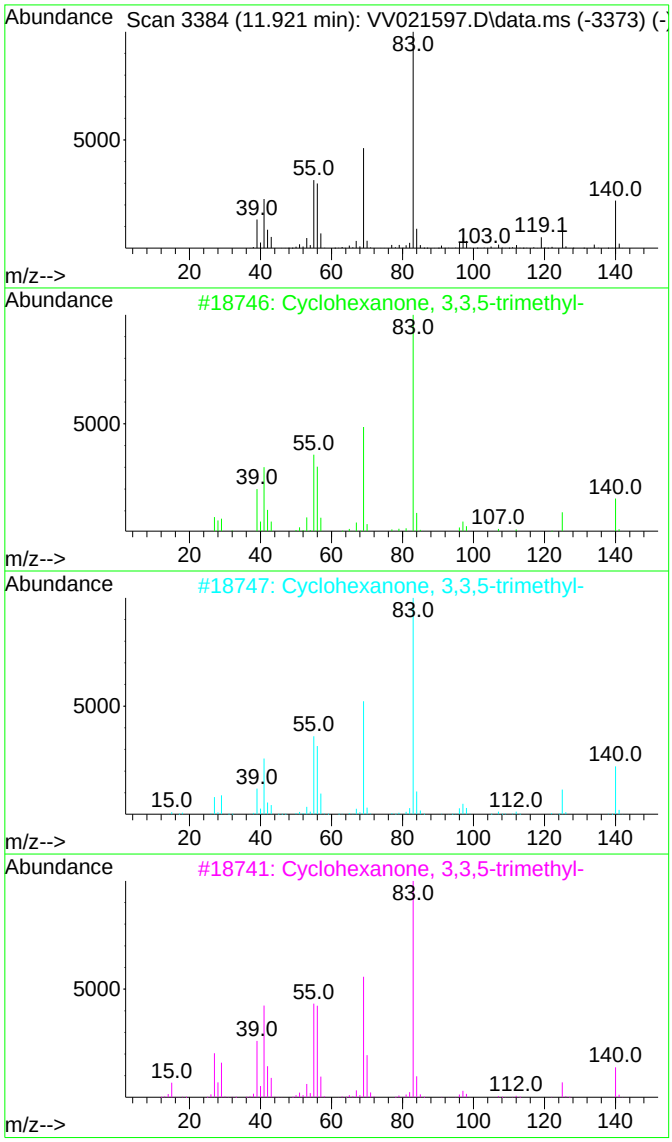
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

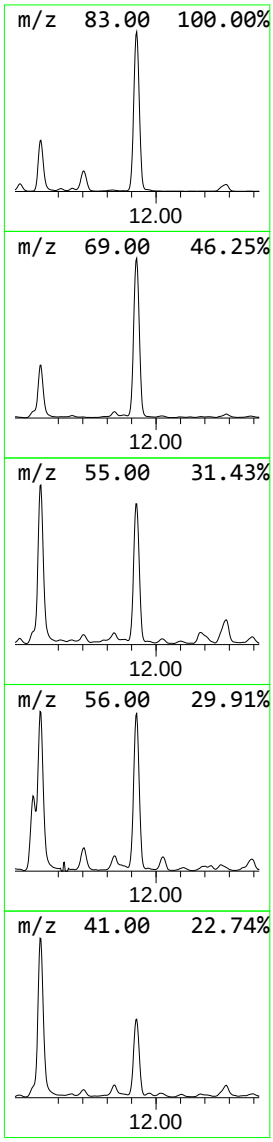
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	66.16 ug/L	2451810	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	86
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

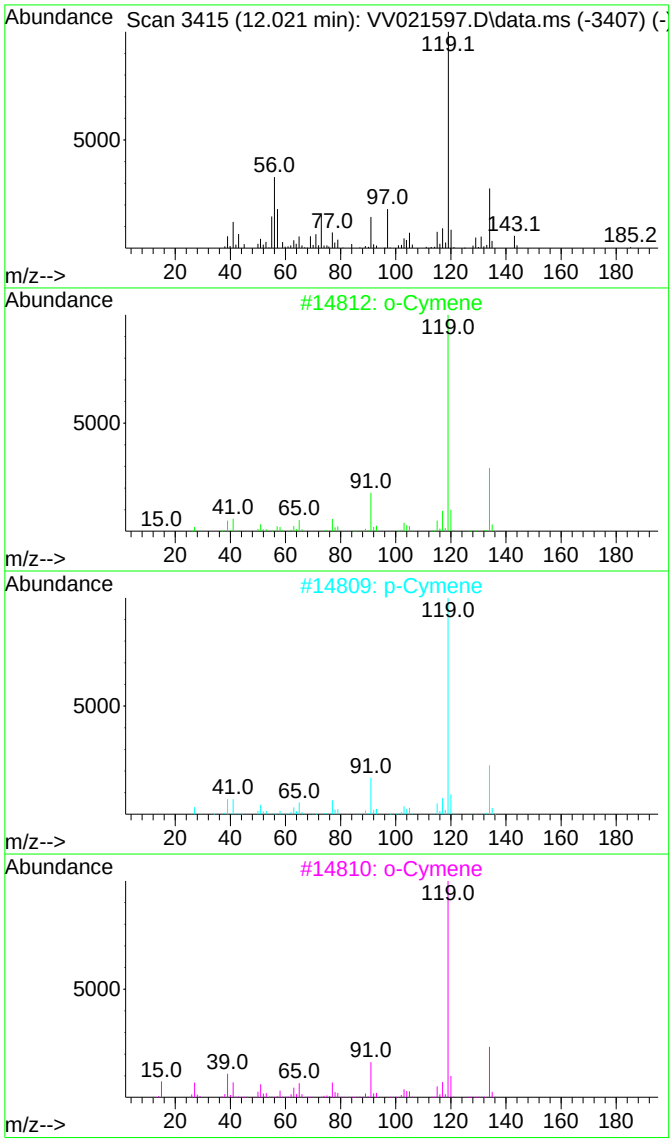
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

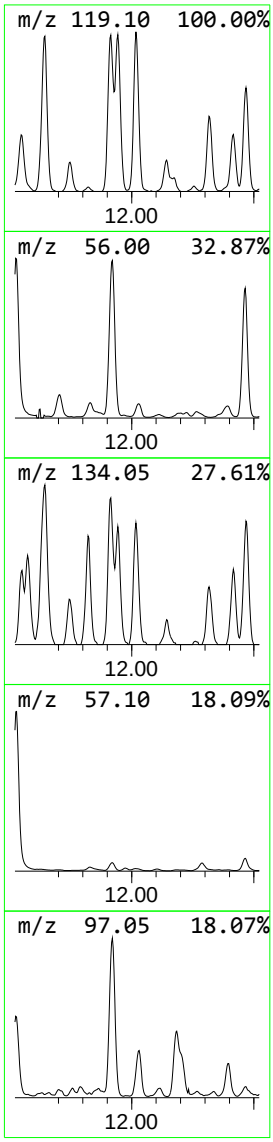
****

Peak Number 28 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	6.22 ug/L	230448	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	p-Cymene	134	C10H14	000099-87-6	92
3	o-Cymene	134	C10H14	000527-84-4	92
4	o-Cymene	134	C10H14	000527-84-4	92
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

