LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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: VV021609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	72	82	96	rBV3	282411	345692	1.33%	0.112%
2	1.561	155	162	175	rVB	210627	241089	0.93%	0.078%
3	2.102	316	330	339	rBV3	526444	1091132	4.20%	0.353%
4	2.159	339	348	374	rVB	2748990	4364427	16.79%	1.411%
5	2.285	374	387	426	rVB	468892	1356420	5.22%	0.438%
6	2.947	576	593	613	rBV	682824	1397507	5.38%	0.452%
7	3.185	653	667	685	rBV	160954	337752	1.30%	0.109%
8	3.687	804	823	868	rBV	3560784	8566313	32.96%	2.769%
9	3.870	869	880	882	rBV	205553	313999	1.21%	0.101%
10	4.343	1001	1027	1057	rBV	347028	888574	3.42%	0.287%
11	5.044	1226	1245	1253	rBV2	817590	2059746	7.93%	0.666%
12	5.095	1254	1261	1290	rVB2	697390	1582556	6.09%	0.512%
13	5.613	1410	1422	1454	rVB	414221	836981	3.22%	0.271%
14	5.928	1501	1520	1549	rBV2	489409	1616642	6.22%	0.523%
15	6.066	1551	1563	1576	rVV	451478	885746	3.41%	0.286%
16	6.169	1586	1595	1612	rVB	346738	657803	2.53%	0.213%
17	6.982	1832	1848	1867	rBV	277482	504460	1.94%	0.163%
18	7.224	1910	1923	1940	rBV	3322257	5837444	22.46%	1.887%
19	7.314	1941	1951	1961	rVV	993108	1717924	6.61%	0.555%
20	7.384	1961	1973	1990	rVV	3213628	5547840	21.35%	1.793%
21	7.619	2036	2046	2058	rBV	204585	372100	1.43%	0.120%
22	7.687	2058	2067	2086	rVB	324385	596362	2.29%	0.193%
23	7.998	2149	2164	2175	rVV2	324002	650002	2.50%	0.210%
24	8.079	2175	2189	2201	rVV	9257264	15633358	60.16%	5.053%
25	8.137	2201	2207	2225	rVB	278728	476528	1.83%	0.154%
26	8.252	2232	2243	2261	rBV	1023968	1733604	6.67%	0.560%
27	8.825	2405	2421	2425	rBV2	1036343	1816839	6.99%	0.587%
28	9.011	2469	2479	2488	rVV	967980	1470319	5.66%	0.475%
29	9.076	2489	2499	2507	rVV3	529605	1019572	3.92%	0.330%
30	9.137	2507	2518	2532	rVV	3290950	5914090	22.76%	1.912%
31	9.236	2542	2549	2565	rVB	692052	1092892	4.21%	0.353%
32	9.323	2566	2576	2585	rBV2	384520	624031	2.40%	0.202%
33	9.378	2585	2593	2611	rVB	1135775	1762930	6.78%	0.570%
34	9.542	2633	2644	2653	rVV	2743199	4214371	16.22%	1.362%
35	9.593	2653	2660	2675	rVB	847895	1257432	4.84%	0.406%
36	9.696	2676	2692	2703	rBV3	853171	1915245	7.37%	0.619%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
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Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

37	9.760	2703	2712	2719	rVV2	547970	872518	3.36%	0.282%
38	9.812	2720	2728	2754	rVB4	405065	1037216	3.99%	0.335%
39	9.931	2754	2765	2780	rVB	407917	654021	2.52%	0.211%
40	10.011	2780	2790	2800	rVB	151357	240071	0.92%	0.078%
41	10.143	2820	2831	2835	rBV	829995	1250561	4.81%	0.404%
42	10.172	2835	2840	2847	rVV	1089971	1600451	6.16%	0.517%
43	10.217	2847	2854	2863	rVV	711352	1091195	4.20%	0.353%
44	10.275	2863	2872	2881	rVV	1604853	2380355	9.16%	0.769%
45	10.333	2881	2890	2908	rVV3	2904687	5535637	21.30%	1.789%
46	10.448	2909	2926	2943	rVV	2929986	6992141	26.90%	2.260%
47	10.539	2944	2954	2969	rVV	2276725	3753649	14.44%	1.213%
48	10.696	2990	3003	3011	rBV	12246917	18660811	71.80%	6.031%
49	10.738	3011	3016	3032	rVB	2522912	3838972	14.77%	1.241%
50	10.844	3040	3049	3061	rBV	1002091	1477324	5.68%	0.477%
51	10.915	3061	3071	3086	rVB	5366419	7859434	30.24%	2.540%
52	11.021	3087	3104	3118	rBV2	13210416	22378323	86.11%	7.233%
53	11.088	3119	3125	3143	rVB4	492282	940860	3.62%	0.304%
54	11.182	3144	3154	3158	rBV2	836982	1304675	5.02%	0.422%
55	11.220	3159	3166	3168	rVV	1639176	2241210	8.62%	0.724%
56	11.243	3169	3173	3184	rVB3	2495507	3562003	13.71%	1.151%
57	11.310	3184	3194	3214	rVB2	8726160	16715140	64.32%	5.403%
58	11.442	3227	3235	3243	rVB3	570852	814832	3.14%	0.263%
59	11.497	3243	3252	3255	rBV	1645649	2182940	8.40%	0.706%
60	11.535	3255	3264	3283	rVB	16154228	25988403	100.00%	8.400%
61	11.628	3283	3293	3307	rBV5	1432926	3342945	12.86%	1.080%
62	11.702	3307	3316	3324	rVB	1518717	2330015	8.97%	0.753%
63	11.828	3345	3355	3364	rBV2	3078929	4905459	18.88%	1.586%
64	11.924	3373	3385	3396	rBV	10768392	17975546	69.17%	5.810%
65	12.021	3406	3415	3431	rVB4	1091705	2048808	7.88%	0.662%
66	12.108	3431	3442	3457	rBV5	504846	1284336	4.94%	0.415%
67	12.182	3457	3465	3483	rVV2	672881	1601780	6.16%	0.518%
68	12.284	3483	3497	3515	rVB5	1888455	4409979	16.97%	1.425%
69	12.400	3522	3533	3542	rBV6	457787	1051445	4.05%	0.340%
70	12.464	3542	3553	3566	rVB3	4369489	7268792	27.97%	2.349%
71	12.555	3567	3581	3596	rVB	3148774	4972428	19.13%	1.607%
72	12.683	3609	3621	3626	rBV3	291926	621482	2.39%	0.201%
73	12.780	3642	3651	3662	rBV4	1602422	3168832	12.19%	1.024%
74	12.837	3663	3669	3676	rVV7	486581	940361	3.62%	0.304%
75	12.882	3677	3683	3693	rVV3	646135	1215927	4.68%	0.393%
76	12.937	3693	3700	3708	rVB	707540	1036495	3.99%	0.335%

LSC Area Percent Report

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Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

77	12.989	3708	3716	3725	rVB4	320359	477557	1.84%	0.154%
78	13.050	3726	3735	3746	rBV2	370810	757220	2.91%	0.245%
79	13.117	3746	3756	3764	rBV4	571423	921235	3.54%	0.298%
80	13.185	3765	3777	3791	rVV2	1418056	2759270	10.62%	0.892%
81	13.272	3792	3804	3816	rVB4	803041	1516813	5.84%	0.490%
82	13.384	3828	3839	3842	rBV2	1497711	2107835	8.11%	0.681%
83	13.416	3842	3849	3861	rVB	4984150	8257187	31.77%	2.669%
84	13.503	3869	3876	3895	rVB	1260264	2191754	8.43%	0.708%
85	13.622	3896	3913	3922	rBV5	515549	1420305	5.47%	0.459%
86	13.751	3944	3953	3962	rBV2	531696	879952	3.39%	0.284%
87	13.808	3962	3971	3986	rVB3	2296910	4155543	15.99%	1.343%
88	13.882	3987	3994	4010	rVB	463774	843212	3.24%	0.273%
89	13.969	4010	4021	4029	rBV7	432188	793744	3.05%	0.257%
90	14.024	4029	4038	4047	rBV	1441710	2066117	7.95%	0.668%
91	14.072	4047	4053	4061	rBV3	305780	437327	1.68%	0.141%
92	14.198	4082	4092	4108	rBV	1673154	2761694	10.63%	0.893%
93	14.606	4212	4219	4222	rBV	357073	448441	1.73%	0.145%
94	14.632	4223	4227	4234	rVB	401506	500377	1.93%	0.162%
95	14.818	4278	4285	4295	rVB2	539993	952133	3.66%	0.308%
96	15.072	4354	4364	4370	rBV2	172708	295671	1.14%	0.096%
97	15.304	4426	4436	4448	rBV	248356	465392	1.79%	0.150%
98	15.516	4486	4502	4511	rBV3	638178	1143976	4.40%	0.370%
99	15.805	4582	4592	4601	rVV3	319263	602149	2.32%	0.195%
100	15.914	4618	4626	4646	rVB3	205502	391314	1.51%	0.126%

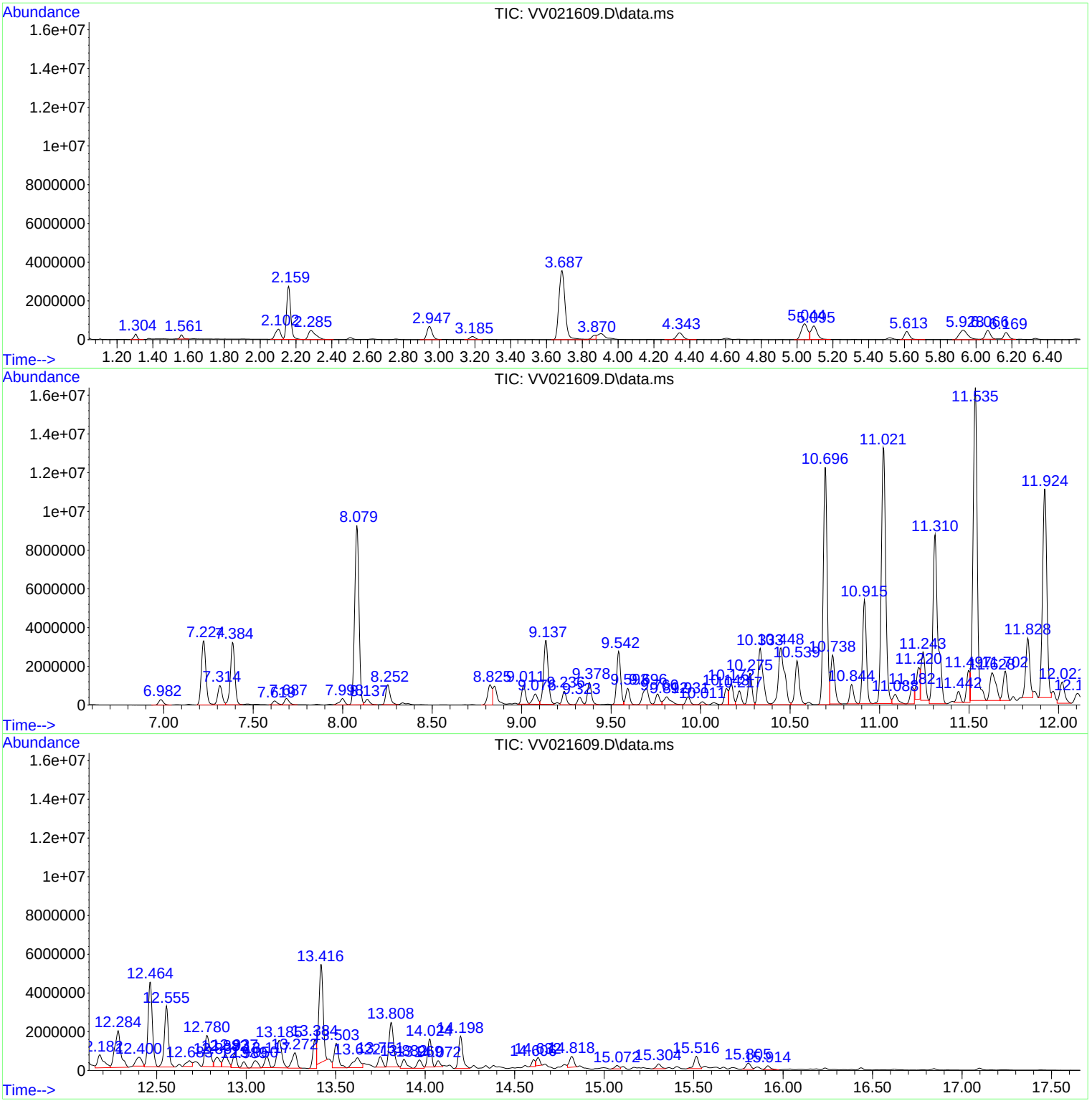
Sum of corrected areas: 309393312

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23

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\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

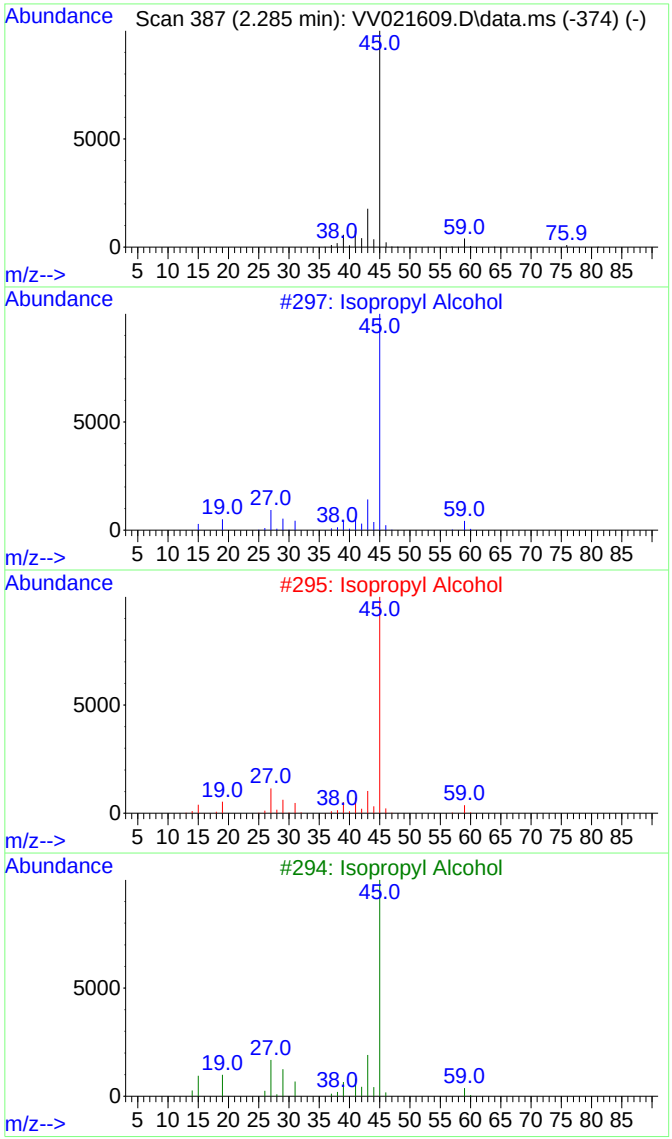
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

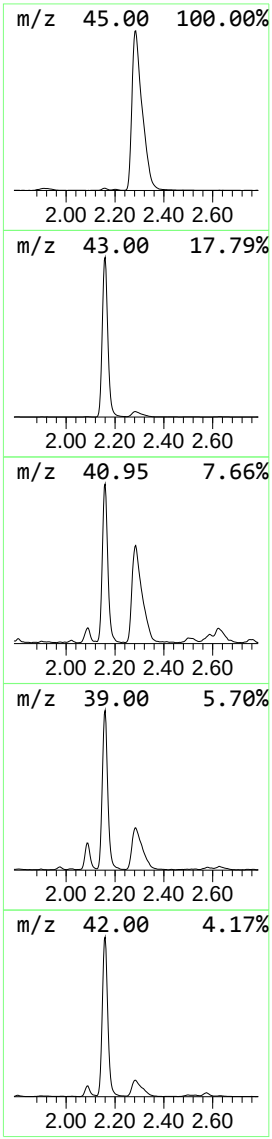
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.285	81.03 ug/L	1356420	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

