LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

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\SOMVLM030620WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	3	8	22	rVB	37282	36428	0.99%	0.120%
2	1.219	34	40	61	rVB	80030	85798	2.33%	0.284%
3	1.315	61	70	88	rBV	141516	160409	4.35%	0.530%
4	1.396	88	95	111	rVV	19352	33084	0.90%	0.109%
5	1.479	114	121	139	rVB	132217	151299	4.10%	0.500%
6	1.579	144	152	166	rVB	115919	140458	3.81%	0.464%
7	1.775	208	213	220	rVB6	3431	4890	0.13%	0.016%
8	2.119	308	320	332	rBV	247400	366951	9.95%	1.213%
9	2.203	333	346	399	rVB	194390	801112	21.72%	2.648%
10	2.460	419	426	442	rVB	8880	18766	0.51%	0.062%
11	2.981	577	588	601	rBV2	11015	23183	0.63%	0.077%
12	3.544	751	763	776	rVV5	4562	10815	0.29%	0.036%
13	3.730	808	821	853	rBV2	146453	418832	11.36%	1.384%
14	3.926	869	882	892	rBV2	81402	229801	6.23%	0.760%
15	4.007	893	907	972	rVB	548913	2153298	58.39%	7.117%
16	4.380	1005	1023	1049	rBV	212871	551358	14.95%	1.822%
17	5.074	1220	1239	1273	rBV2	514578	1303196	35.34%	4.307%
18	5.270	1286	1300	1328	rBV3	35425	121306	3.29%	0.401%
19	5.560	1374	1390	1403	rBV2	29541	71982	1.95%	0.238%
20	5.643	1403	1416	1436	rVB	441876	876387	23.76%	2.897%
21	6.097	1527	1557	1580	rVV	300098	669357	18.15%	2.212%
22	6.206	1581	1591	1618	rVB2	63804	162193	4.40%	0.536%
23	6.367	1632	1641	1664	rVB2	10660	29164	0.79%	0.096%
24	7.010	1828	1841	1863	rBV	159331	286314	7.76%	0.946%
25	7.254	1905	1917	1932	rVV	323016	610917	16.57%	2.019%
26	7.338	1932	1943	1953	rVV	635117	1108745	30.06%	3.665%
27	7.389	1953	1959	1978	rVV	114995	215187	5.84%	0.711%
28	7.495	1982	1992	2011	rVB	38867	76493	2.07%	0.253%
29	7.643	2026	2038	2050	rBV	117359	198816	5.39%	0.657%
30	7.958	2126	2136	2149	rBV4	6740	12224	0.33%	0.040%
31	8.029	2149	2158	2169	rBV	33906	59020	1.60%	0.195%
32	8.109	2169	2183	2197	rBV3	624584	1218470	33.04%	4.027%
33	8.335	2246	2253	2266	rVB5	6715	13075	0.35%	0.043%
34	8.482	2290	2299	2312	rVB7	4150	8337	0.23%	0.028%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

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\SOMVLM030620WMA.M
Title : VOC Analysis

35	8.752	2366	2383	2392	rVV7	3986	10555	0.29%	0.035%
36	8.849	2396	2413	2415	rBV	539484	711591	19.30%	2.352%
37	8.871	2417	2420	2463	rVB	740106	1106238	30.00%	3.656%
38	9.055	2467	2477	2497	rVV2	40470	82416	2.23%	0.272%
39	9.170	2497	2513	2524	rVB6	36787	76245	2.07%	0.252%
40	9.264	2532	2542	2562	rBV	90219	149613	4.06%	0.495%
41	9.354	2562	2570	2576	rVV3	12867	21167	0.57%	0.070%
42	9.402	2576	2585	2605	rVB	109822	175639	4.76%	0.581%
43	9.569	2629	2637	2642	rVV6	5466	8907	0.24%	0.029%
44	9.617	2642	2652	2669	rVB	172605	268041	7.27%	0.886%
45	9.727	2675	2686	2699	rBV2	26986	45301	1.23%	0.150%
46	9.791	2699	2706	2713	rVB9	4146	6022	0.16%	0.020%
47	9.881	2728	2734	2746	rVB8	4066	7088	0.19%	0.023%
48	9.971	2748	2762	2772	rVB6	5984	12281	0.33%	0.041%
49	10.167	2812	2823	2834	rBV	302763	461729	12.52%	1.526%
50	10.238	2834	2845	2857	rVB	451648	701440	19.02%	2.318%
51	10.376	2873	2888	2903	rBV	1921963	3687833	100.00%	12.189%
52	10.447	2903	2910	2928	rVB	256378	439765	11.92%	1.454%
53	10.601	2952	2958	2965	rVB3	10958	14227	0.39%	0.047%
54	10.662	2965	2977	2989	rBV	2092287	3380914	91.68%	11.175%
55	11.039	3081	3094	3108	rBV	488470	753916	20.44%	2.492%
56	11.113	3111	3117	3127	rVB7	10718	18958	0.51%	0.063%
57	11.267	3146	3165	3178	rBV	737400	1154815	31.31%	3.817%
58	11.338	3180	3187	3203	rVB10	22533	61406	1.67%	0.203%
59	11.457	3219	3224	3232	rVB10	5415	7789	0.21%	0.026%
60	11.518	3232	3243	3249	rBV4	37056	65076	1.76%	0.215%
61	11.553	3250	3254	3263	rVB4	17498	24836	0.67%	0.082%
62	11.646	3271	3283	3304	rBV	682446	1119491	30.36%	3.700%
63	11.852	3336	3347	3361	rVB4	69765	120948	3.28%	0.400%
64	11.942	3361	3375	3386	rBV	1161943	1863598	50.53%	6.160%
65	12.109	3417	3427	3439	rBV2	107271	172860	4.69%	0.571%
66	12.209	3451	3458	3466	rVB8	11647	17513	0.47%	0.058%
67	12.254	3467	3472	3477	rBV4	7008	8980	0.24%	0.030%
68	12.325	3487	3494	3511	rVB6	21862	38806	1.05%	0.128%
69	12.415	3514	3522	3530	rBV10	9033	17938	0.49%	0.059%
70	12.482	3530	3543	3560	rVB3	41287	87075	2.36%	0.288%
71	12.572	3562	3571	3578	rBV3	32936	49169	1.33%	0.163%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

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\SOMVLM030620WMA.M
Title : VOC Analysis

72	12.759	3623	3629	3633	rVV3	9708	13879	0.38%	0.046%
73	12.801	3633	3642	3652	rVV2	99877	161817	4.39%	0.535%
74	12.858	3653	3660	3670	rVV5	21828	38924	1.06%	0.129%
75	12.920	3670	3679	3695	rVV3	25832	53943	1.46%	0.178%
76	13.141	3739	3748	3757	rBV2	23192	37651	1.02%	0.124%
77	13.228	3769	3775	3781	rVV8	7644	12298	0.33%	0.041%
78	13.270	3781	3788	3799	rVV3	16792	31486	0.85%	0.104%
79	13.341	3800	3810	3820	rVV	77555	120436	3.27%	0.398%
80	13.402	3823	3829	3832	rVV3	14010	18890	0.51%	0.062%
81	13.437	3832	3840	3859	rVV2	58619	115310	3.13%	0.381%
82	13.524	3859	3867	3879	rVB	18751	31488	0.85%	0.104%
83	13.643	3893	3904	3906	rBV10	4673	7816	0.21%	0.026%
84	13.662	3907	3910	3919	rVB7	4583	5647	0.15%	0.019%
85	13.768	3932	3943	3954	rBV3	45604	78143	2.12%	0.258%
86	13.829	3954	3962	3981	rVB4	36351	76892	2.09%	0.254%
87	14.096	4038	4045	4050	rBV10	3039	4510	0.12%	0.015%
88	14.157	4055	4064	4076	rBV3	23516	37708	1.02%	0.125%
89	14.222	4076	4084	4086	rBV7	6227	8038	0.22%	0.027%
90	14.292	4098	4106	4116	rVB7	9451	14620	0.40%	0.048%
91	14.402	4126	4140	4151	rBV4	27310	45678	1.24%	0.151%
92	14.508	4164	4173	4182	rBV	19751	30062	0.82%	0.099%
93	14.656	4213	4219	4224	rVV3	7966	11656	0.32%	0.039%
94	14.698	4224	4232	4245	rVB3	26803	45205	1.23%	0.149%
95	14.842	4267	4277	4286	rVV5	18311	35668	0.97%	0.118%
96	14.881	4286	4289	4302	rVV10	6741	10055	0.27%	0.033%
97	15.096	4347	4356	4361	rBV9	3542	5354	0.15%	0.018%
98	15.247	4396	4403	4411	rBV9	5353	7918	0.21%	0.026%
99	15.434	4455	4461	4468	rVB2	5914	8333	0.23%	0.028%
100	15.575	4496	4505	4510	rBV10	5227	7230	0.20%	0.024%

Sum of corrected areas: 30254506

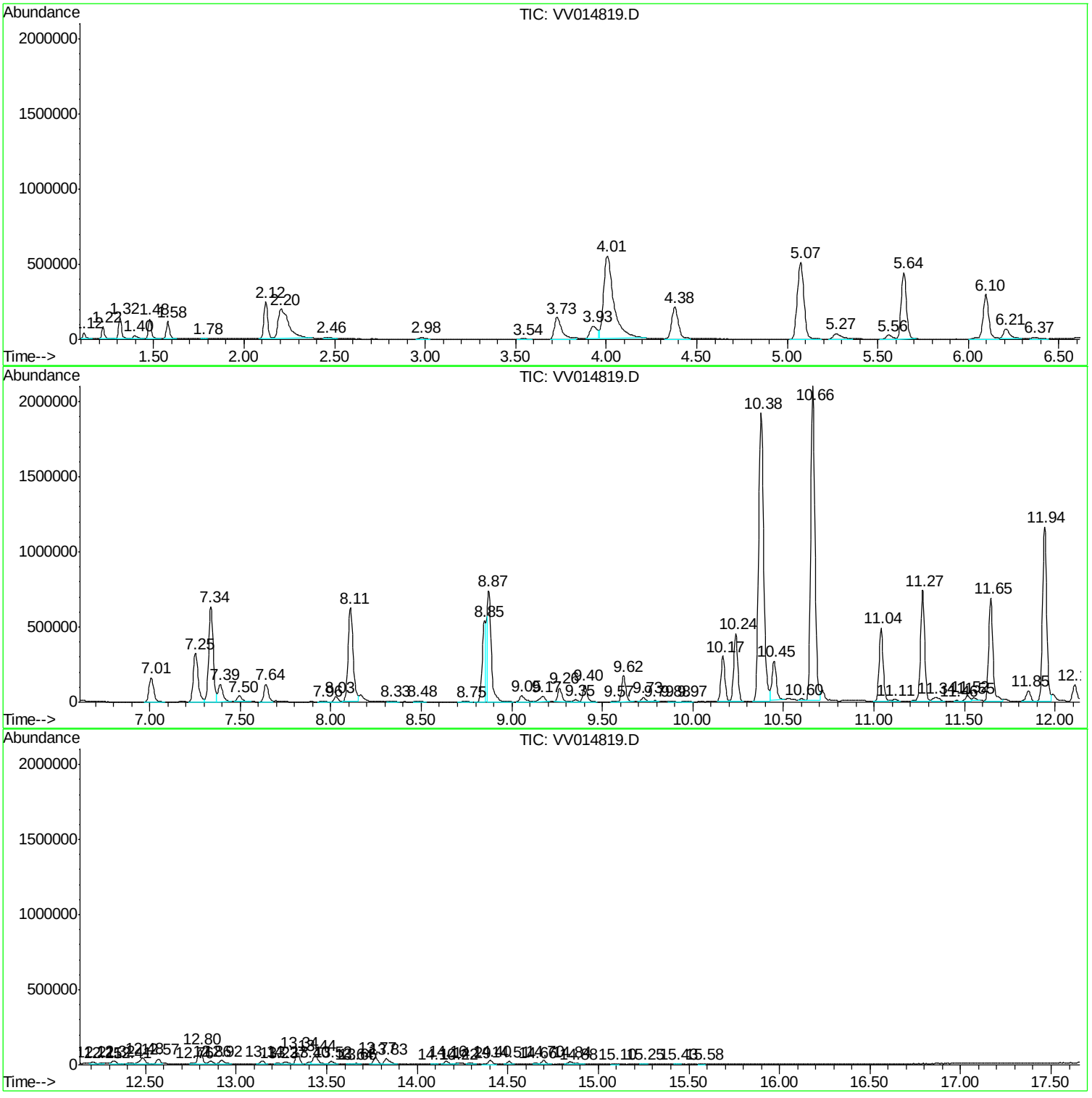
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

