LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 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: VV021611.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	90	rBV3	227431	275833	0.98%	0.089%
2	1.372	90	103	133	rBV2	102501	375195	1.33%	0.122%
3	2.101	316	330	338	rBV2	418610	924717	3.28%	0.300%
4	2.153	338	346	371	rVB	2568396	3950873	14.01%	1.280%
5	2.269	371	382	415	rVB	598598	1080777	3.83%	0.350%
6	2.944	578	592	614	rBV	678191	1377793	4.89%	0.446%
7	3.185	652	667	685	rVV	155937	331510	1.18%	0.107%
8	3.687	807	823	863	rBV	3559678	8498711	30.14%	2.754%
9	3.870	869	880	883	rBV	171281	294485	1.04%	0.095%
10	4.346	998	1028	1056	rBV2	283374	730781	2.59%	0.237%
11	5.043	1225	1245	1253	rBV2	675077	1740077	6.17%	0.564%
12	5.613	1410	1422	1456	rVB	557528	1120898	3.97%	0.363%
13	5.921	1501	1518	1548	rBV2	718353	1660906	5.89%	0.538%
14	6.069	1551	1564	1577	rBV	370516	739454	2.62%	0.240%
15	6.169	1586	1595	1612	rVB	342777	645457	2.29%	0.209%
16	6.985	1834	1849	1866	rBV	232903	423897	1.50%	0.137%
17	7.223	1910	1923	1941	rBV	3151558	5476546	19.42%	1.774%
18	7.317	1941	1952	1961	rVV	832639	1448153	5.14%	0.469%
19	7.387	1961	1974	1990	rVV	3085294	5406071	19.17%	1.752%
20	7.622	2036	2047	2058	rBV	177311	318513	1.13%	0.103%
21	7.683	2058	2066	2088	rVB	289902	530519	1.88%	0.172%
22	7.998	2149	2164	2175	rVV2	305583	621749	2.20%	0.201%
23	8.079	2175	2189	2202	rVV	8953969	15294337	54.24%	4.955%
24	8.137	2202	2207	2224	rVB	265116	434357	1.54%	0.141%
25	8.249	2232	2242	2261	rBV	1178249	1972017	6.99%	0.639%
26	8.825	2405	2421	2424	rBV2	1072498	1658266	5.88%	0.537%
27	9.011	2470	2479	2489	rVV	966782	1494604	5.30%	0.484%
28	9.075	2489	2499	2507	rVV3	564840	1055284	3.74%	0.342%
29	9.136	2507	2518	2533	rVV	3307700	5874540	20.83%	1.903%
30	9.239	2542	2550	2565	rVB	742605	1144643	4.06%	0.371%
31	9.326	2566	2577	2585	rBV3	366244	596464	2.12%	0.193%
32	9.381	2585	2594	2612	rVB	1126638	1741465	6.18%	0.564%
33	9.542	2633	2644	2653	rBV	2743791	4244053	15.05%	1.375%
34	9.593	2653	2660	2676	rVB	843385	1259251	4.47%	0.408%
35	9.696	2676	2692	2703	rBV3	860518	1905619	6.76%	0.617%
36	9.760	2703	2712	2719	rVV2	549197	864447	3.07%	0.280%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
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Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 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	9.812	2721	2728	2754	rVB3	414322	973572	3.45%	0.315%
38	9.931	2755	2765	2779	rVB	416852	654157	2.32%	0.212%
39	10.008	2780	2789	2800	rVB	171689	267289	0.95%	0.087%
40	10.143	2821	2831	2835	rBV	869038	1243513	4.41%	0.403%
41	10.172	2836	2840	2847	rVV	957974	1314601	4.66%	0.426%
42	10.217	2847	2854	2863	rVV	628887	961915	3.41%	0.312%
43	10.278	2863	2873	2881	rVV	1740075	2501970	8.87%	0.811%
44	10.333	2881	2890	2908	rVV3	3151473	5912395	20.97%	1.916%
45	10.448	2910	2926	2943	rVV	3009831	7060483	25.04%	2.288%
46	10.538	2944	2954	2969	rVV	2258975	3697476	13.11%	1.198%
47	10.699	2990	3004	3011	rBV	12673157	19464151	69.02%	6.306%
48	10.738	3011	3016	3033	rVB	2592031	3996833	14.17%	1.295%
49	10.844	3040	3049	3061	rBV	1119547	1650607	5.85%	0.535%
50	10.918	3061	3072	3086	rVB	5464584	8102882	28.73%	2.625%
51	11.024	3087	3105	3119	rBV2	13615737	23192815	82.25%	7.514%
52	11.088	3119	3125	3144	rVB4	494119	977425	3.47%	0.317%
53	11.185	3144	3155	3158	rBV2	831026	1268824	4.50%	0.411%
54	11.220	3159	3166	3168	rBV	995658	1170210	4.15%	0.379%
55	11.246	3169	3174	3184	rVB3	2677273	3965495	14.06%	1.285%
56	11.310	3184	3194	3201	rBV	7617953	12332718	43.73%	3.996%
57	11.442	3227	3235	3243	rVB2	634302	910265	3.23%	0.295%
58	11.500	3243	3253	3255	rBV	1698230	2145937	7.61%	0.695%
59	11.535	3255	3264	3284	rVB	17194232	28199279	100.00%	9.136%
60	11.632	3284	3294	3307	rBV5	1290636	3209688	11.38%	1.040%
61	11.702	3307	3316	3324	rVB	1536948	2336991	8.29%	0.757%
62	11.828	3345	3355	3365	rBV2	3166430	5072463	17.99%	1.643%
63	11.924	3374	3385	3396	rBV	10953347	18262323	64.76%	5.917%
64	12.021	3407	3415	3431	rVB4	1074643	2033859	7.21%	0.659%
65	12.107	3431	3442	3457	rBV6	513652	1295440	4.59%	0.420%
66	12.181	3458	3465	3484	rVV3	663408	1580484	5.60%	0.512%
67	12.284	3484	3497	3516	rVB5	1864563	4363303	15.47%	1.414%
68	12.400	3522	3533	3542	rBV5	468234	1069087	3.79%	0.346%
69	12.464	3543	3553	3567	rVB3	4476288	7442792	26.39%	2.411%
70	12.554	3568	3581	3596	rVB	3182561	5072380	17.99%	1.643%
71	12.683	3609	3621	3626	rBV3	305520	656894	2.33%	0.213%
72	12.779	3642	3651	3662	rBV4	1648627	3208595	11.38%	1.040%
73	12.837	3663	3669	3677	rVV6	491407	995912	3.53%	0.323%
74	12.886	3677	3684	3693	rVV3	667298	1242921	4.41%	0.403%
75	12.937	3693	3700	3708	rVB	731399	1054811	3.74%	0.342%
76	12.988	3708	3716	3725	rVB5	322199	497998	1.77%	0.161%

LSC Area Percent Report

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Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 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

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Peak separation: 5

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

77	13.050	3726	3735	3746	rBV2	395676	793572	2.81%	0.257%
78	13.117	3746	3756	3764	rBV4	583882	941662	3.34%	0.305%
79	13.185	3765	3777	3792	rVV2	1509349	2871642	10.18%	0.930%
80	13.271	3792	3804	3817	rVB4	842251	1592823	5.65%	0.516%
81	13.384	3828	3839	3842	rBV2	1550148	2183527	7.74%	0.707%
82	13.419	3842	3850	3862	rVB	5302671	8725272	30.94%	2.827%
83	13.503	3869	3876	3895	rVB	1368217	2334977	8.28%	0.757%
84	13.622	3896	3913	3922	rBV6	537459	1530165	5.43%	0.496%
85	13.750	3944	3953	3962	rBV3	583010	986524	3.50%	0.320%
86	13.808	3962	3971	3986	rVB3	2362583	4359692	15.46%	1.413%
87	13.882	3987	3994	4009	rVB	477661	884825	3.14%	0.287%
88	13.969	4011	4021	4029	rBV7	432377	794098	2.82%	0.257%
89	14.024	4029	4038	4047	rBV	1491921	2095603	7.43%	0.679%
90	14.072	4047	4053	4062	rBV3	351868	512934	1.82%	0.166%
91	14.197	4082	4092	4108	rBV	1852138	2973897	10.55%	0.964%
92	14.606	4212	4219	4223	rBV	388690	548541	1.95%	0.178%
93	14.631	4224	4227	4234	rVB	429630	485886	1.72%	0.157%
94	14.818	4277	4285	4295	rVB2	555758	960497	3.41%	0.311%
95	15.072	4353	4364	4370	rBV2	215710	379559	1.35%	0.123%
96	15.303	4425	4436	4449	rBV	467548	867128	3.08%	0.281%
97	15.406	4461	4468	4484	rVB5	158512	274328	0.97%	0.089%
98	15.512	4485	4501	4511	rBV2	843389	1539289	5.46%	0.499%
99	15.805	4583	4592	4601	rBV3	343721	608972	2.16%	0.197%
100	15.914	4618	4626	4645	rVB2	288608	531623	1.89%	0.172%

Sum of corrected areas: 308650051

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
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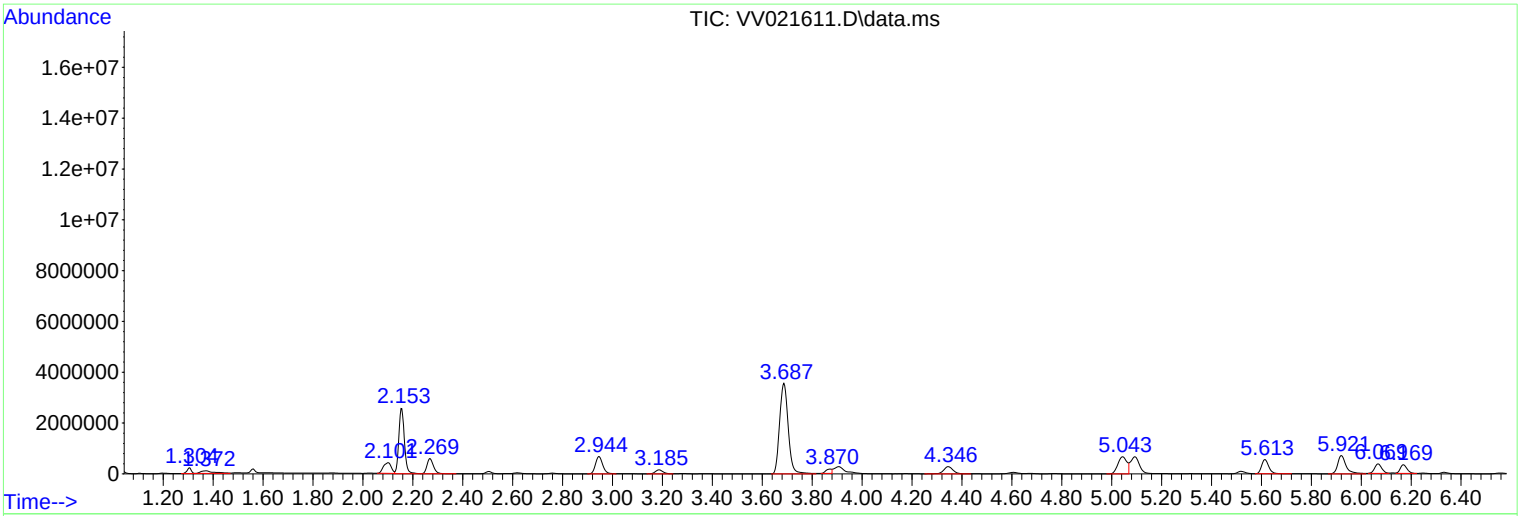
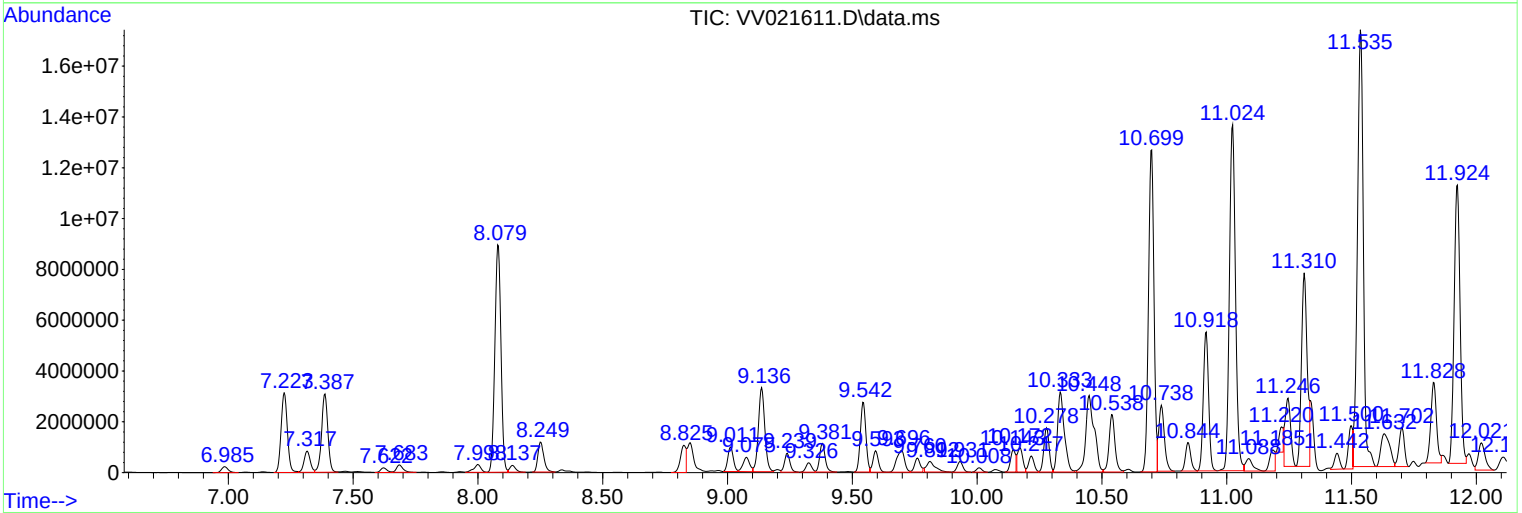
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

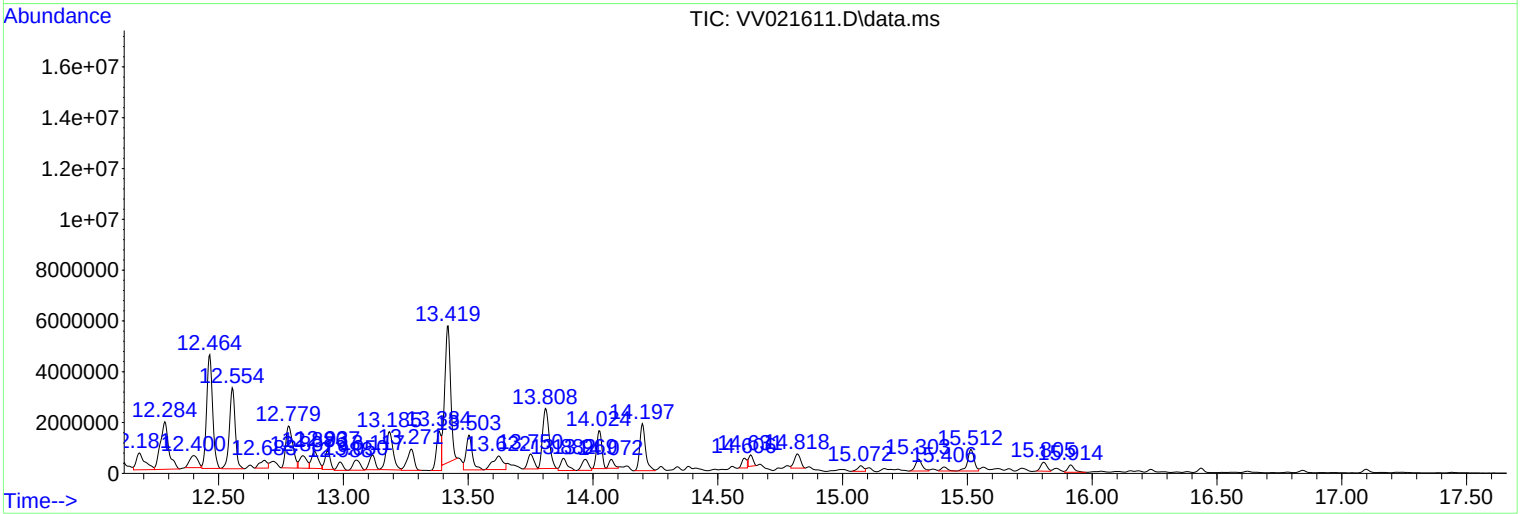
Instrument :
MSVOA_V
ClientSampleId :
DBK23

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 : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

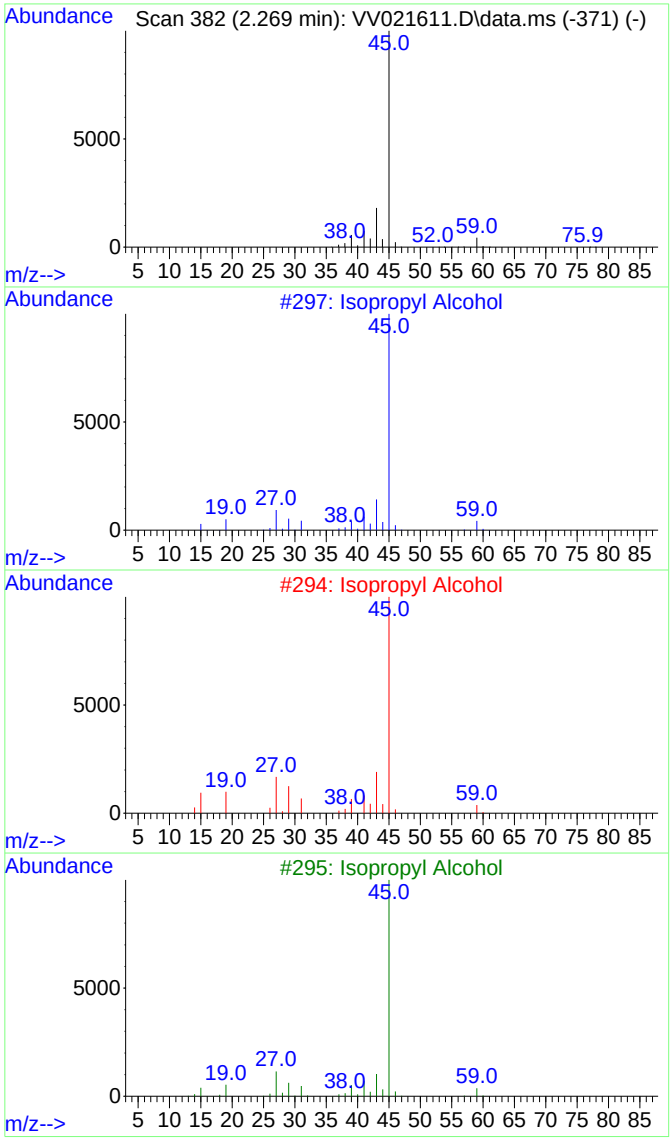
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