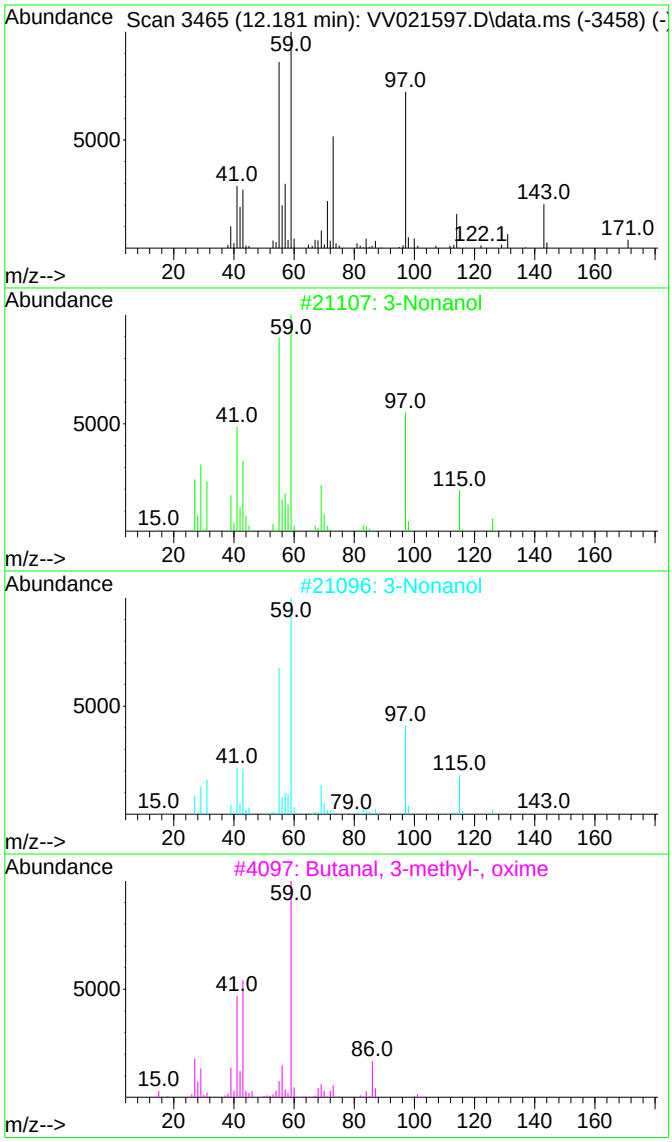
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

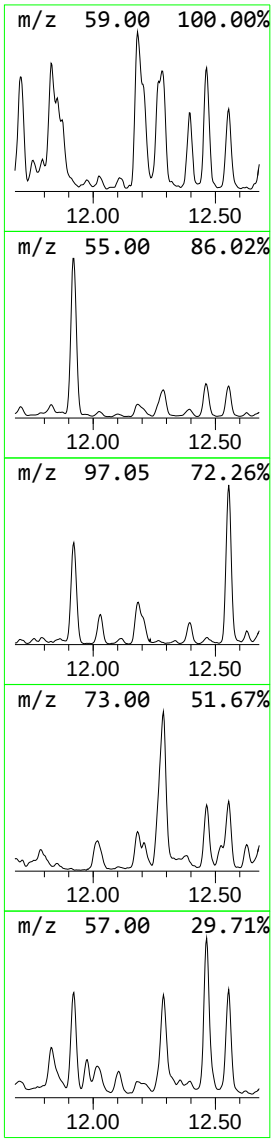
****

Peak Number 30 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.181	4.75 ug/L	175980	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanol	144	C9H20O	000624-51-1	42
2	3-Nonanol	144	C9H20O	000624-51-1	37
3	Butanal, 3-methyl-, oxime	101	C5H11NO	000626-90-4	30
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	27
5	3-Hexanol	102	C6H14O	000623-37-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

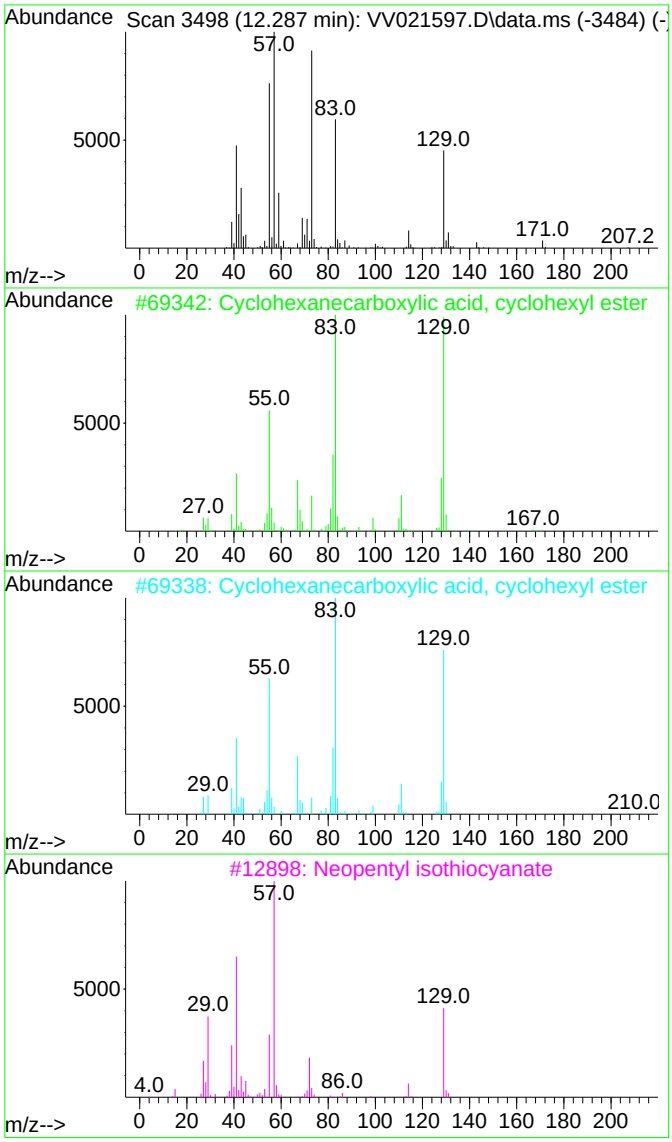
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