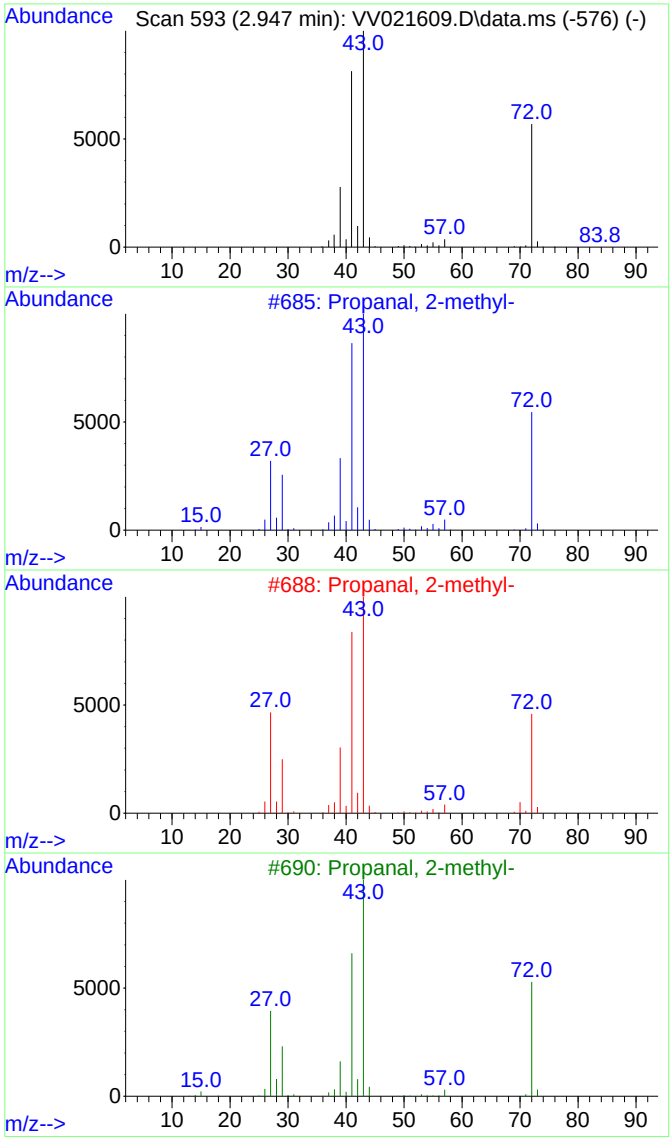
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

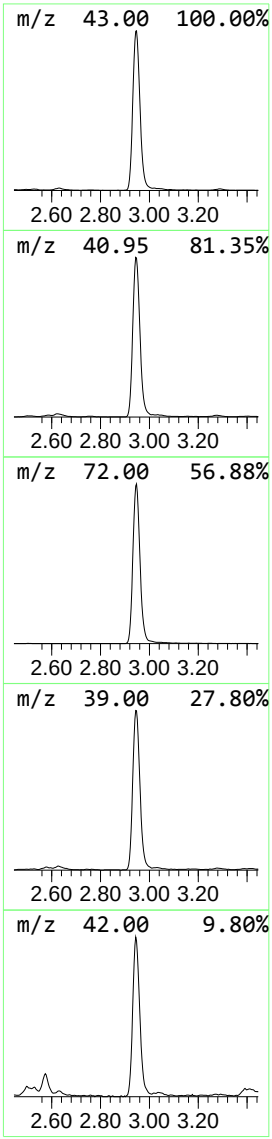
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanal, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.947	83.48 ug/L	1397510	1,4-Difluorobenzene	5.613

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	91
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
4	Isobutylene epoxide	72	C4H8O	000558-30-5	59
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

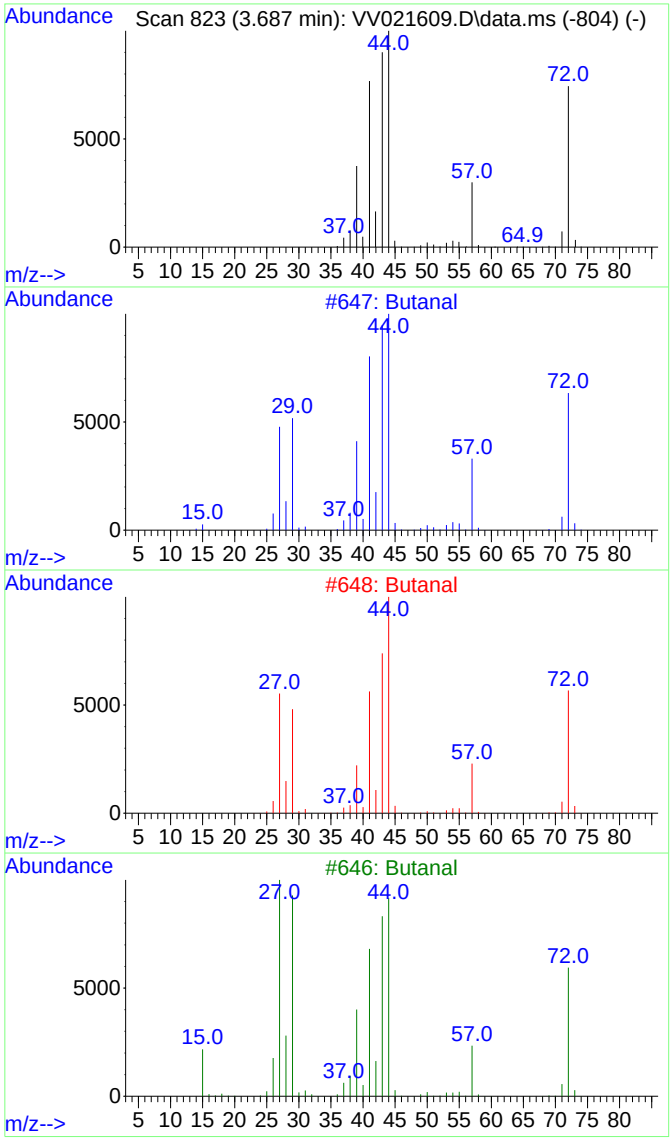
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

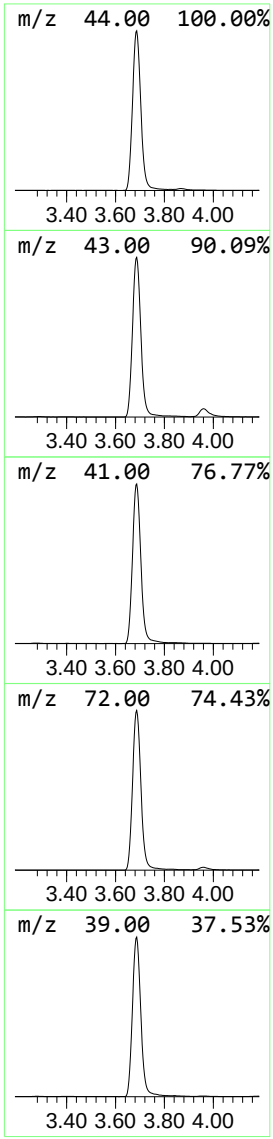
****

Peak Number 3 Butanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	511.74 ug/L	8566310	1,4-Difluorobenzene	5.613

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

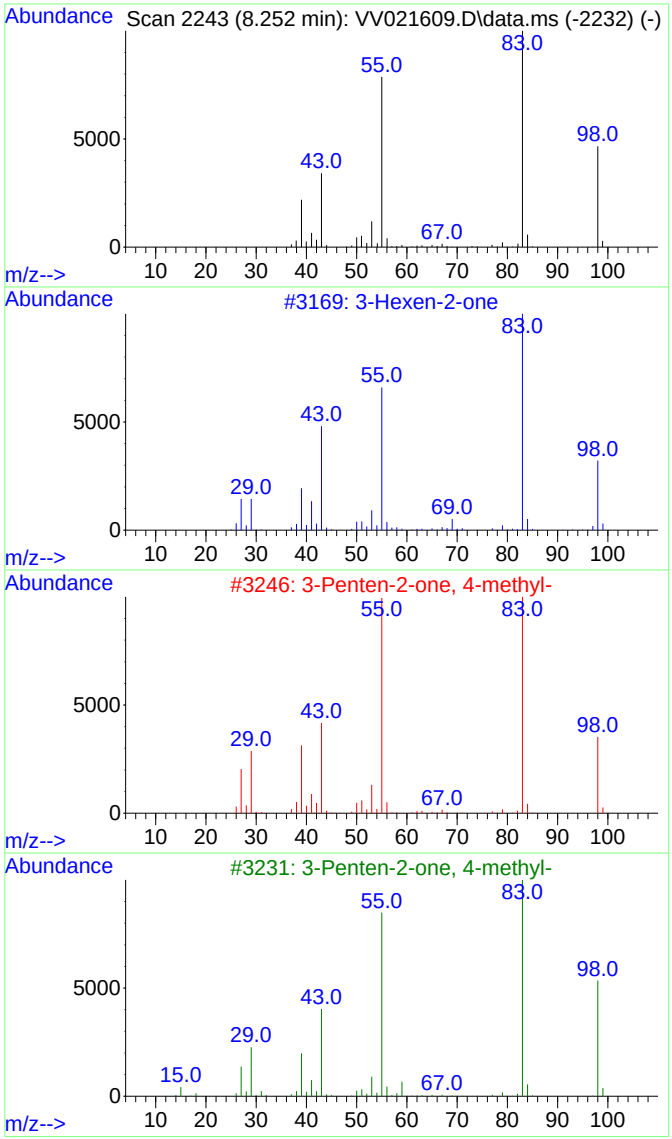
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

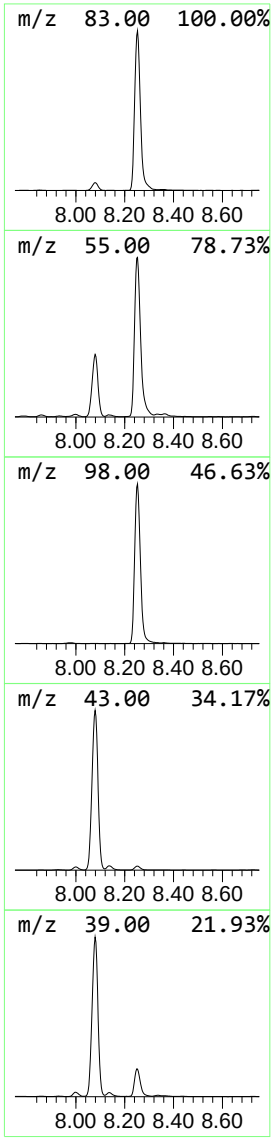
****

Peak Number 6 3-Hexen-2-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.252	47.71 ug/L	1733600	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

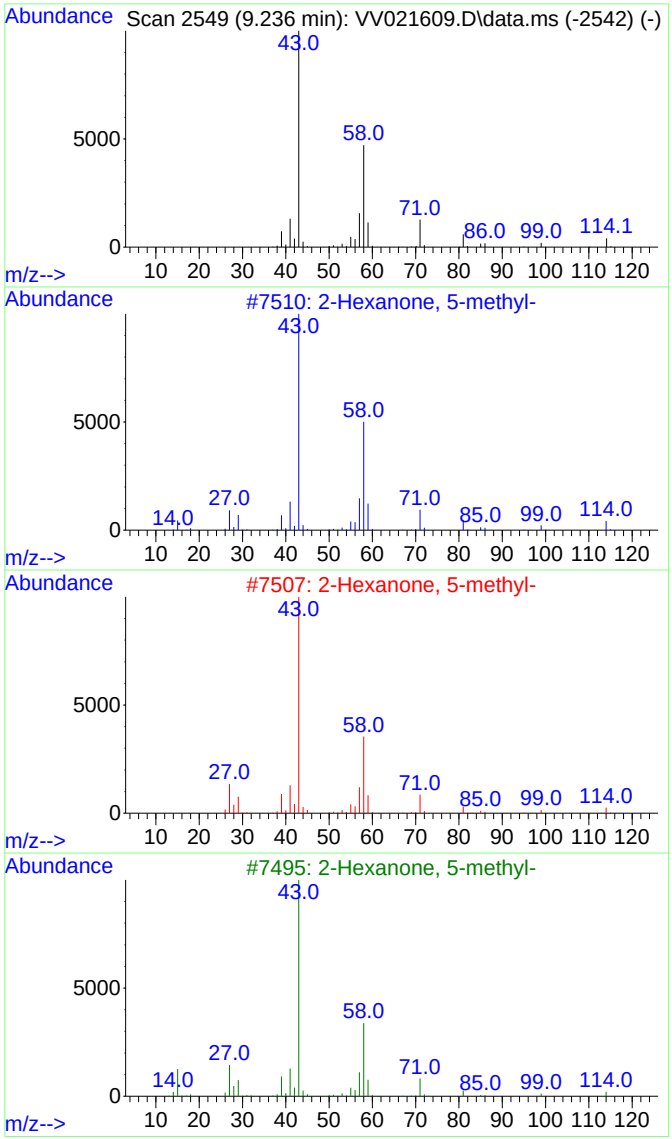
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

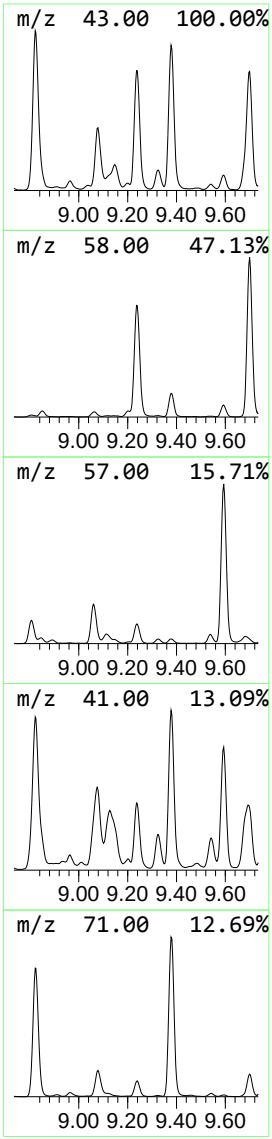
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Hexanone, 5-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.236	30.08 ug/L	1092890	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	91
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	91
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	87
5	2-Heptanone	114	C7H14O	000110-43-0	83





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Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK23

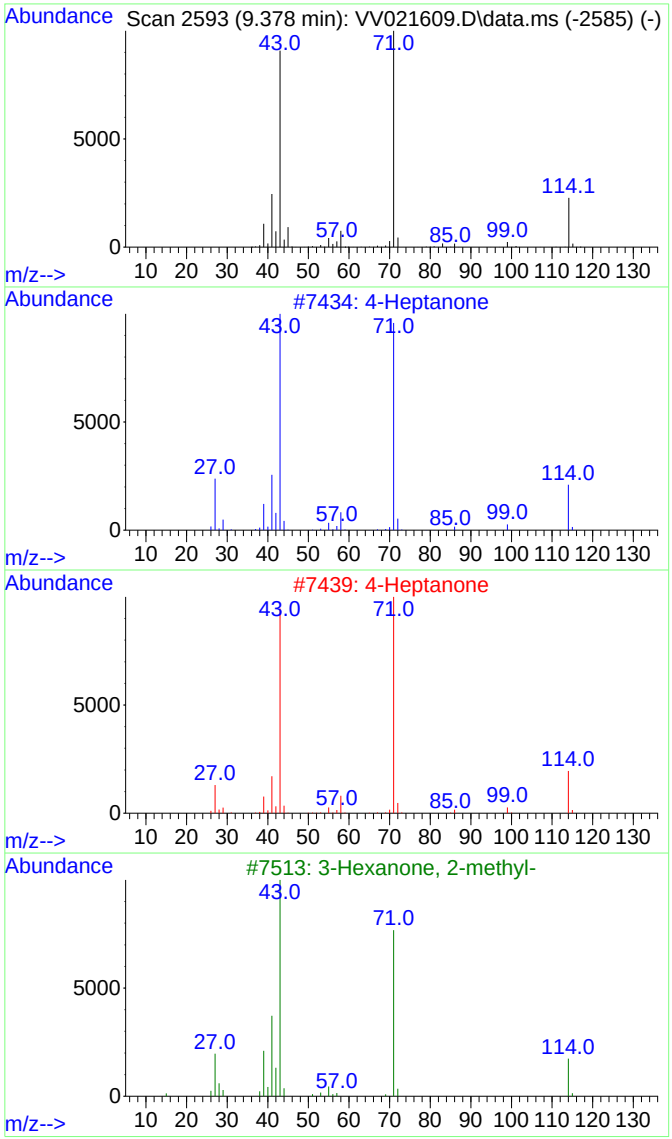
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

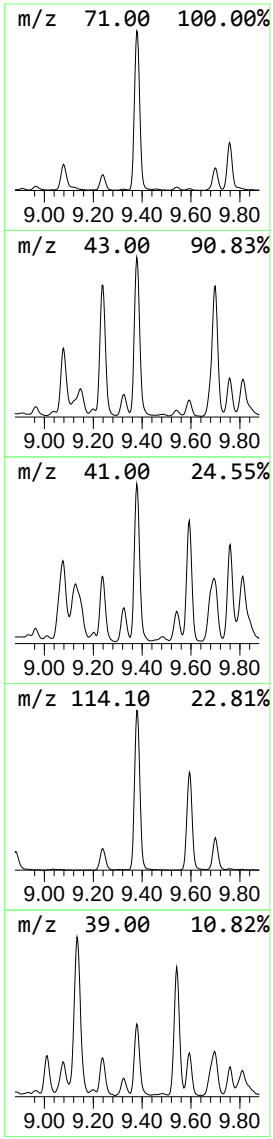
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4-Heptanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.378	48.52 ug/L	1762930	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	90
2	4-Heptanone	114	C7H14O	000123-19-3	90
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	80
4	4-Heptanone	114	C7H14O	000123-19-3	64
5	4-Heptanone	114	C7H14O	000123-19-3	64