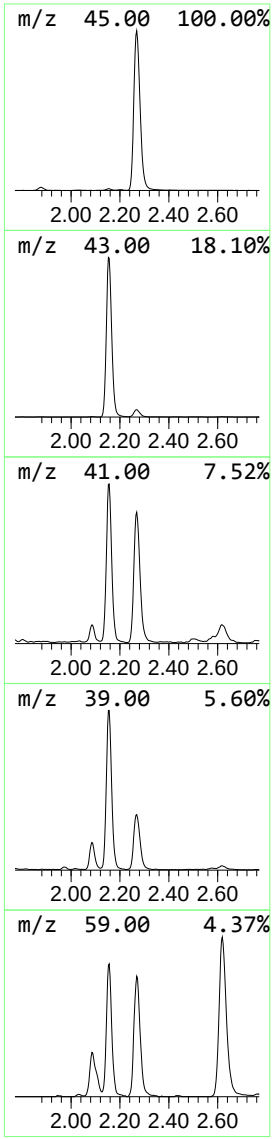
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	48.21 ug/L	1080780	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	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
5	Formamide	45	CH3NO	000075-12-7	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

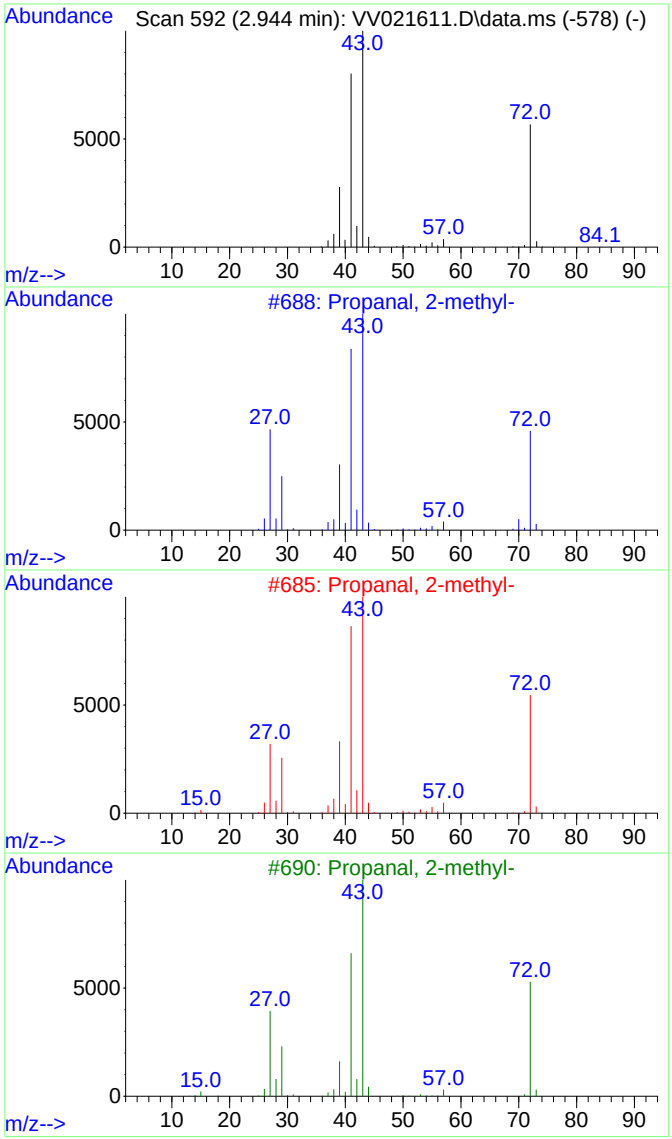
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

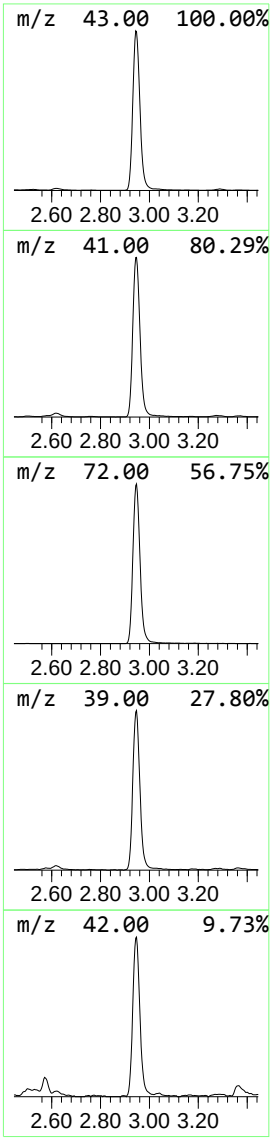
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanal, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.944	61.46 ug/L	1377790	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	64
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

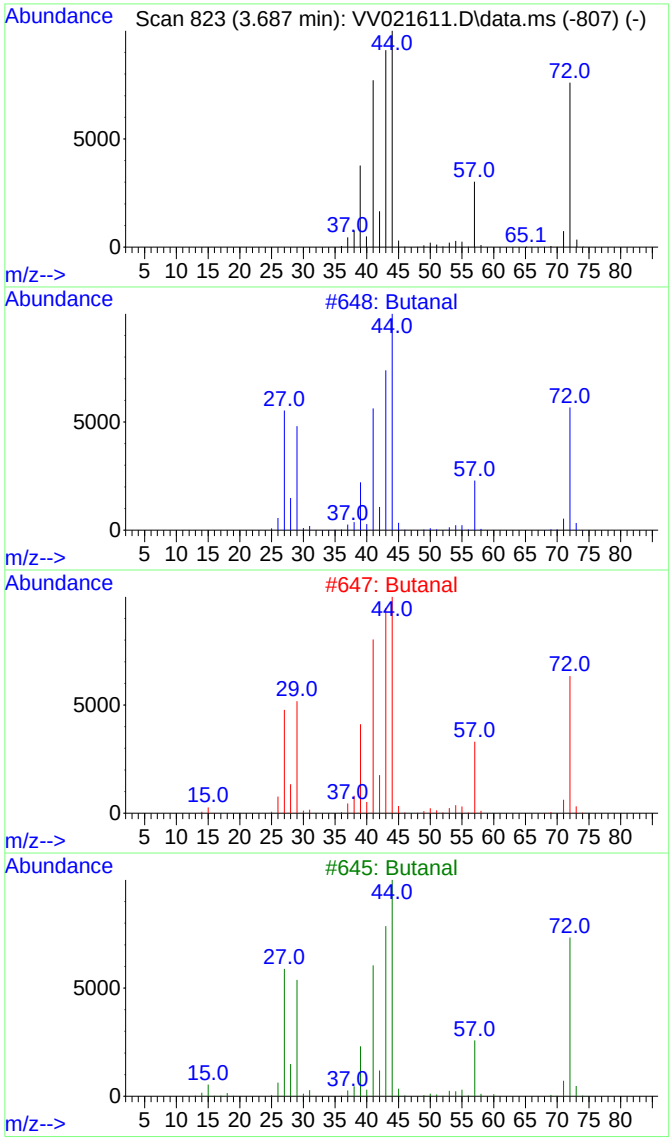
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

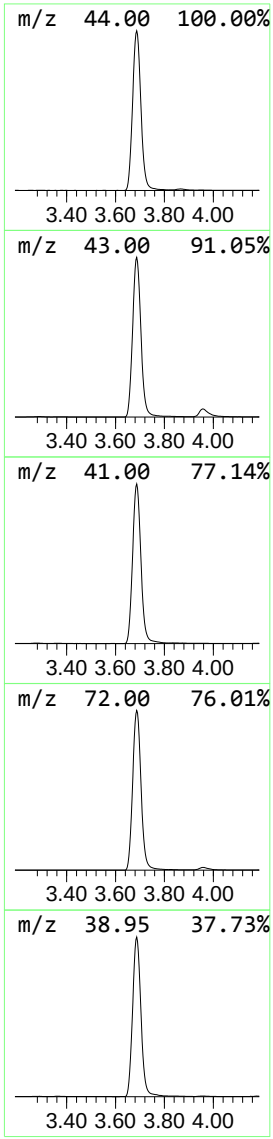
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	379.10 ug/L	8498710	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
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 : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

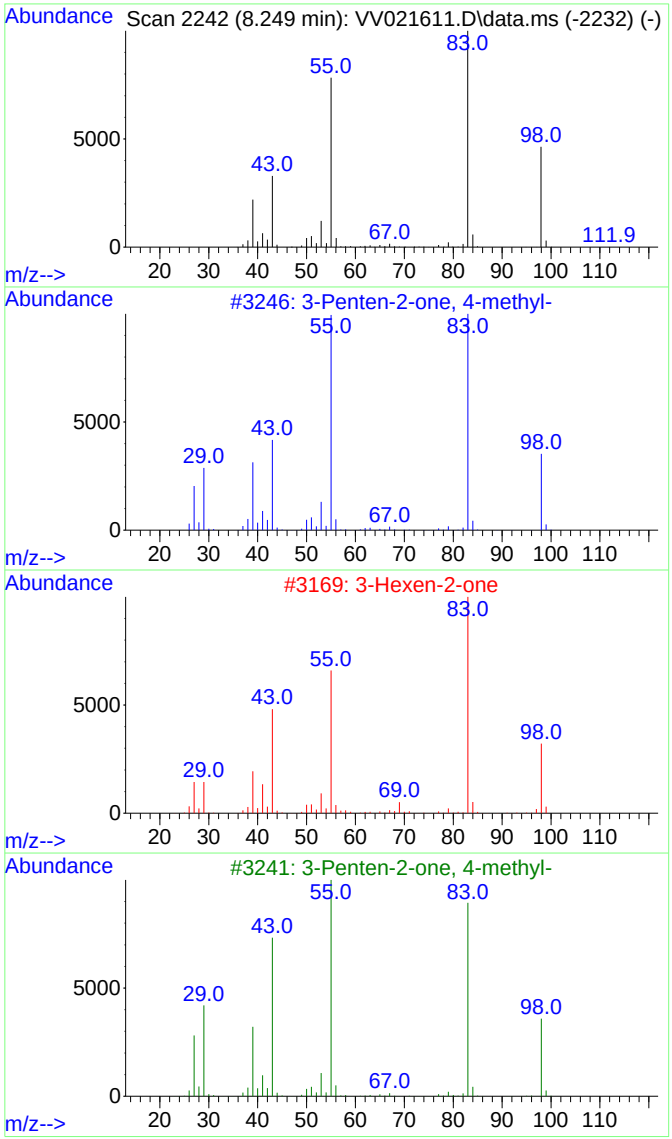
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

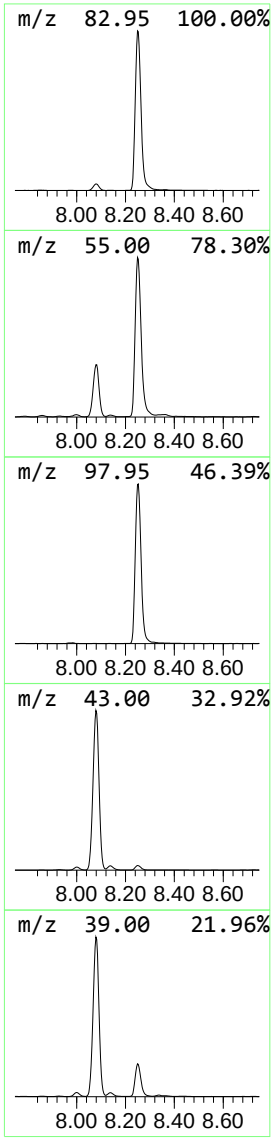
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.249	59.46 ug/L	1972020	Chlorobenzene-d5	8.850

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	90
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

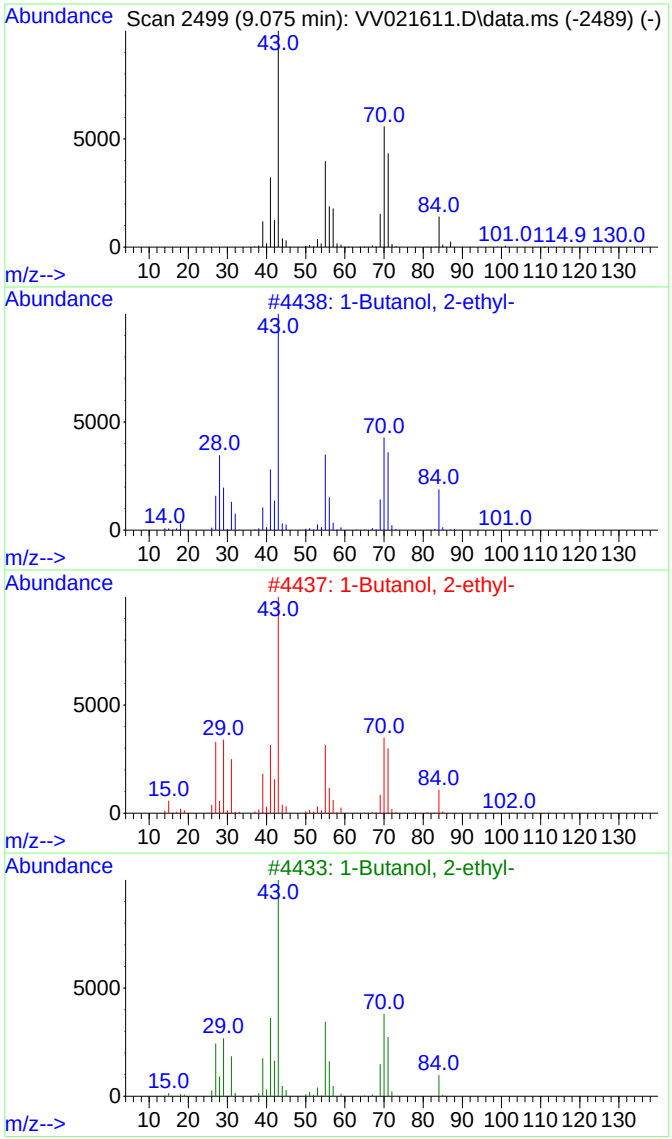
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

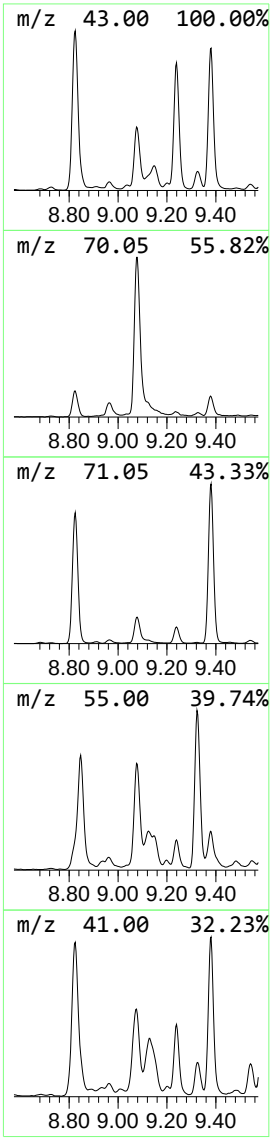
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Butanol, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	31.82 ug/L	1055280	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	83
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	74
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	64
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

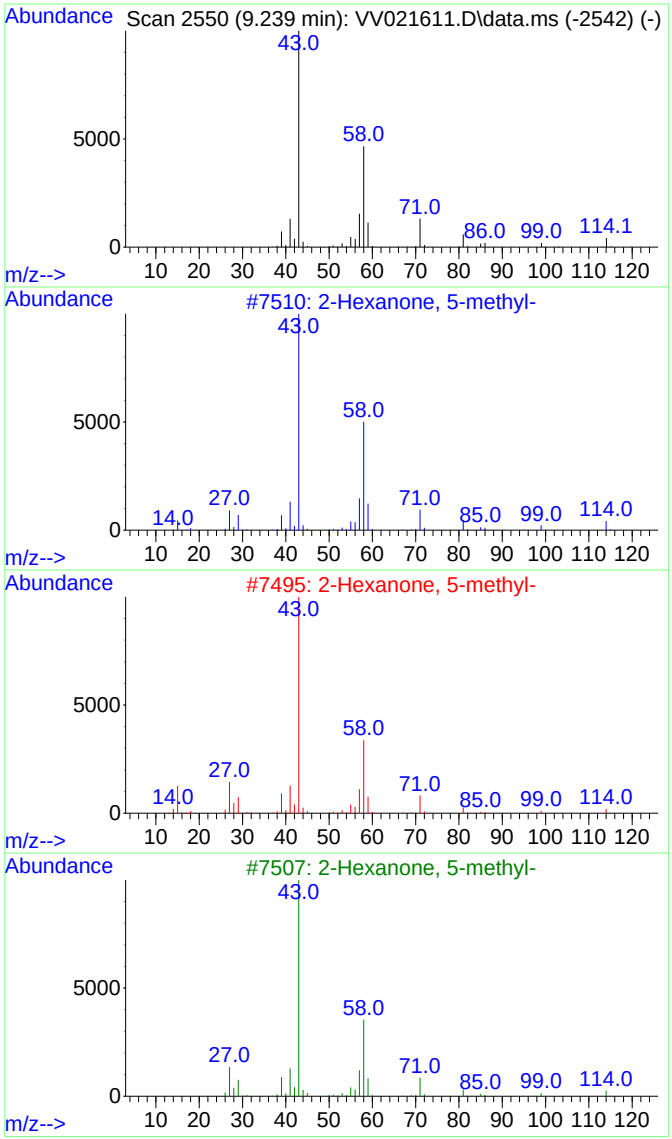
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

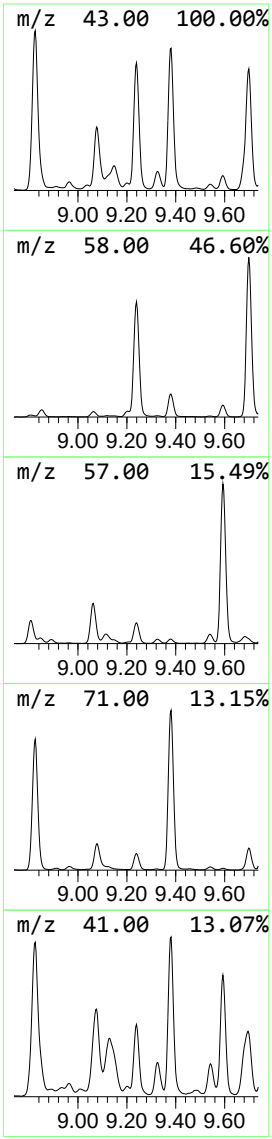
****

Peak Number 9 2-Hexanone, 5-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	34.51 ug/L	1144640	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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Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