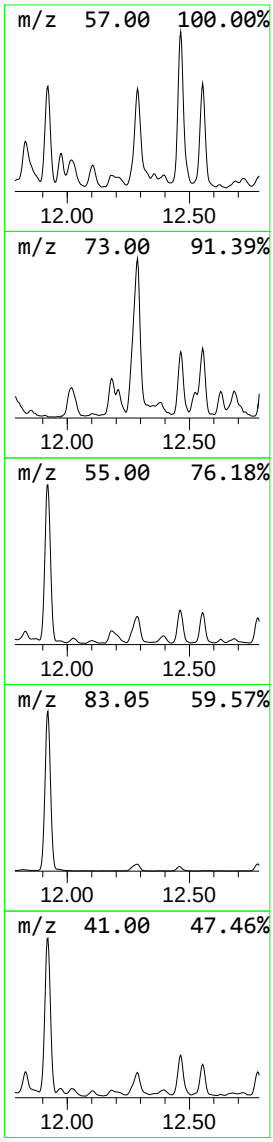
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.287	12.53 ug/L	464523	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, cycl...	210	C13H22O2	015840-96-7	38
2	Cyclohexanecarboxylic acid, cycl...	210	C13H22O2	015840-96-7	38
3	Neopentyl isothiocyanate	129	C6H11NS	000597-97-7	35
4	Butanoic acid, 2-methylene-, met...	114	C6H10O2	002177-67-5	35
5	Butanoic acid, 2-methylene-, met...	114	C6H10O2	002177-67-5	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

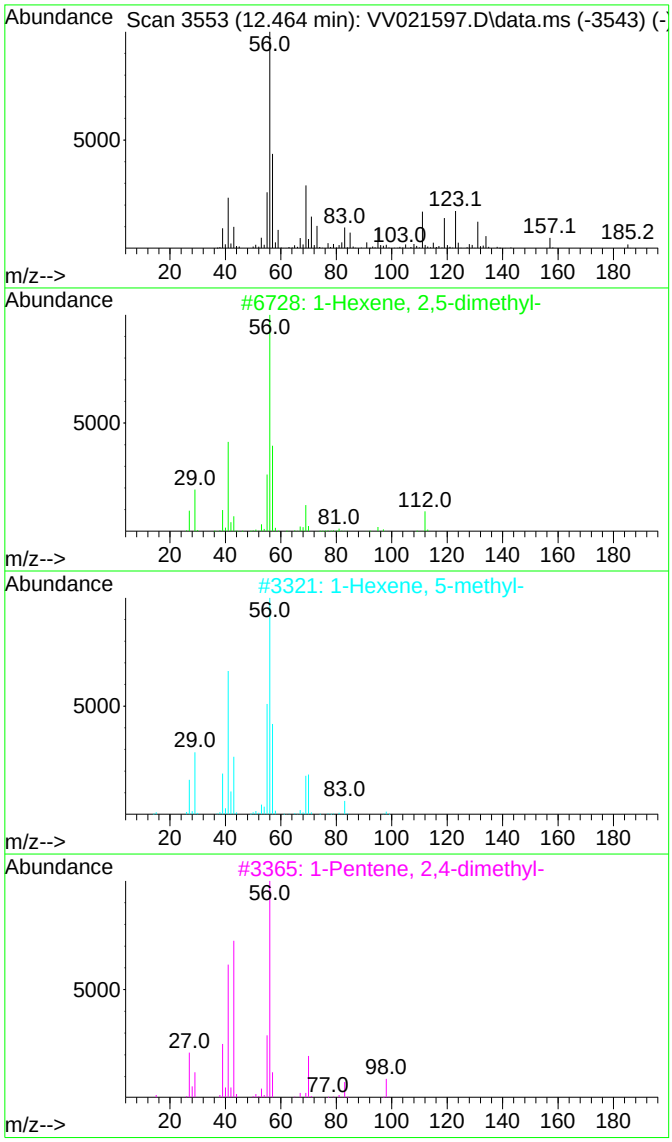
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

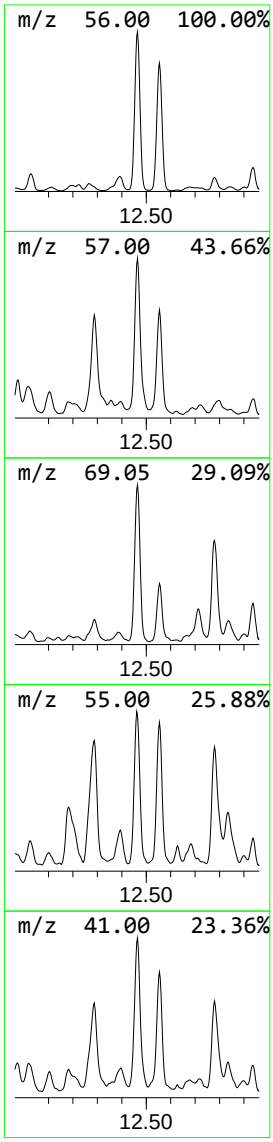
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	21.07 ug/L	781039	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
2	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38
4	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	38
5	1-Oxa-4-azaspiro[4.5]decan-4-oxy...	198	C10H16NO3	1000115-84-0	38





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Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

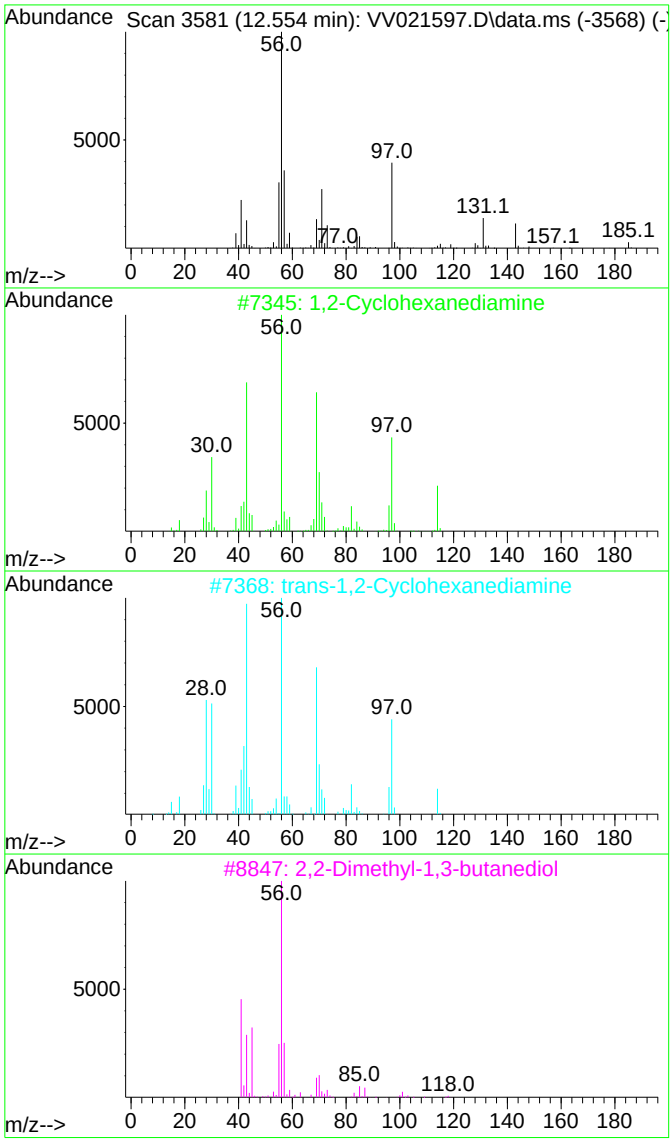
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