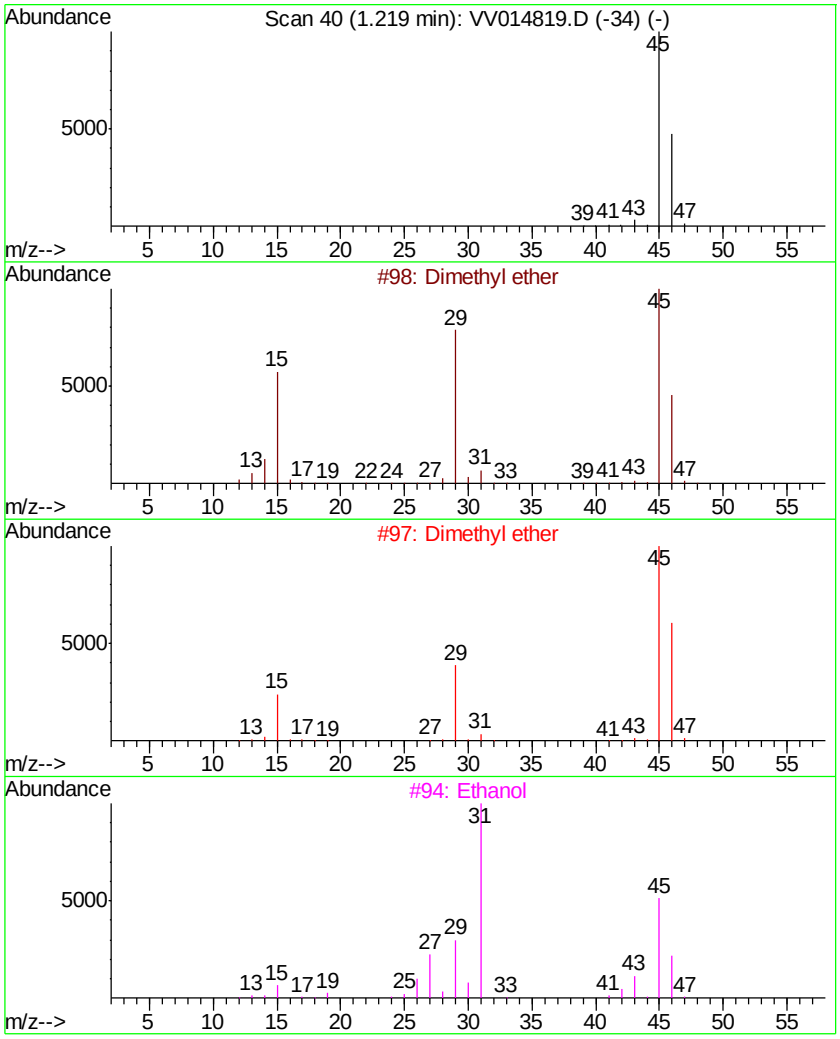
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

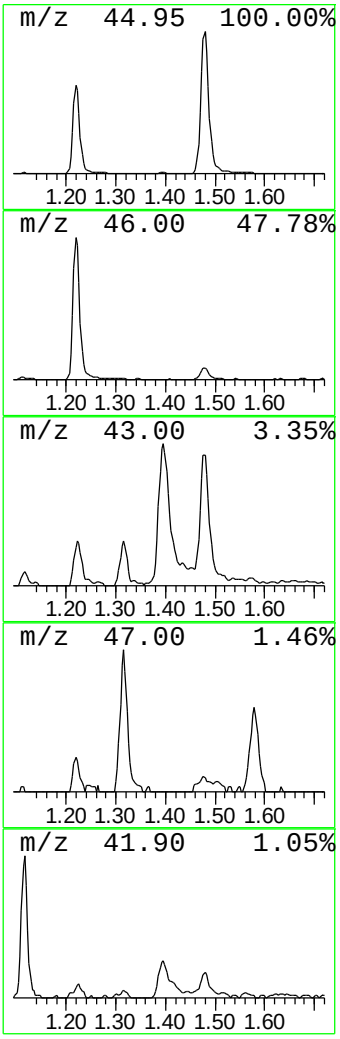
****

Peak Number 1 Dimethyl ether Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	4.89 ug/L	85798	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Formic acid	46	CH2O2	000064-18-6	5





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

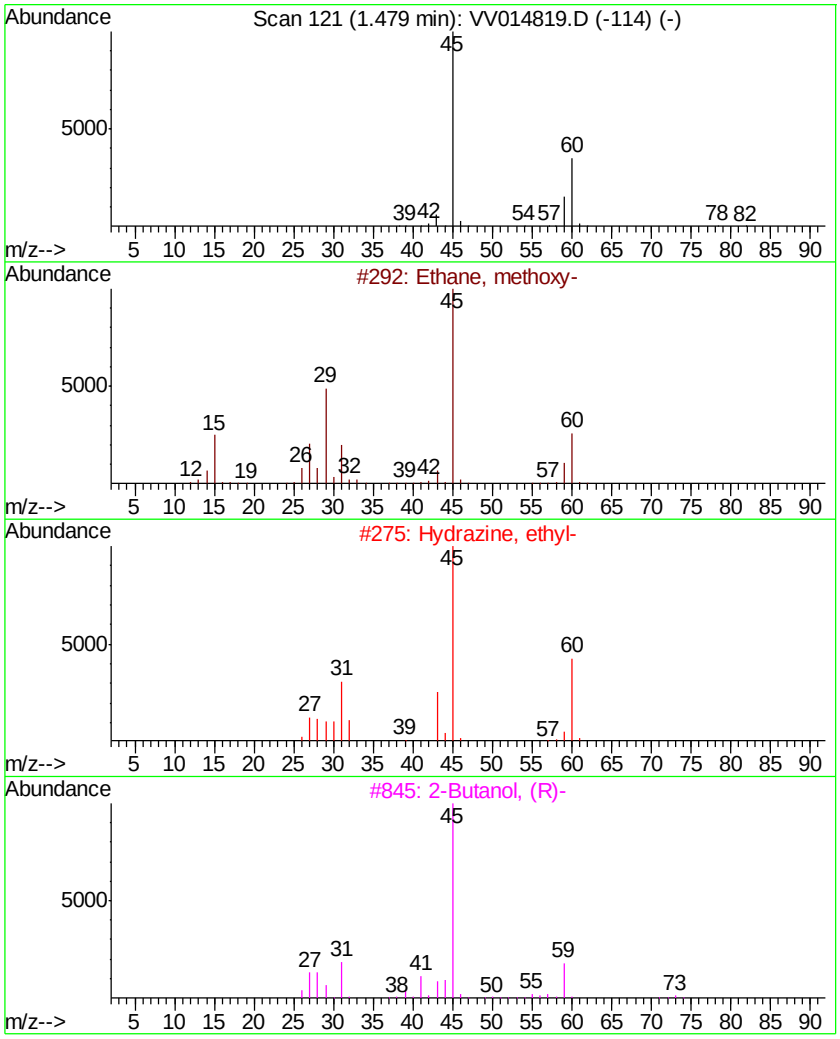
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

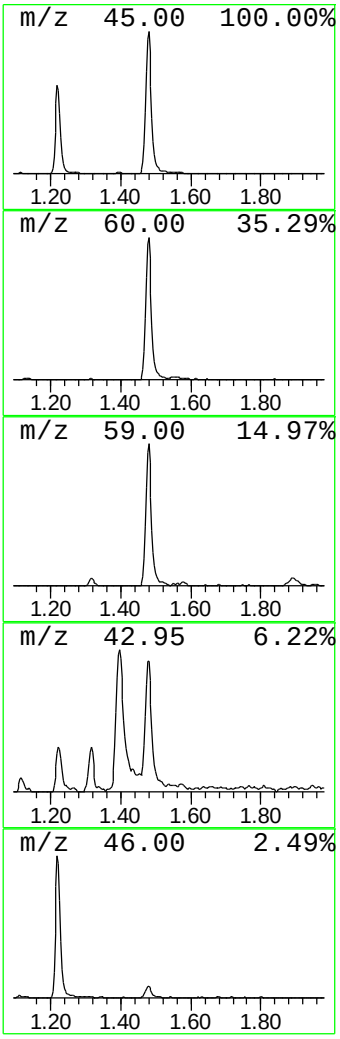
****

Peak Number 2 Ethane, methoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	8.63 ug/L	151299	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, methoxy-	60	C3H8O	000540-67-0	78
2	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	72
3	2-Butanol, (R)-	74	C4H10O	014898-79-4	9
4	Ethane, methoxy-	60	C3H8O	000540-67-0	7
5	Urea	60	CH4N2O	000057-13-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

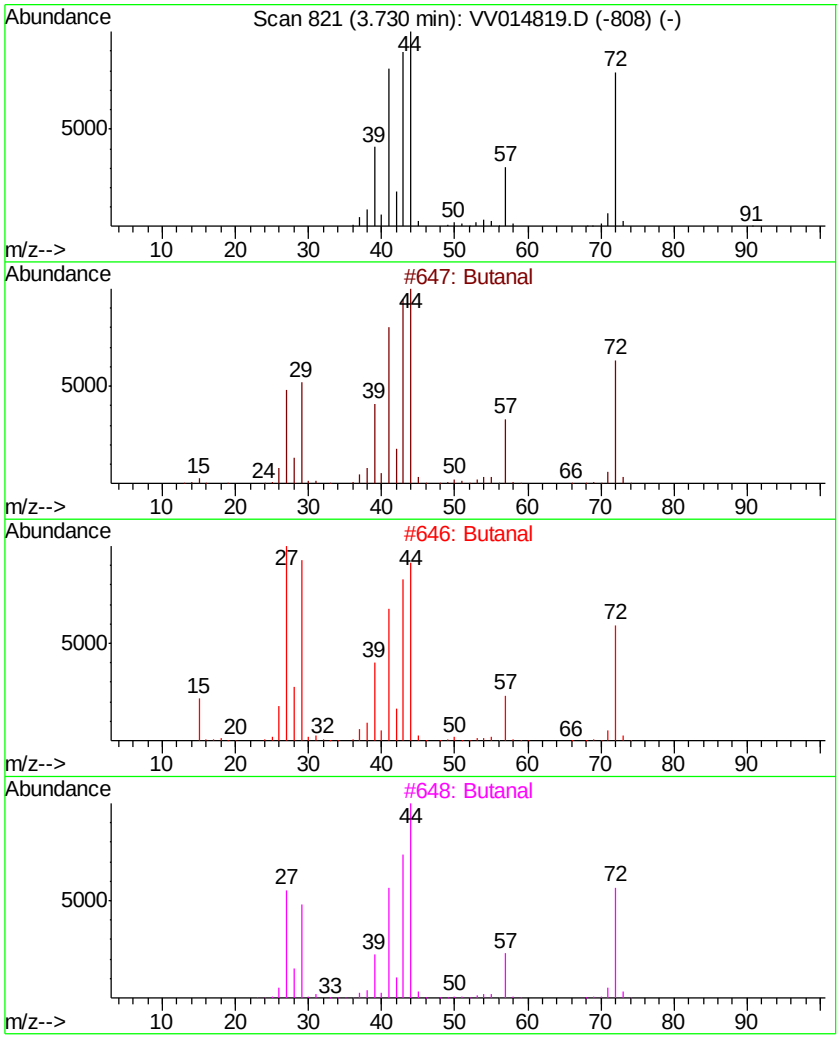
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

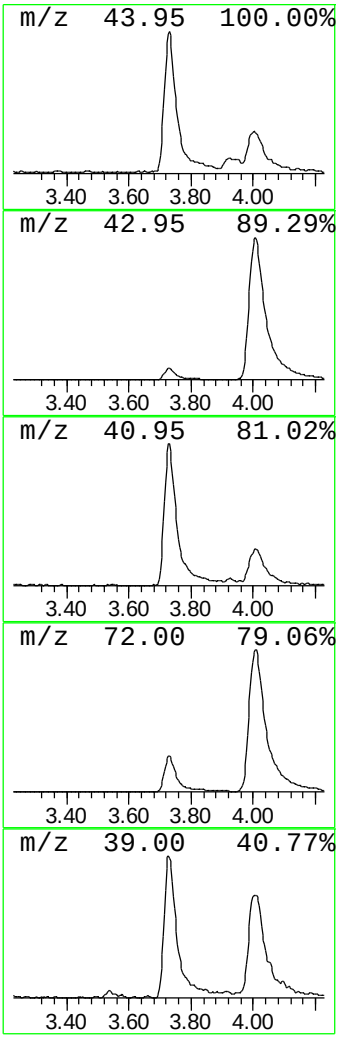
****

Peak Number 3 Butanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	23.90 ug/L	418832	1,4-Difluorobenzene	5.64

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	80
4	Butanal	72	C4H8O	000123-72-8	80
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

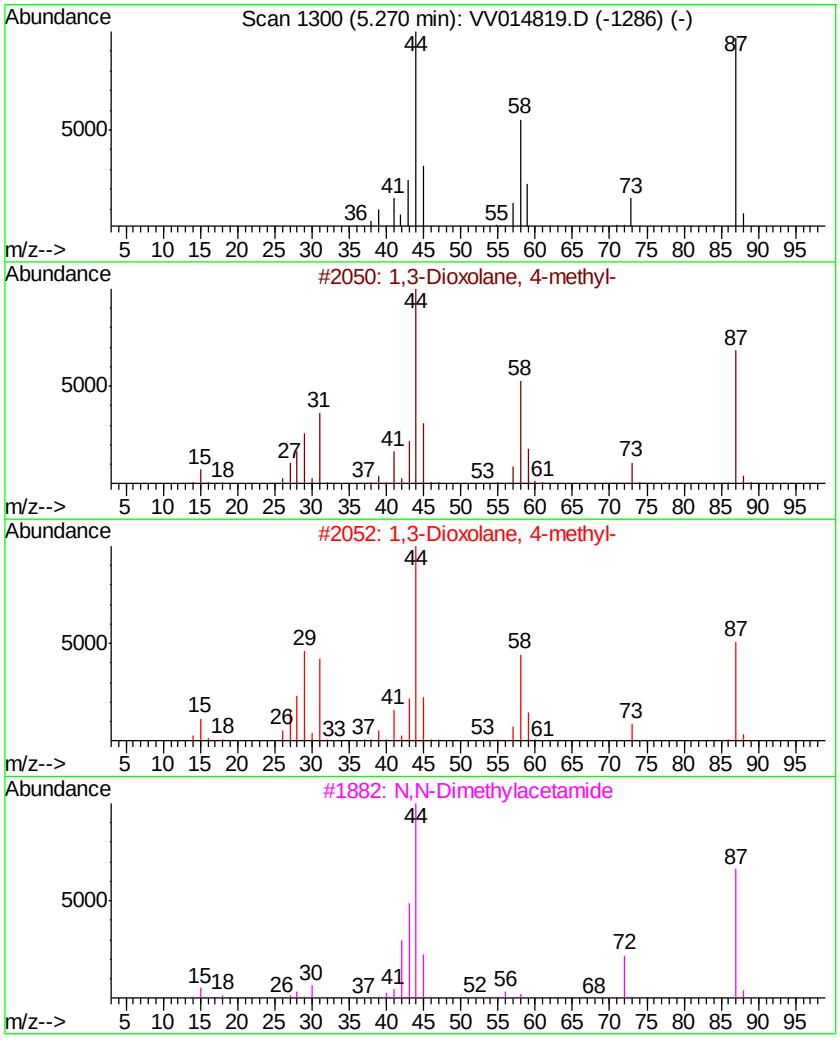
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