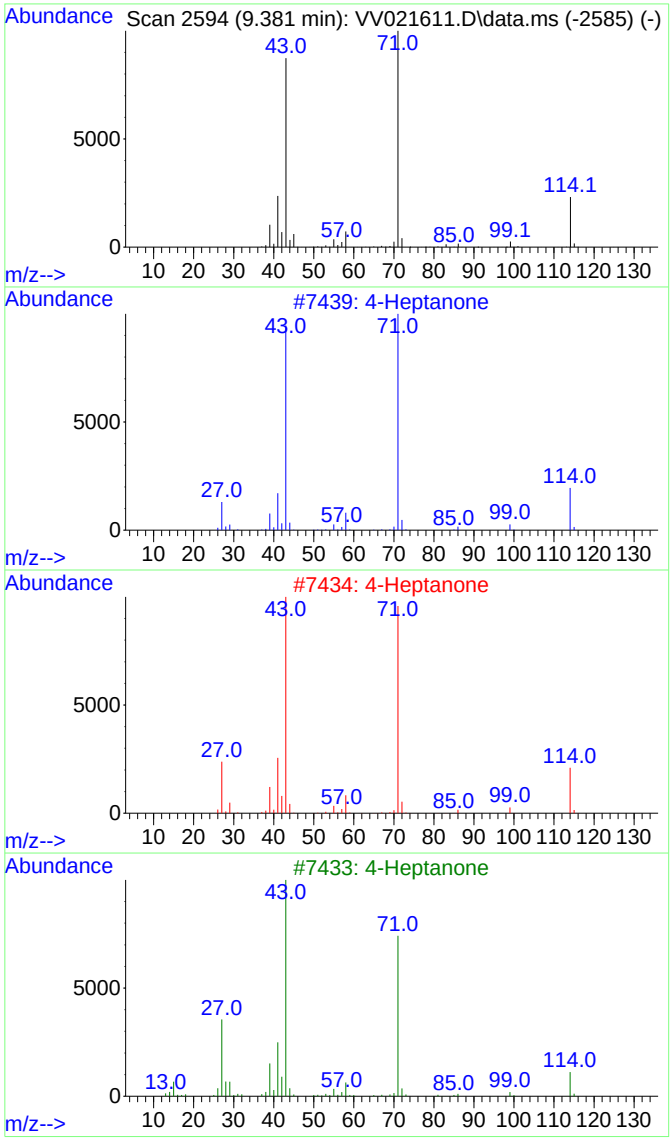
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

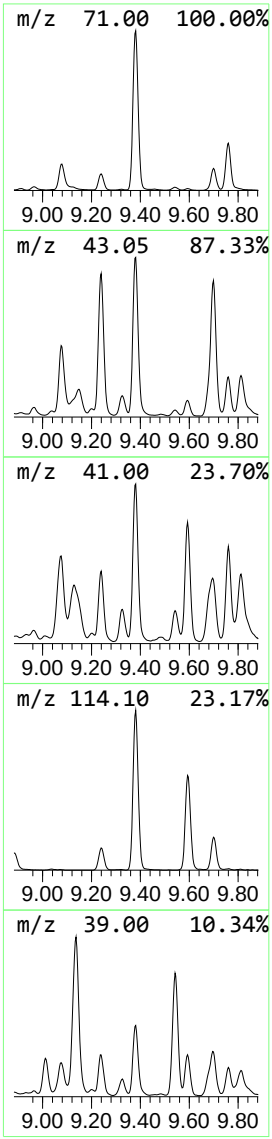
****

Peak Number 11 4-Heptanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	52.51 ug/L	1741470	Chlorobenzene-d5	8.850

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	91
3	4-Heptanone	114	C7H14O	000123-19-3	72
4	4-Heptanone	114	C7H14O	000123-19-3	72
5	4-Heptanone	114	C7H14O	000123-19-3	72





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Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

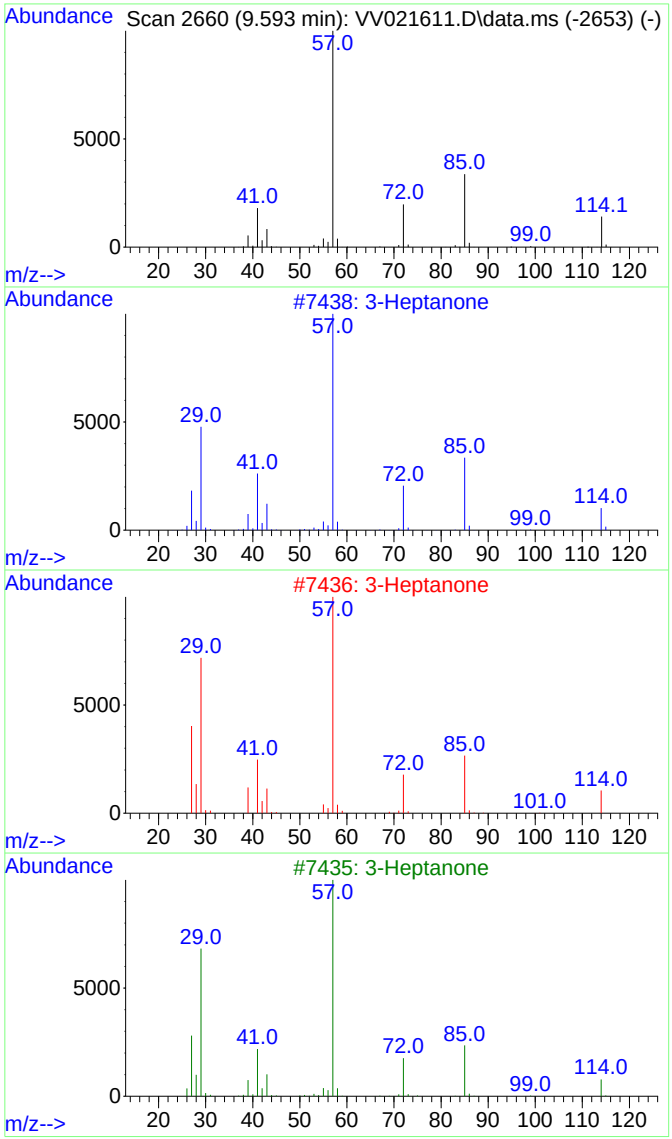
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

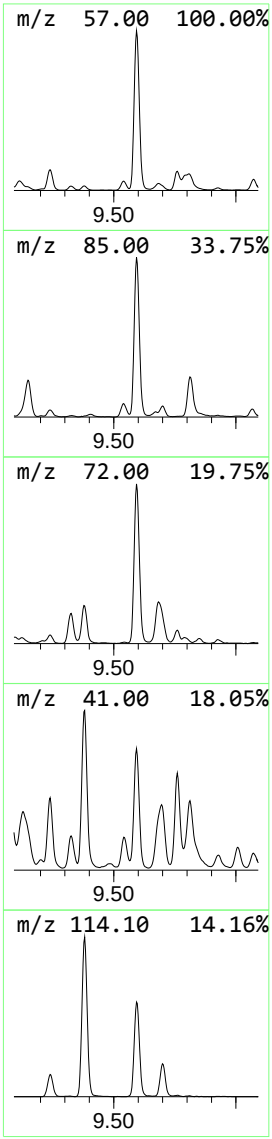
****

Peak Number 12 3-Heptanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.593	37.97 ug/L	1259250	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	78
4	3,5-Octanedione, 2,2,4,7-tetrame...	198	C12H22O2	1000161-72-3	74
5	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	72





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Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

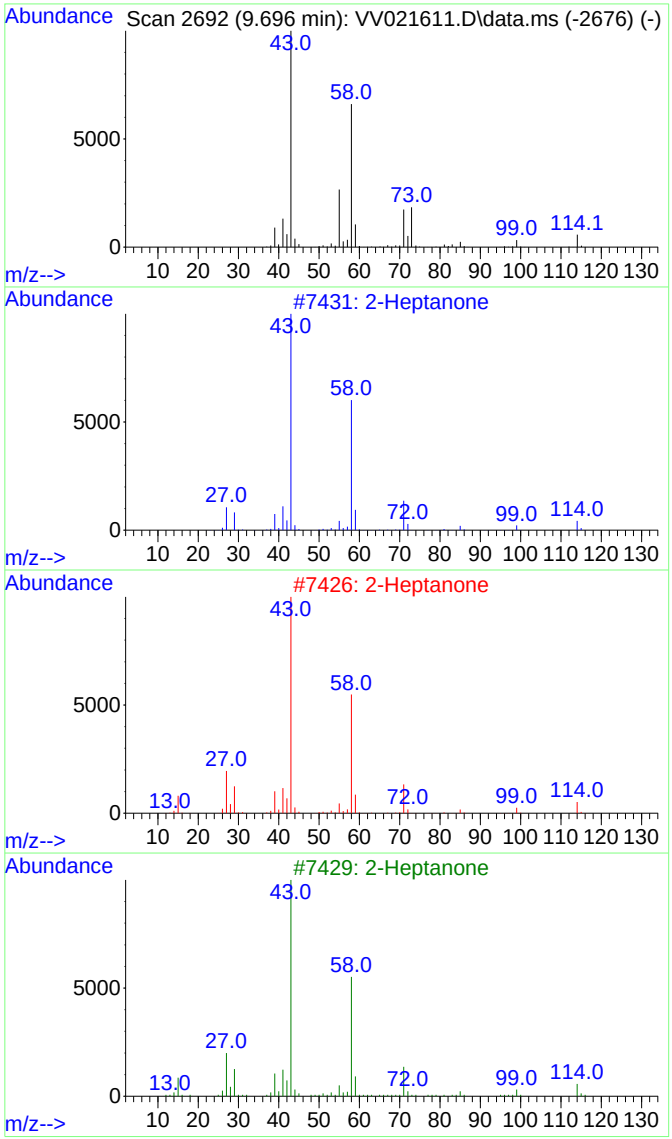
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

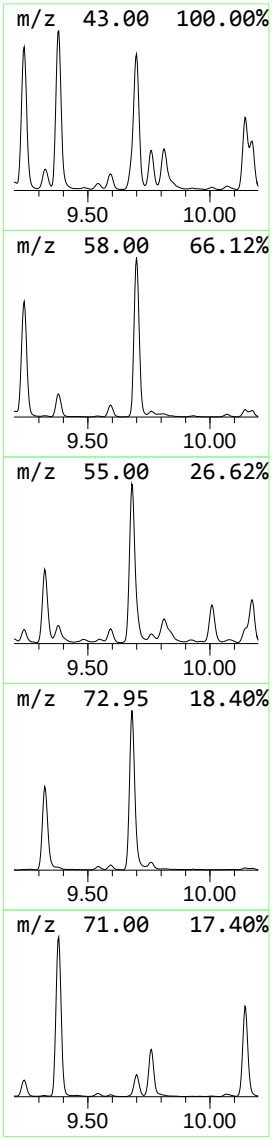
****

Peak Number 13 2-Heptanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.696	57.46 ug/L	1905620	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	80
3	2-Heptanone	114	C7H14O	000110-43-0	80
4	2-Heptanone	114	C7H14O	000110-43-0	64
5	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	64





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Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

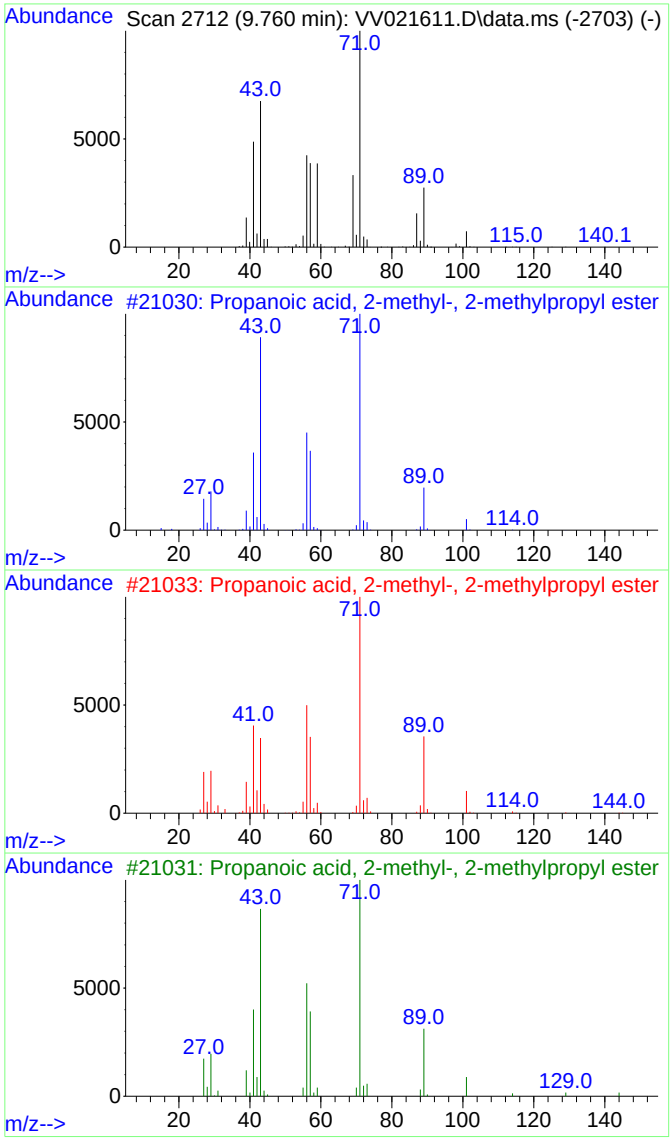
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

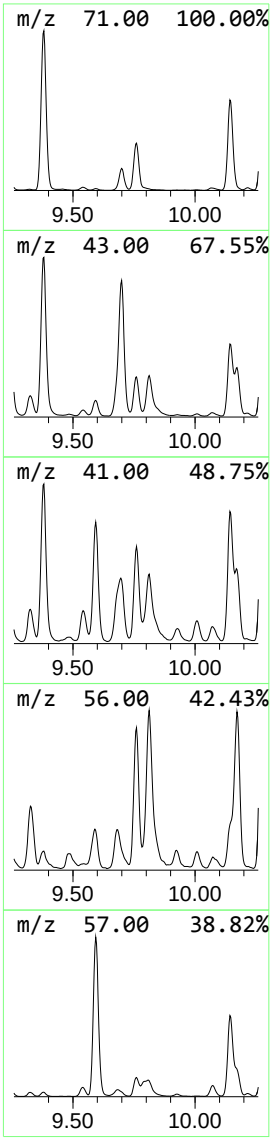
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Propanoic acid, 2-methyl-, ... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.760	26.06 ug/L	864447	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	53
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	53
3	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	43
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	43
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	40





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Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

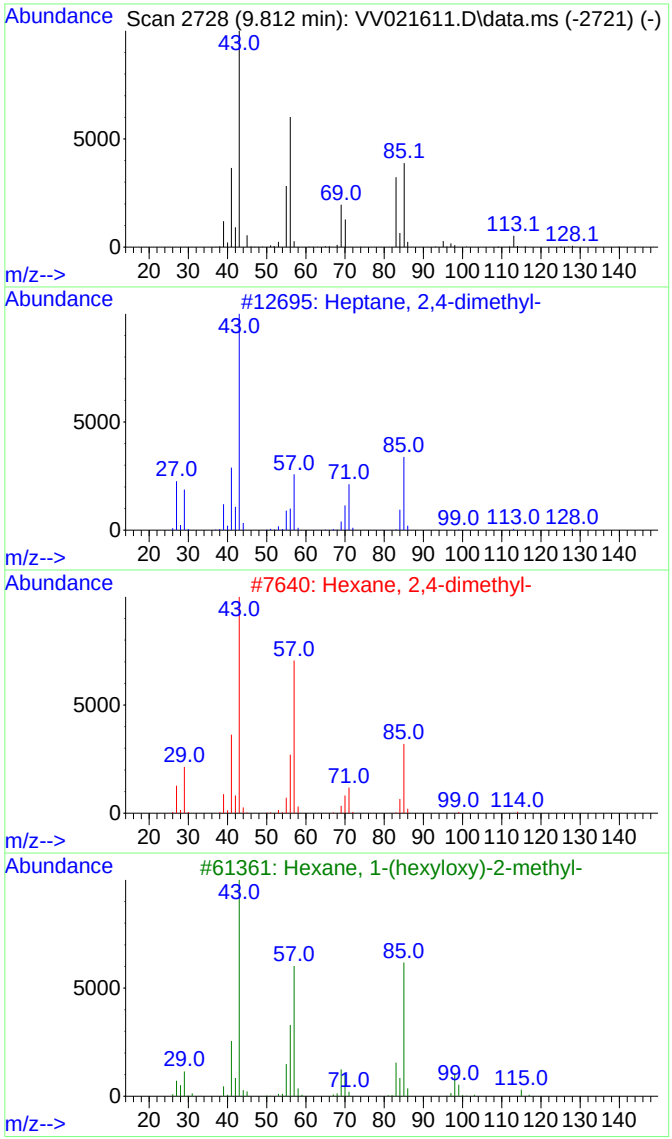
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

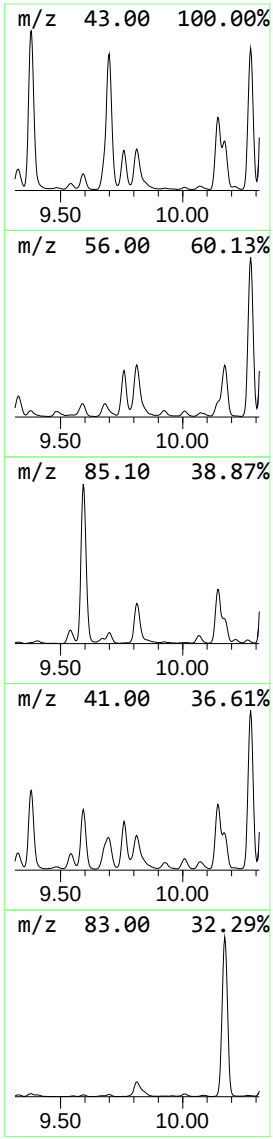
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.812	29.36 ug/L	973572	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	42
4	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	40
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