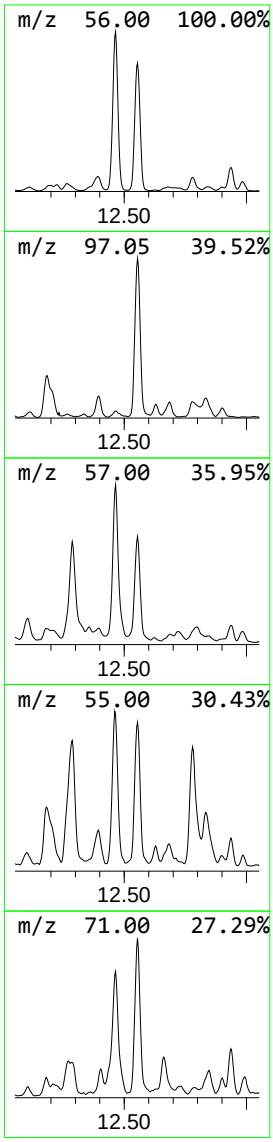
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.554	14.39 ug/L	533209	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanediamine	114	C6H14N2	000694-83-7	36
2	trans-1,2-Cyclohexanediamine	114	C6H14N2	001121-22-8	36
3	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	32
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	25
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

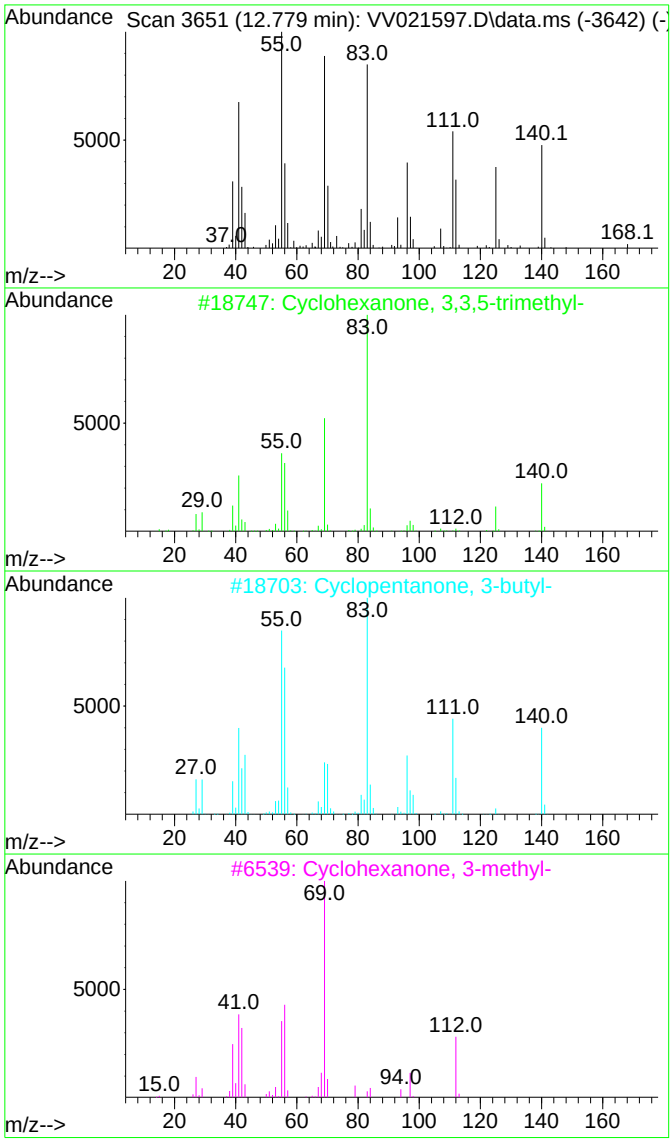
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

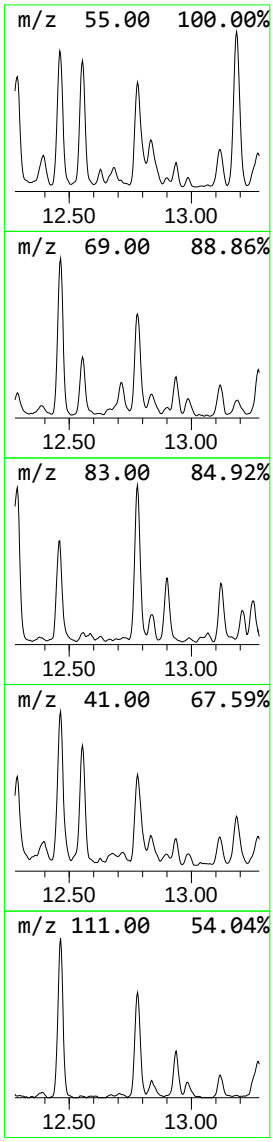
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 unknown-06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.779	9.26 ug/L	343025	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	46
2	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	45
3	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	30
4	2-Octene, (E)-	112	C8H16	013389-42-9	25
5	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

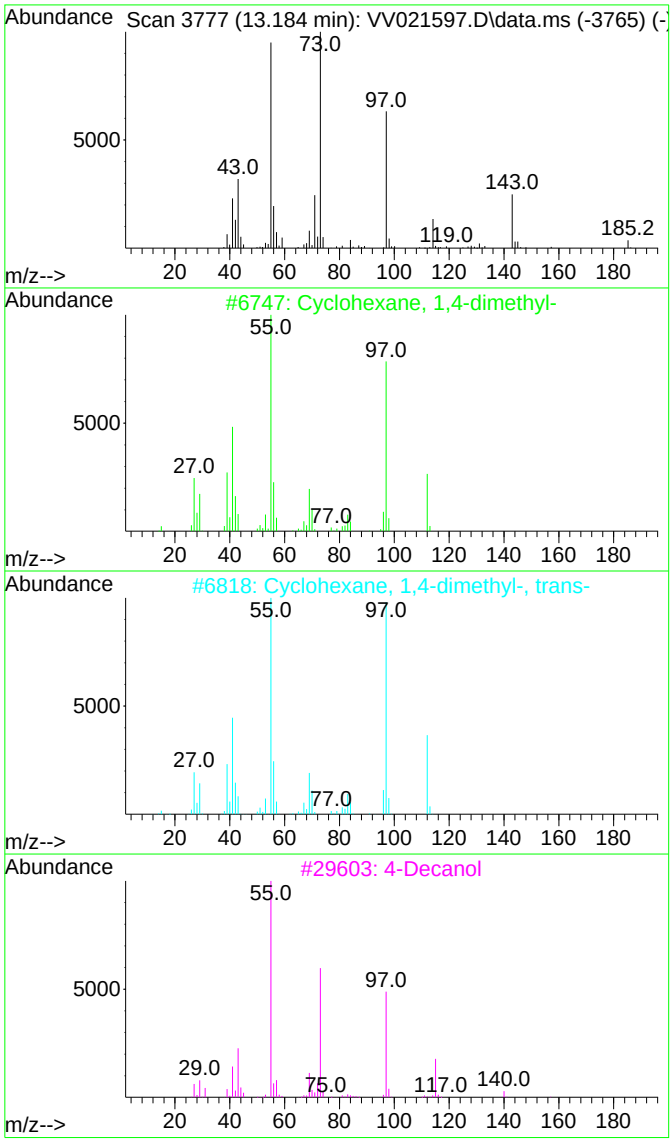
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