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Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

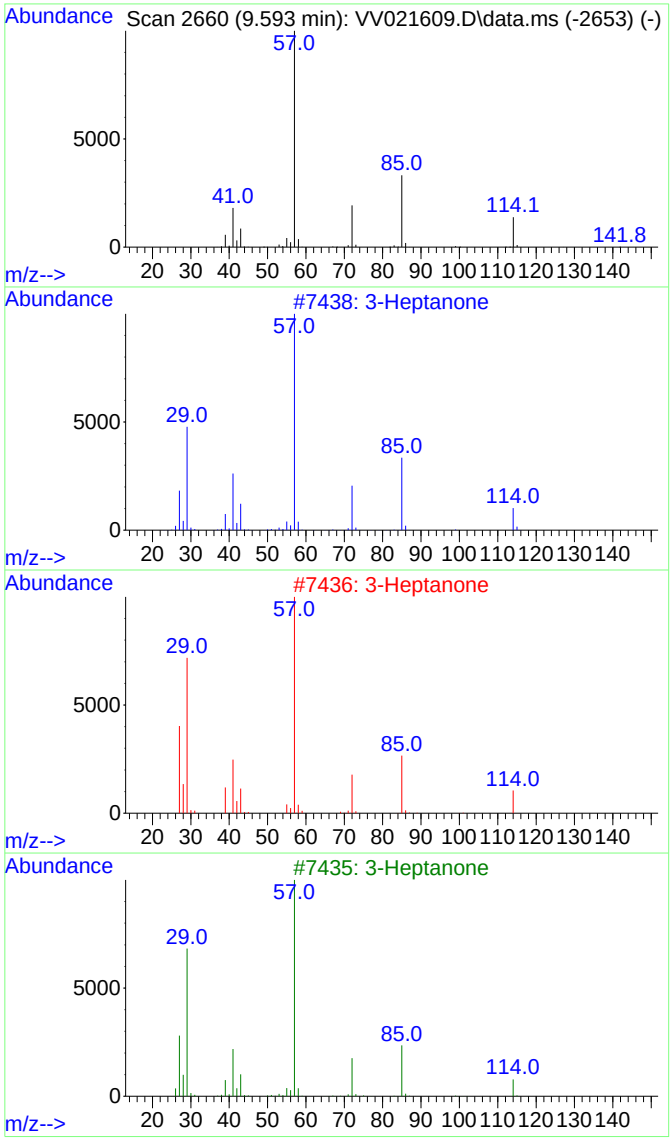
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

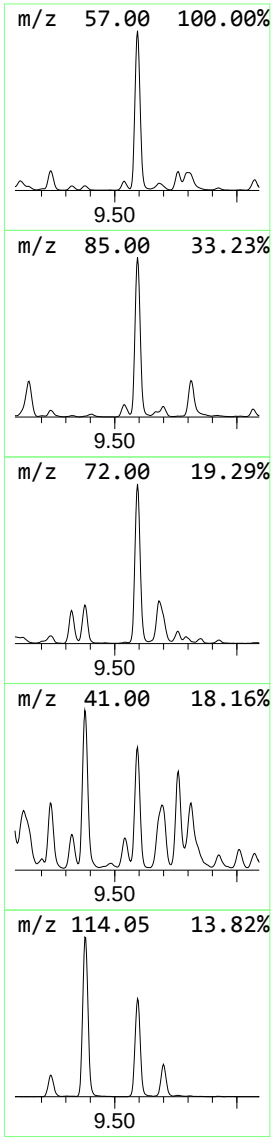
****

Peak Number 11 3-Heptanone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.593	34.60 ug/L	1257430	Chlorobenzene-d5	8.850

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	64
5	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	64





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Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

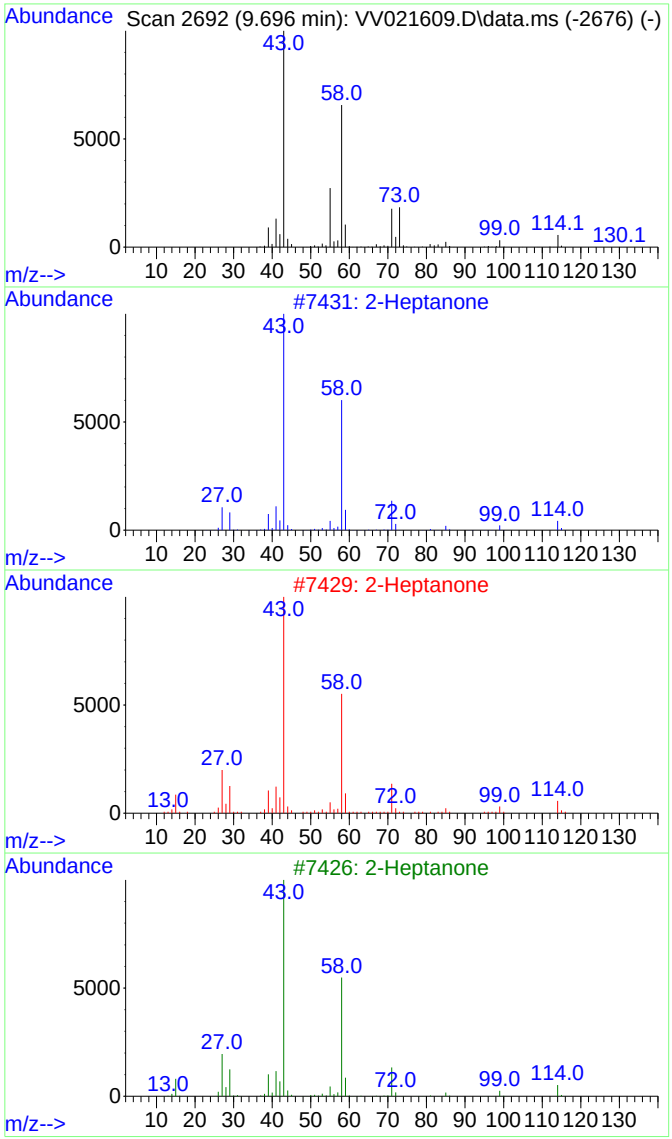
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

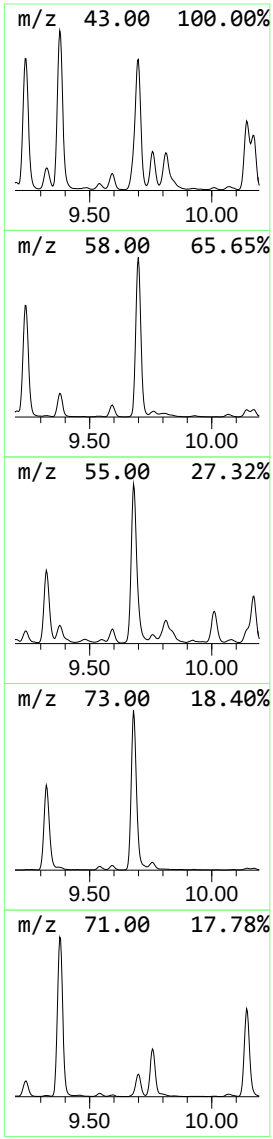
****

Peak Number 12 2-Heptanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.696	52.71 ug/L	1915250	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	90
2	2-Heptanone	114	C7H14O	000110-43-0	86
3	2-Heptanone	114	C7H14O	000110-43-0	80
4	2-Heptanone	114	C7H14O	000110-43-0	72
5	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	64





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Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

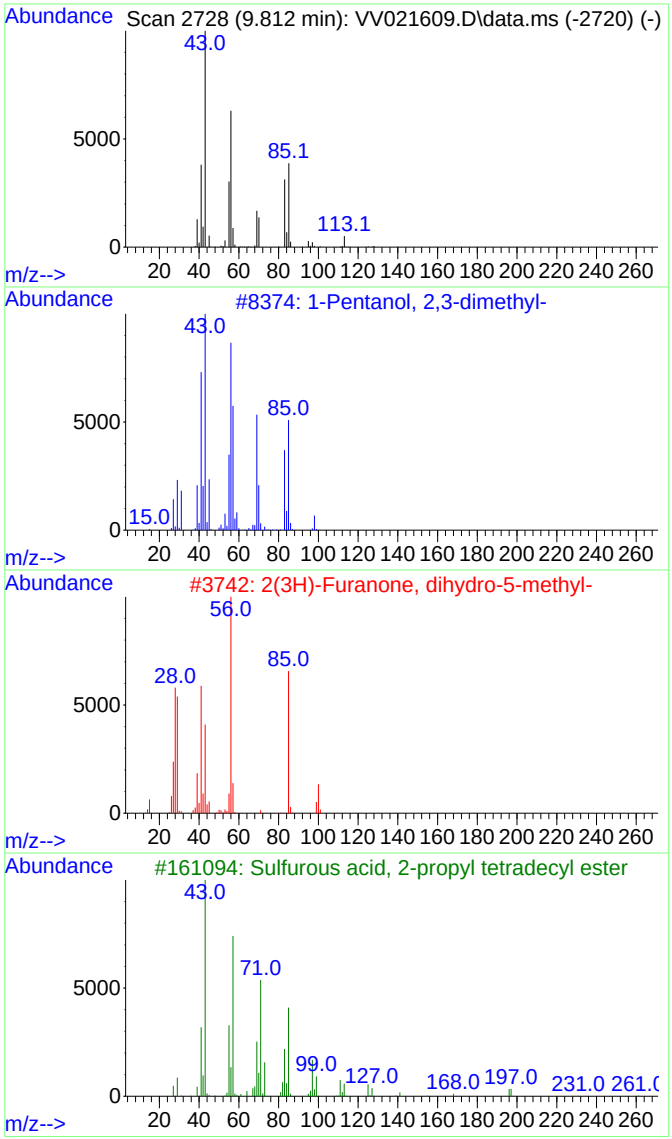
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

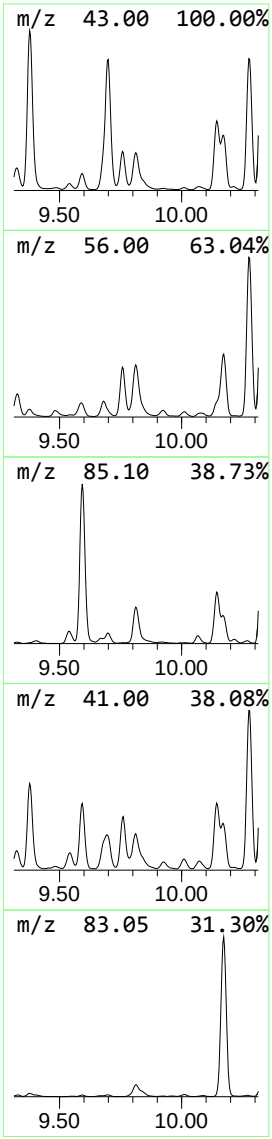
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1-Pentanol, 2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.812	28.54 ug/L	1037220	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	50
2	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	43
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	42
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	40
5	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	40





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Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

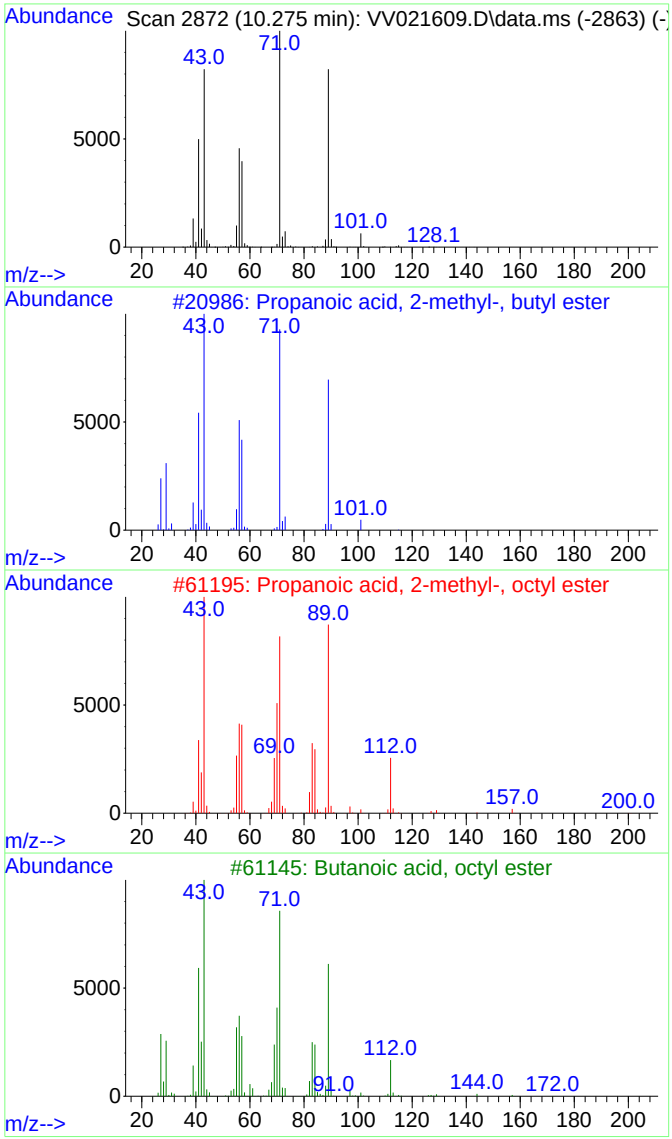
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

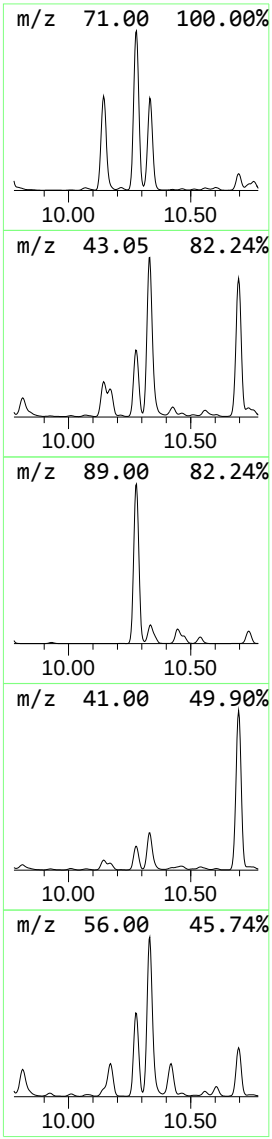
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Propanoic acid, 2-methyl-, ... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	33.41 ug/L	2380360	1,4-Dichlorobenzene-d4	11.249

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, octyl ester	200	C12H24O2	000110-39-4	83
4	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	83
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	74





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Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

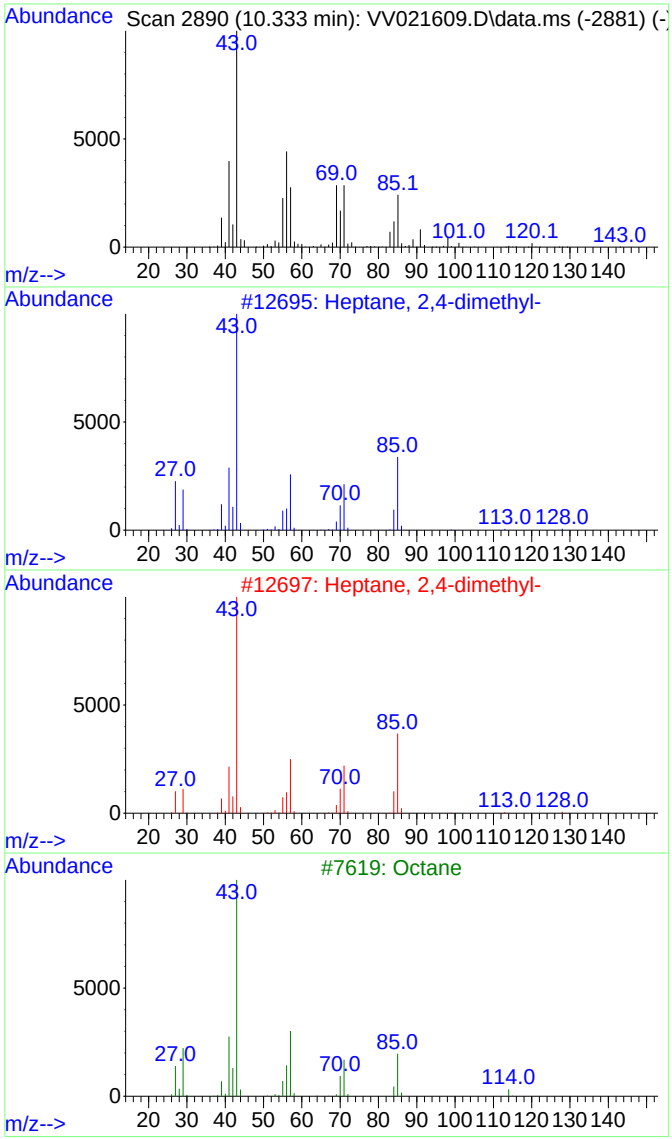
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