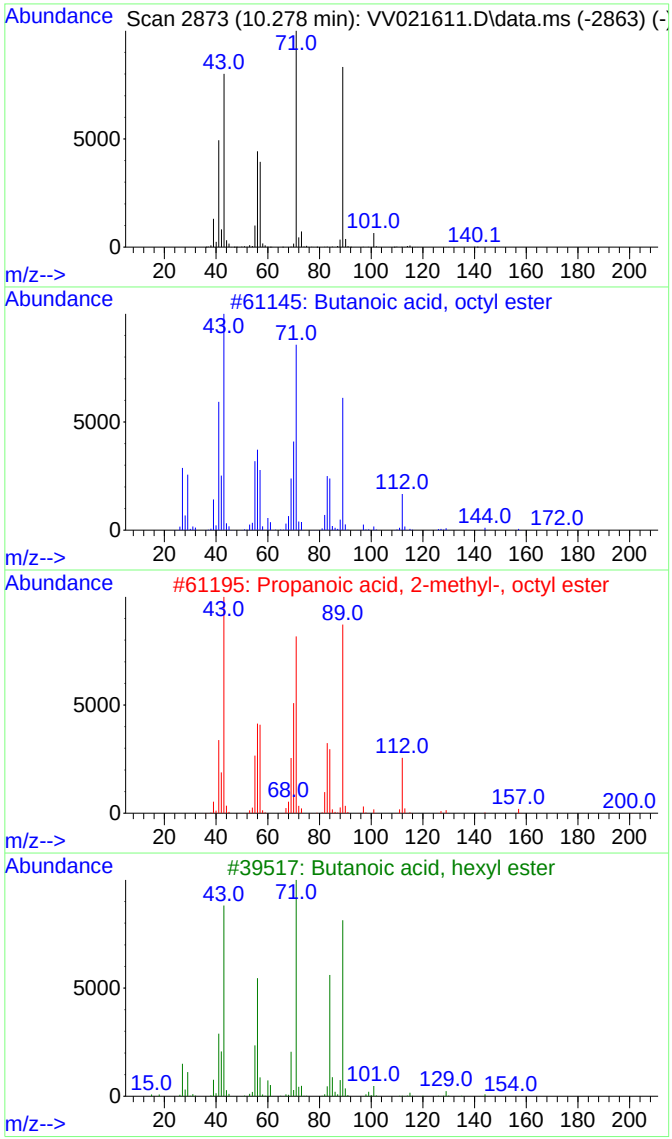
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

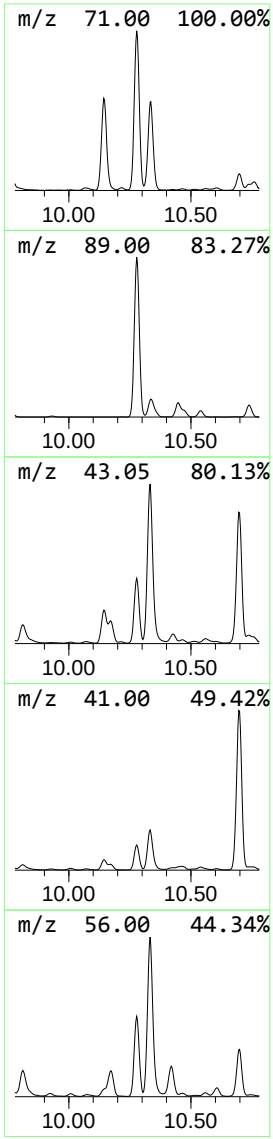
****

Peak Number 18 Butanoic acid, octyl ester Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.278	31.55 ug/L	2501970	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	83
2	Propanoic acid, 2-methyl-, octyl...	200	C12H24O2	000109-15-9	83
3	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	83
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	74
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	74





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

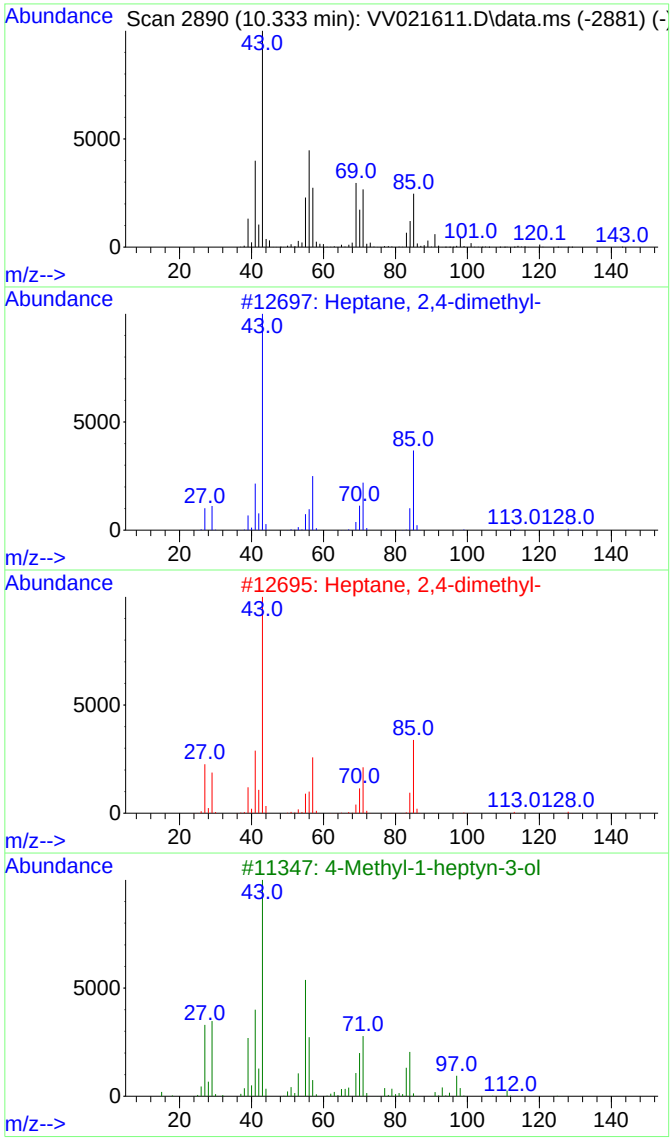
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

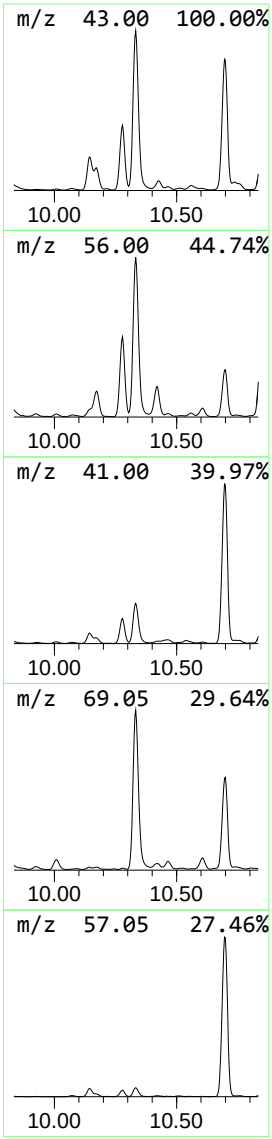
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	74.55 ug/L	5912400	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	53
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
3	4-Methyl-1-heptyn-3-ol	126	C8H14O	1000342-45-3	50
4	Octane	114	C8H18	000111-65-9	50
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

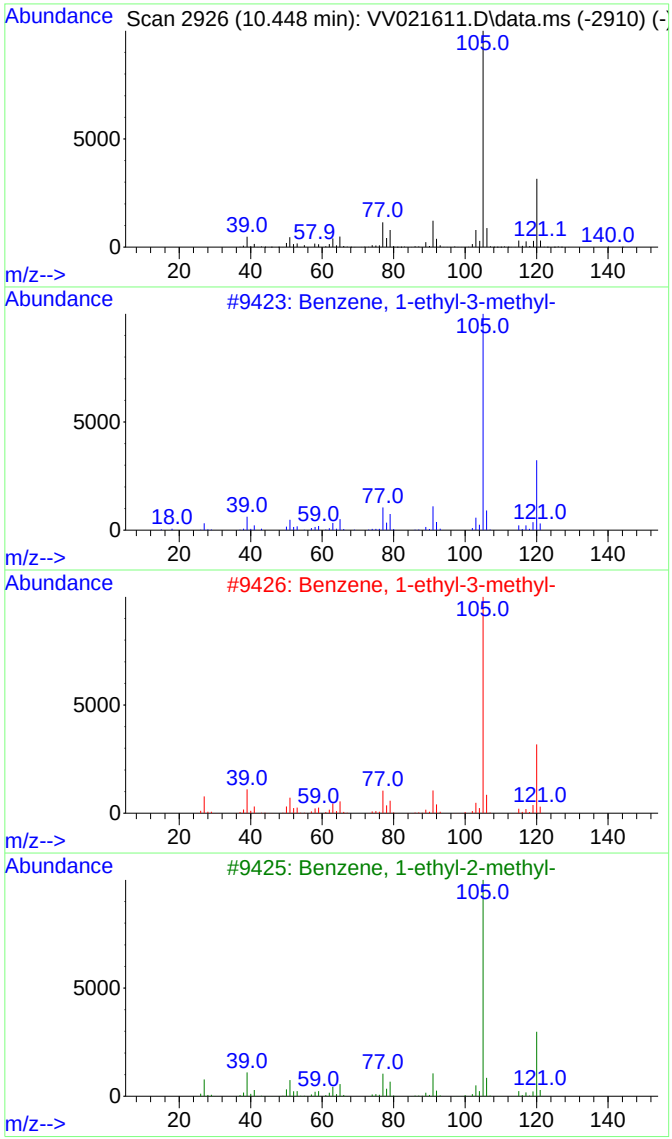
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

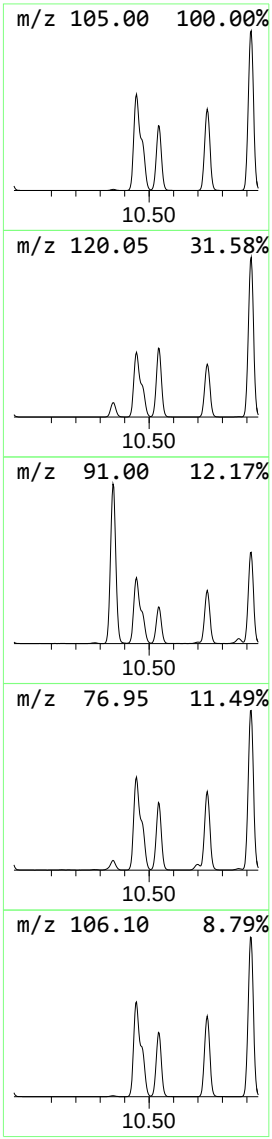
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	89.02 ug/L	7060480	1,4-Dichlorobenzene-d4	11.252

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





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Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

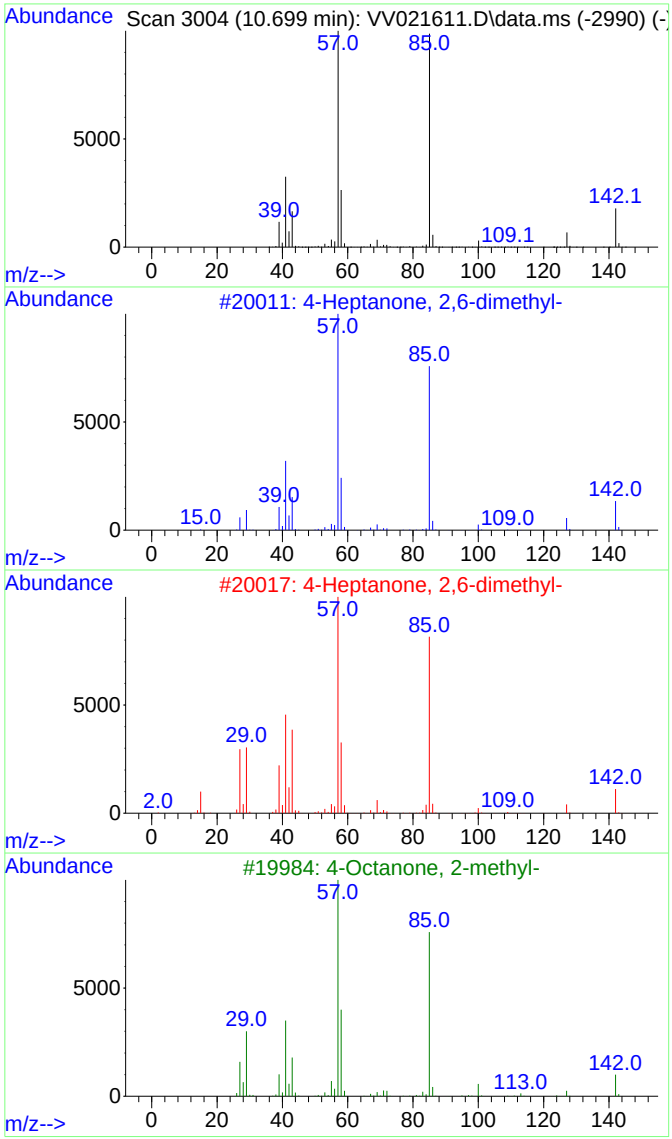
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

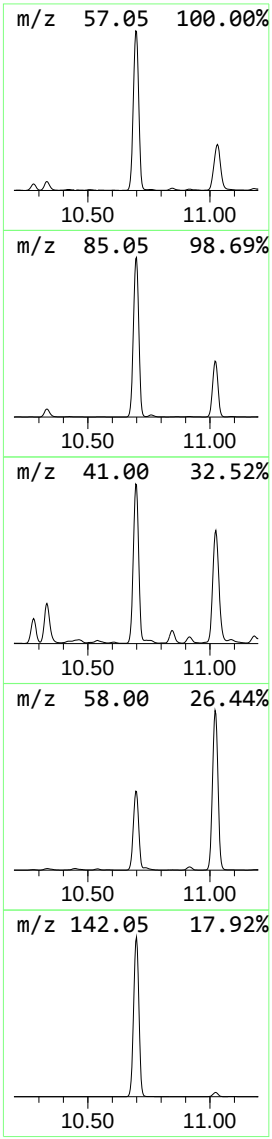
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.699	245.42 ug/L	19464200	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	74
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	59





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

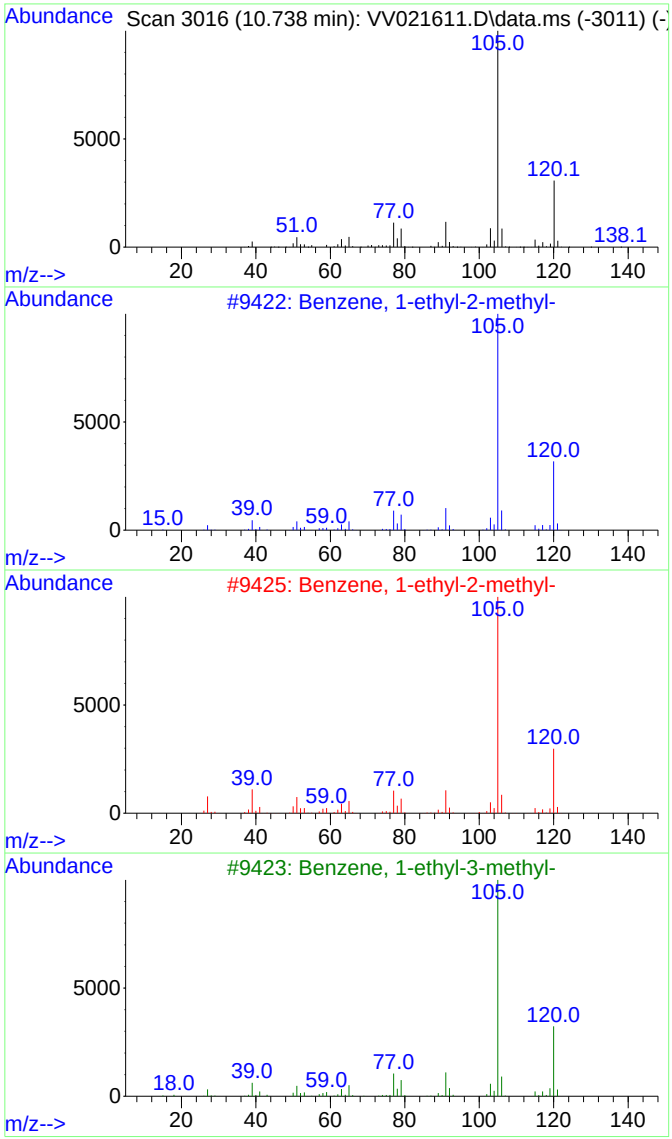
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

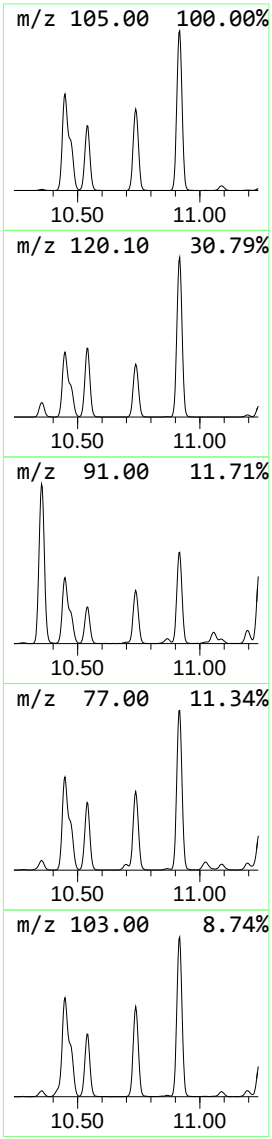
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	50.40 ug/L	3996830	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	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

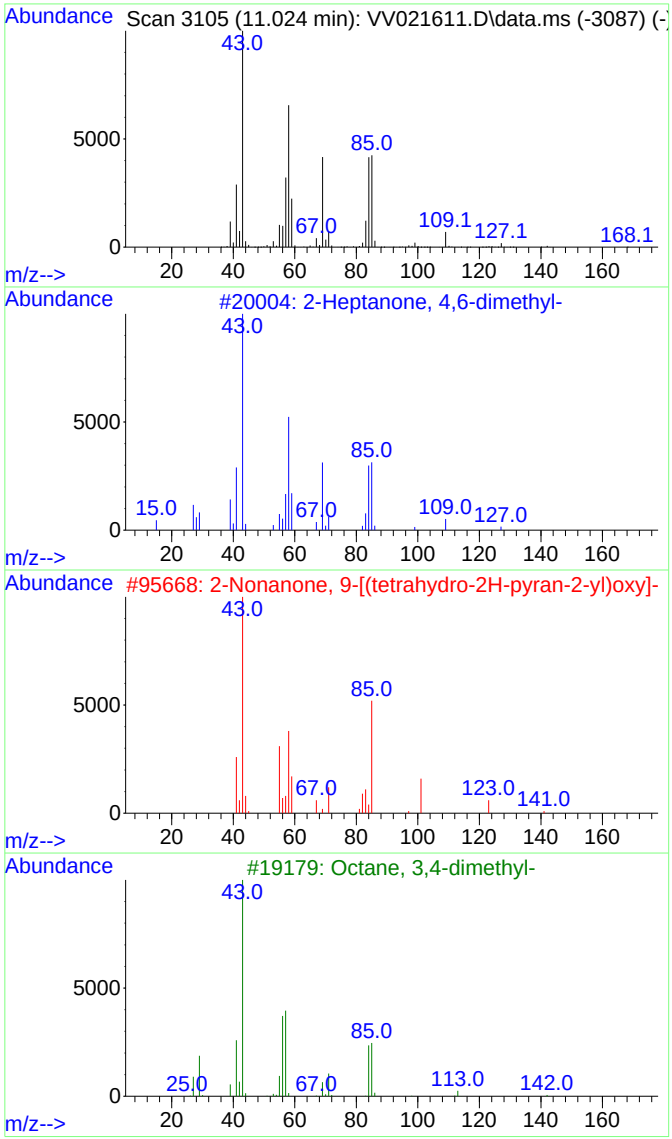
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