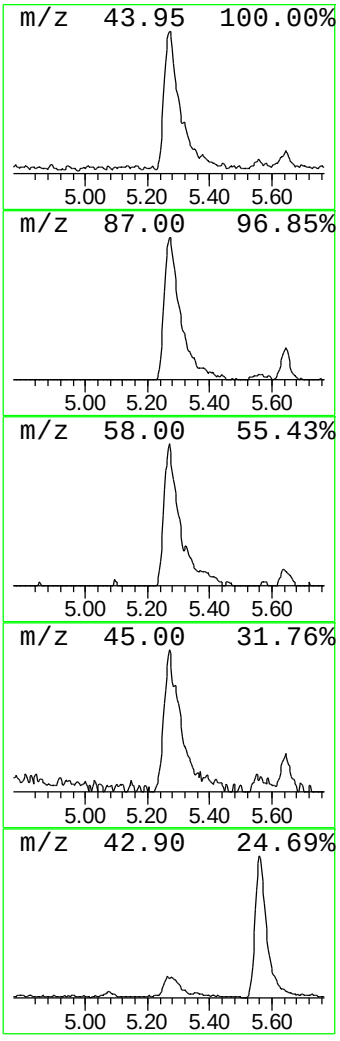
****

Peak Number 4 1,3-Dioxolane, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	6.92 ug/L	121306	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 4-methyl-	88	C4H8O2	001072-47-5	91
2	1,3-Dioxolane, 4-methyl-	88	C4H8O2	001072-47-5	83
3	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	36
4	3-Pentanol, 2,3,4-trimethyl-	130	C8H18O	003054-92-0	32
5	N-Acetyl-l-alanine ethylamide	158	C7H14N2O2	024847-34-5	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

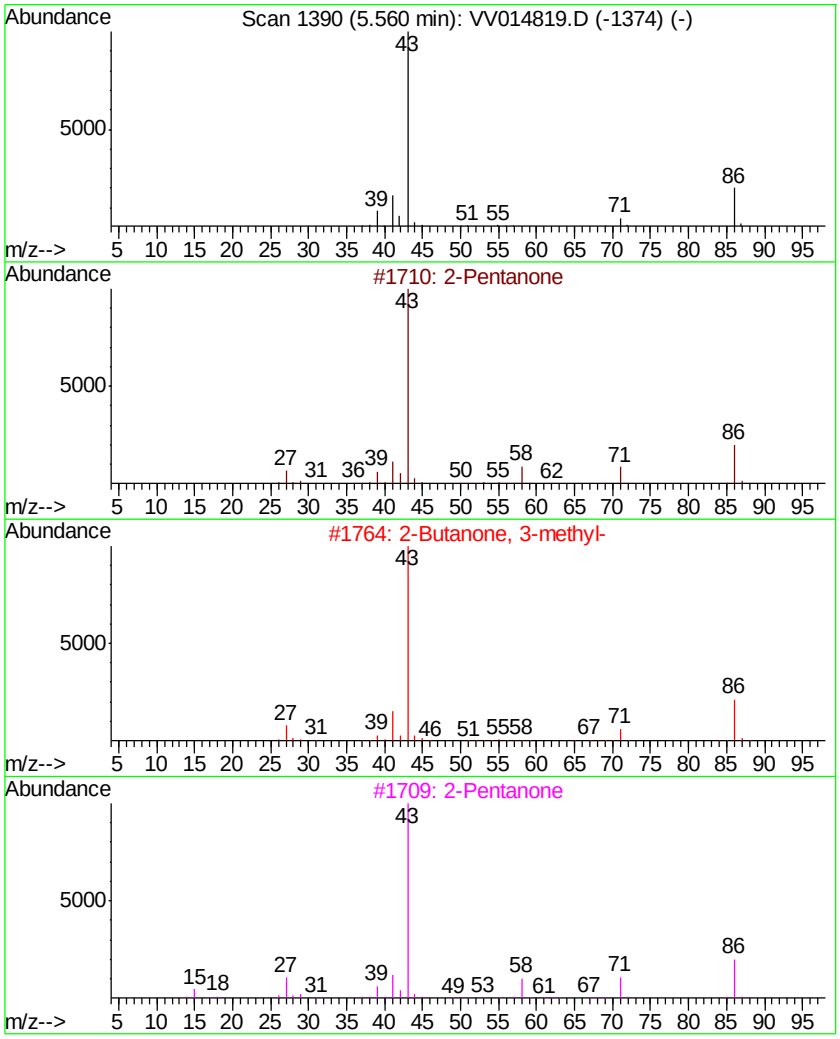
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

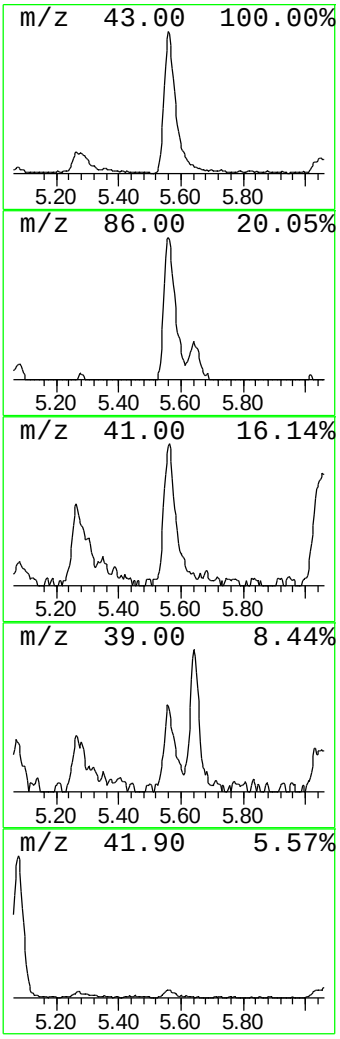
****

Peak Number 5 2-Pentanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	4.11 ug/L	71982	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	72
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	72
3	2-Pentanone	86	C5H10O	000107-87-9	72
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
5	2-Pentanone	86	C5H10O	000107-87-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

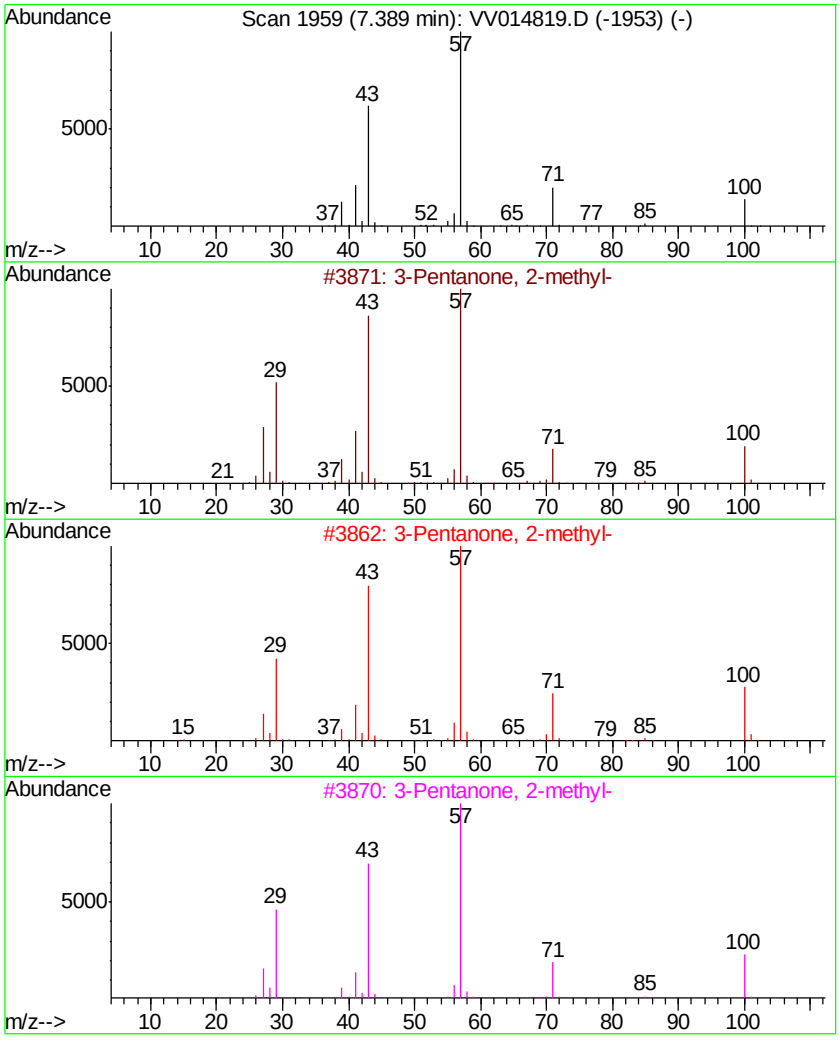
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

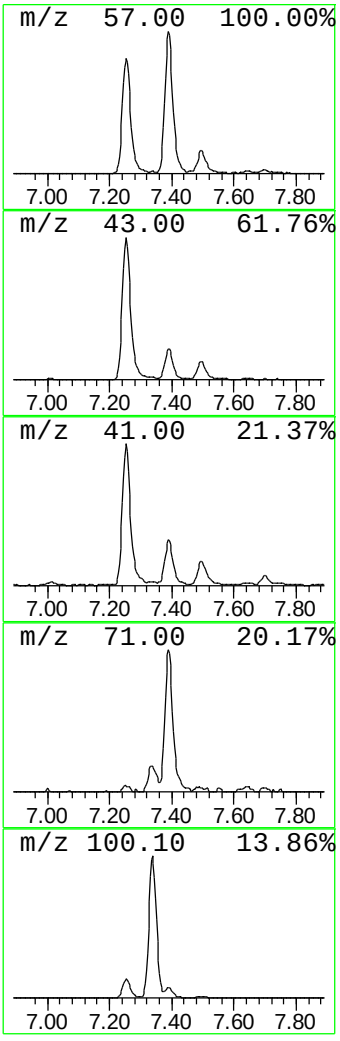
****

Peak Number 8 3-Pentanone, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	9.73 ug/L	215187	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	59
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	50
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	38
4	3-Hexanone	100	C6H12O	000589-38-8	37
5	3-Hexanone	100	C6H12O	000589-38-8	25





Library Search Compound Report

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Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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

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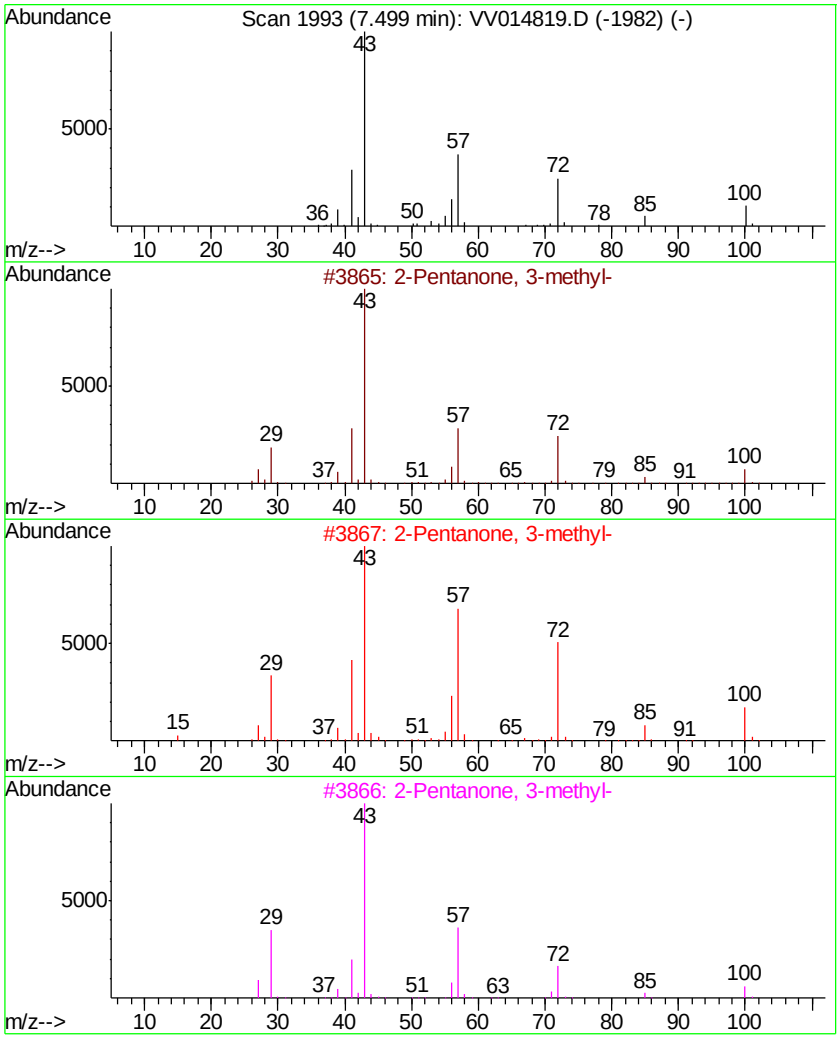
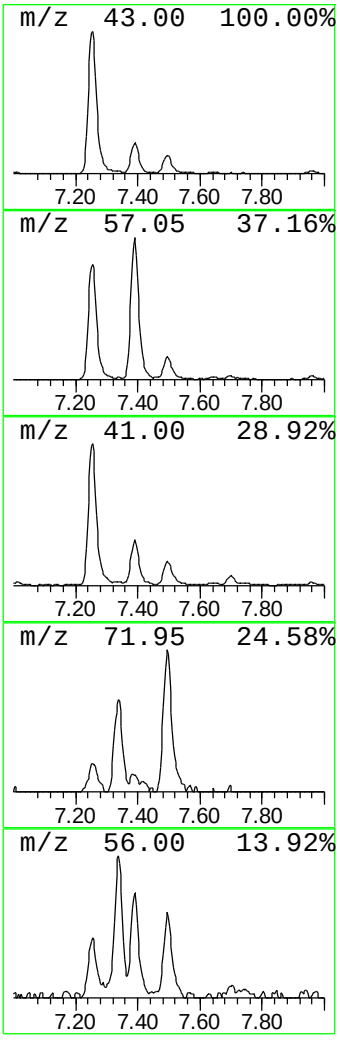
Peak Number 9 2-Pentanone, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	3.46 ug/L	76493	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	87
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	72
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	53
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	52
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