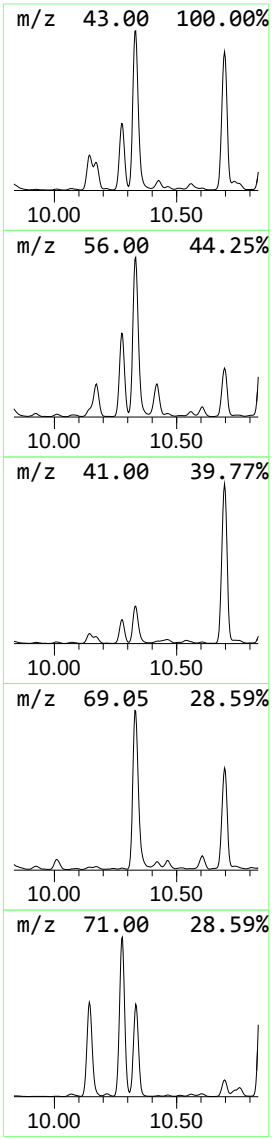
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	77.70 ug/L	5535640	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	62
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
3	Octane	114	C8H18	000111-65-9	50
4	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	50
5	Octane, 4-methyl-	128	C9H20	002216-34-4	47





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Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

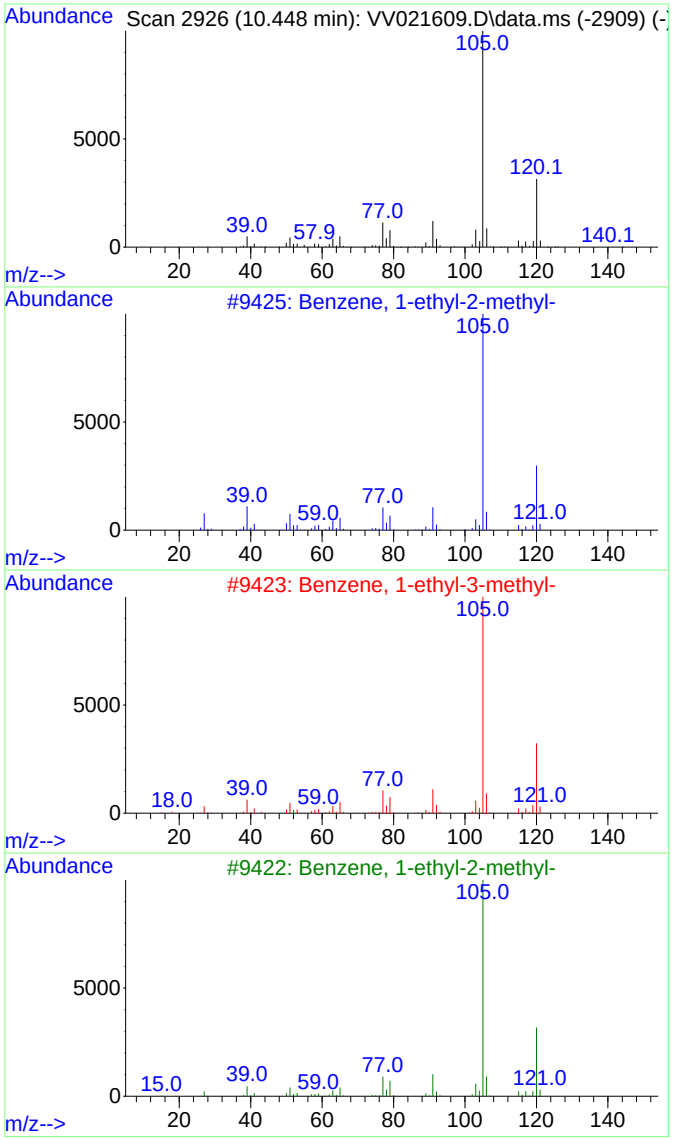
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

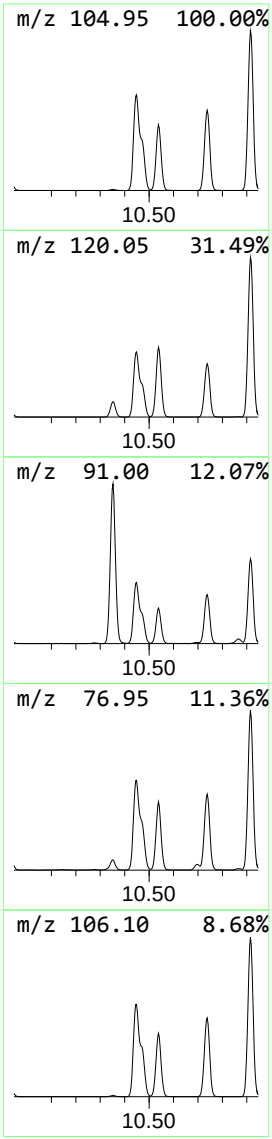
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	98.15 ug/L	6992140	1,4-Dichlorobenzene-d4	11.249

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





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Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

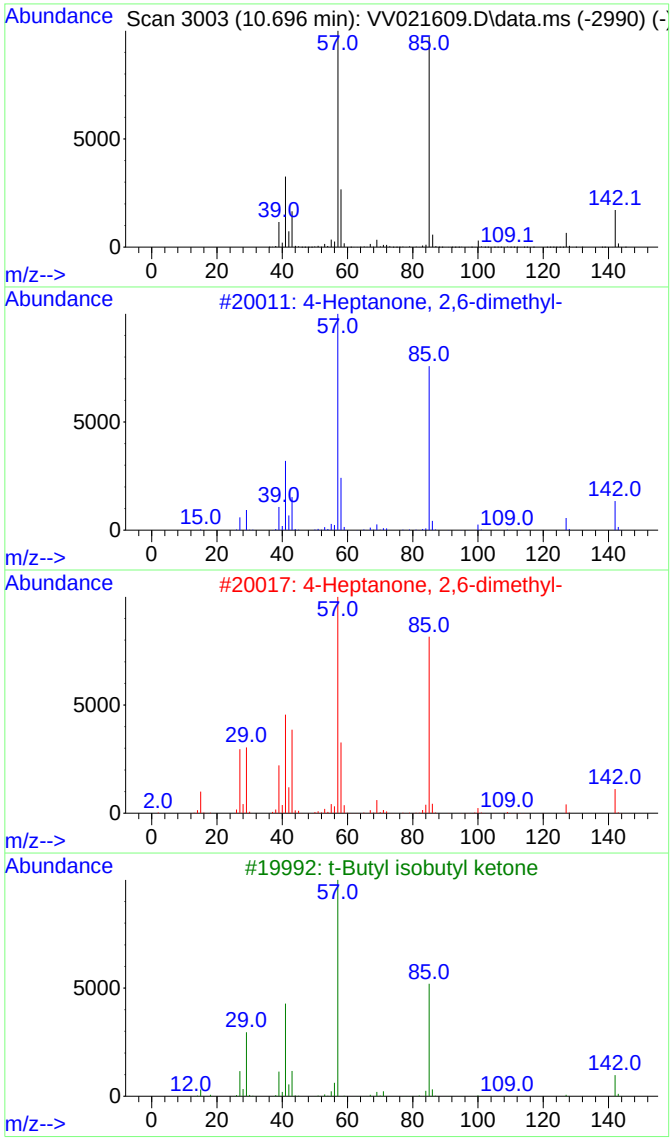
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

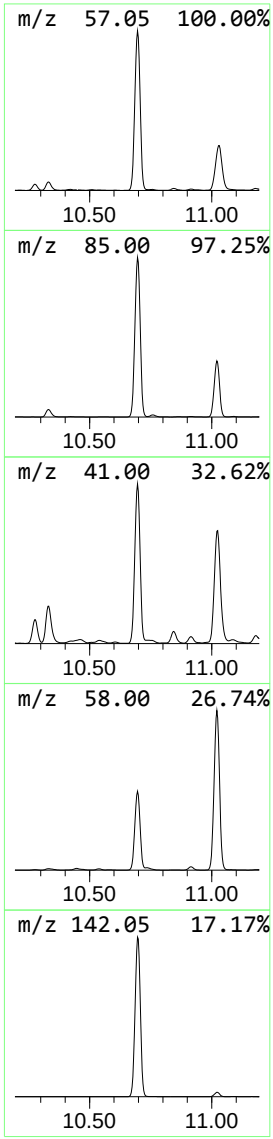
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4-Heptanone, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.696	261.94 ug/L	18660800	1,4-Dichlorobenzene-d4	11.249

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	74
3	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	59
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	5-Nonanone	142	C9H18O	000502-56-7	59





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Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

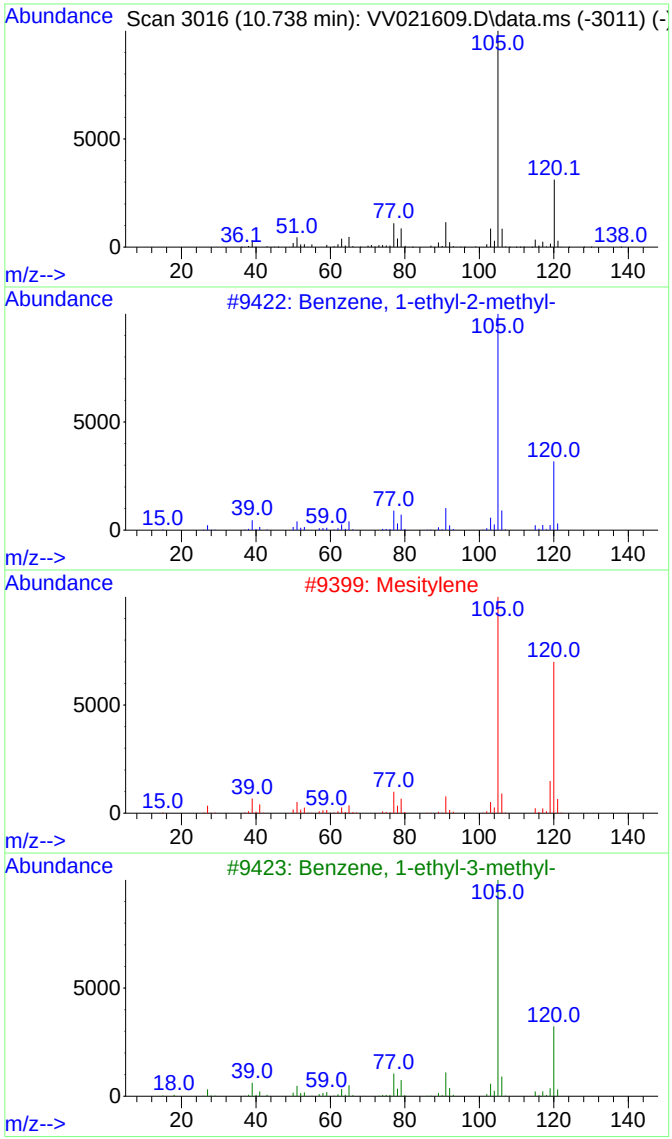
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

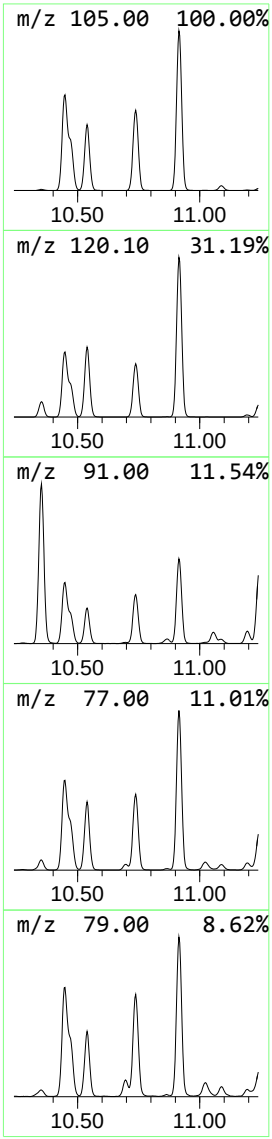
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	53.89 ug/L	3838970	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

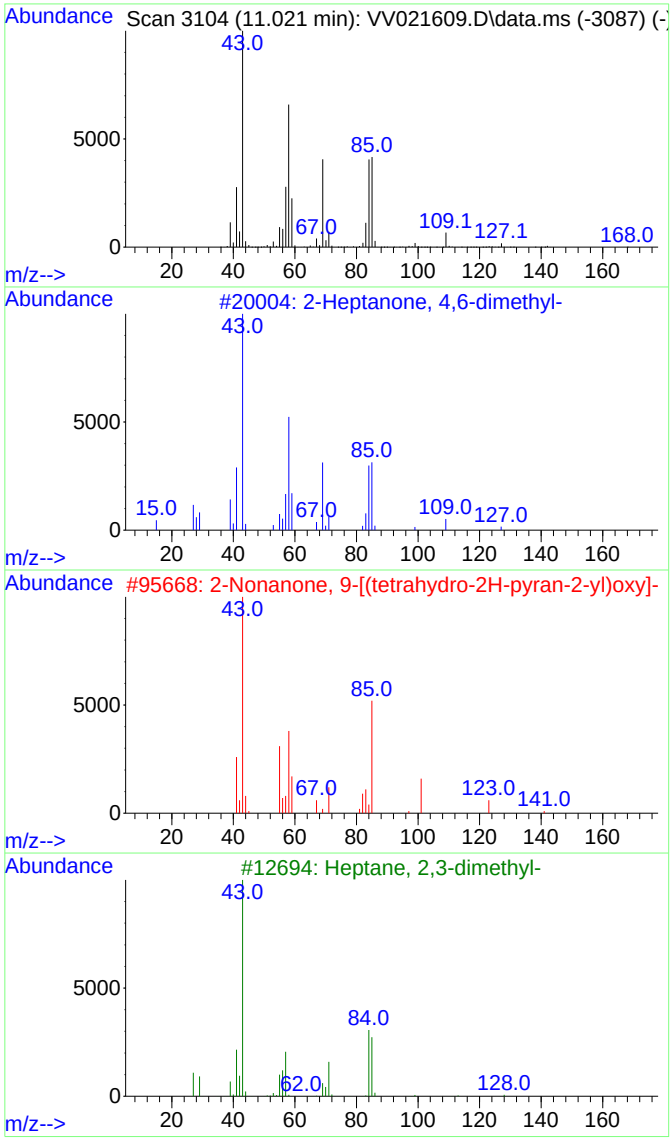
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

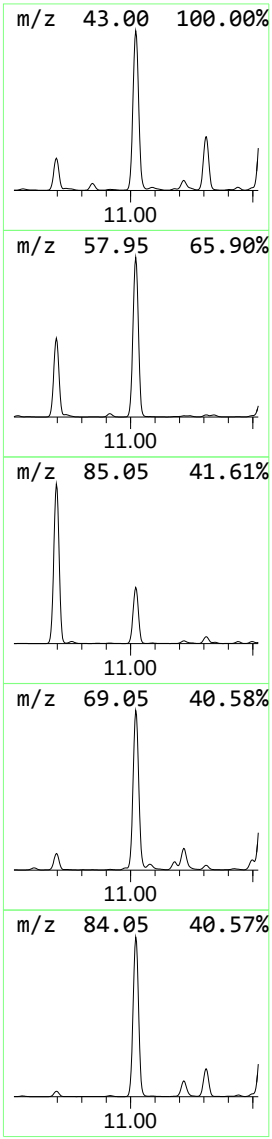
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2-Heptanone, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.021	314.13 ug/L	22378300	1,4-Dichlorobenzene-d4	11.249

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	53
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

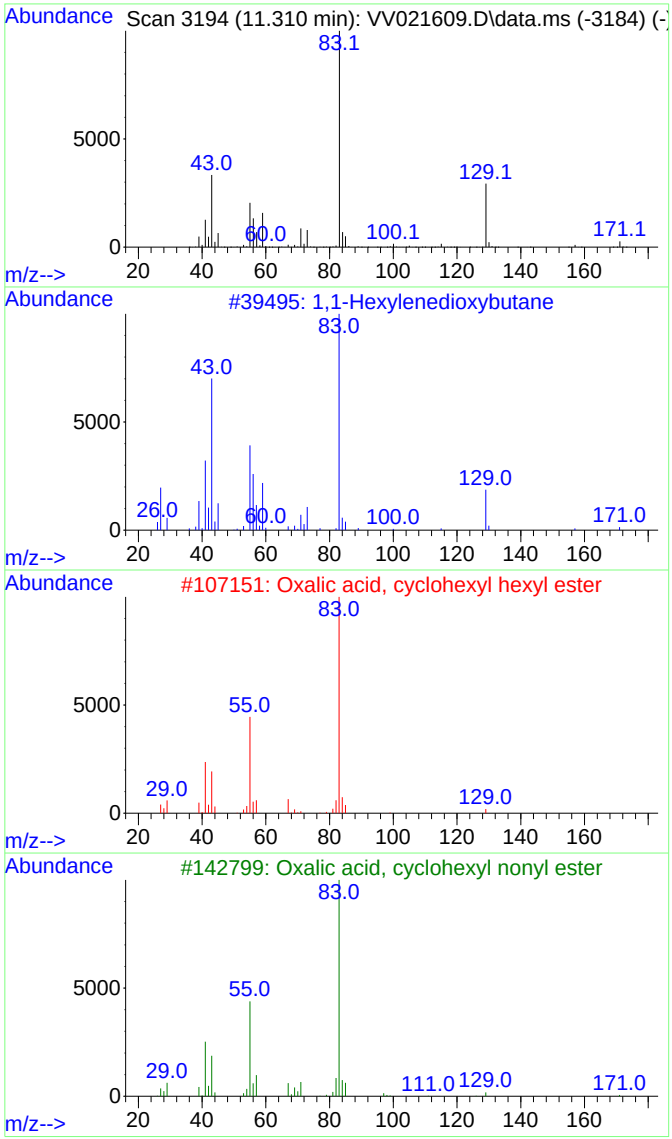
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