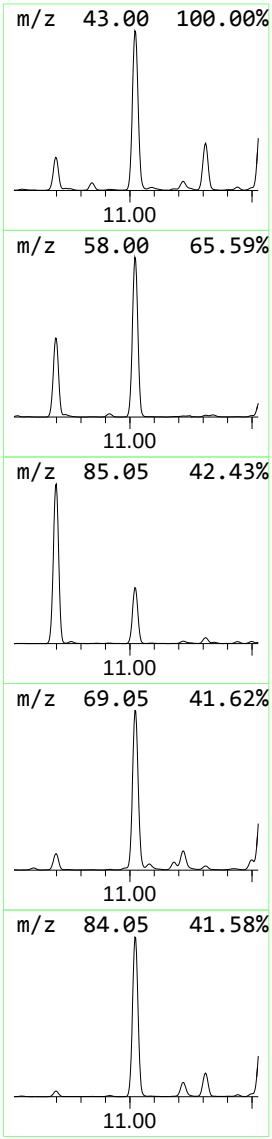
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2-Heptanone, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.024	292.43 ug/L	23192800	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	53
3	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	43
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

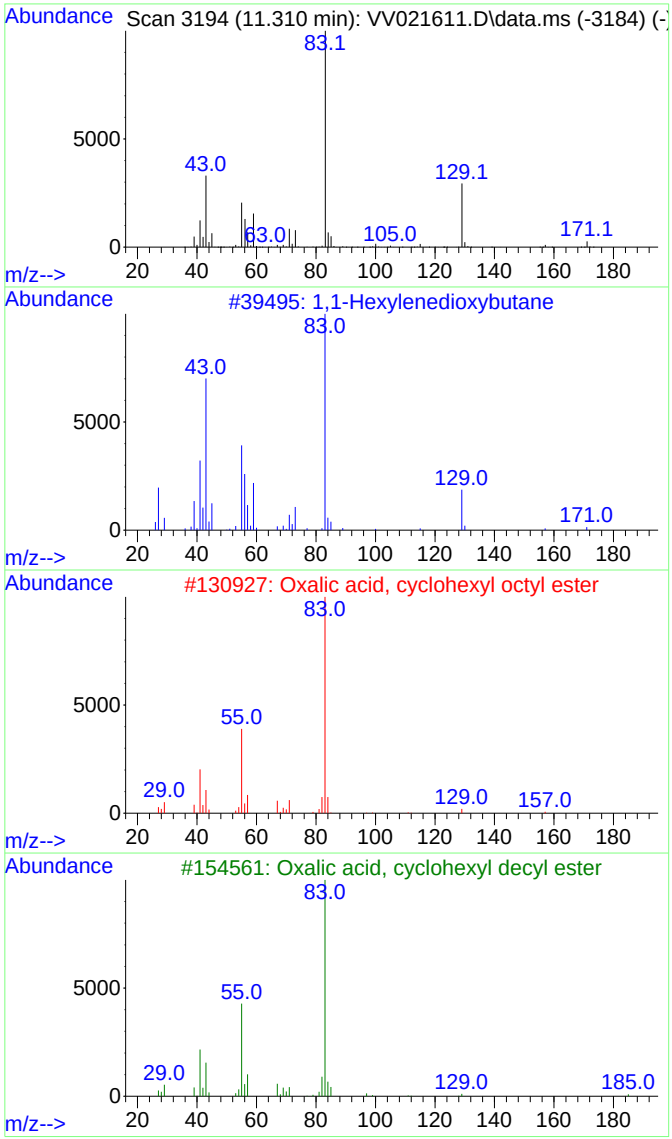
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

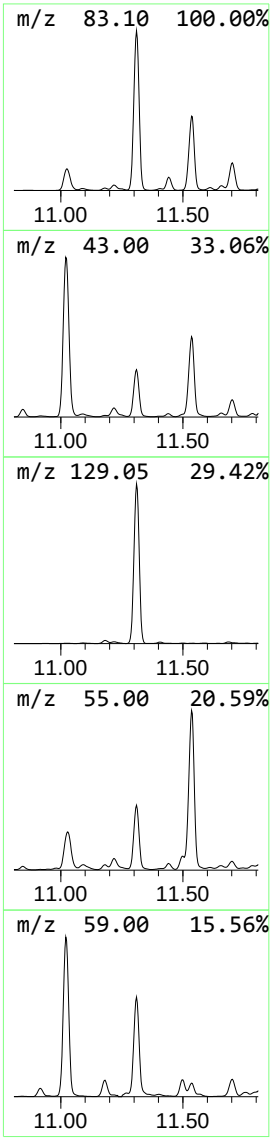
****

Peak Number 27 1,1-Hexylenedioxybutane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	155.50 ug/L	12332700	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 octyl ester	284	C16H28O4	1000309-31-0	40
3	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	40
4	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38
5	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	33





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

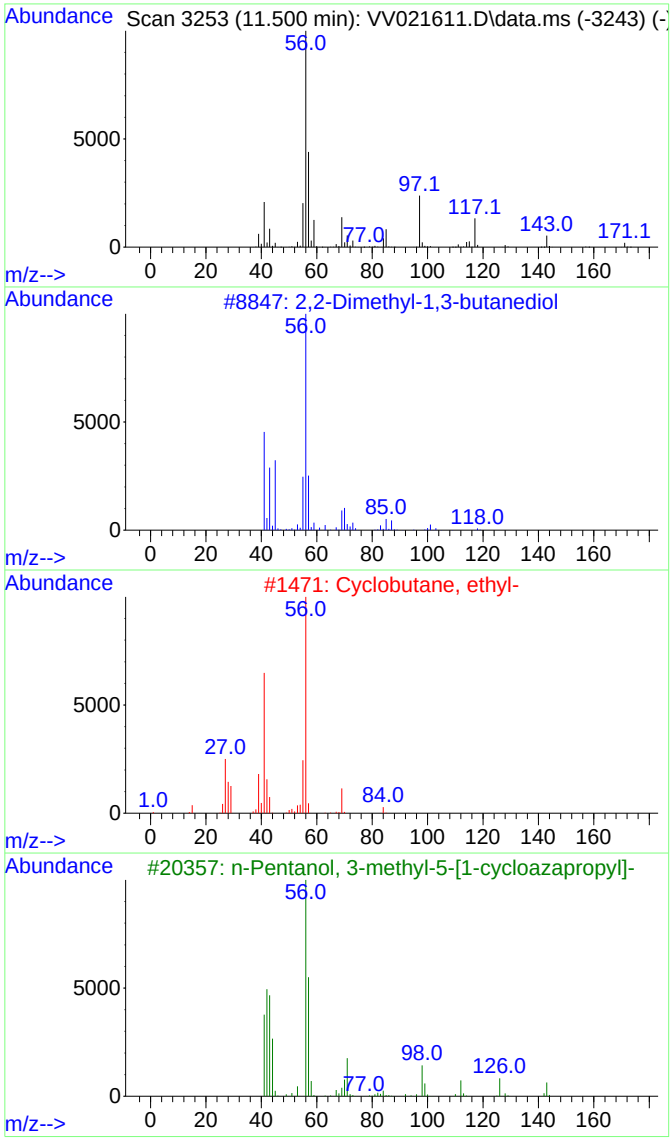
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

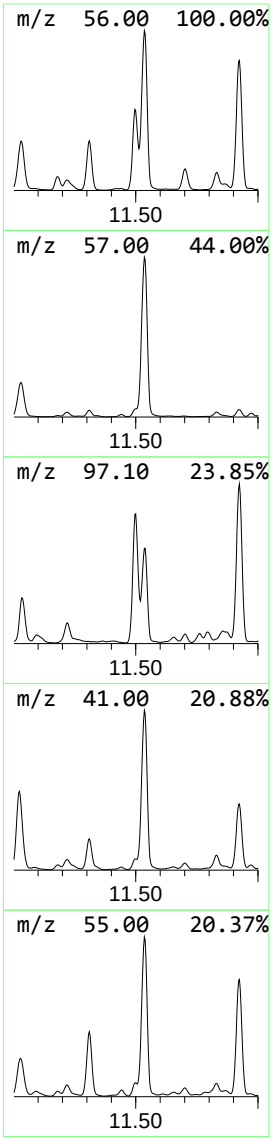
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2,2-Dimethyl-1,3-butanediol Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.500	27.06 ug/L	2145940	1,4-Dichlorobenzene-d4	11.252

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	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

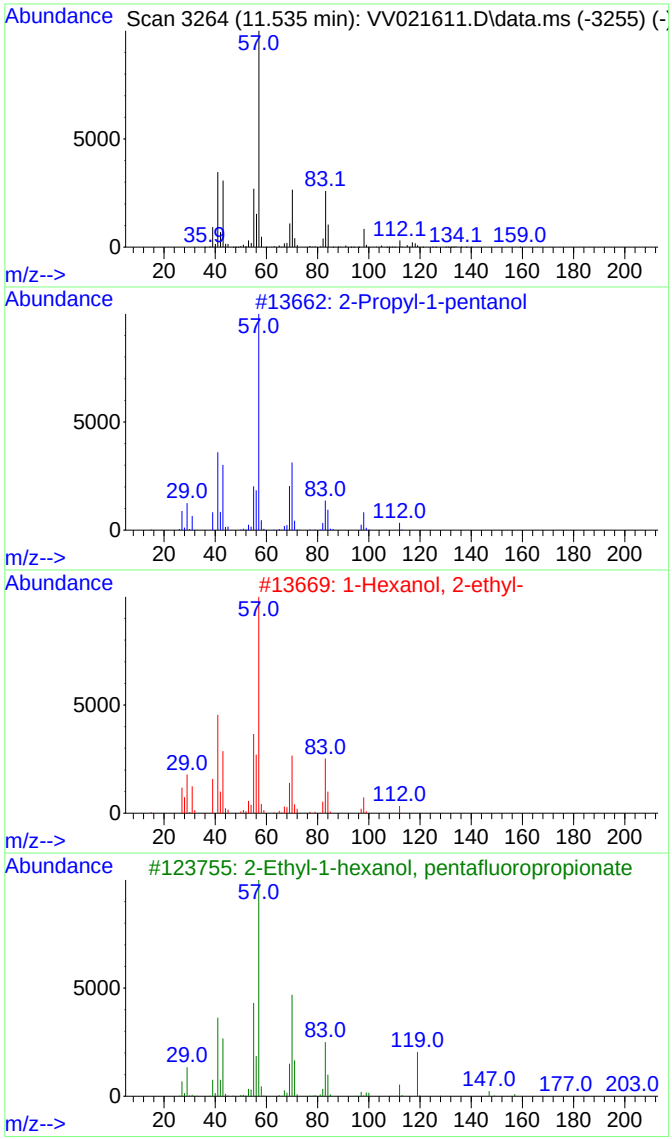
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

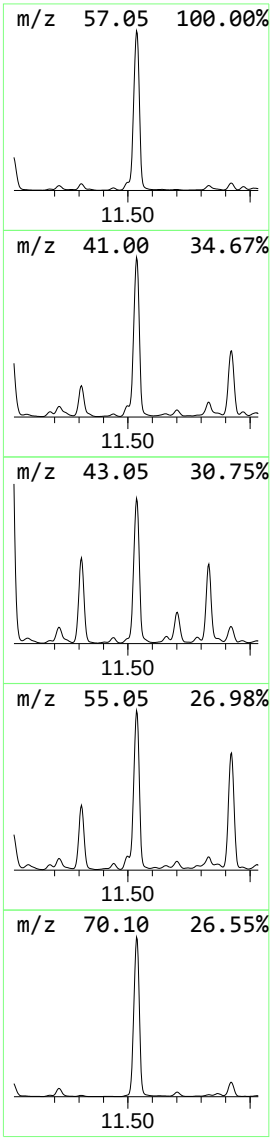
****

Peak Number 30 2-Propyl-1-pentanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.535	355.56 ug/L	28199300	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
3	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	53
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

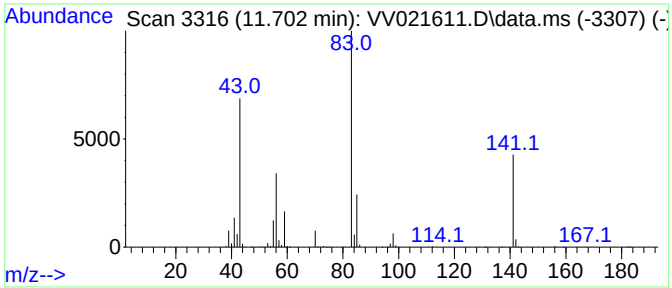
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

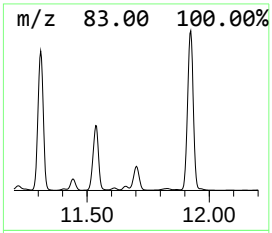
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

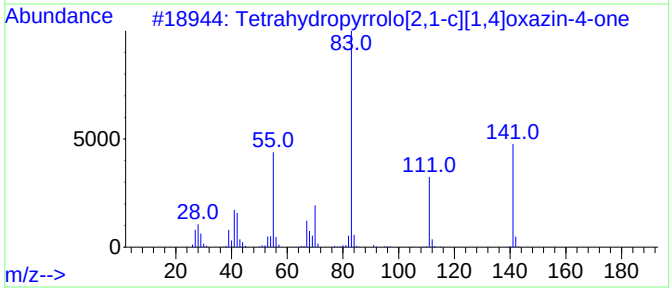
****
Peak Number 31 Tetrahydropyrrolo[2,1-c][1,... Concentration Rank 28

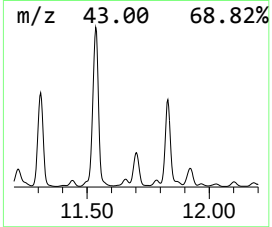
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.702	29.47 ug/L	2336990	1,4-Dichlorobenzene-d4	11.252

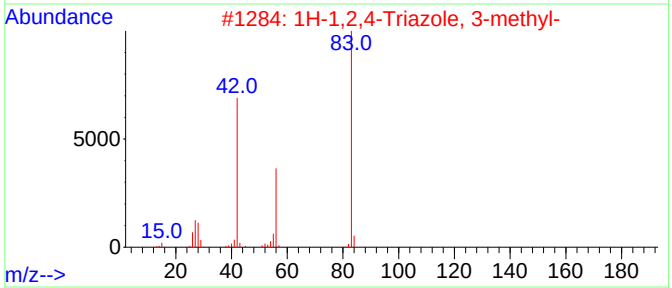
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydropyrrolo[2,1-c][1,4]oxa...	141	C7H11NO2	101250-37-7	53
2	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	43
3	3-Hexen-1-ol, 2,5-dimethyl-, for...	156	C9H16O2	1000132-12-3	42
4	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	10
5	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	10

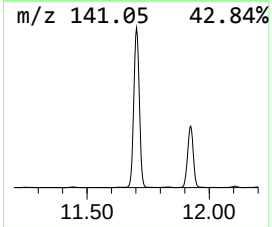


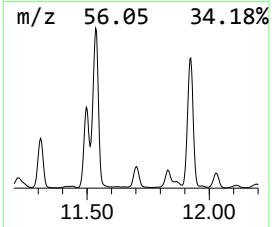


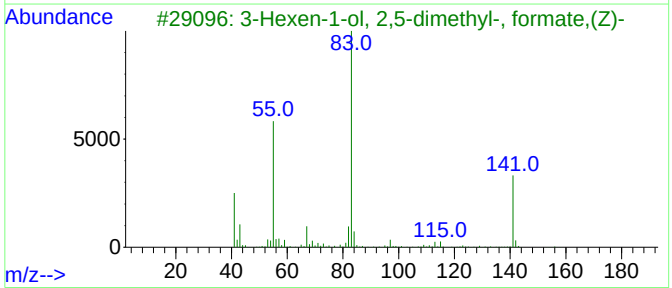


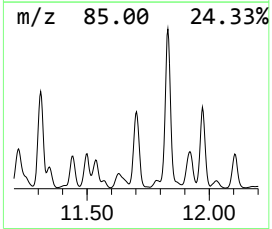












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

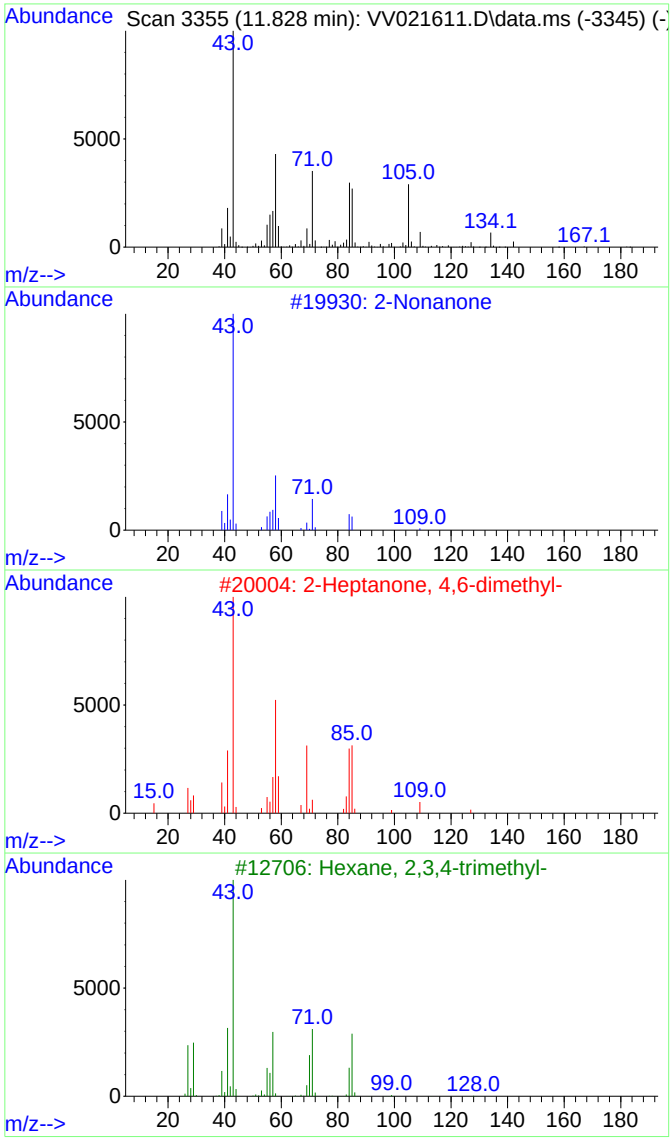
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