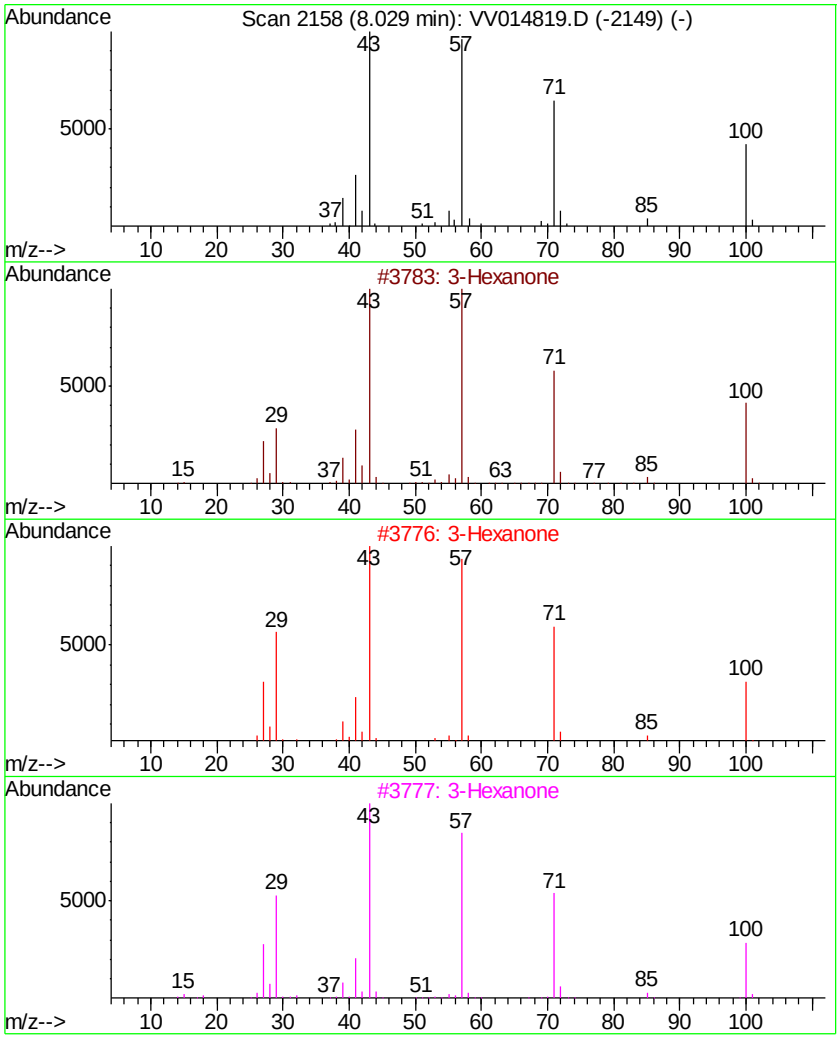
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

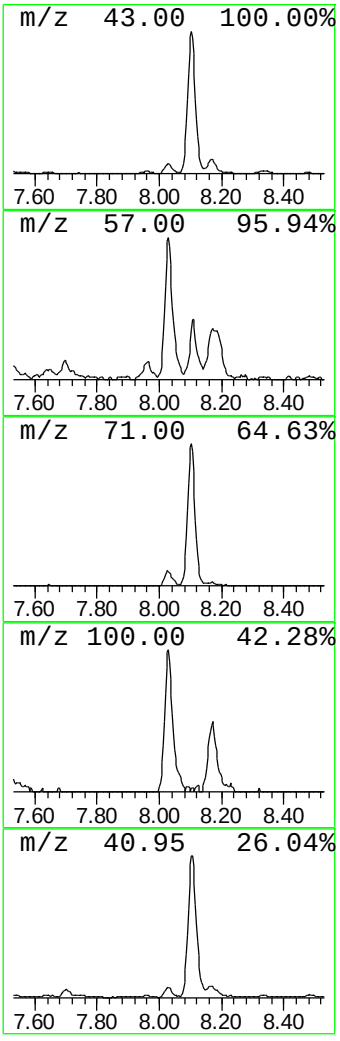
****

Peak Number 10 3-Hexanone Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.67 ug/L	59020	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Hexanone	100	C6H12O	000589-38-8	91
3	3-Hexanone	100	C6H12O	000589-38-8	91
4	3-Hexanone	100	C6H12O	000589-38-8	90
5	3-Hexanone	100	C6H12O	000589-38-8	78





Library Search Compound Report

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Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

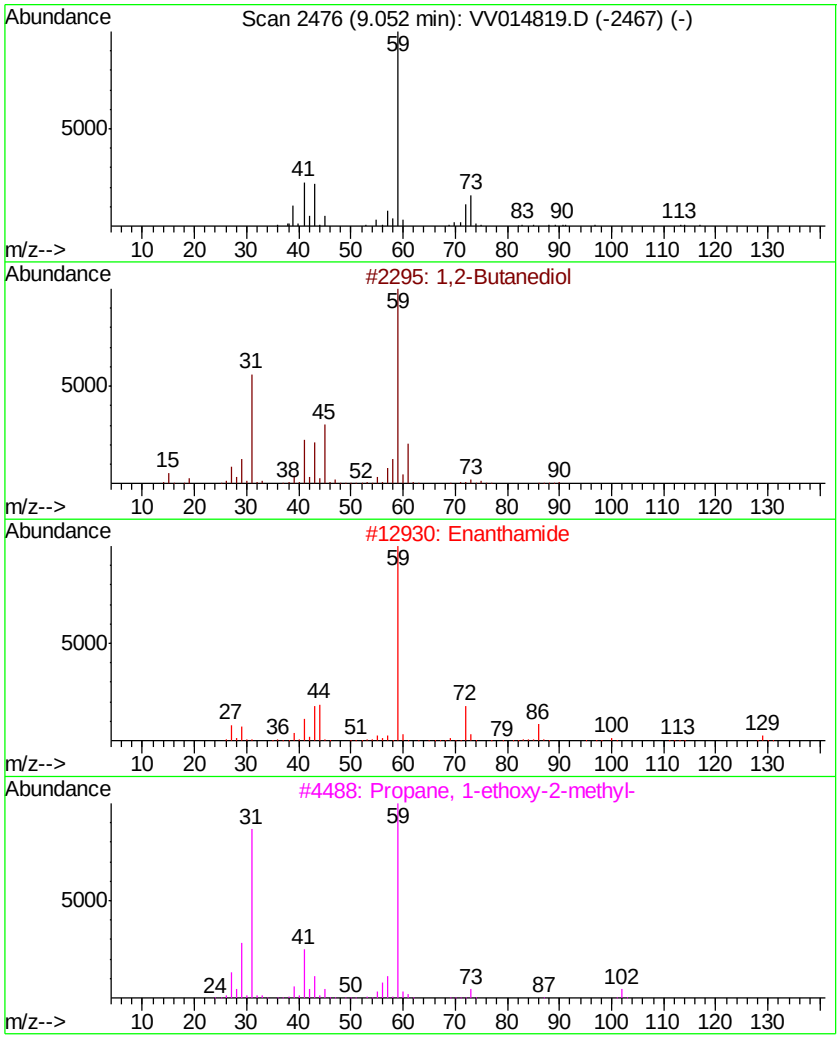
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

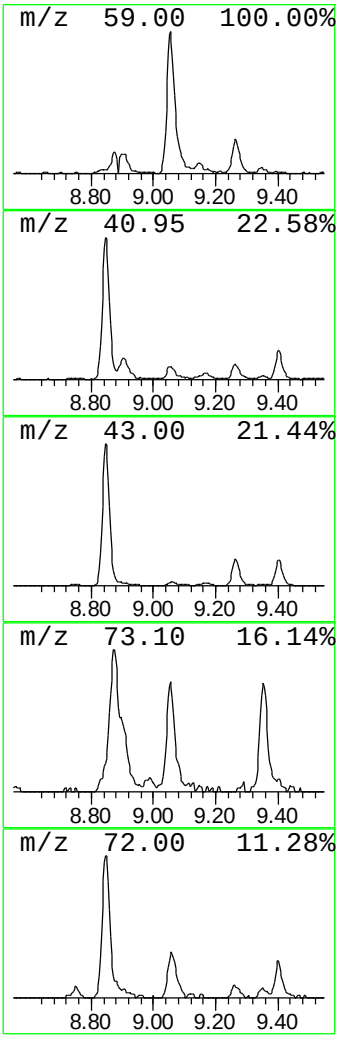
****

Peak Number 11 1,2-Butanediol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	3.73 ug/L	82416	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Butanediol	90	C4H10O2	000584-03-2	59
2	Enanthamide	129	C7H15NO	000628-62-6	50
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	45
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	45
5	1-(1-Methoxypropan-2-yloxy)propa...	190	C9H18O4	1000367-08-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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

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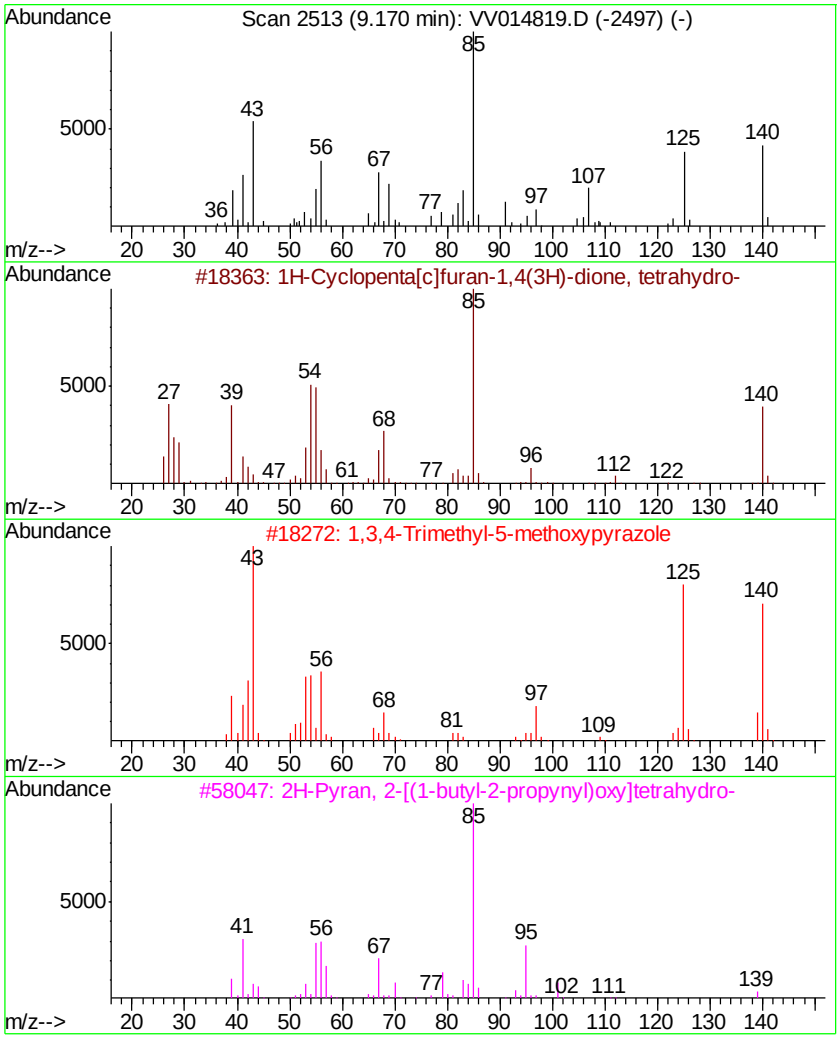
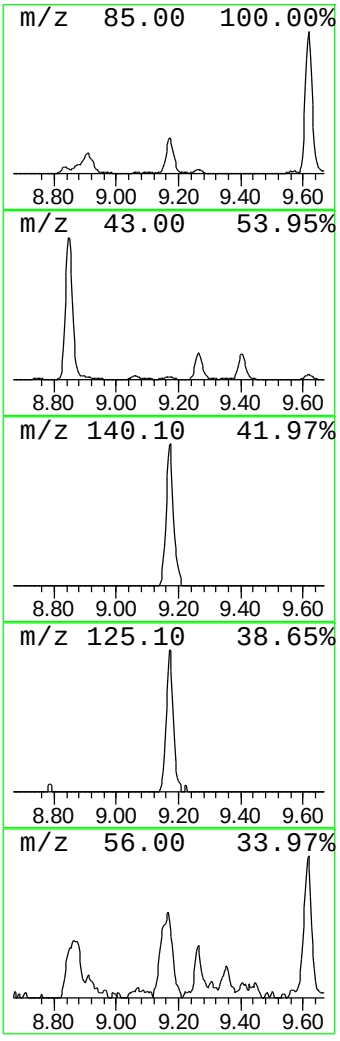
Peak Number 12 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.45 ug/L	76245	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[c]furan-1,4(3H)-di...	140	C7H8O3	127708-95-6	38
2	1,3,4-Trimethyl-5-methoxypyrazole	140	C7H12N2O	1000306-48-5	35
3	2H-Pyran, 2-[(1-butyl-2-propynyl...	196	C12H20O2	000831-83-4	32
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	27
5	1,1'-Bicyclopentyl-1,1'-diol	170	C10H18O2	005181-75-9	27