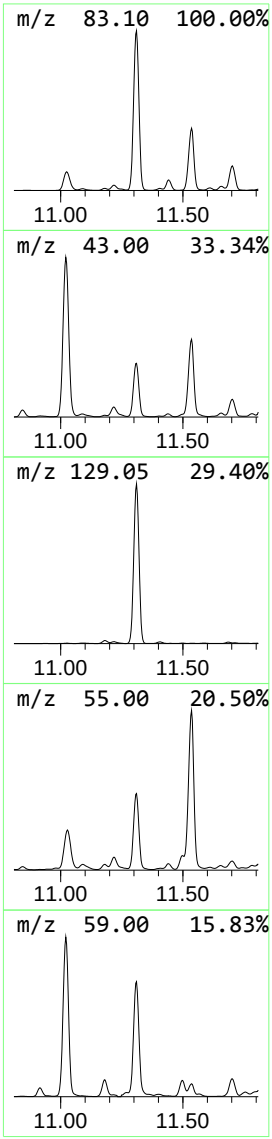
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,1-Hexylenedioxybutane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	234.63 ug/L	16715100	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	83
2	Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	50
3	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	40
4	Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	40
5	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	40





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Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

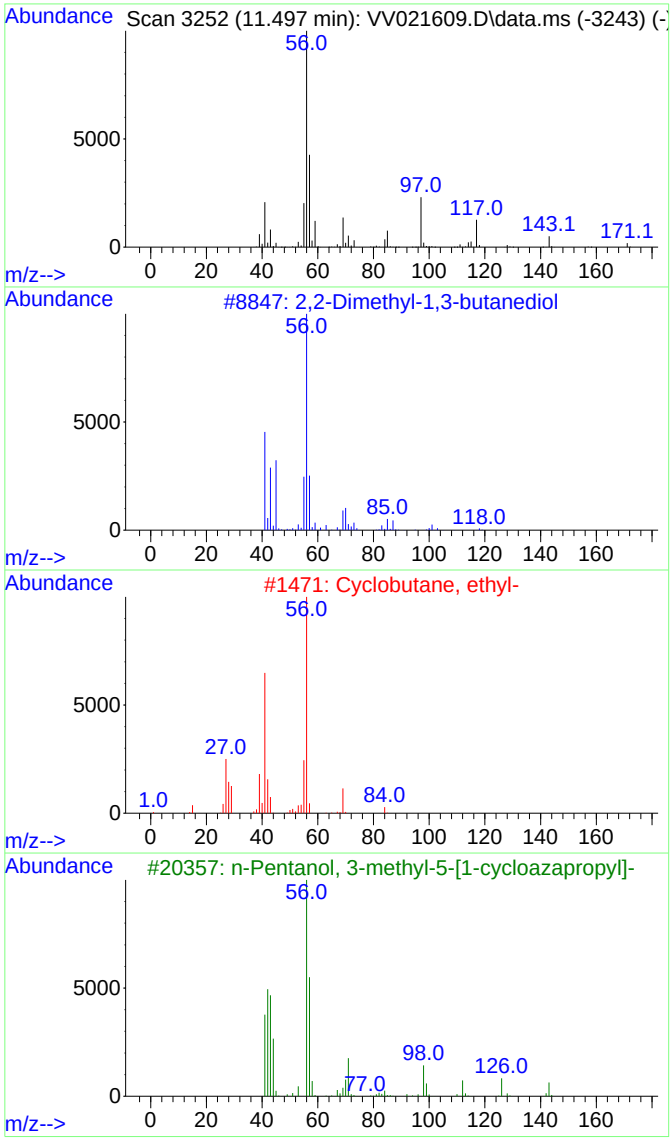
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

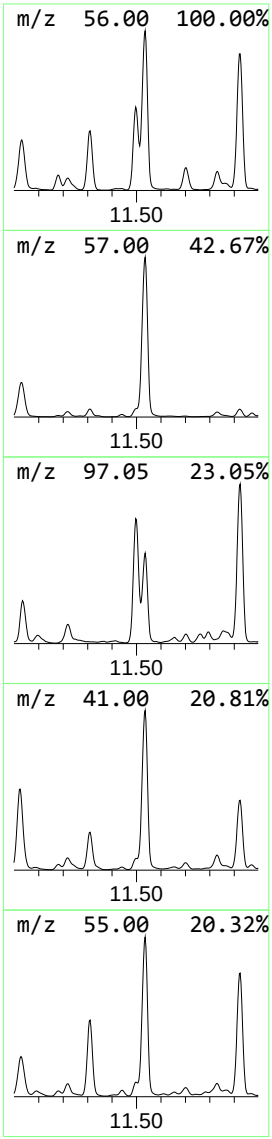
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2,2-Dimethyl-1,3-butanediol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.497	30.64 ug/L	2182940	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	50
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
3	n-Pentanol, 3-methyl-5-[1-cycloa...	143	C8H17NO	1000251-59-9	28
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	28
5	1H-Pyrrole-2,5-dione	97	C4H3NO2	000541-59-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

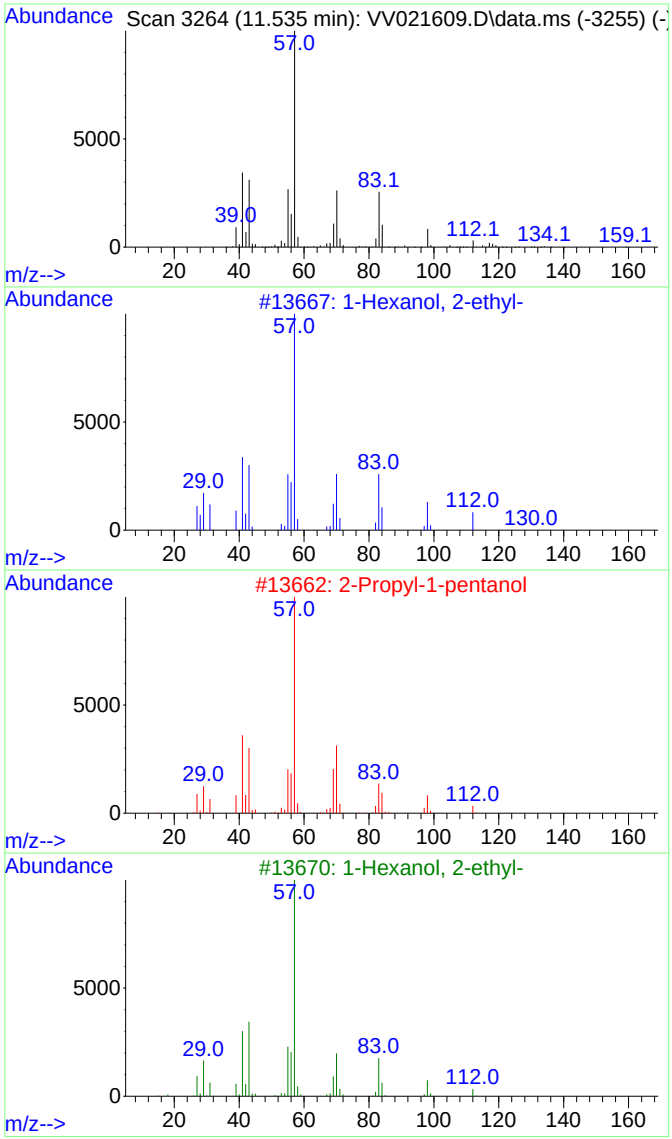
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

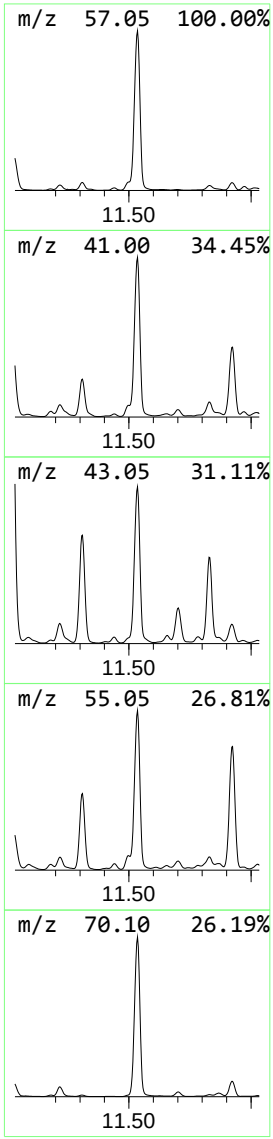
****

Peak Number 29 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.535	364.80 ug/L	25988400	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
4	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	53
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

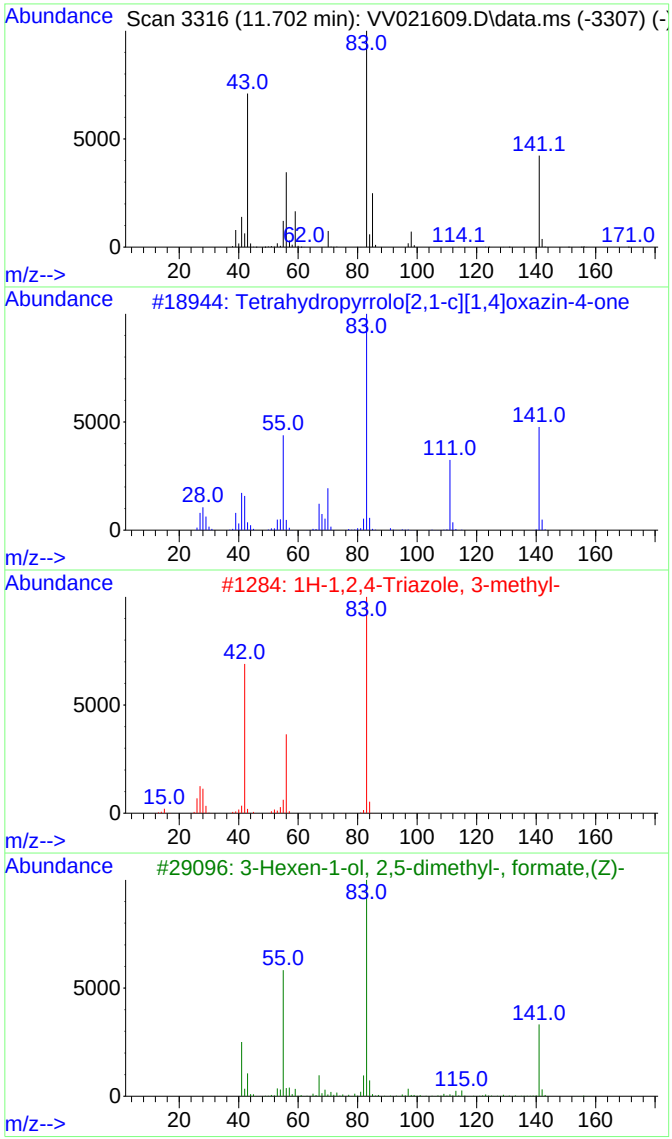
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

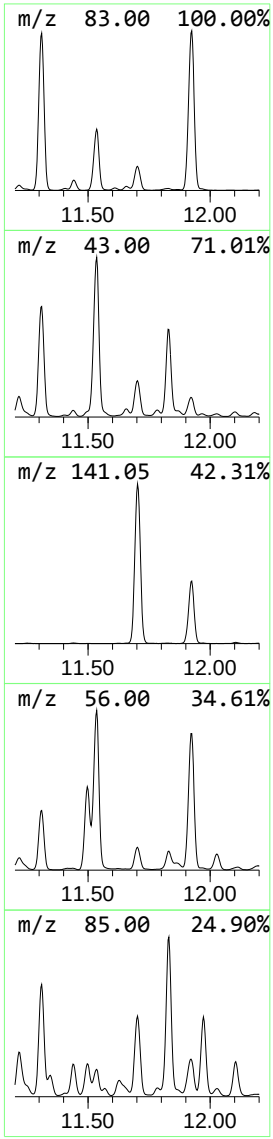
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Tetrahydropyrrolo[2,1-c][1,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.702	32.71 ug/L	2330020	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydropyrrolo[2,1-c][1,4]oxa...	141	C7H11NO2	101250-37-7	53
2	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	43
3	3-Hexen-1-ol, 2,5-dimethyl-, for...	156	C9H16O2	1000132-12-3	42
4	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	10
5	4(1H)-Pyridinone, tetrahydro-1,3...	141	C8H15NO	1000318-97-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

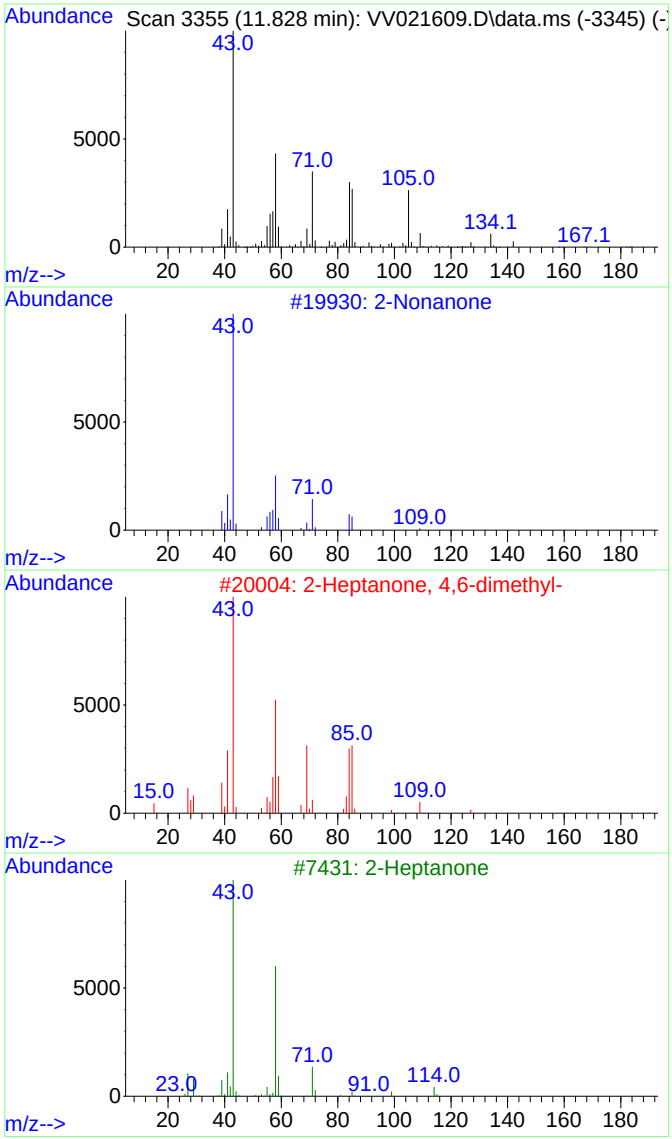
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

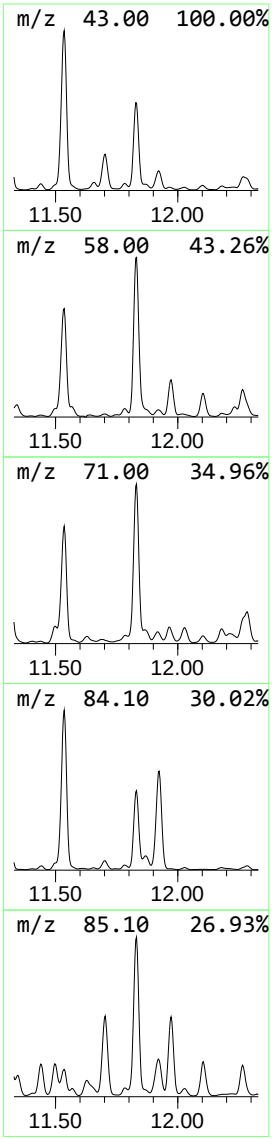
****

Peak Number 31 2-Nonanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	68.86 ug/L	4905460	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	50
2	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	38
3	2-Heptanone	114	C7H14O	000110-43-0	27
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	27
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