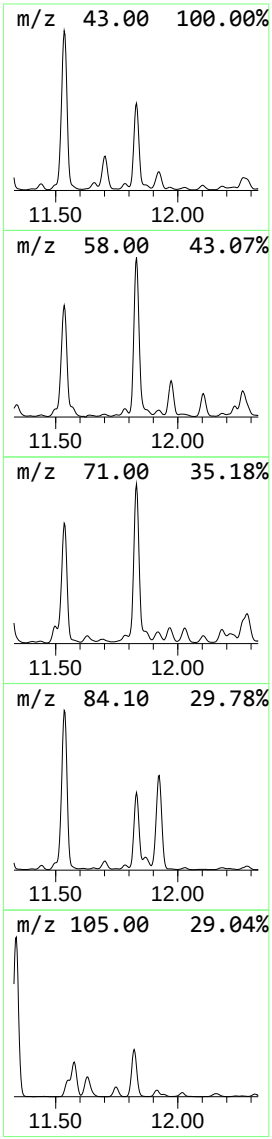
****

Peak Number 32 2-Nonanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	63.96 ug/L	5072460	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	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	38
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	30
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	27
5	2-Heptanone	114	C7H14O	000110-43-0	27





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

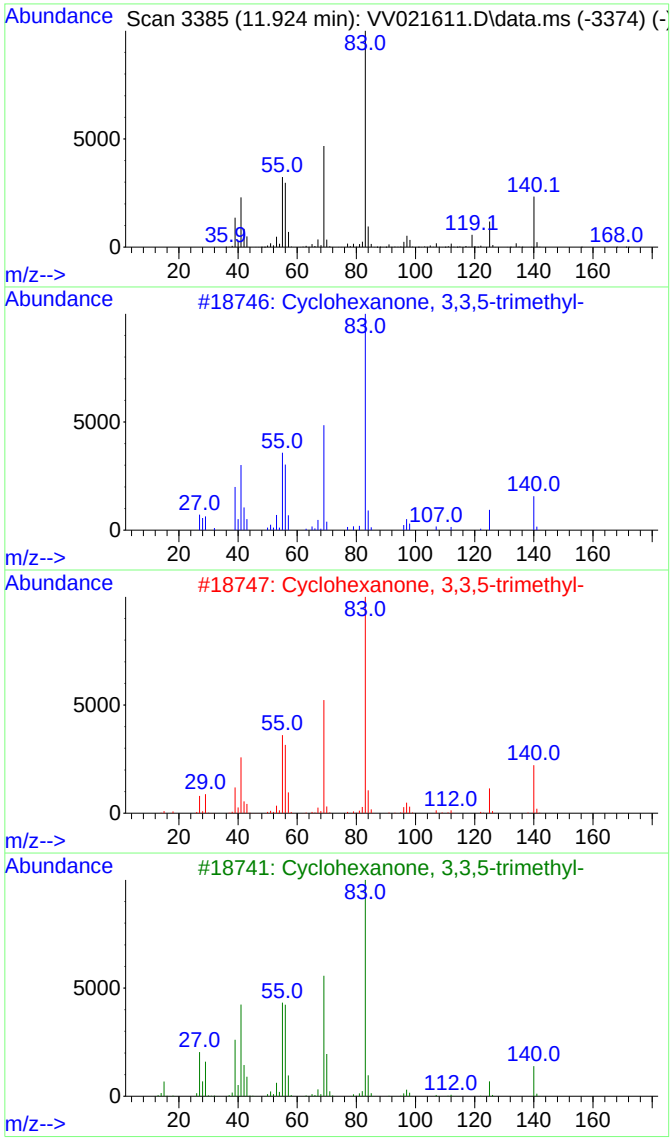
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

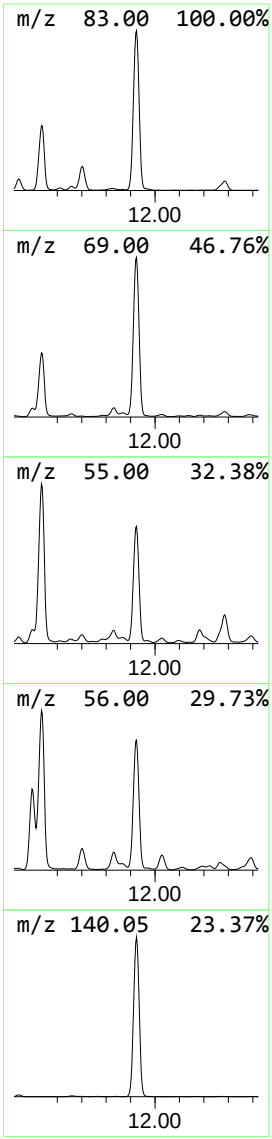
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.924	230.26 ug/L	18262300	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





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

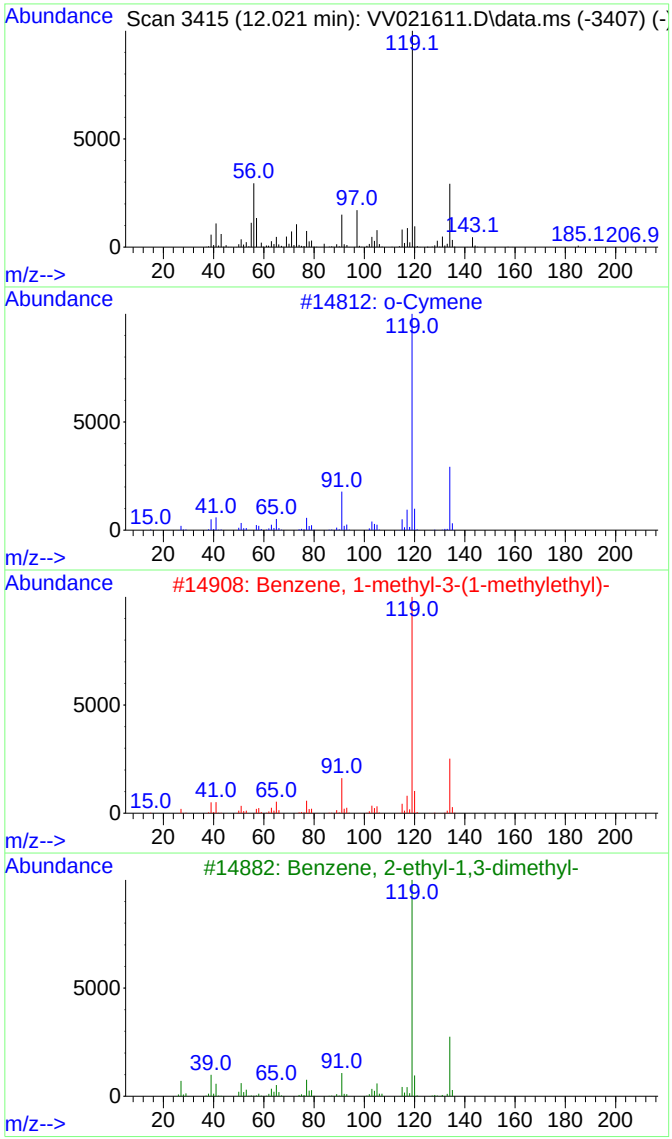
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

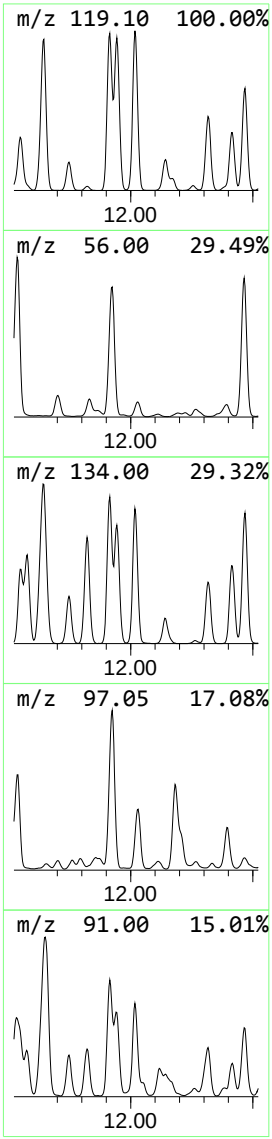
****

Peak Number 34 o-Cymene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	25.64 ug/L	2033860	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	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 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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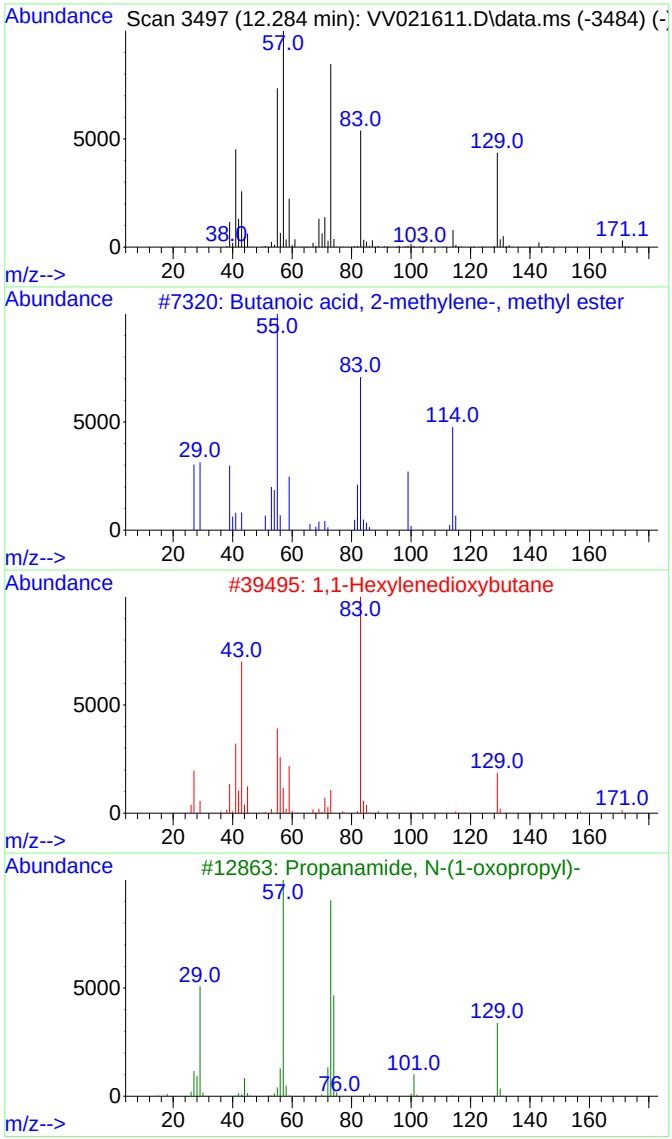
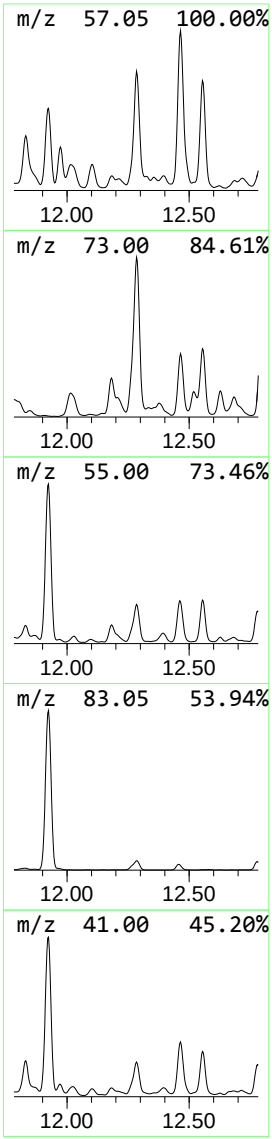
Peak Number 37 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.284	55.02 ug/L	4363300	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methylene-, met...	114	C6H10O2	002177-67-5	38
2	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	35
3	Propanamide, N-(1-oxopropyl)-	129	C6H11NO2	006050-26-6	32
4	2-Butenoic acid, 2-methyl-, meth...	114	C6H10O2	005953-76-4	25
5	Trimethyl(n-pentyl)silane	144	C8H20Si	001641-49-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 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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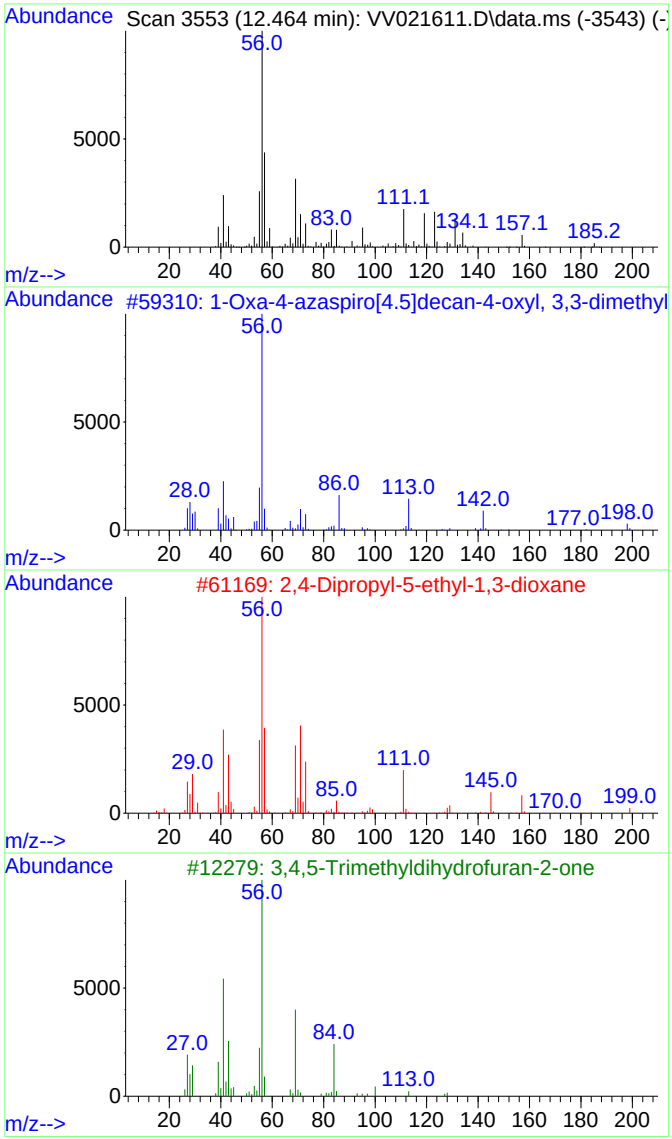
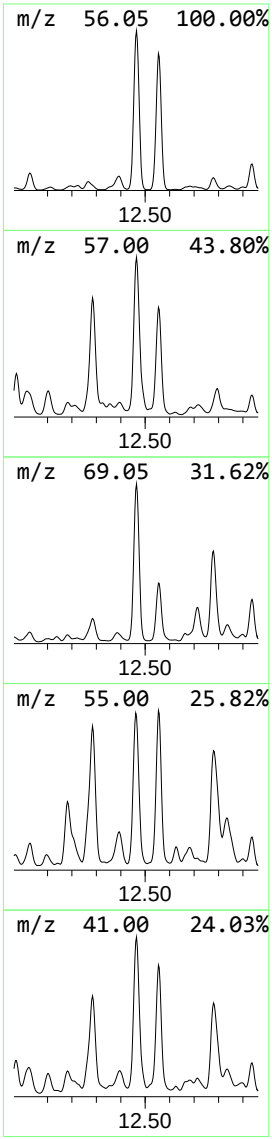
Peak Number 39 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	93.84 ug/L	7442790	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Oxa-4-azaspiro[4.5]decan-4-oxy...	198	C10H16NO3	1000115-84-0	47
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	40
3	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	38
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

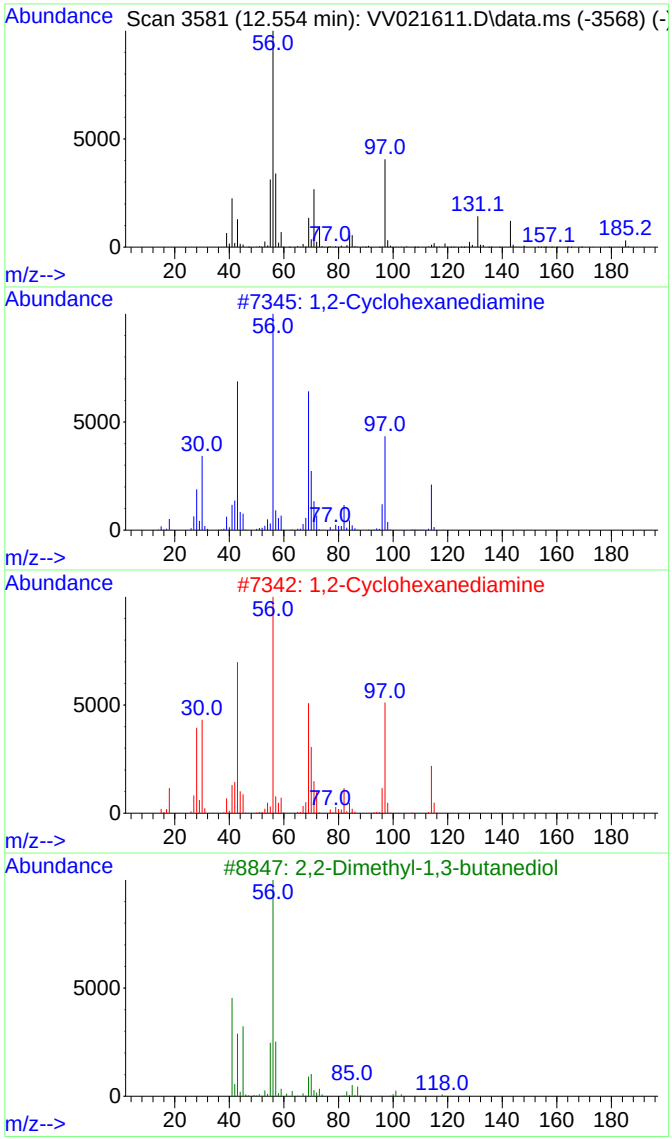
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