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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

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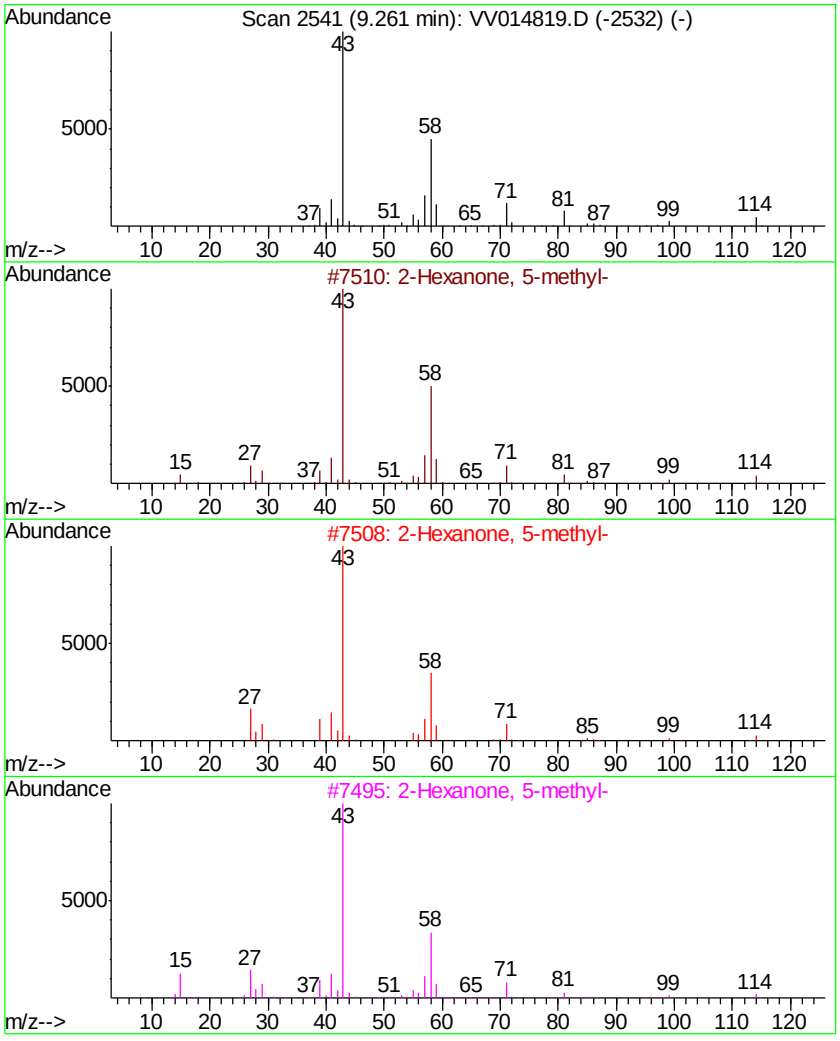
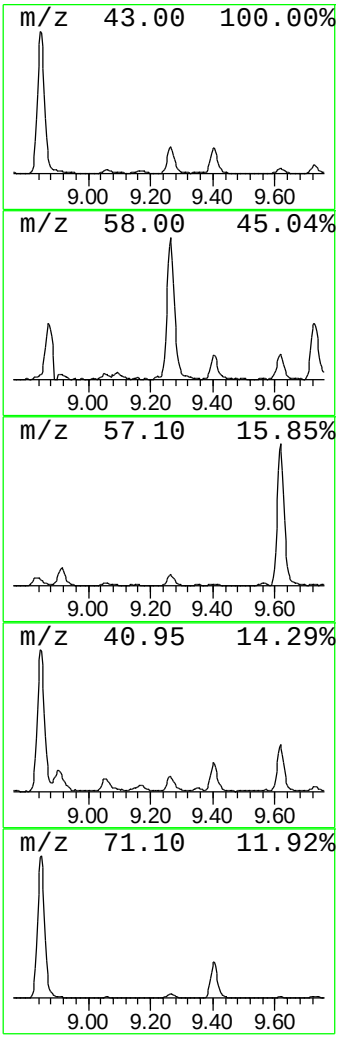
Peak Number 13 2-Hexanone, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	6.76 ug/L	149613	Chlorobenzene-d5	8.87

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	90
4	2-Heptanone	114	C7H14O	000110-43-0	80
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	72





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Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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

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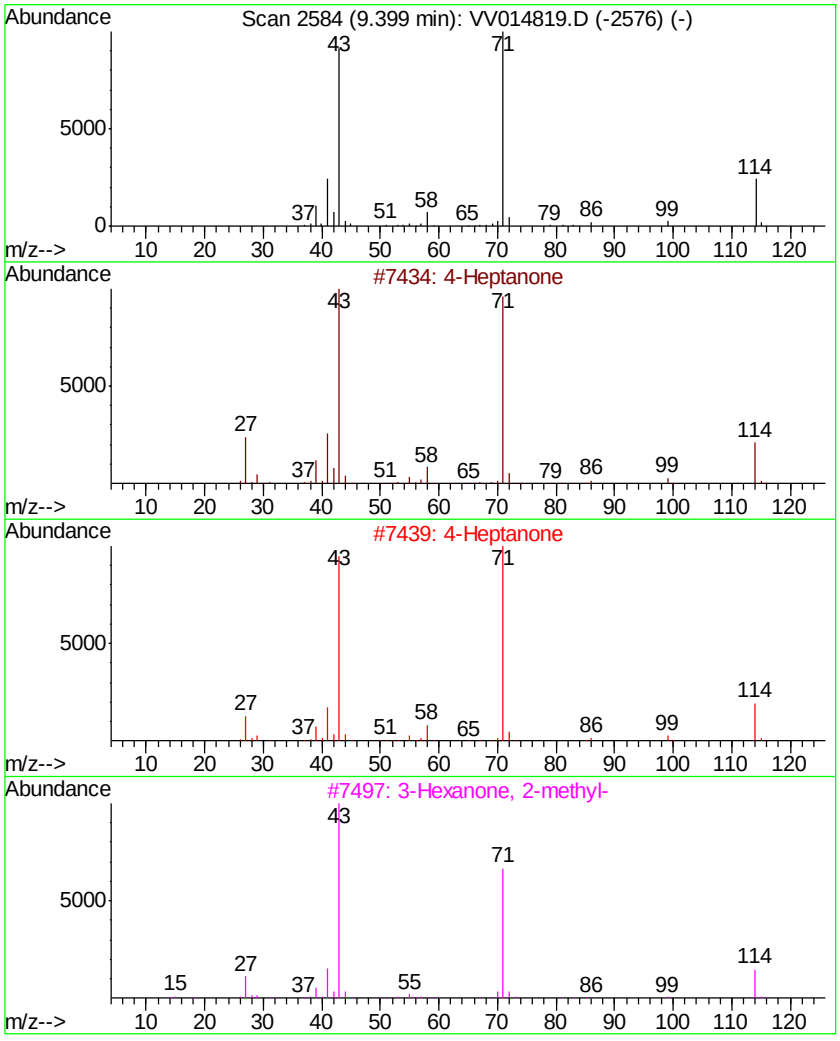
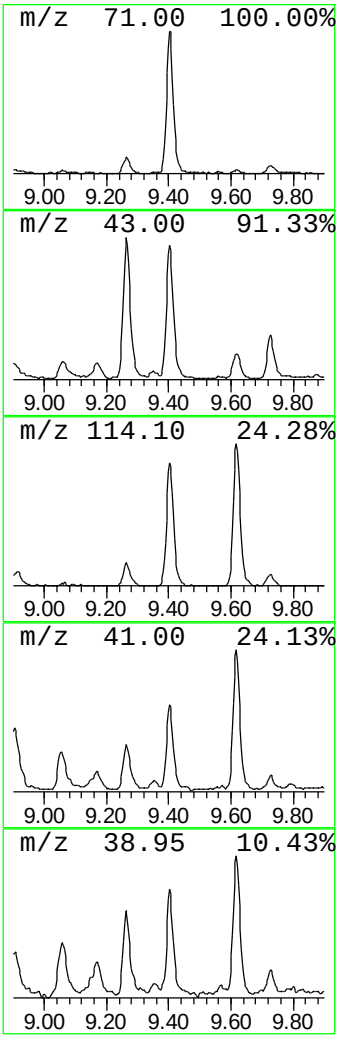
Peak Number 14 4-Heptanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	7.94 ug/L	175639	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	91
2	4-Heptanone	114	C7H14O	000123-19-3	90
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	86
4	4-Heptanone	114	C7H14O	000123-19-3	83
5	4-Heptanone	114	C7H14O	000123-19-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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

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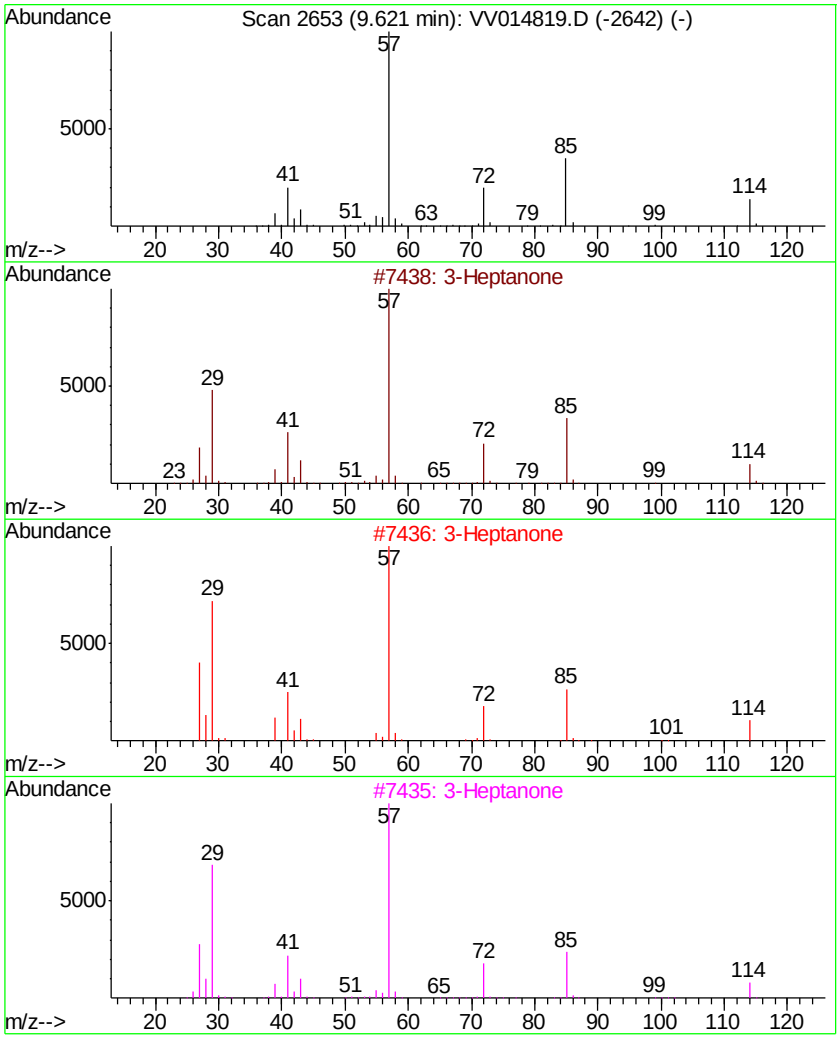
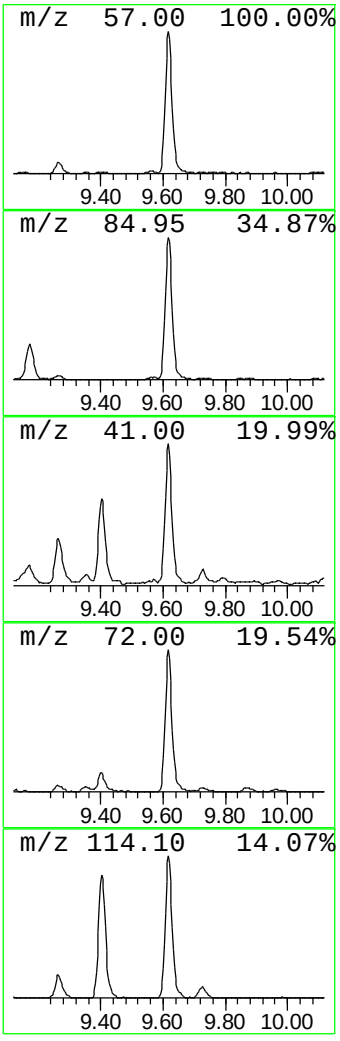
Peak Number 15 3-Heptanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	12.12 ug/L	268041	Chlorobenzene-d5	8.87

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	90
3	3-Heptanone	114	C7H14O	000106-35-4	90
4	3-Heptanone	114	C7H14O	000106-35-4	80
5	3,5-Octanedione, 2,2,4,7-tetrame...	198	C12H22O2	1000161-72-3	74





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Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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