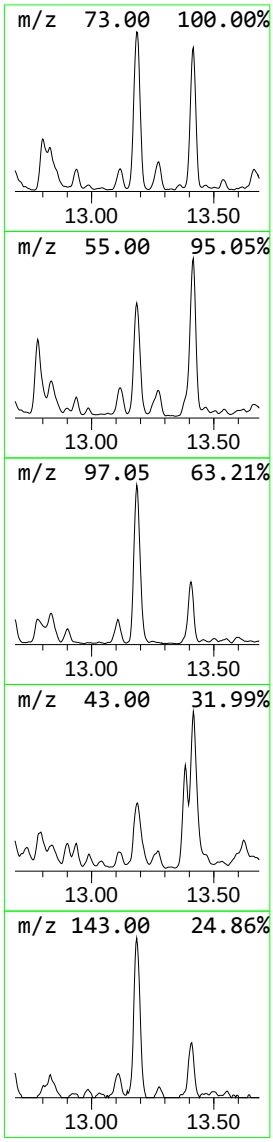
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Cyclic13.185 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.185	8.95 ug/L	331685	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	43
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43
3	4-Decanol	158	C10H22O	002051-31-2	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	22
5	Oxalic acid, cyclobutyl octyl ester	256	C14H24O4	1000309-69-9	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

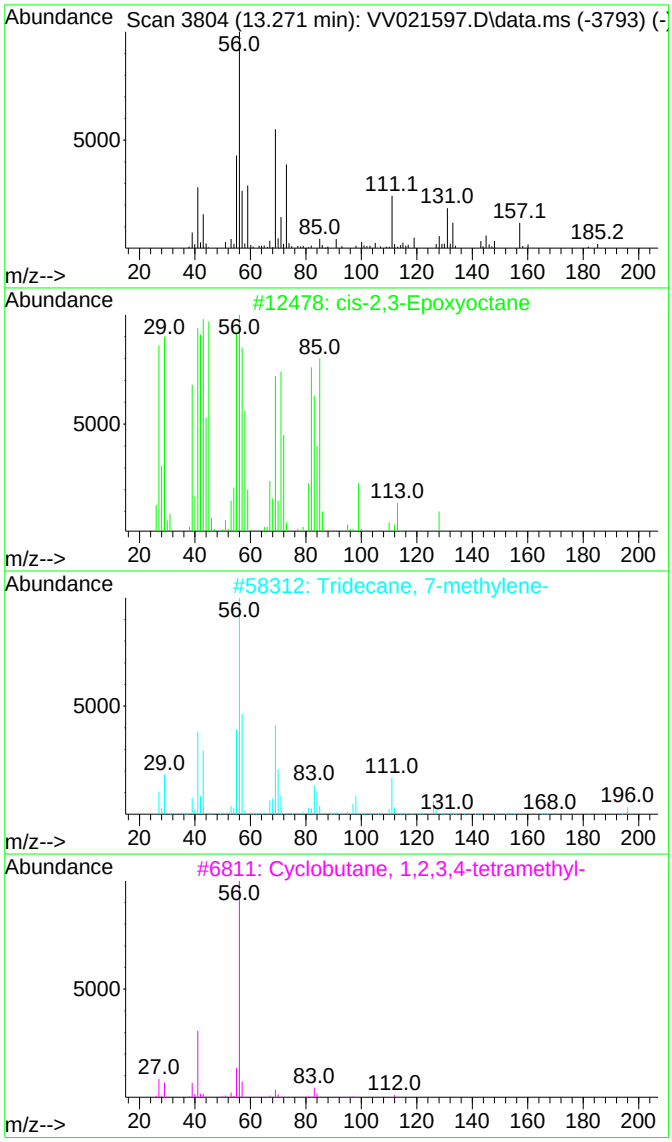
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

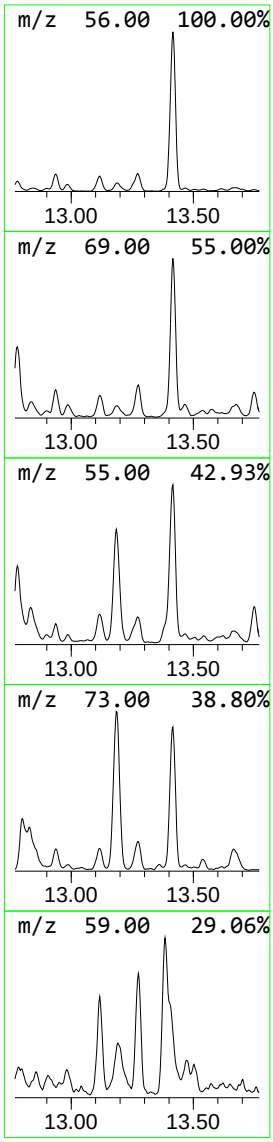
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 unknown-07 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.271	4.48 ug/L	166163	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Epoxyoctane	128	C8H16O	023024-54-6	47
2	Tridecane, 7-methylene-	196	C14H28	019780-80-4	37
3	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	25
4	m-Dioxane, 4,5,5-trimethyl-	130	C7H14O2	006301-68-4	25
5	Thiacycloheptane-3-ol	132	C6H12OS	1000143-84-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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