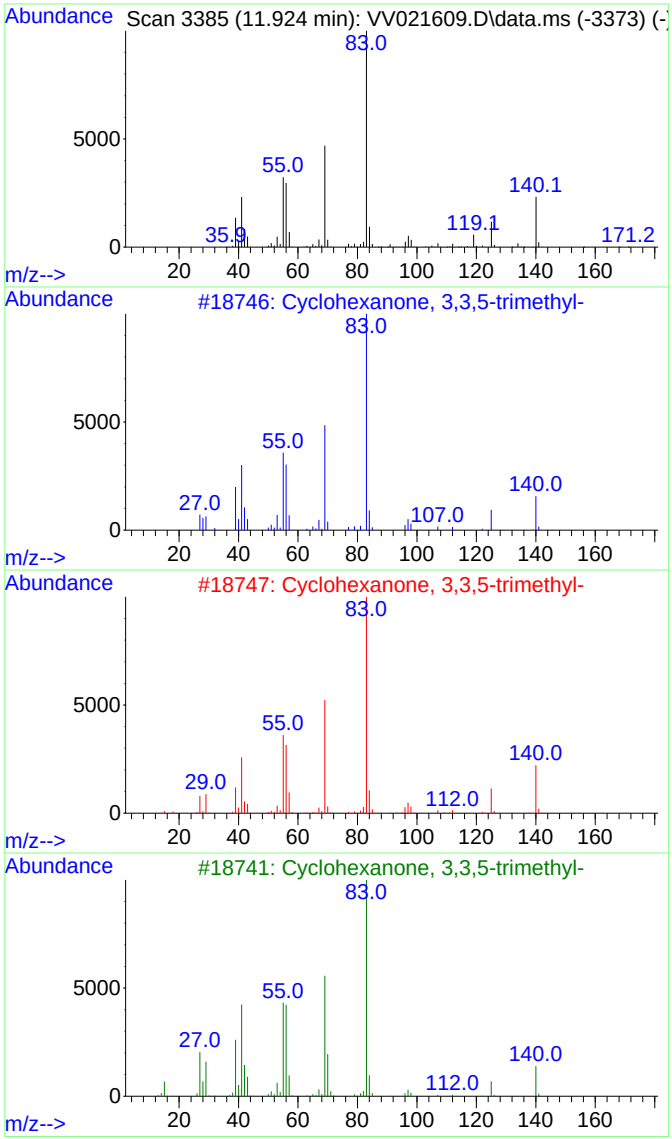
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

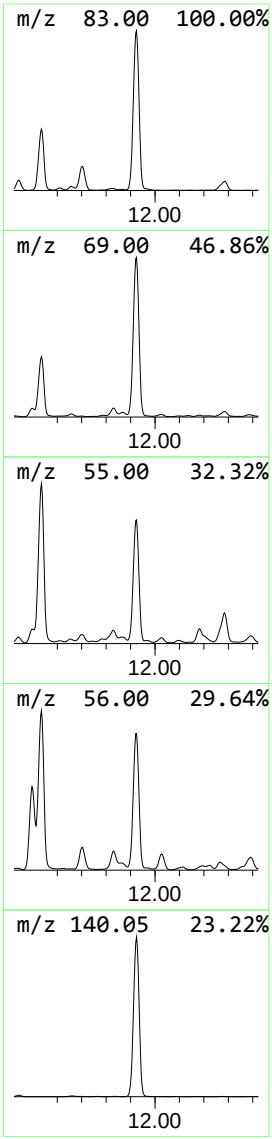
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.924	252.32 ug/L	17975500	1,4-Dichlorobenzene-d4	11.249

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\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

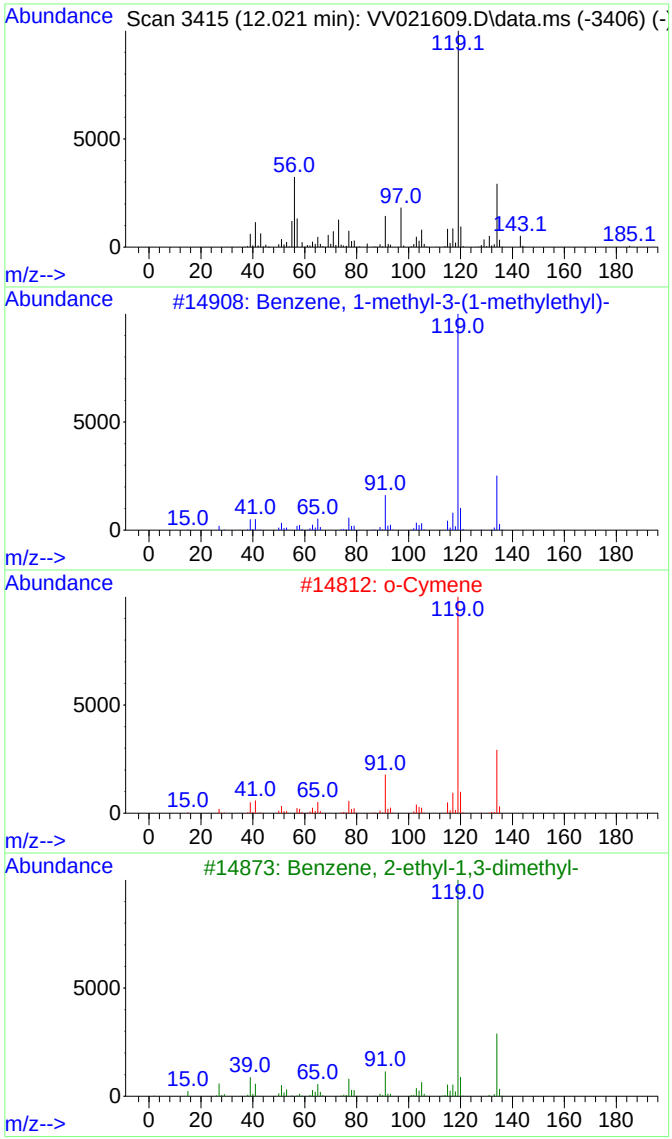
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

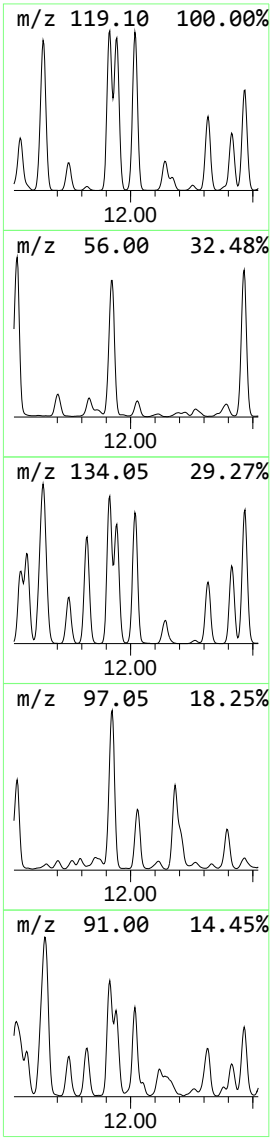
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1-methyl-3-(1-meth... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	28.76 ug/L	2048810	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
2	o-Cymene	134	C10H14	000527-84-4	92
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

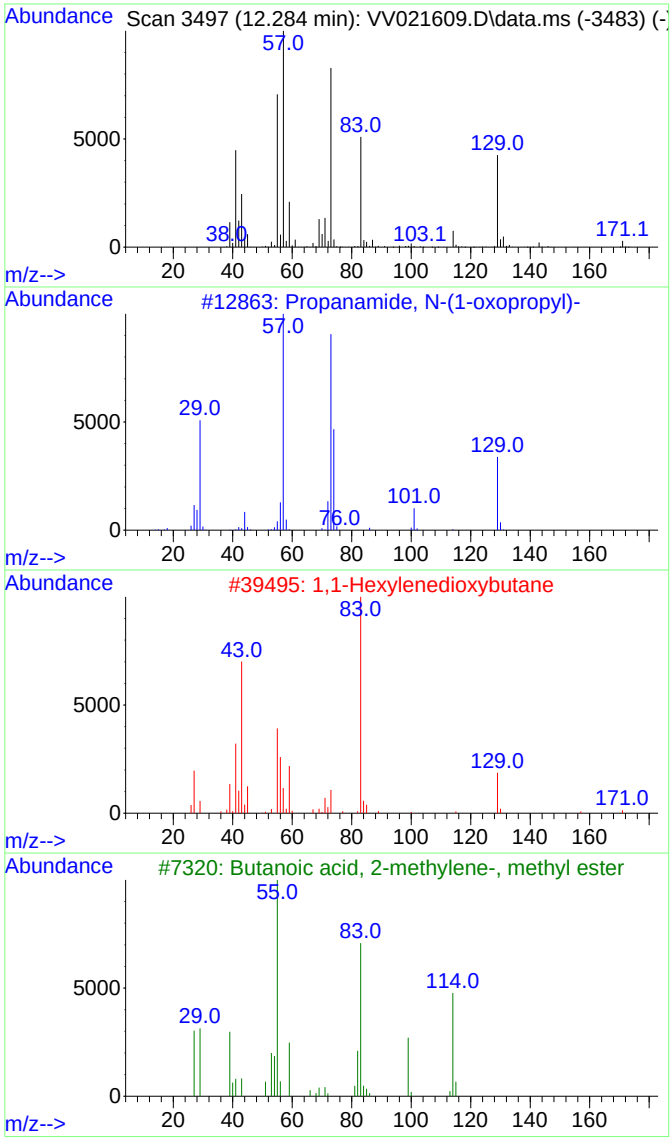
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

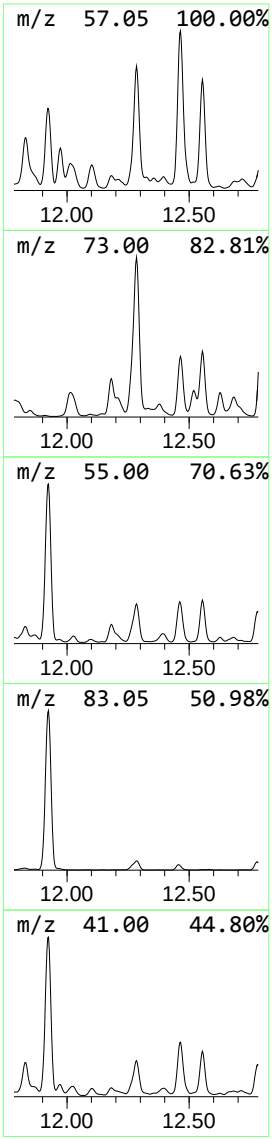
****

Peak Number 36 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.284	61.90 ug/L	4409980	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, N-(1-oxopropyl)-	129	C6H11NO2	006050-26-6	32
2	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	32
3	Butanoic acid, 2-methylene-, met...	114	C6H10O2	002177-67-5	22
4	Neopentyl isothiocyanate	129	C6H11NS	000597-97-7	17
5	Silane, [(6-chlorohexyl)oxy]trim...	208	C9H21ClOSi	034714-00-6	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

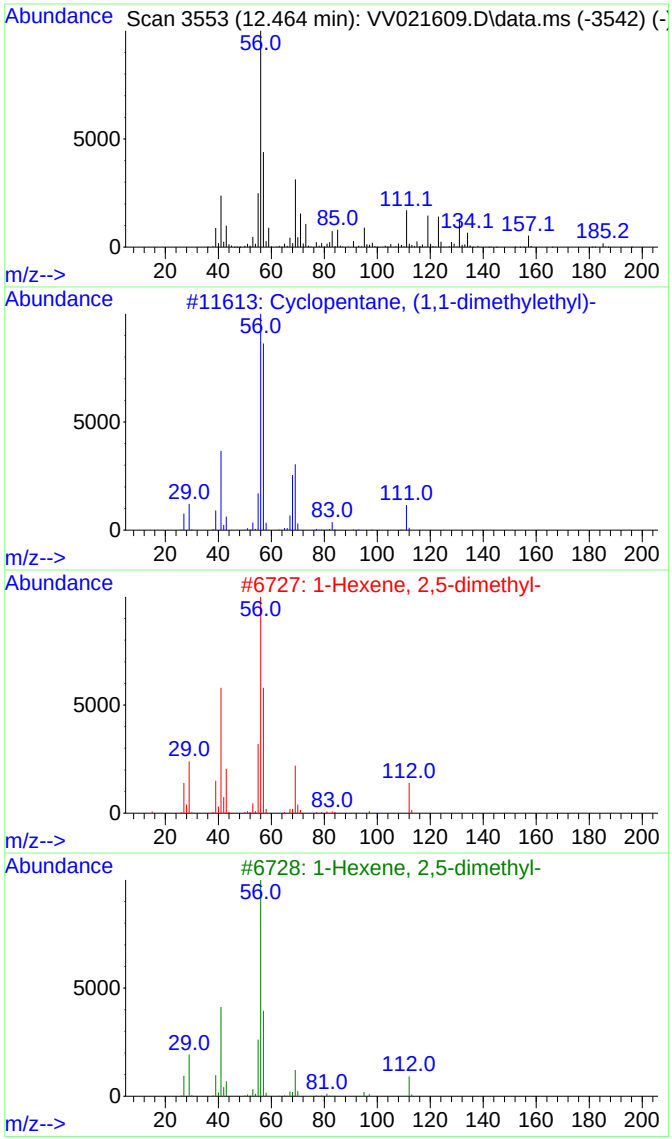
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

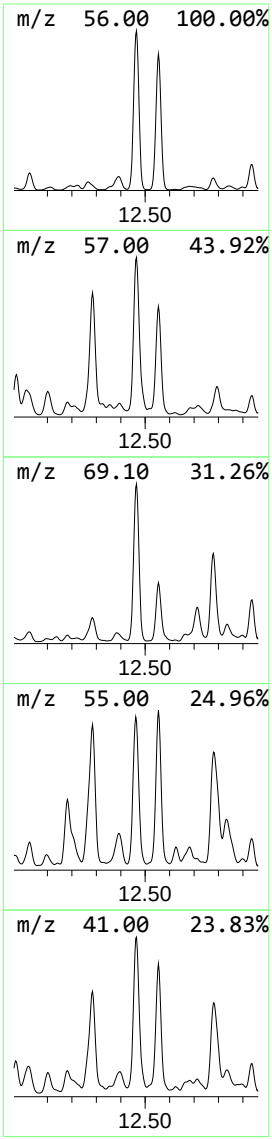
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Cyclic12.464 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	102.03 ug/L	7268790	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	43
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
4	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	38
5	1-Oxa-4-azaspiro[4.5]decan-4-oxy...	198	C10H16NO3	1000115-84-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

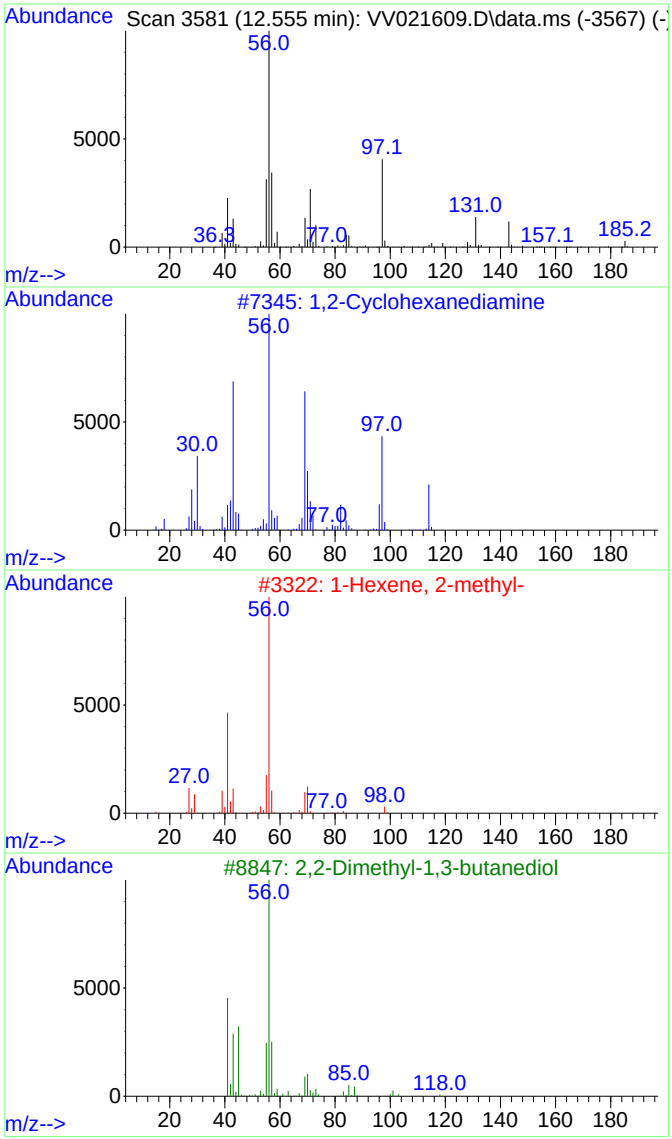
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