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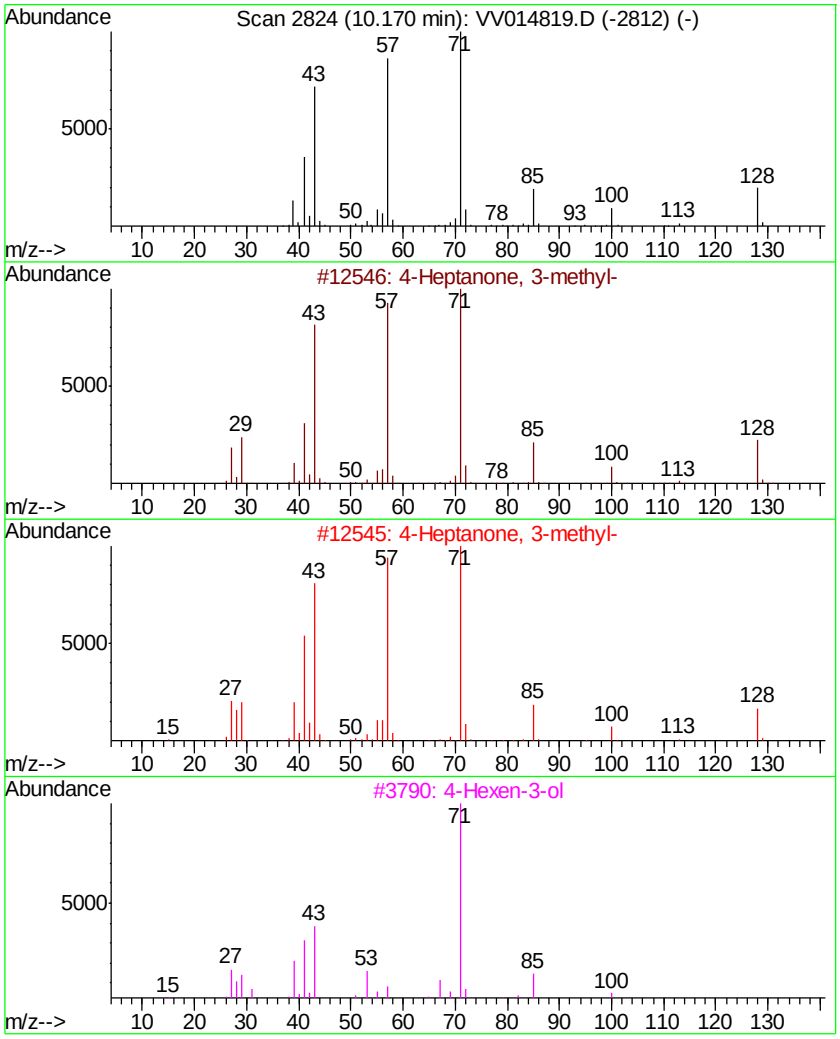
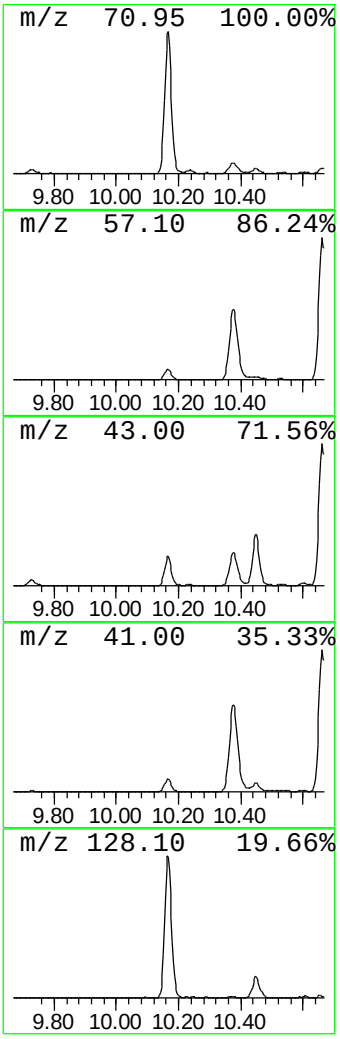
Peak Number 16 4-Heptanone, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	19.99 ug/L	461729	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	95
2	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	91
3	4-Hexen-3-ol	100	C6H12O	004798-58-7	53
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	53
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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

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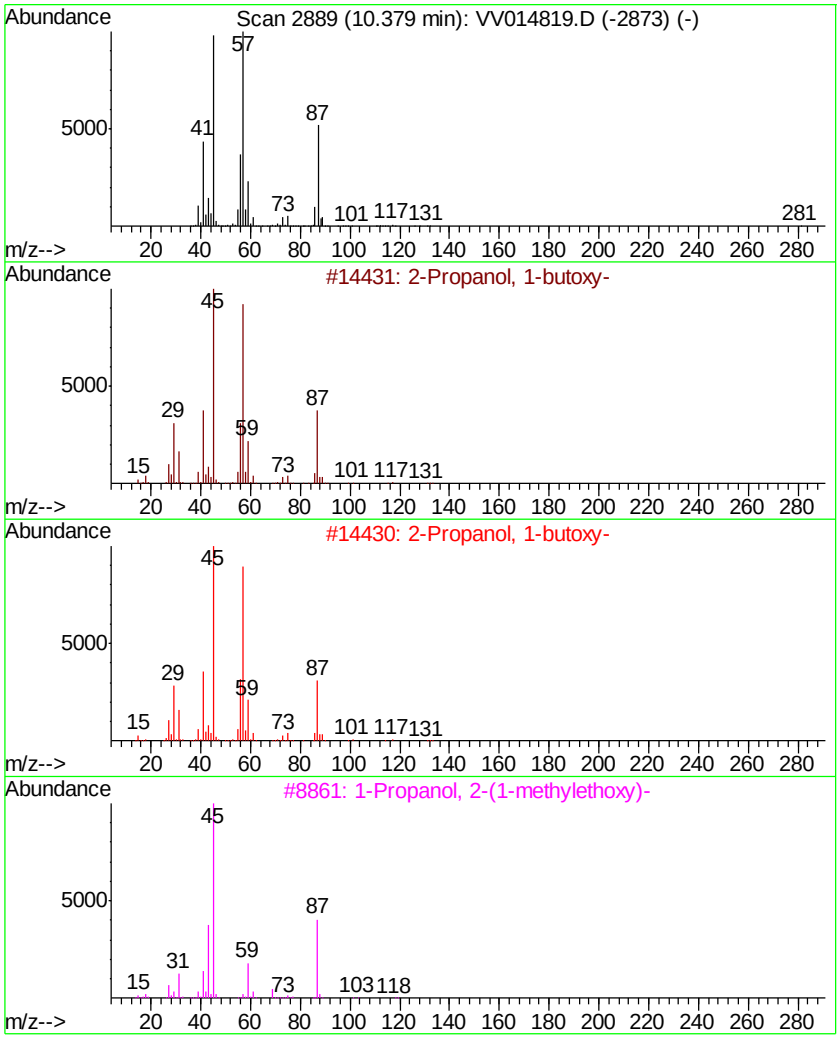
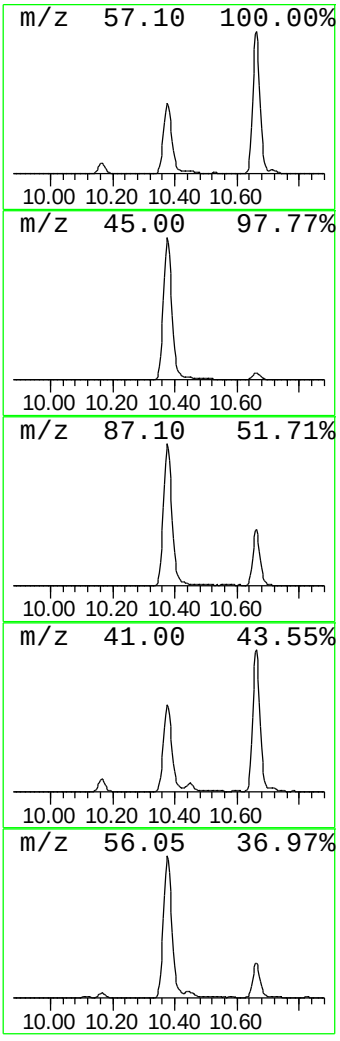
Peak Number 17 2-Propanol, 1-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	159.67 ug/L	3687830	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	83
3	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	53
4	4-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-79-2	53
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	53





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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

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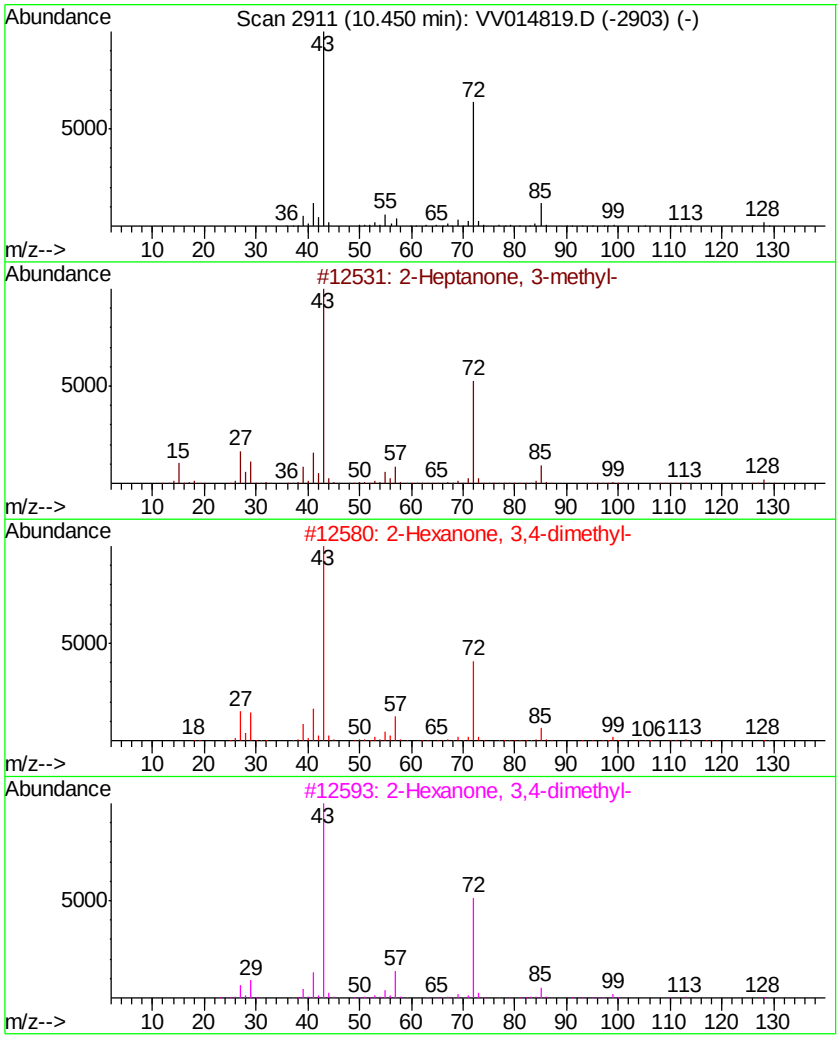
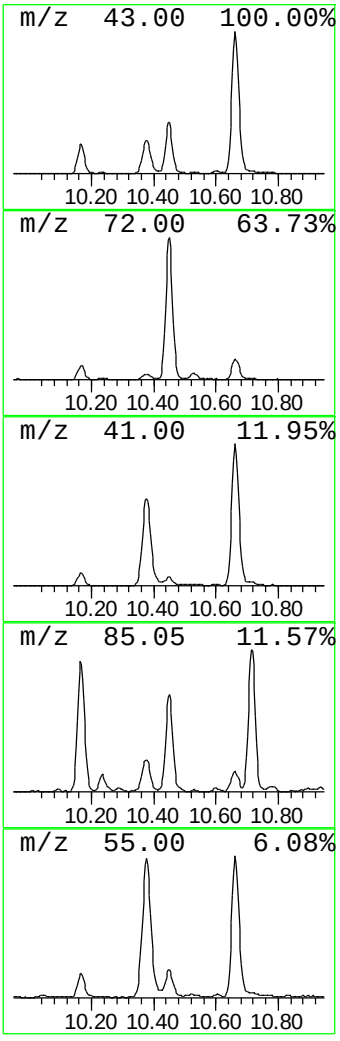
Peak Number 18 2-Heptanone, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	19.04 ug/L	439765	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 3-methyl-	128	C8H16O	002371-19-9	86
2	2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	56
3	2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	56
4	3,5-Dimethyl-2-octanone	156	C10H20O	019781-14-7	45
5	2-Heptanone, 3-methyl-	128	C8H16O	002371-19-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