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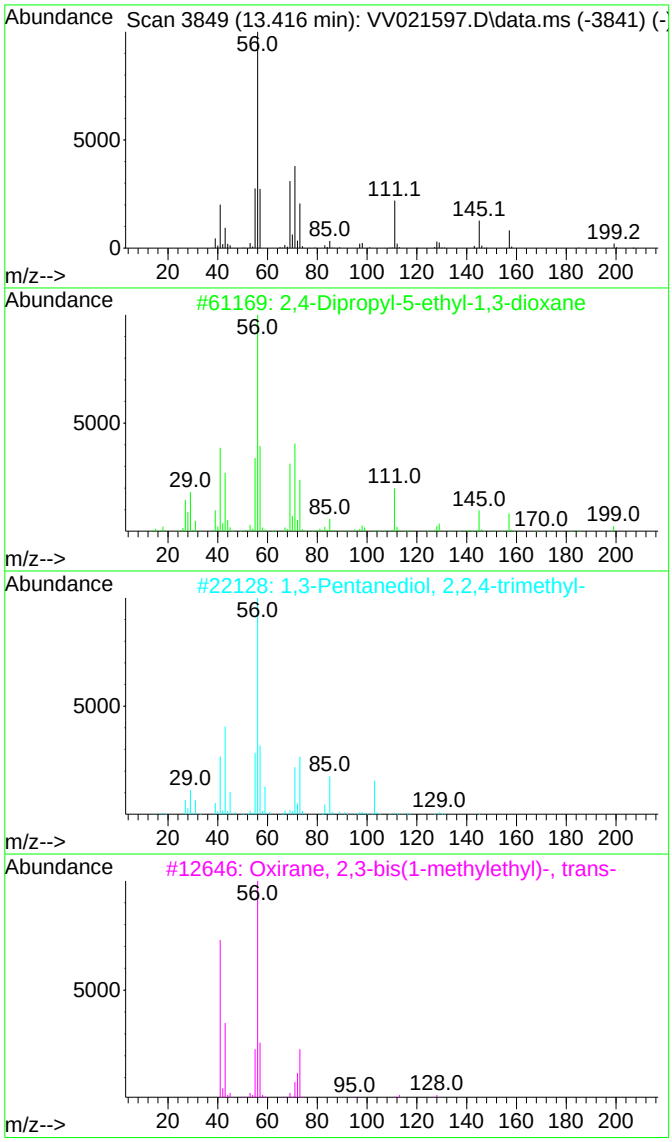
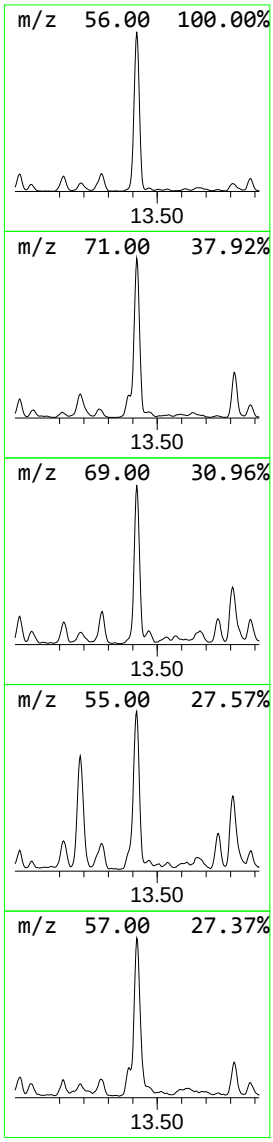
Peak Number 43 unknown-08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	24.75 ug/L	917259	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37
2	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	33
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	28
4	1-Decene, 2-methyl-	154	C11H22	013151-27-4	23
5	2-Methyl-1-nonene	140	C10H20	002980-71-4	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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

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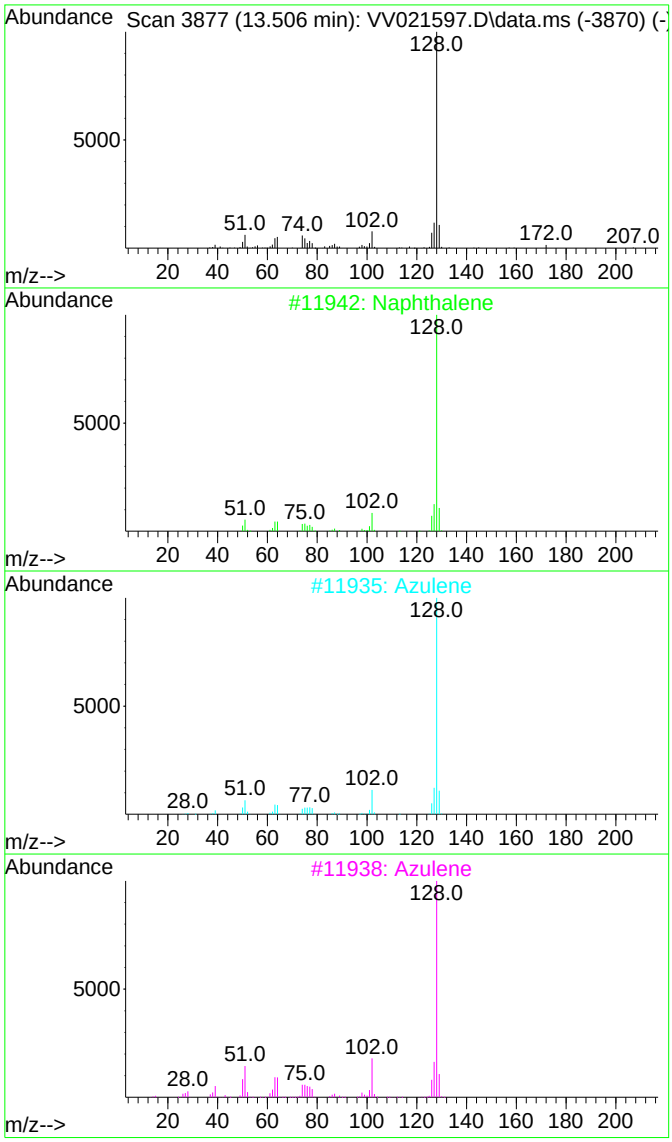
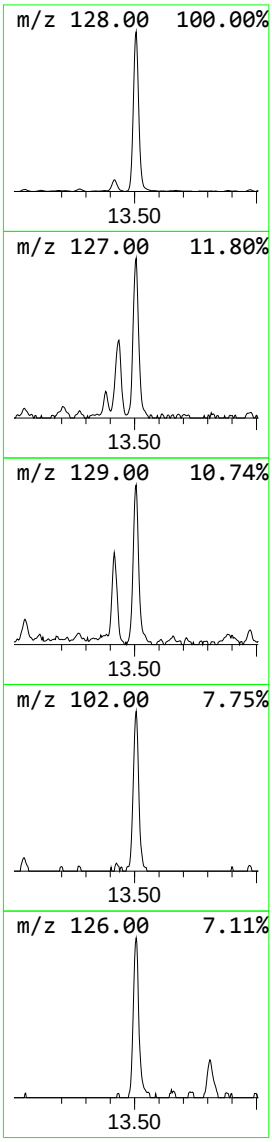
Peak Number 44 Azulene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.506	5.92 ug/L	219437	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	93
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	90
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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