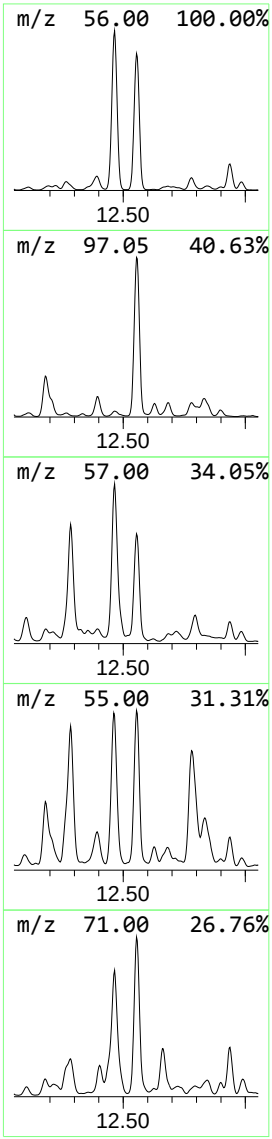
****

Peak Number 40 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.554	63.96 ug/L	5072380	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	1,2-Cyclohexanediamine	114	C6H14N2	000694-83-7	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-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	17





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Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

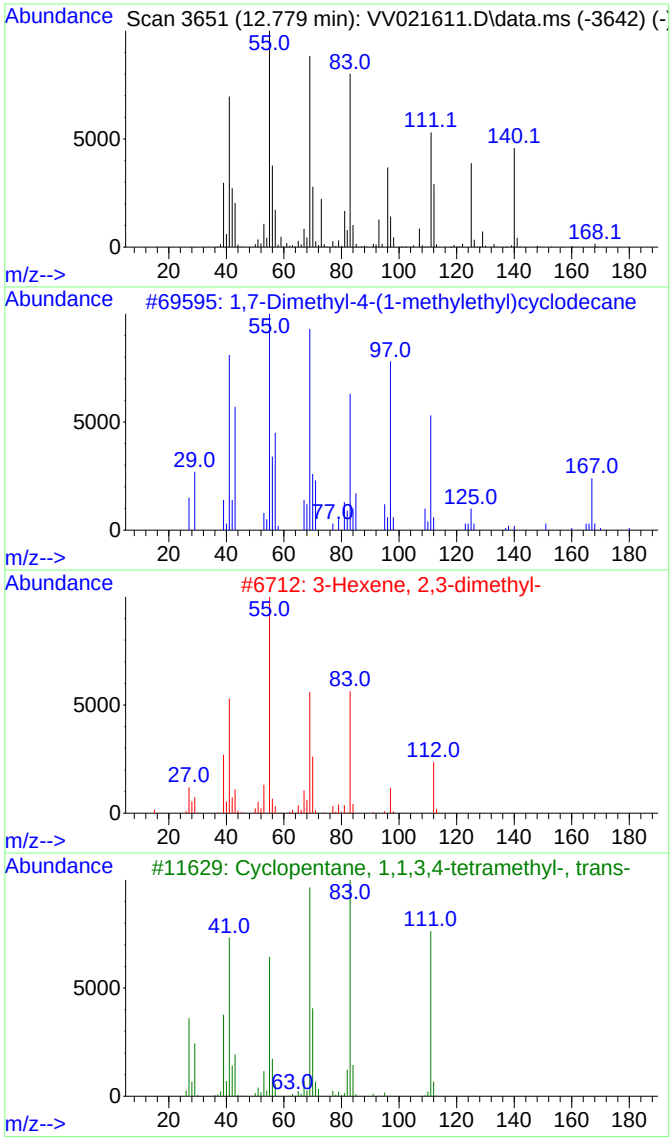
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

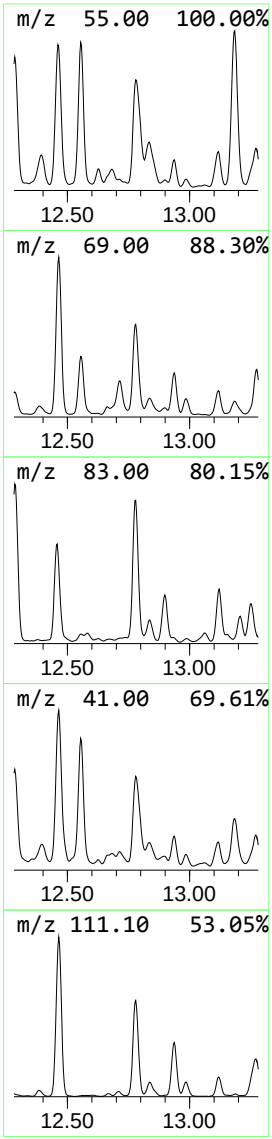
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Cyclic12.780 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	40.46 ug/L	3208600	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	47
2	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	46
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	38
4	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	35
5	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

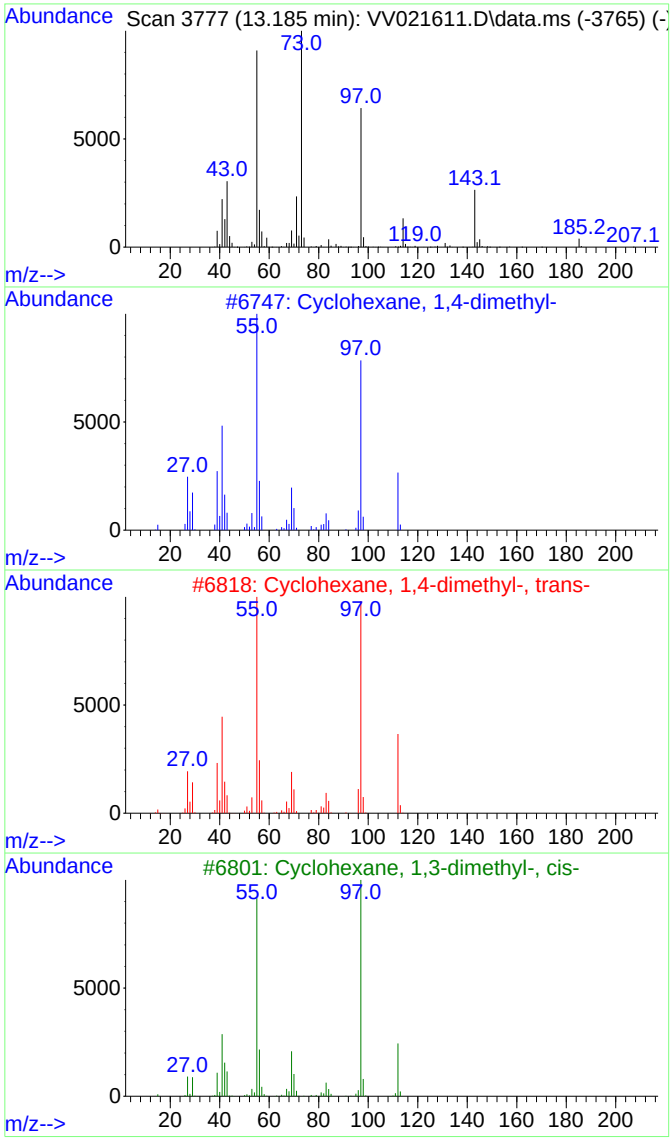
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

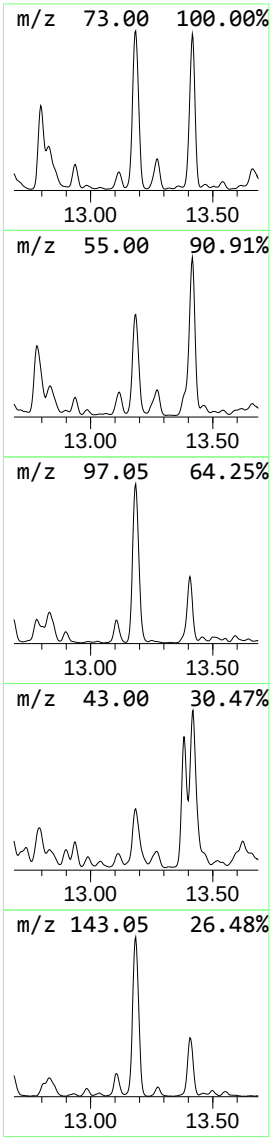
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Cyclic13.185 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.185	36.21 ug/L	2871640	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	35
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	35
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	35
4	4-Decanol	158	C10H22O	002051-31-2	25
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

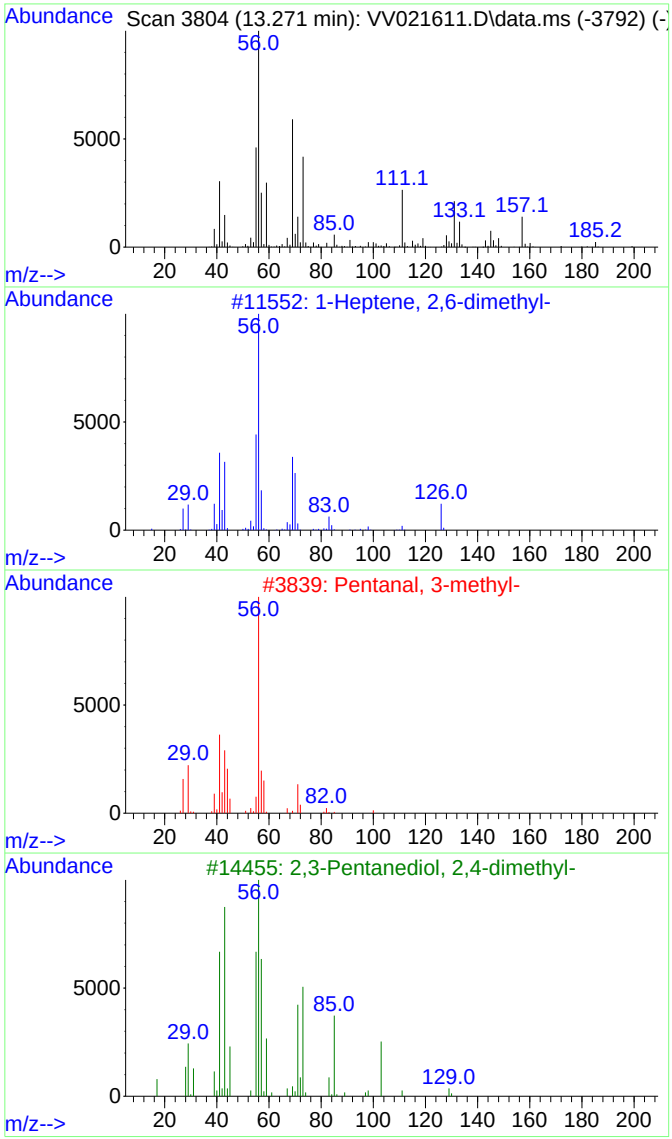
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

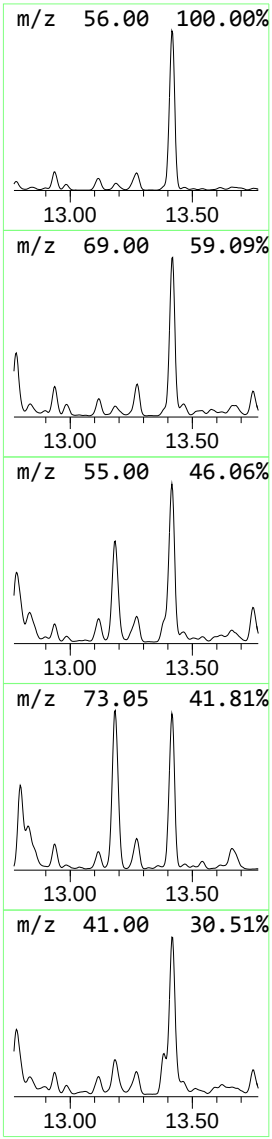
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.271	20.08 ug/L	1592820	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	35
2	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	27
3	2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	25
4	Tridecane, 7-methylene-	196	C14H28	019780-80-4	25
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 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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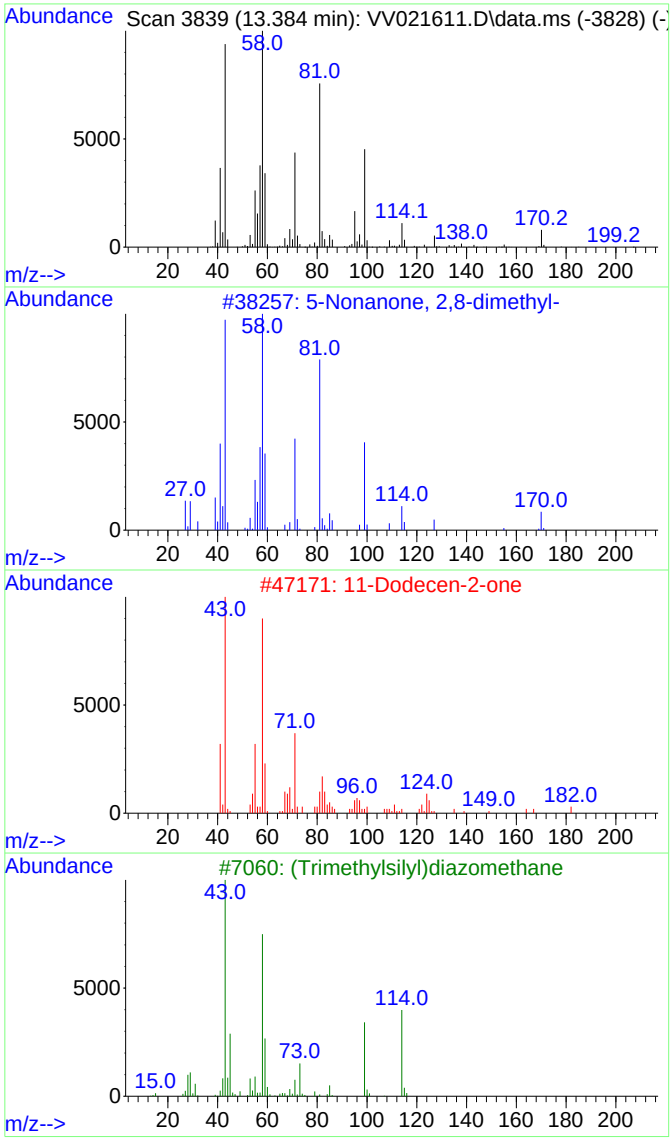
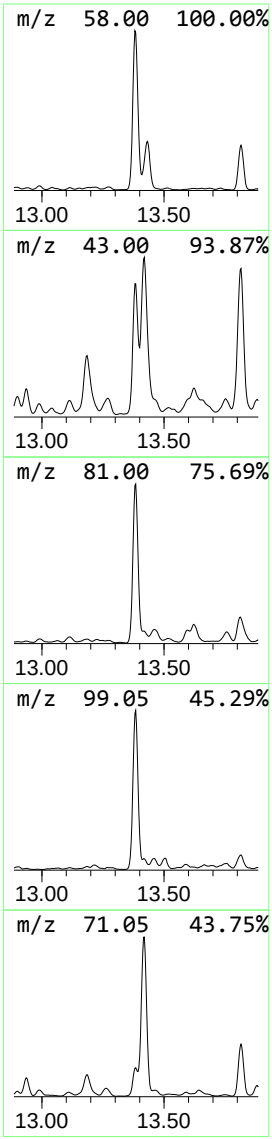
Peak Number 51 5-Nonanone, 2,8-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.384	27.53 ug/L	2183530	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	94
2	11-Dodecen-2-one	182	C12H22O	005009-33-6	38
3	(Trimethylsilyl)diazomethane	114	C4H10N2Si	018107-18-1	38
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	35
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

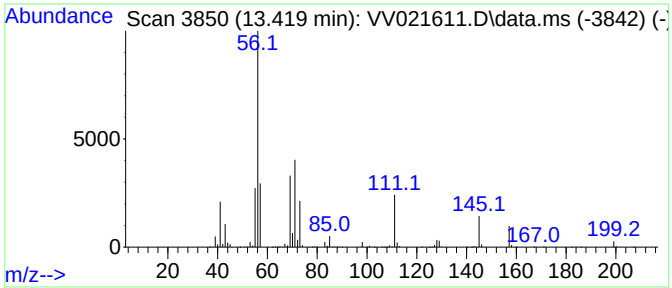
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

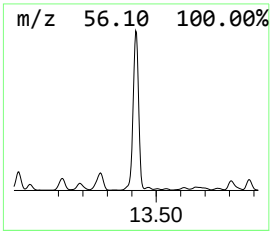
****

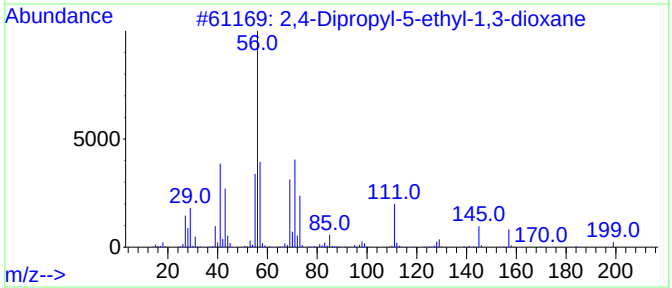
Peak Number 52 unknown-04 Concentration Rank 7

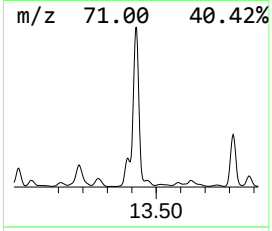
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.419	110.02 ug/L	8725270	1,4-Dichlorobenzene-d4	11.252

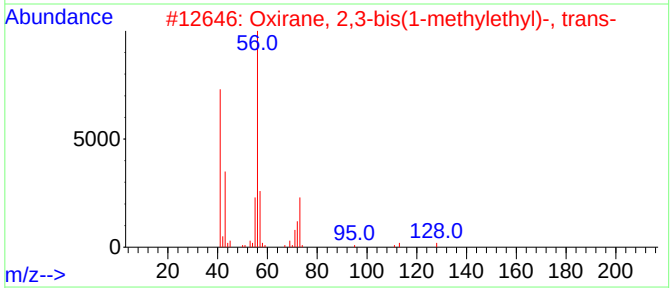
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	47
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
3	2-Methyl-1-nonene	140	C10H20	002980-71-4	27
4	Butyl caprylate	200	C12H24O2	000589-75-3	23
5	Cyclohexanamine	99	C6H13N	000108-91-8	12