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

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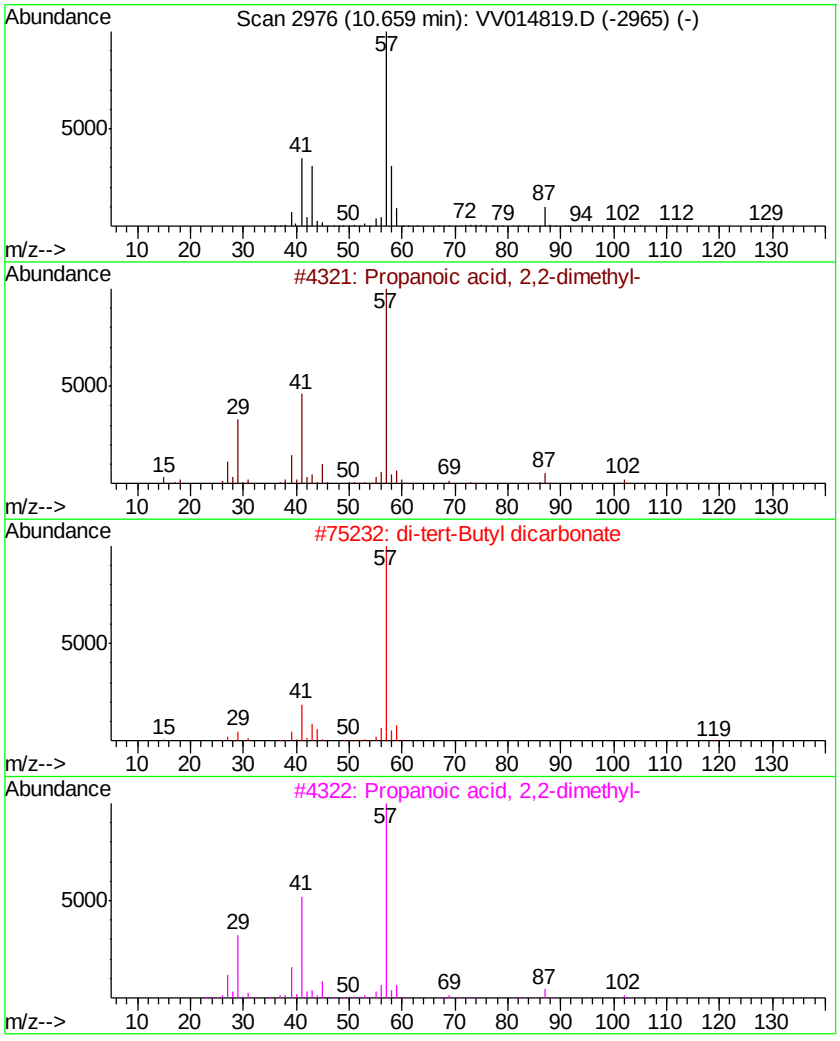
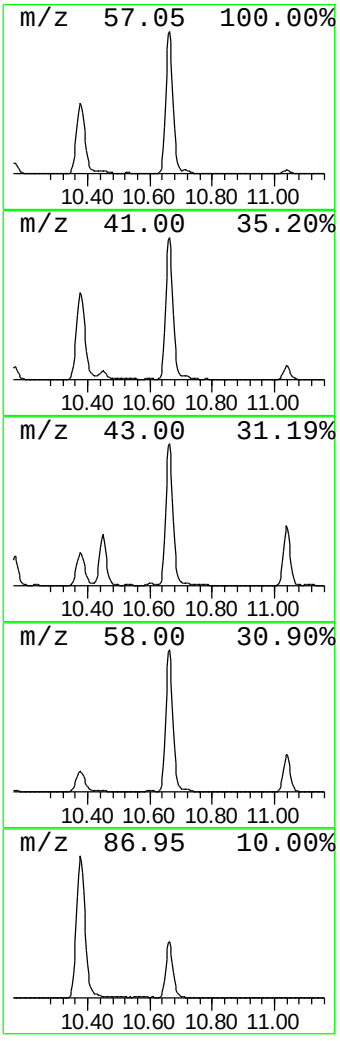
Peak Number 19 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	146.38 ug/L	3380910	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	33
2	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	9
4	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	9
5	1-Penten-3-ol, 4-methyl-	100	C6H12O	004798-45-2	9





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

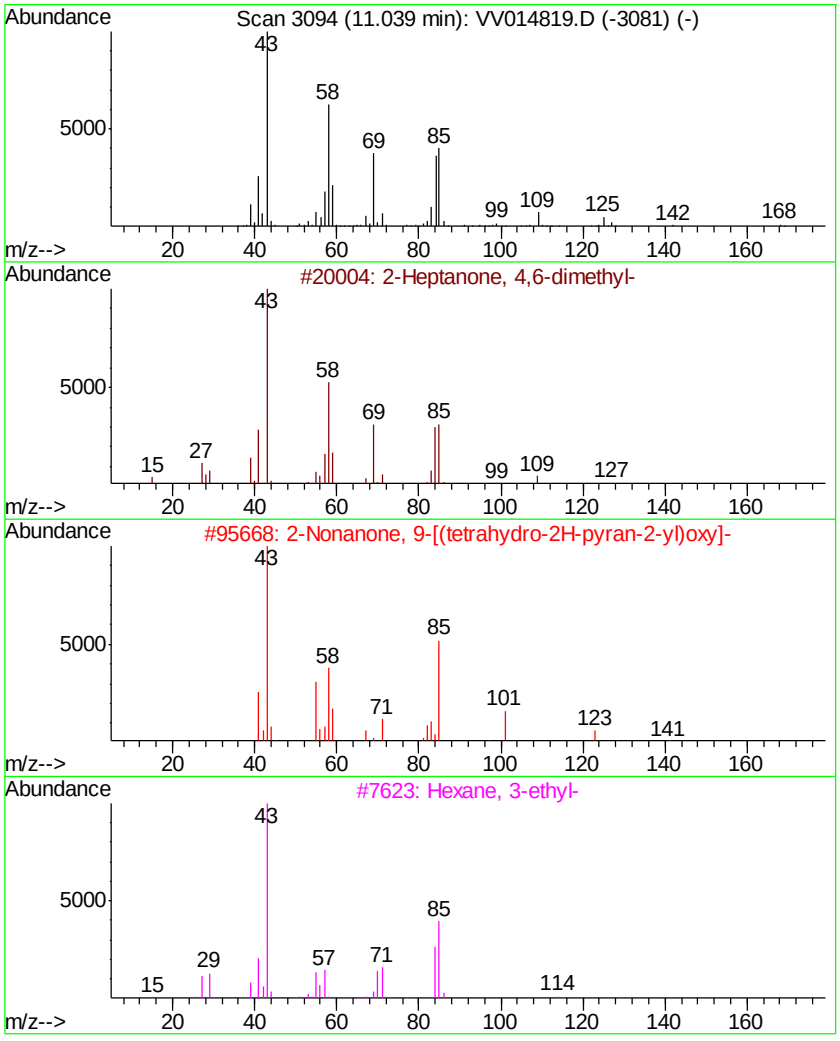
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

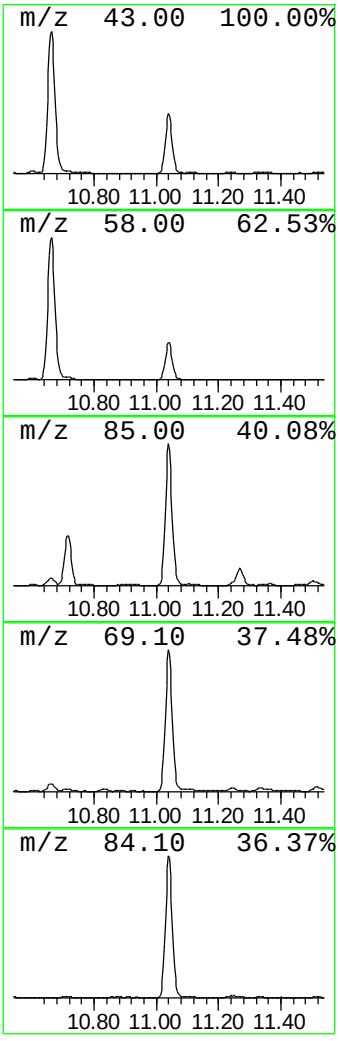
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	32.64 ug/L	753916	1,4-Dichlorobenzene-d4	11.27

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	40
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
4	3-Ethyl-3-methyl-2-pentanol	130	C8H18O	066576-22-5	37
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

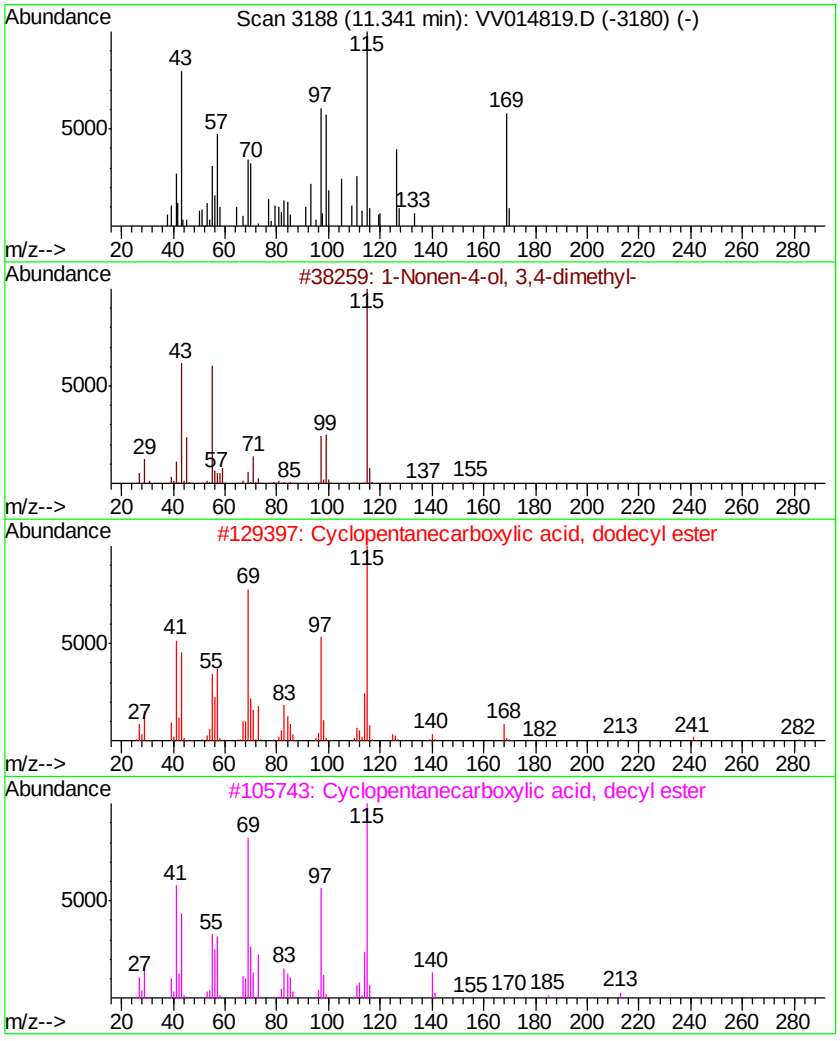
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

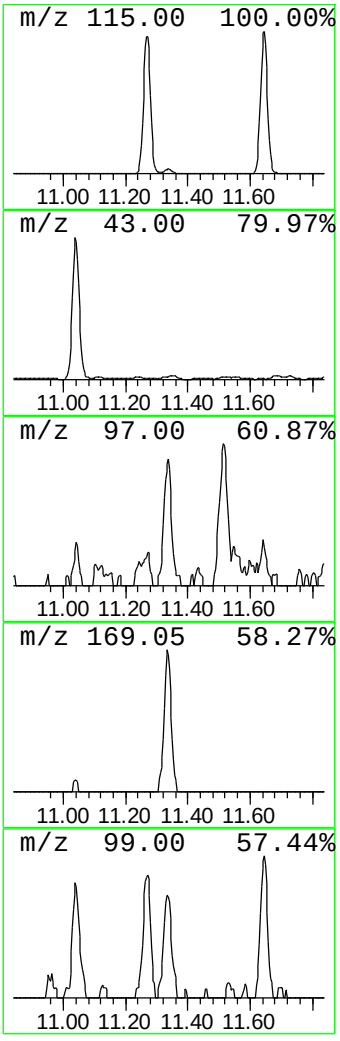
****

Peak Number 21 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.66 ug/L	61406	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonen-4-ol, 3,4-dimethyl-	170	C11H22O	1000164-23-5	25
2	Cyclopentanecarboxylic acid, dod...	282	C18H34O2	101885-15-8	17
3	Cyclopentanecarboxylic acid, dec...	254	C16H30O2	1000280-46-1	12
4	4,4-Dimethylheptanedioic acid	188	C9H16O4	005325-75-7	12
5	5-Hydroxymethylfurfural	126	C6H6O3	000067-47-0	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

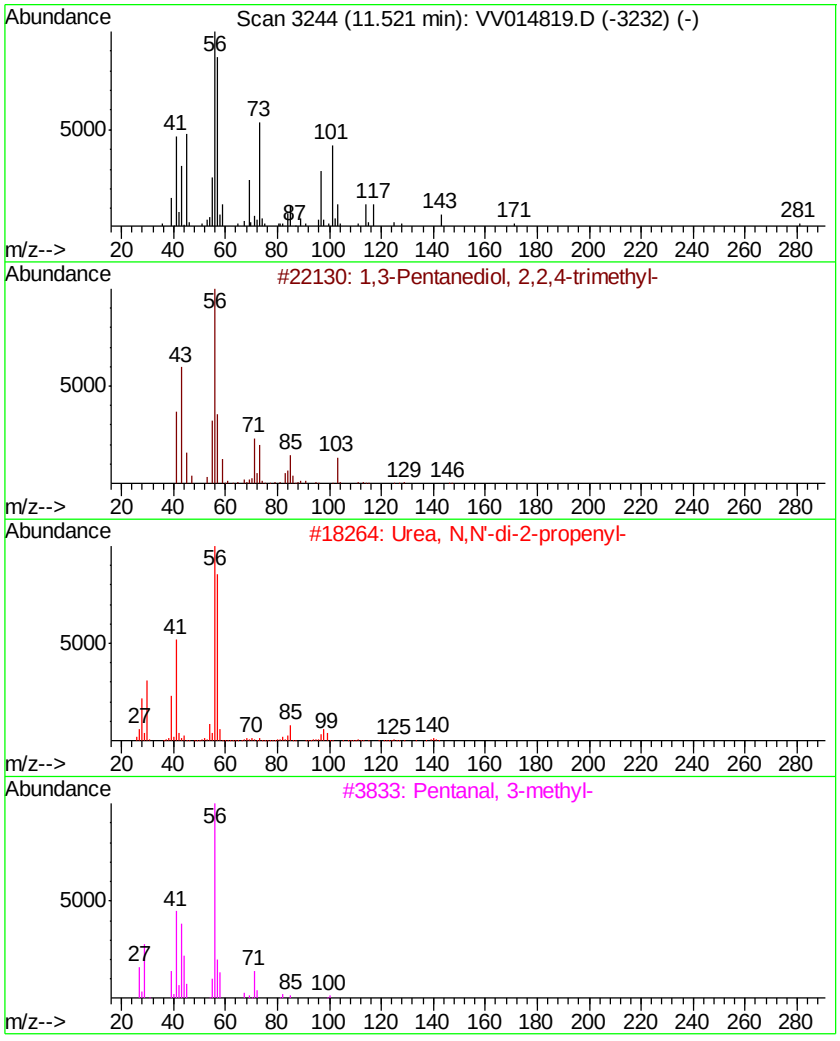
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