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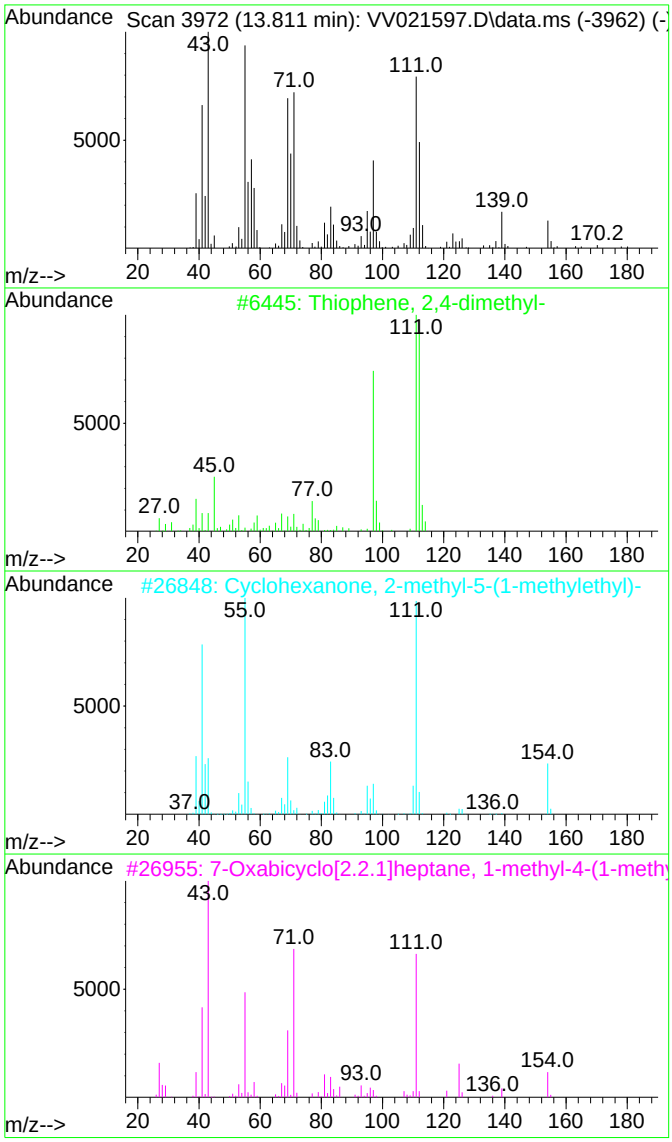
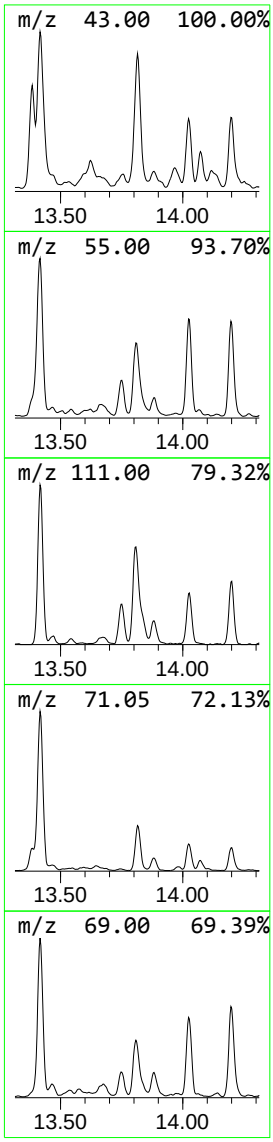
Peak Number 47 unknown-09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.812	11.60 ug/L	430026	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	46
2	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	42
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	38
4	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	38
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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

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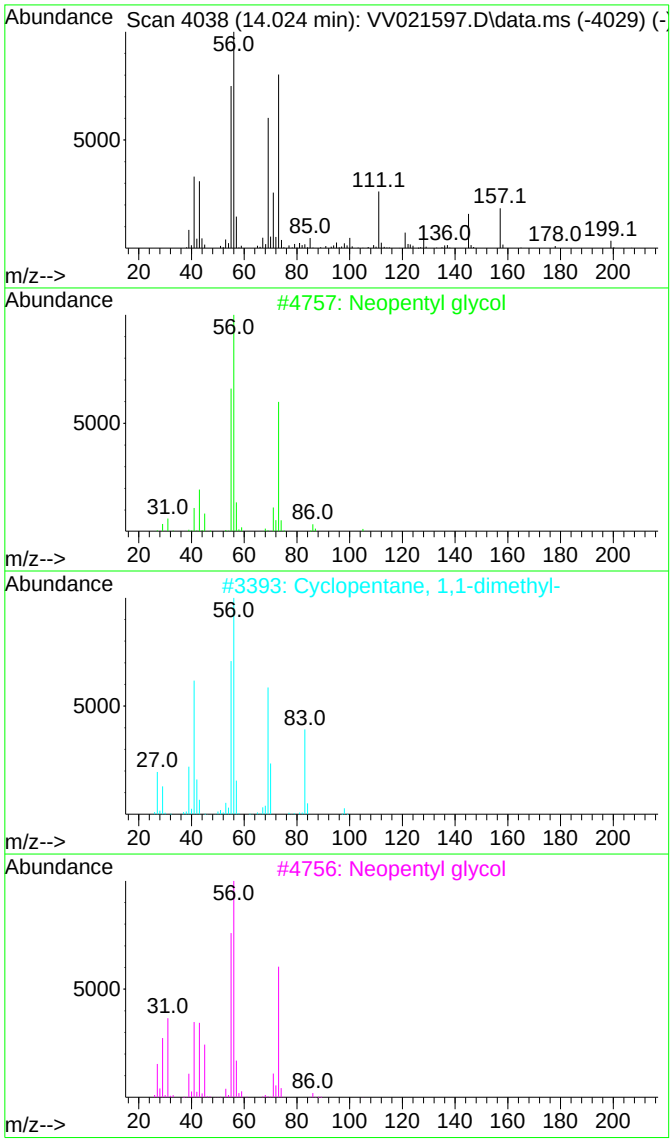
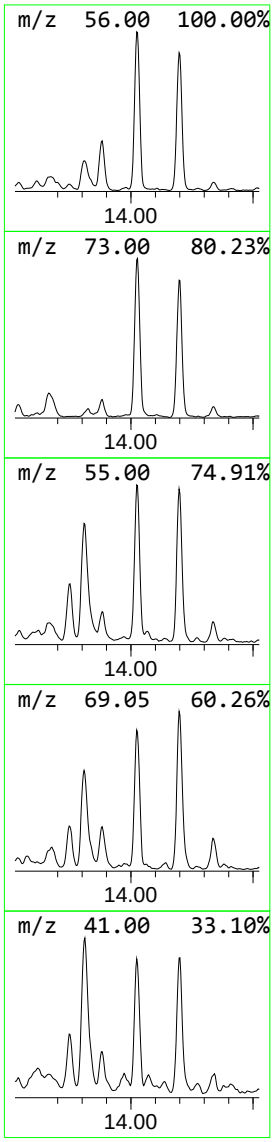
Peak Number 49 unknown-10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.024	8.35 ug/L	309549	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentyl glycol	104	C5H12O2	000126-30-7	40
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
3	Neopentyl glycol	104	C5H12O2	000126-30-7	38
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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