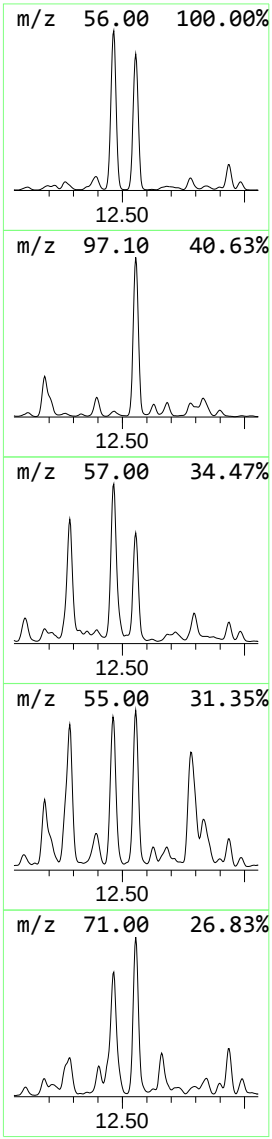
****

Peak Number 39 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.555	69.80 ug/L	4972430	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanediamine	114	C6H14N2	000694-83-7	36
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35
3	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	32
4	2-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	17
5	Nonane, 5-methylene-	140	C10H20	006795-79-5	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

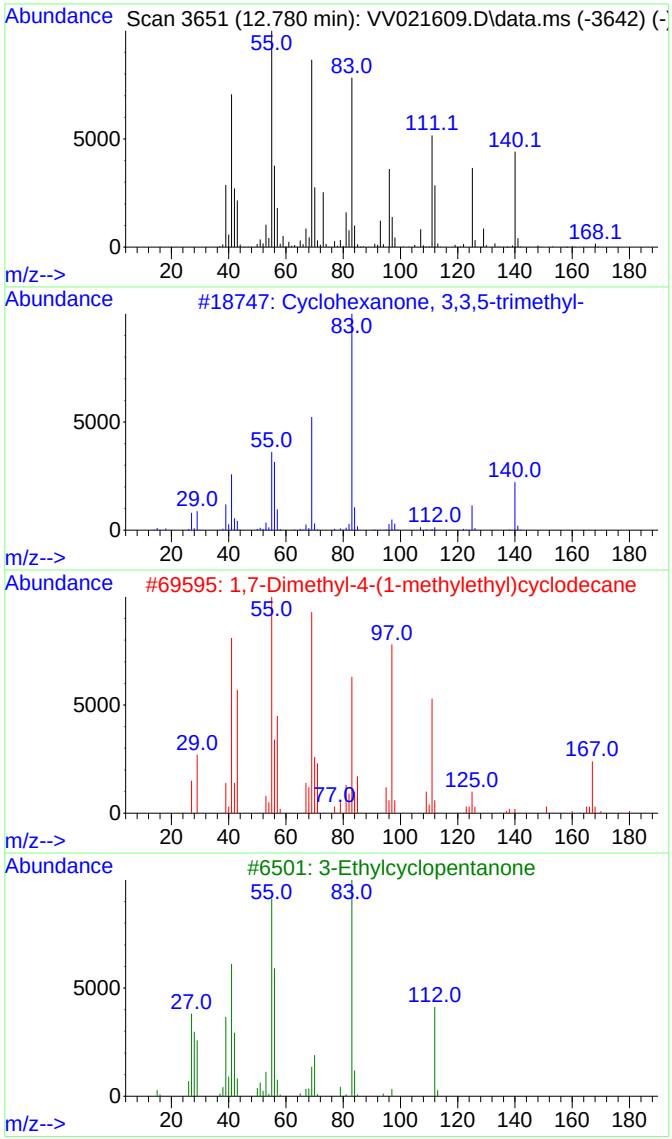
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

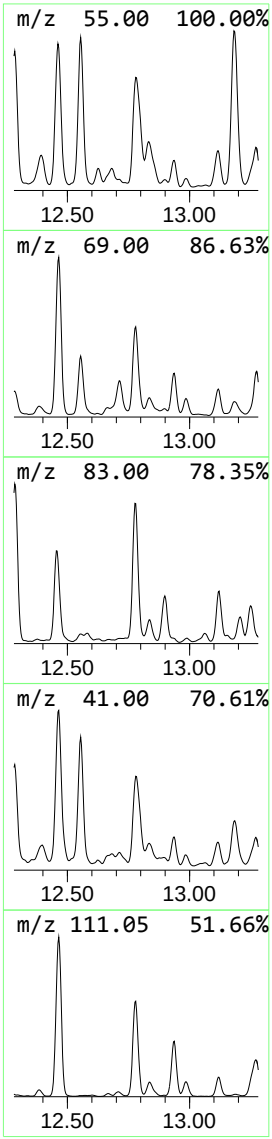
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 1,7-Dimethyl-4-(1-methyleth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	44.48 ug/L	3168830	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	52
2	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	50
3	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	30
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	27
5	3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

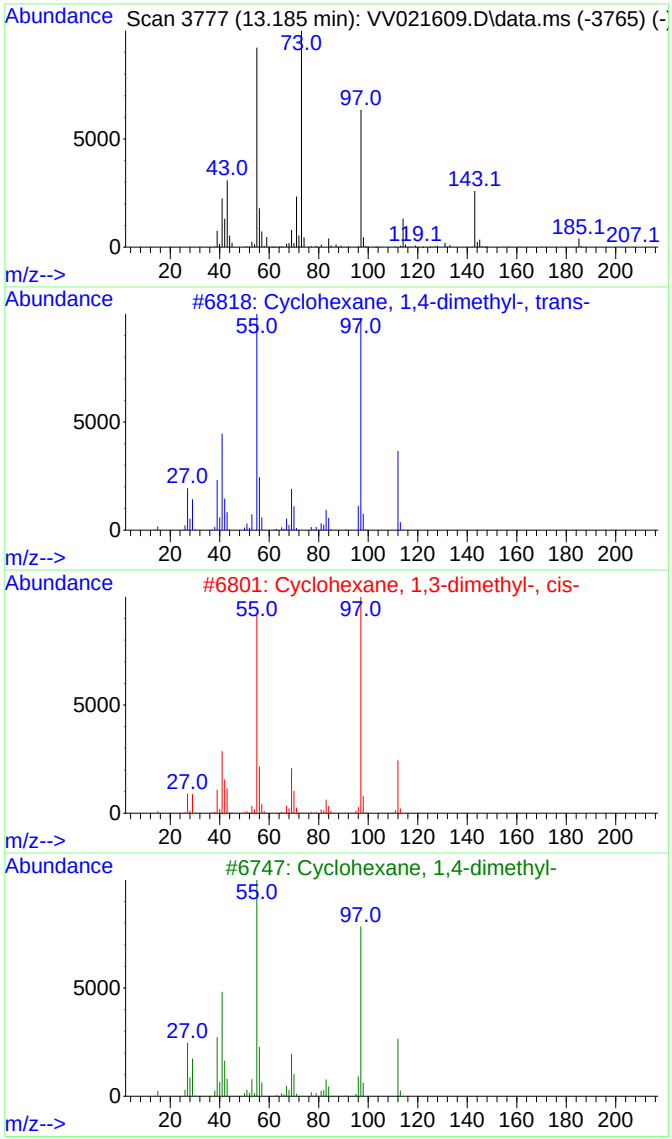
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

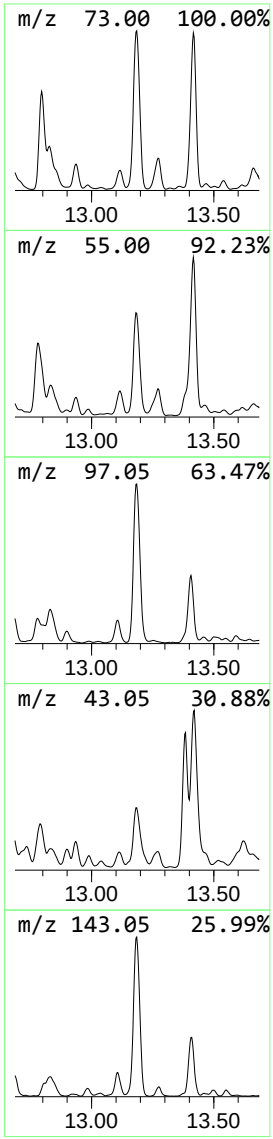
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Cyclic13.185 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.185	38.73 ug/L	2759270	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	35
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	35
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	35
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	27
5	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

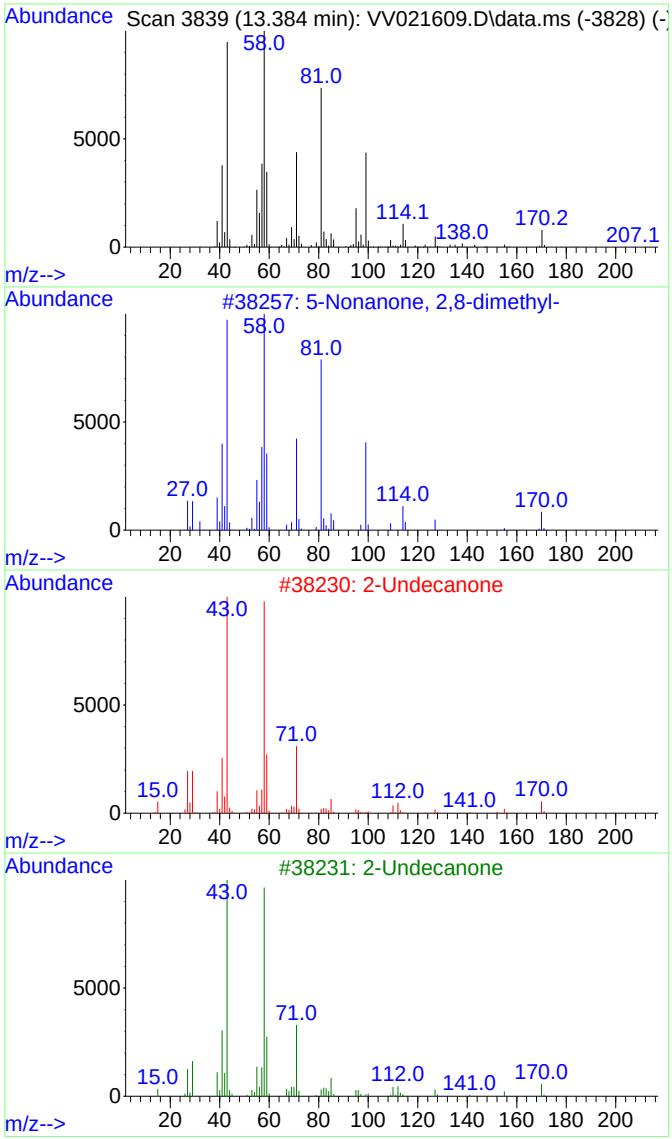
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

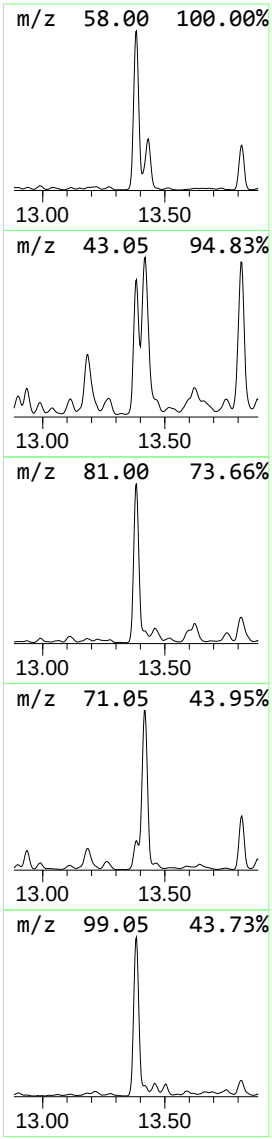
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 5-Nonanone, 2,8-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.384	29.59 ug/L	2107840	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	58
2	2-Undecanone	170	C11H22O	000112-12-9	43
3	2-Undecanone	170	C11H22O	000112-12-9	38
4	11-Dodecen-2-one	182	C12H22O	005009-33-6	38
5	2-Methoxyethyl 2-ethylhexanoate	202	C11H22O3	205983-99-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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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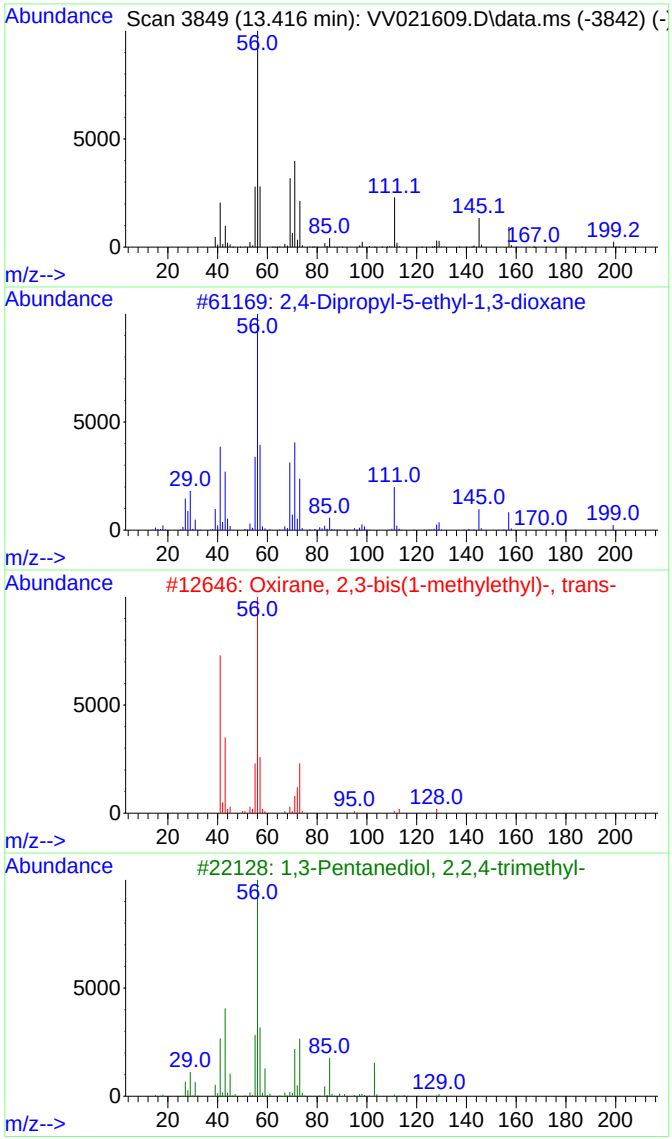
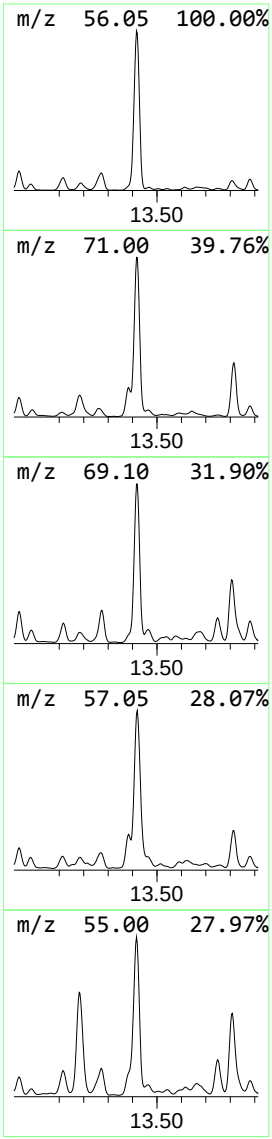
Peak Number 51 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	115.91 ug/L	8257190	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	47
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	37
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	25
4	2-Methyl-1-nonene	140	C10H20	002980-71-4	16
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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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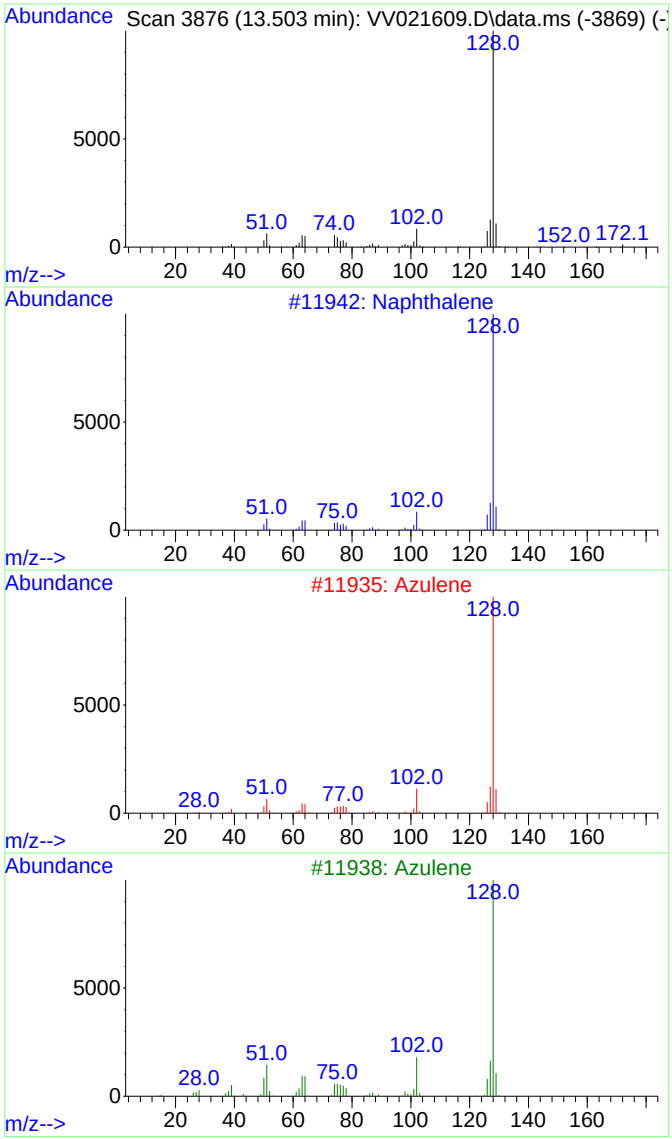
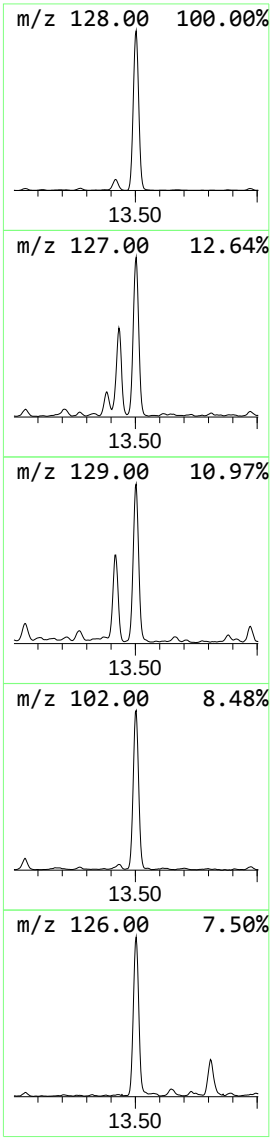
Peak Number 52 Azulene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	30.77 ug/L	2191750	1,4-Dichlorobenzene-d4	11.249