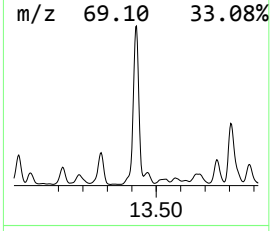


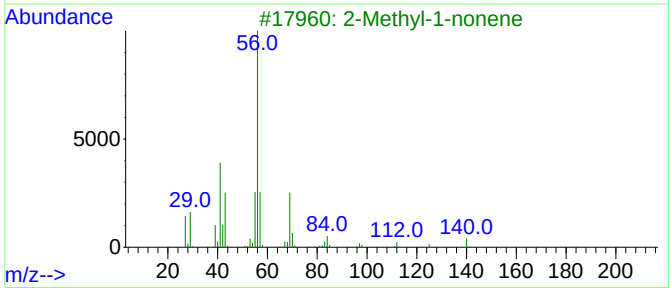


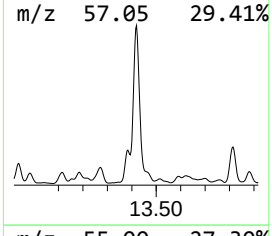


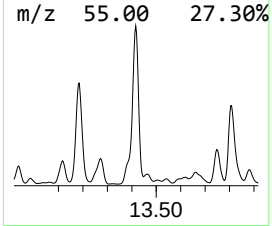












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

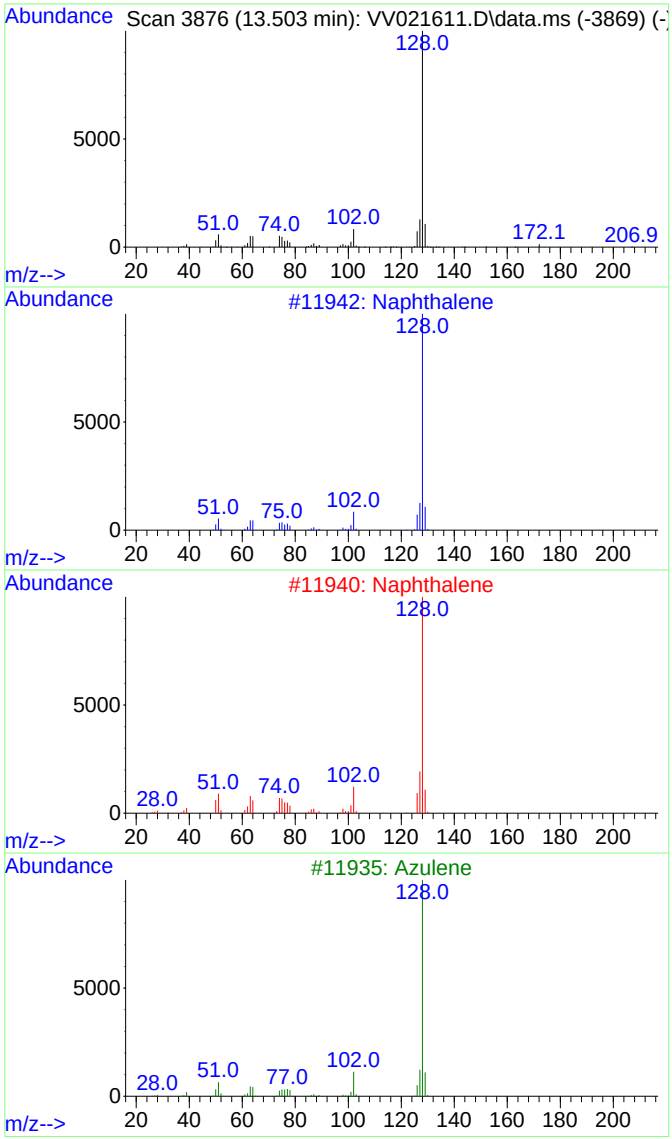
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

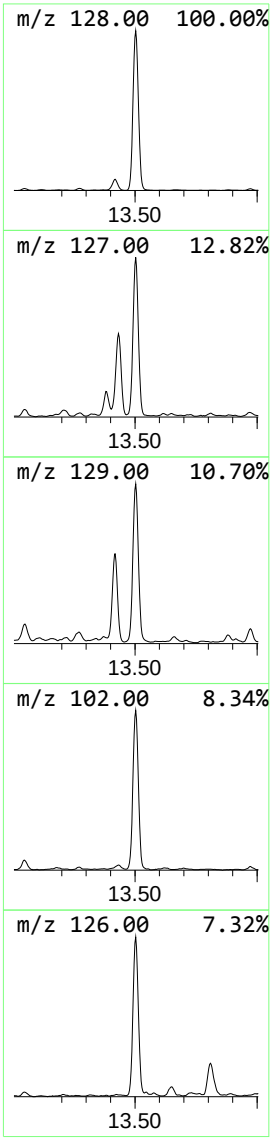
****

Peak Number 53 Azulene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	29.44 ug/L	2334980	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	93
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

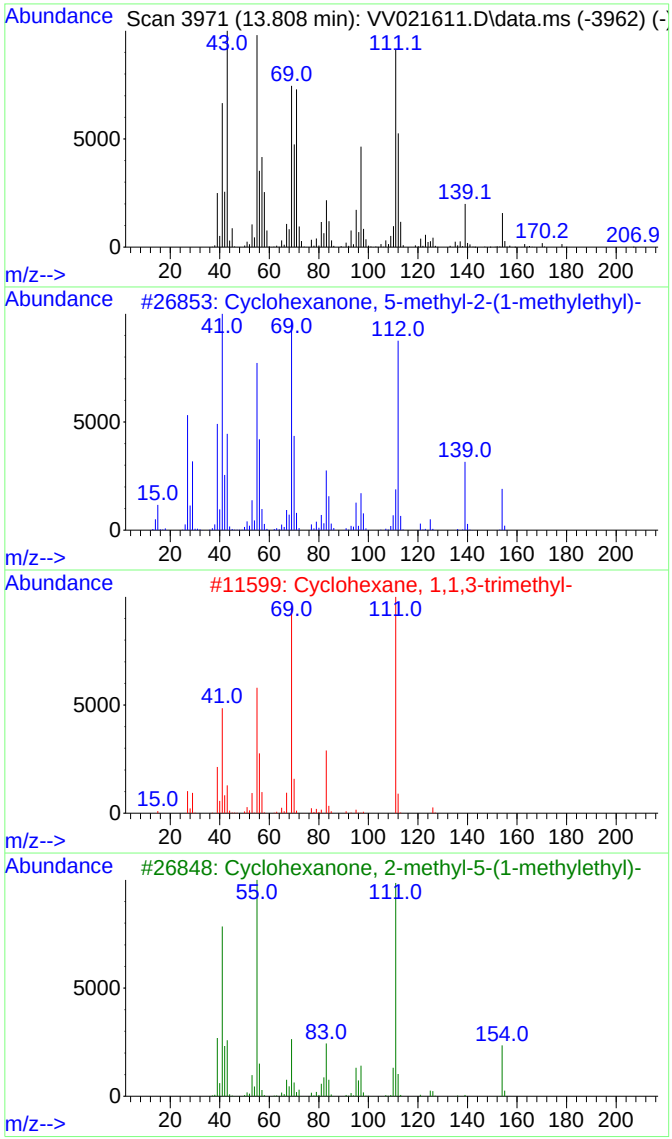
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

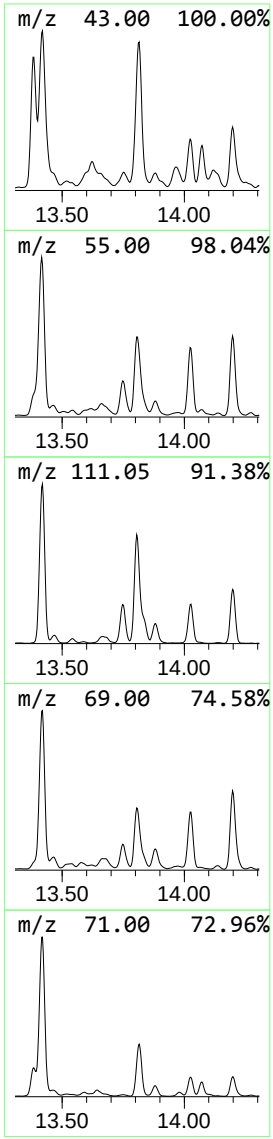
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Cyclohexanone, 5-methyl-2-(... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.808	54.97 ug/L	4359690	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	50
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
3	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	35
4	5-Undecene, (E)-	154	C11H22	000764-97-6	25
5	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000491-07-6	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

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

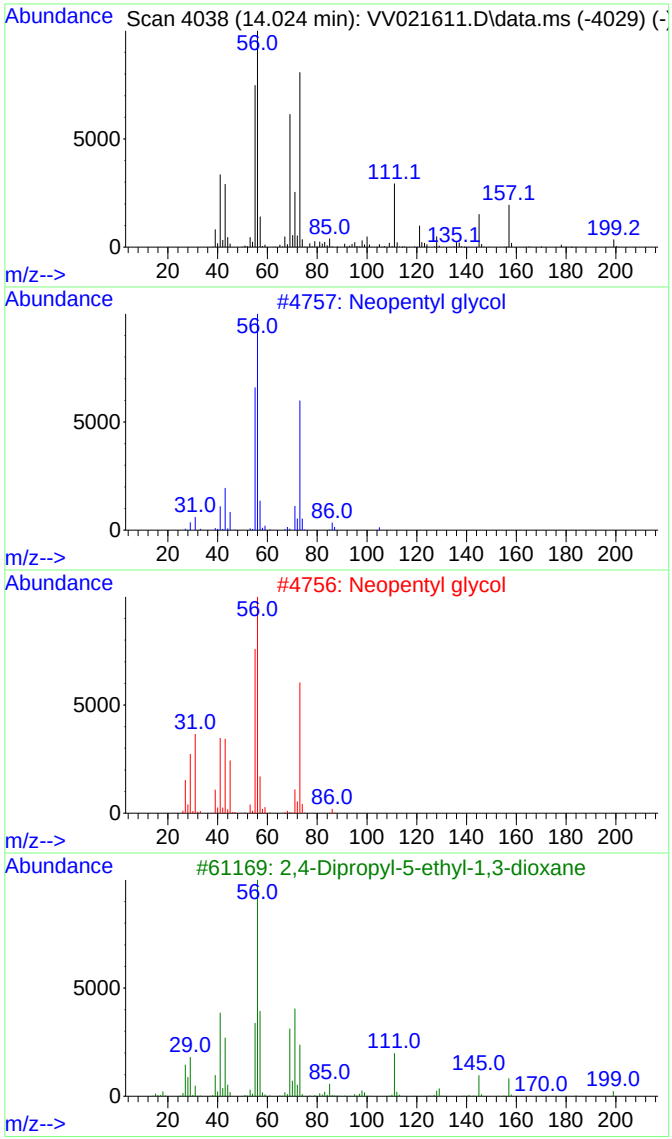
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

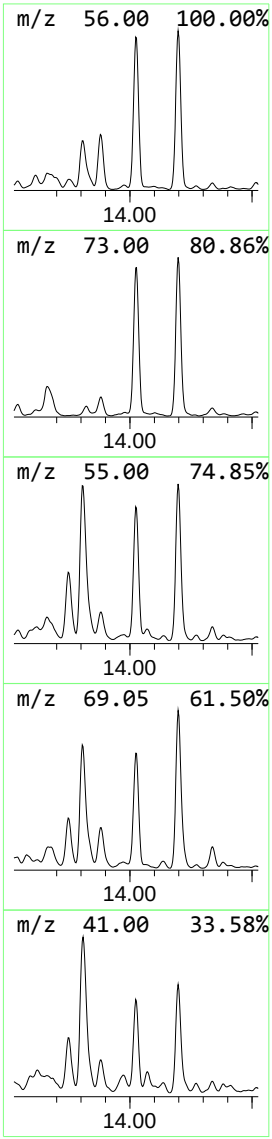
****

Peak Number 59 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.024	26.42 ug/L	2095600	1,4-Dichlorobenzene-d4	11.252

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	Neopentyl glycol	104	C5H12O2	000126-30-7	28
5	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK23

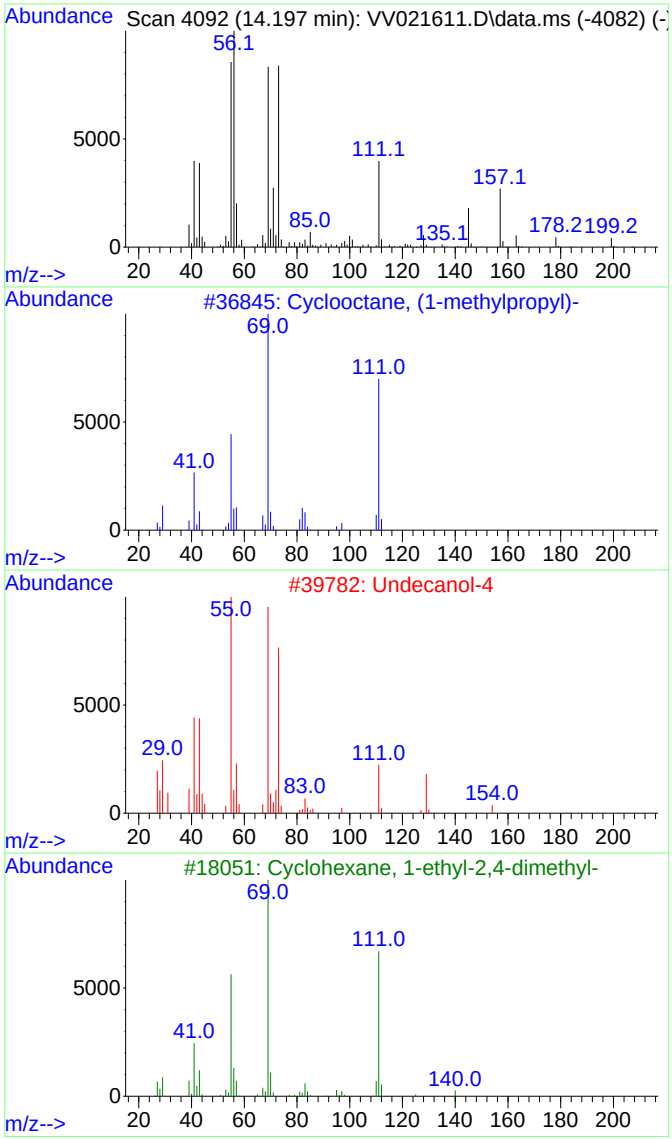
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

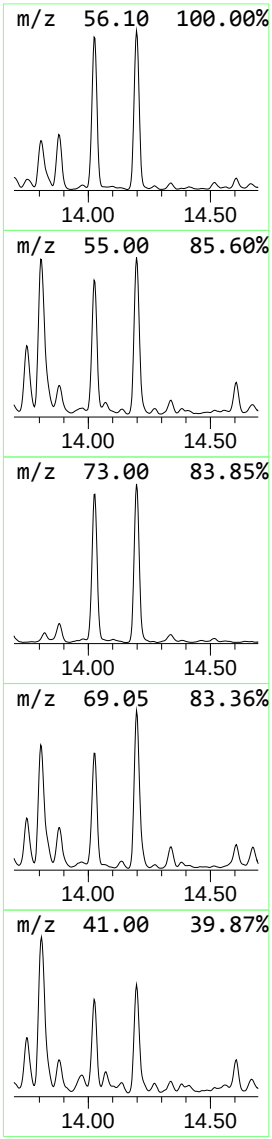
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Cyclic14.197 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.197	37.50 ug/L	2973900	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
2	Undecanol-4	172	C11H24O	004272-06-4	35
3	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	32
4	1-Butyne, 3-methyl-3-propoxy-	126	C8H14O	053907-64-5	27
5	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
Data File : VV021611.D
Acq On : 06 Jul 2021 13:30
Operator : SY/MD
Sample : M2914-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 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	2.269	48.2	ug/L	1080780	1	5.613	1120900	50.0
Propanal, 2-met...	2.944	61.5	ug/L	1377790	1	5.613	1120900	50.0
Butanal	3.687	379.1	ug/L	8498710	1	5.613	1120900	50.0
3-Penten-2-one,...	8.249	59.5	ug/L	1972020	2	8.850	1658270	50.0
1-Butanol, 2-et...	9.075	31.8	ug/L	1055280	2	8.850	1658270	50.0
2-Hexanone, 5-m...	9.239	34.5	ug/L	1144640	2	8.850	1658270	50.0
4-Heptanone	9.381	52.5	ug/L	1741470	2	8.850	1658270	50.0
3-Heptanone	9.593	38.0	ug/L	1259250	2	8.850	1658270	50.0
2-Heptanone	9.696	57.5	ug/L	1905620	2	8.850	1658270	50.0
Propanoic acid,...	9.760	26.1	ug/L	864447	2	8.850	1658270	50.0
(DEL) Alkane: S...	9.812	29.4	ug/L	973572	2	8.850	1658270	50.0
Butanoic acid, ...	10.278	31.6	ug/L	2501970	3	11.252	3965500	50.0
(DEL) Alkane: S...	10.333	74.5	ug/L	5912400	3	11.252	3965500	50.0
Benzene, 1-ethy...	10.448	89.0	ug/L	7060480	3	11.252	3965500	50.0
4-Heptanone, 2,...	10.699	245.4	ug/L	19464200	3	11.252	3965500	50.0
Benzene, 1-ethy...	10.738	50.4	ug/L	3996830	3	11.252	3965500	50.0
2-Heptanone, 4,...	11.024	292.4	ug/L	23192800	3	11.252	3965500	50.0
1,1-Hexylenedio...	11.310	155.5	ug/L	12332700	3	11.252	3965500	50.0
2,2-Dimethyl-1,...	11.500	27.1	ug/L	2145940	3	11.252	3965500	50.0
2-Propyl-1-pent...	11.535	355.6	ug/L	28199300	3	11.252	3965500	50.0
Tetrahydropyrro...	11.702	29.5	ug/L	2336990	3	11.252	3965500	50.0
2-Nonanone	11.828	64.0	ug/L	5072460	3	11.252	3965500	50.0
Cyclohexanone, ...	11.924	230.3	ug/L	18262300	3	11.252	3965500	50.0
o-Cymene	12.021	25.6	ug/L	2033860	3	11.252	3965500	50.0
unknown-01	12.284	55.0	ug/L	4363300	3	11.252	3965500	50.0
unknown-02	12.464	93.8	ug/L	7442790	3	11.252	3965500	50.0
unknown-03	12.554	64.0	ug/L	5072380	3	11.252	3965500	50.0
(DEL) Alkane: C...	12.780	40.5	ug/L	3208600	3	11.252	3965500	50.0
(DEL) Alkane: C...	13.185	36.2	ug/L	2871640	3	11.252	3965500	50.0
(DEL) Alkane: S...	13.271	20.1	ug/L	1592820	3	11.252	3965500	50.0
5-Nonanone, 2,8...	13.384	27.5	ug/L	2183530	3	11.252	3965500	50.0
unknown-04	13.419	110.0	ug/L	8725270	3	11.252	3965500	50.0
Azulene	13.503	29.4	ug/L	2334980	3	11.252	3965500	50.0
Cyclohexanone, ...	13.808	55.0	ug/L	4359690	3	11.252	3965500	50.0
unknown-05	14.024	26.4	ug/L	2095600	3	11.252	3965500	50.0
(DEL) Alkane: C...	14.197	37.5	ug/L	2973900	3	11.252	3965500	50.0