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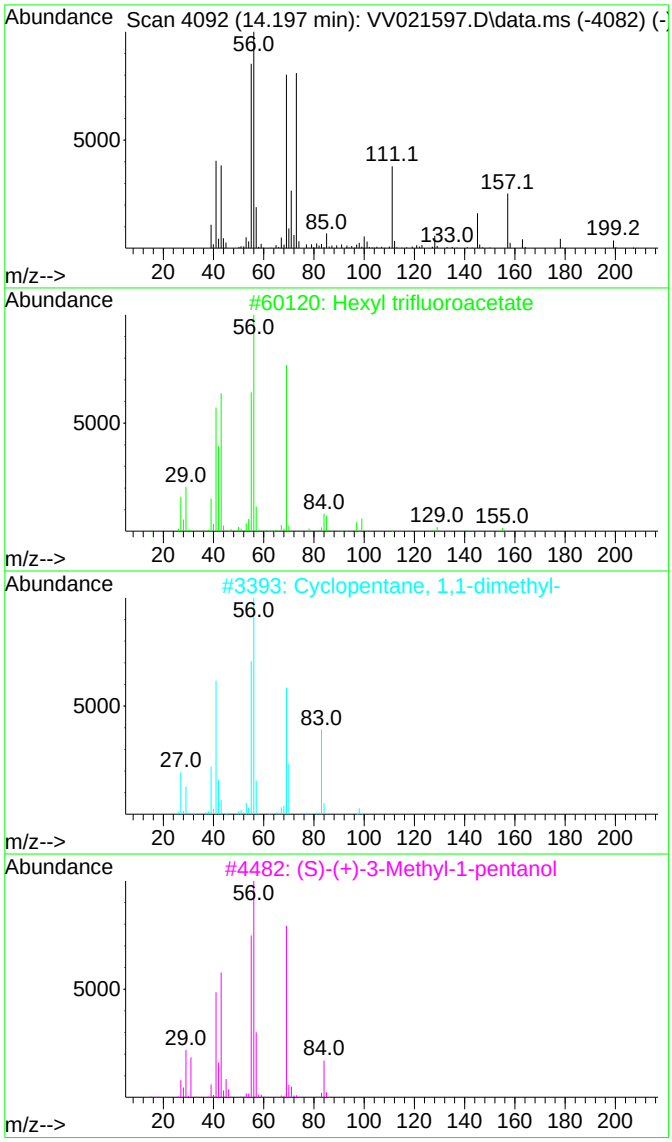
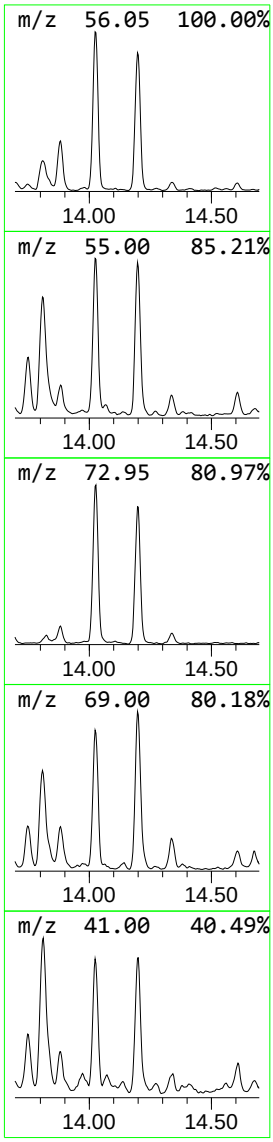
Peak Number 50 Hexyl trifluoroacetate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.197	9.60 ug/L	355894	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	50
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50
3	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	40
4	Neopentyl glycol	104	C5H12O2	000126-30-7	35
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
Acq On : 02 Jul 2021 14:52
Operator : SY/MD
Sample : M2914-02DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanal, 2-met...	2.953	5.8	ug/L	124648	1	5.619	1072950	50.0
Butanal	3.696	31.9	ug/L	684580	1	5.619	1072950	50.0
1-Butanol	5.976	4.5	ug/L	97332	1	5.619	1072950	50.0
3-Penten-2-one,...	8.259	7.1	ug/L	221459	2	8.853	1551980	50.0
4-Heptanone	9.384	6.2	ug/L	191635	2	8.853	1551980	50.0
3-Heptanone	9.599	4.3	ug/L	134907	2	8.853	1551980	50.0
2-Heptanone	9.702	6.8	ug/L	212430	2	8.853	1551980	50.0
Propanoic acid,...	10.278	7.1	ug/L	263328	3	11.252	1853050	50.0
(DEL) Alkane: S...	10.336	17.1	ug/L	633949	3	11.252	1853050	50.0
Benzene, 1-ethy...	10.448	20.3	ug/L	751567	3	11.252	1853050	50.0
4-Heptanone, 2,...	10.696	57.6	ug/L	2133980	3	11.252	1853050	50.0
Benzene, 1-ethy...	10.738	12.2	ug/L	452143	3	11.252	1853050	50.0
Butanoic acid, ...	10.847	4.4	ug/L	164061	3	11.252	1853050	50.0
2-Heptanone, 4,...	11.021	68.5	ug/L	2539260	3	11.252	1853050	50.0
unknown-01	11.181	5.0	ug/L	185736	3	11.252	1853050	50.0
1,1-Hexylenedio...	11.307	106.0	ug/L	3929360	3	11.252	1853050	50.0
1-Hexanol, 2-et...	11.529	96.0	ug/L	3556780	3	11.252	1853050	50.0
unknown-02	11.702	8.1	ug/L	299665	3	11.252	1853050	50.0
2-Nonanone	11.828	13.8	ug/L	510611	3	11.252	1853050	50.0
Cyclohexanone, ...	11.921	66.2	ug/L	2451810	3	11.252	1853050	50.0
o-Cymene	12.021	6.2	ug/L	230448	3	11.252	1853050	50.0
unknown-03	12.181	4.8	ug/L	175980	3	11.252	1853050	50.0
unknown-04	12.287	12.5	ug/L	464523	3	11.252	1853050	50.0
(DEL) Alkane: S...	12.464	21.1	ug/L	781039	3	11.252	1853050	50.0
unknown-05	12.554	14.4	ug/L	533209	3	11.252	1853050	50.0
unknown-06	12.779	9.3	ug/L	343025	3	11.252	1853050	50.0
(DEL) Alkane: C...	13.185	8.9	ug/L	331685	3	11.252	1853050	50.0
unknown-07	13.271	4.5	ug/L	166163	3	11.252	1853050	50.0
unknown-08	13.416	24.8	ug/L	917259	3	11.252	1853050	50.0
Azulene	13.506	5.9	ug/L	219437	3	11.252	1853050	50.0
unknown-09	13.812	11.6	ug/L	430026	3	11.252	1853050	50.0
unknown-10	14.024	8.3	ug/L	309549	3	11.252	1853050	50.0
Hexyl trifluoro...	14.197	9.6	ug/L	355894	3	11.252	1853050	50.0