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	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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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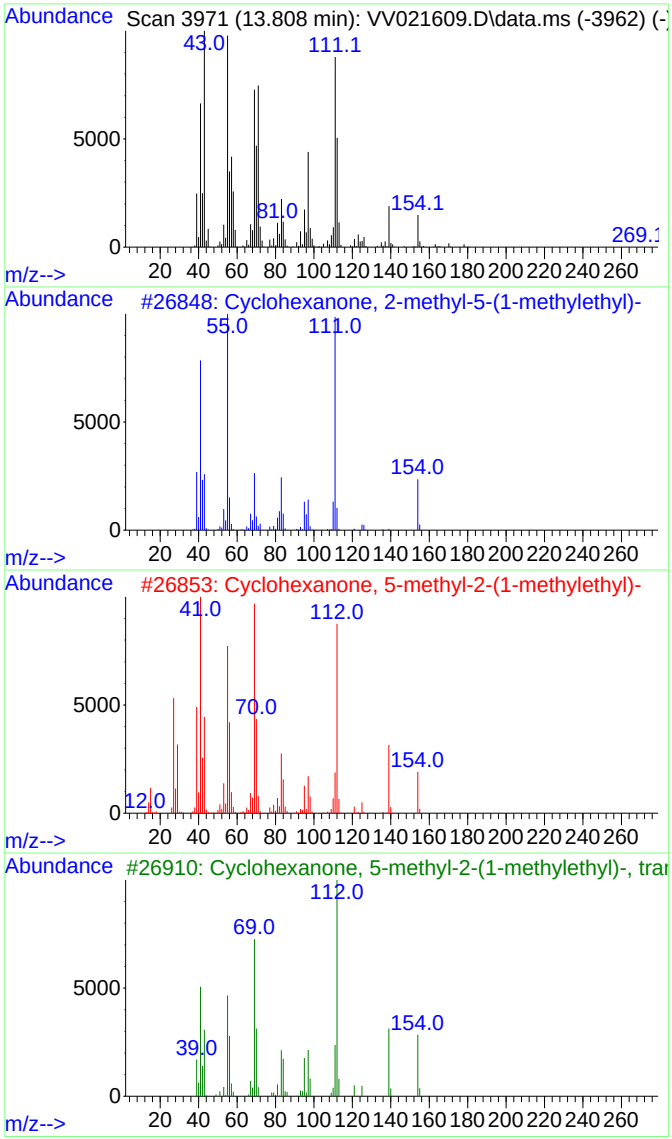
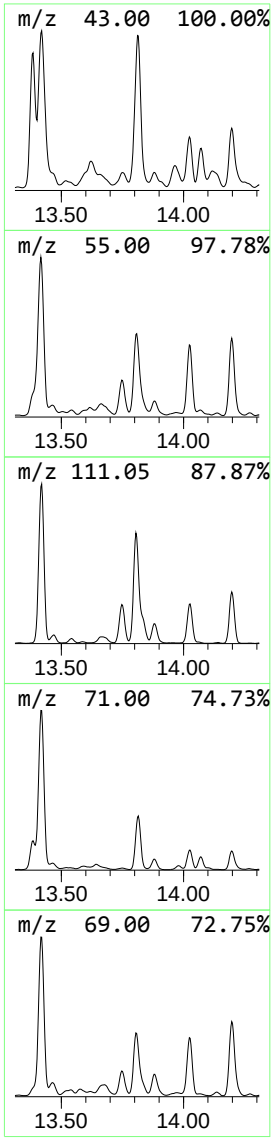
Peak Number 55 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.809	58.33 ug/L	4155540	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	38
2	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	35
3	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000089-80-5	35
4	Tetrahydrocarvone	154	C10H18O	000499-70-7	30
5	3-Octene, (Z)-	112	C8H16	014850-22-7	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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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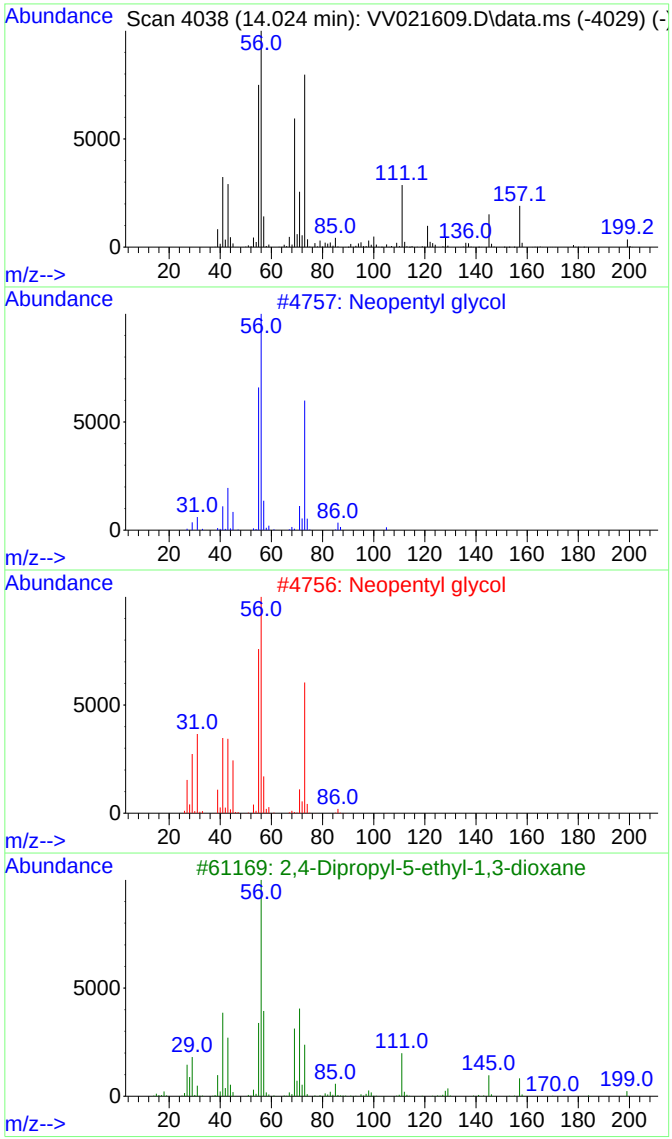
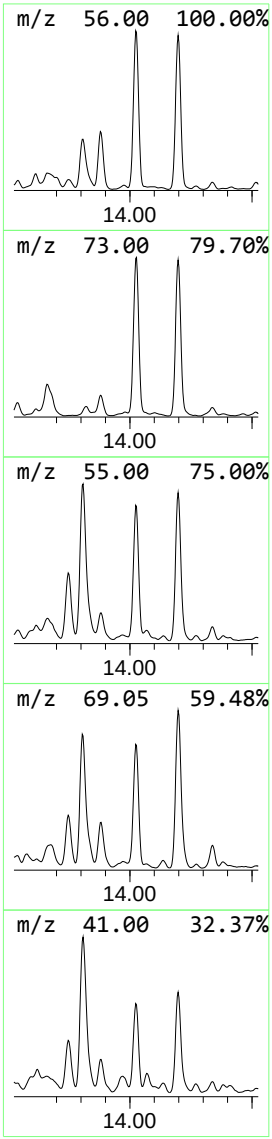
Peak Number 58 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.024	29.00 ug/L	2066120	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentyl glycol	104	C5H12O2	000126-30-7	38
2	Neopentyl glycol	104	C5H12O2	000126-30-7	37
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	36
4	Tridecane, 7-methylene-	196	C14H28	019780-80-4	28
5	Neopentyl glycol	104	C5H12O2	000126-30-7	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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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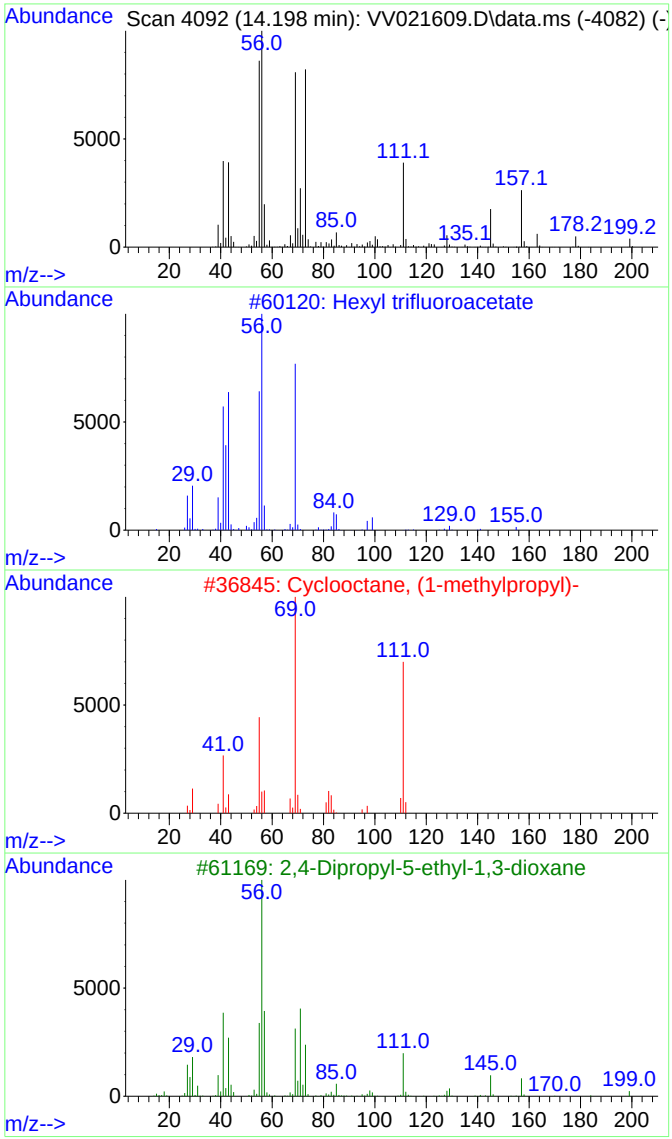
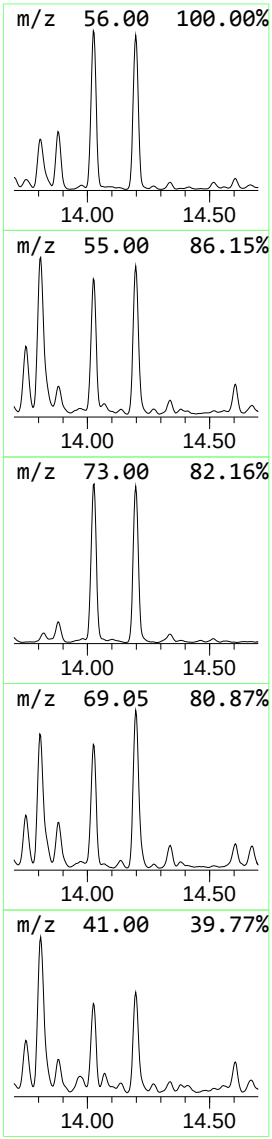
Peak Number 60 unknown-06 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	38.77 ug/L	2761690	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	47
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37
4	Undecanol-4	172	C11H24O	004272-06-4	35
5	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021609.D
Acq On : 06 Jul 2021 12:09
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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
Isopropyl Alcohol	2.285	81.0	ug/L	1356420	1	5.613	836981	50.0
Propanal, 2-met...	2.947	83.5	ug/L	1397510	1	5.613	836981	50.0
Butanal	3.687	511.7	ug/L	8566310	1	5.613	836981	50.0
3-Hexen-2-one	8.252	47.7	ug/L	1733600	2	8.850	1816840	50.0
2-Hexanone, 5-m...	9.236	30.1	ug/L	1092890	2	8.850	1816840	50.0
4-Heptanone	9.378	48.5	ug/L	1762930	2	8.850	1816840	50.0
3-Heptanone	9.593	34.6	ug/L	1257430	2	8.850	1816840	50.0
2-Heptanone	9.696	52.7	ug/L	1915250	2	8.850	1816840	50.0
1-Pentanol, 2,3...	9.812	28.5	ug/L	1037220	2	8.850	1816840	50.0
Propanoic acid,...	10.275	33.4	ug/L	2380360	3	11.249	3562000	50.0
(DEL) Alkane: S...	10.333	77.7	ug/L	5535640	3	11.249	3562000	50.0
Benzene, 1-ethy...	10.448	98.2	ug/L	6992140	3	11.249	3562000	50.0
4-Heptanone, 2,...	10.696	261.9	ug/L	18660800	3	11.249	3562000	50.0
Benzene, 1-ethy...	10.738	53.9	ug/L	3838970	3	11.249	3562000	50.0
2-Heptanone, 4,...	11.021	314.1	ug/L	22378300	3	11.249	3562000	50.0
1,1-Hexylenedio...	11.310	234.6	ug/L	16715100	3	11.249	3562000	50.0
2,2-Dimethyl-1,...	11.497	30.6	ug/L	2182940	3	11.249	3562000	50.0
1-Hexanol, 2-et...	11.535	364.8	ug/L	25988400	3	11.249	3562000	50.0
Tetrahydropyrro...	11.702	32.7	ug/L	2330020	3	11.249	3562000	50.0
2-Nonanone	11.828	68.9	ug/L	4905460	3	11.249	3562000	50.0
Cyclohexanone, ...	11.924	252.3	ug/L	17975500	3	11.249	3562000	50.0
Benzene, 1-meth...	12.021	28.8	ug/L	2048810	3	11.249	3562000	50.0
unknown-01	12.284	61.9	ug/L	4409980	3	11.249	3562000	50.0
(DEL) Alkane: C...	12.464	102.0	ug/L	7268790	3	11.249	3562000	50.0
unknown-02	12.555	69.8	ug/L	4972430	3	11.249	3562000	50.0
1,7-Dimethyl-4-...	12.780	44.5	ug/L	3168830	3	11.249	3562000	50.0
(DEL) Alkane: C...	13.185	38.7	ug/L	2759270	3	11.249	3562000	50.0
5-Nonanone, 2,8...	13.384	29.6	ug/L	2107840	3	11.249	3562000	50.0
unknown-03	13.416	115.9	ug/L	8257190	3	11.249	3562000	50.0
Azulene	13.503	30.8	ug/L	2191750	3	11.249	3562000	50.0
unknown-04	13.809	58.3	ug/L	4155540	3	11.249	3562000	50.0
unknown-05	14.024	29.0	ug/L	2066120	3	11.249	3562000	50.0
unknown-06	14.198	38.8	ug/L	2761690	3	11.249	3562000	50.0