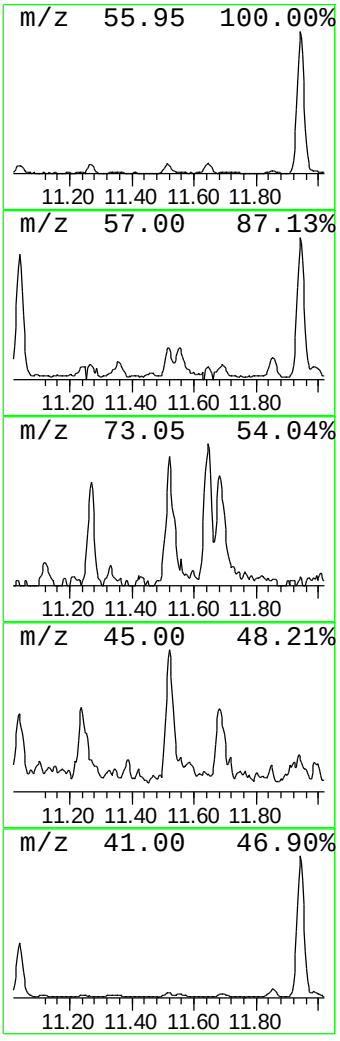
****

Peak Number 22 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	2.82 ug/L	65076	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
2	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35
3	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	27
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	25
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

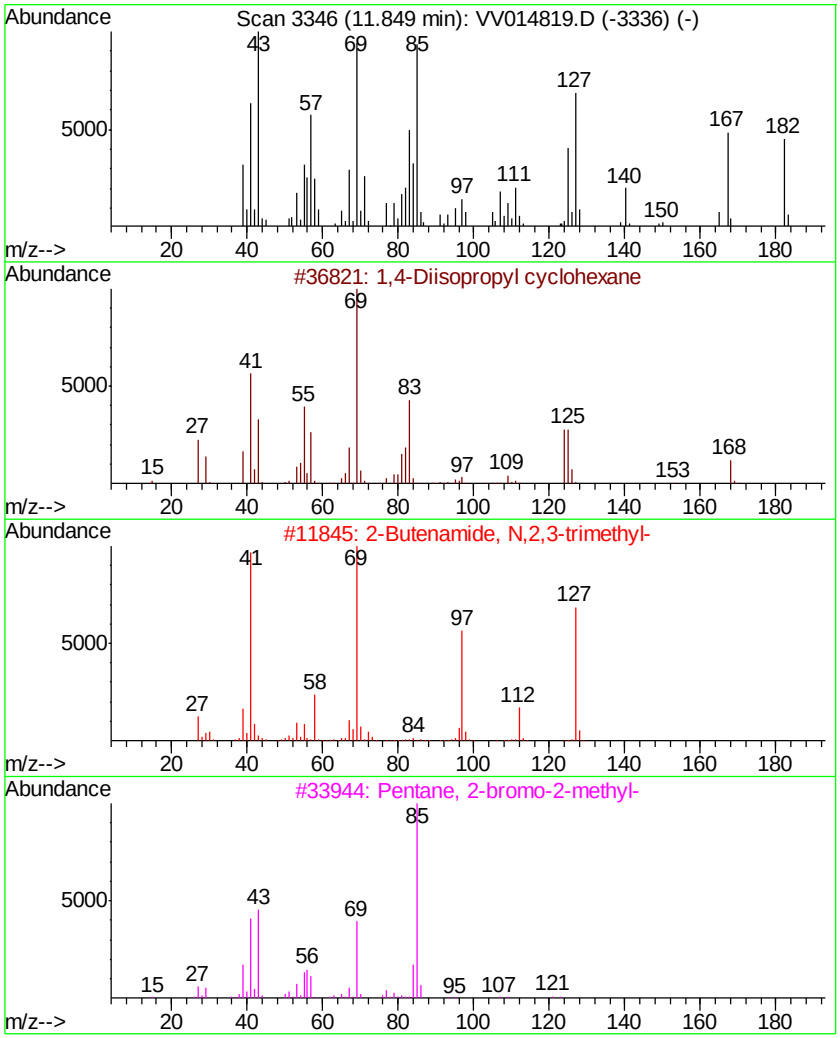
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

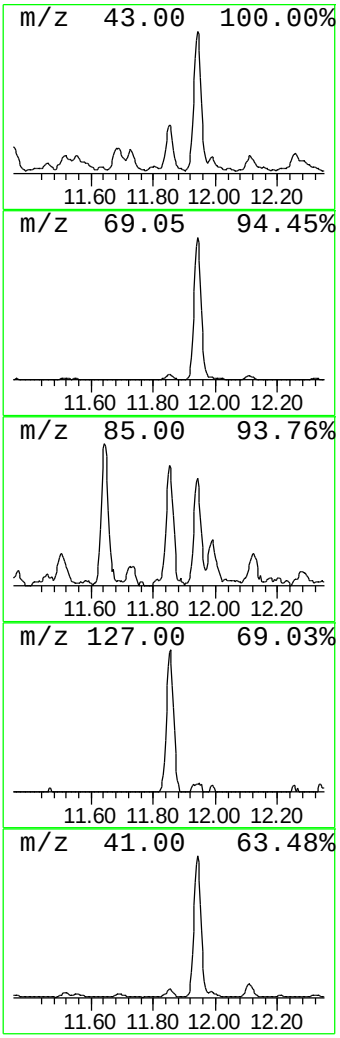
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.85 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.24 ug/L	120948	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Diisopropyl cyclohexane	168	C12H24	022907-72-8	30
2	2-Butenamide, N,2,3-trimethyl-	127	C7H13NO	001186-87-4	25
3	Pentane, 2-bromo-2-methyl-	164	C6H13Br	004283-80-1	25
4	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	22
5	3-Octen-2-one, 3-butyl-	182	C12H22O	032064-71-4	18





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

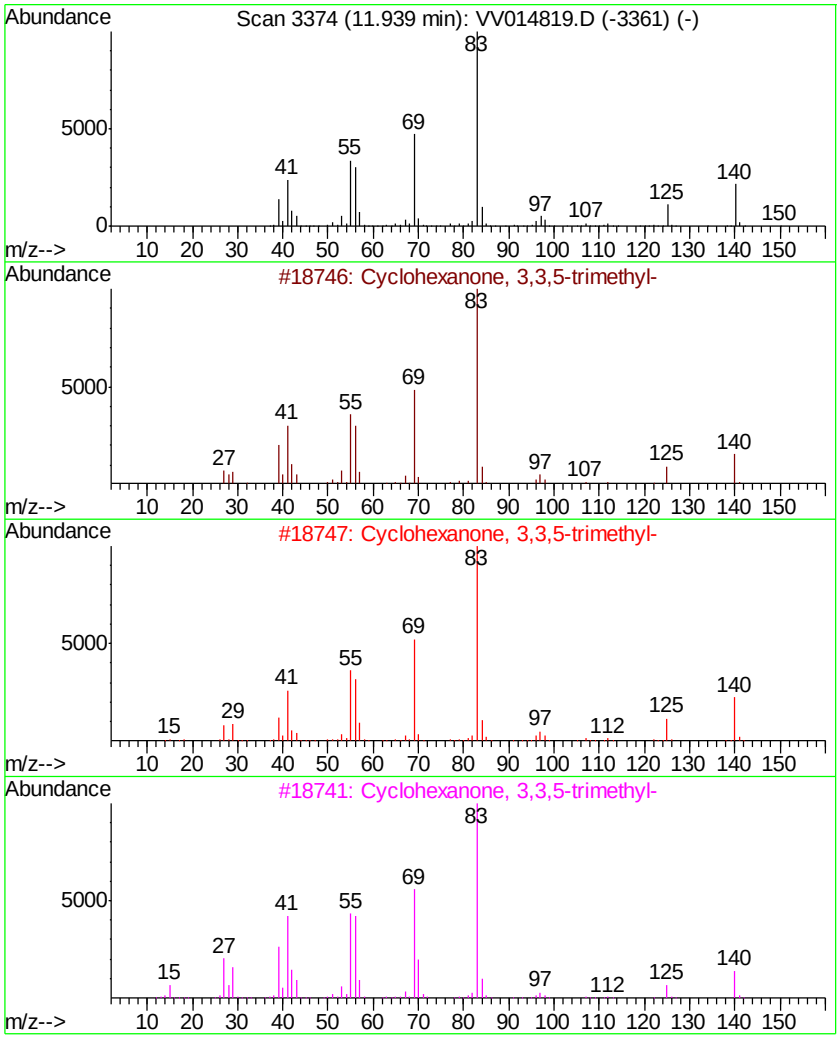
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

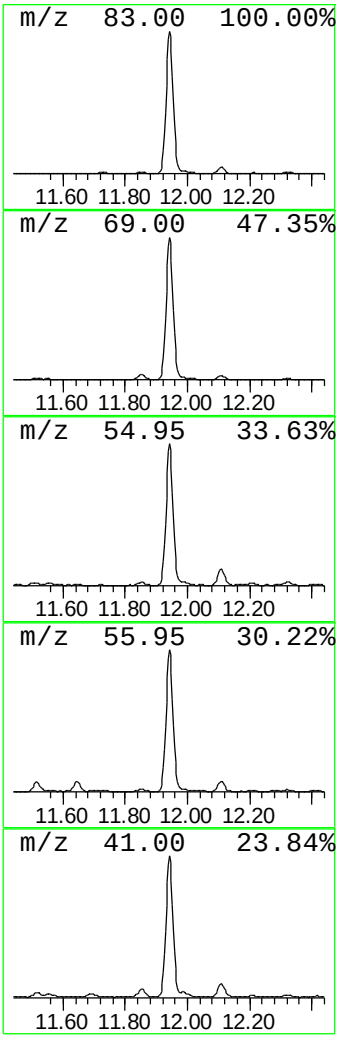
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclohexanone, 3,3,5-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	80.69 ug/L	1863600	1,4-Dichlorobenzene-d4	11.27

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	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

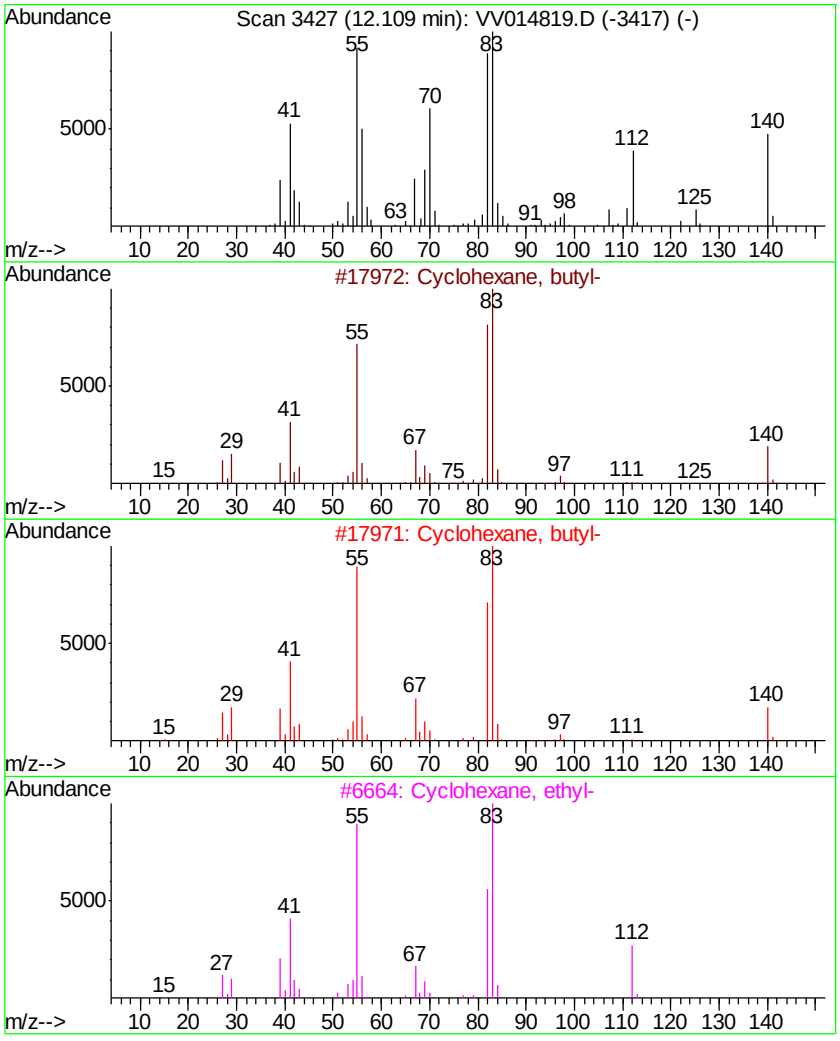
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

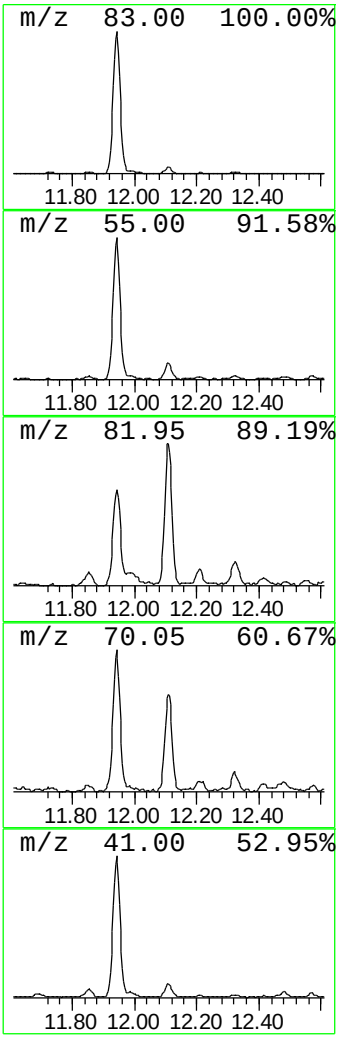
****

Peak Number 25 (DEL) Alkane: Cyclic12.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.48 ug/L	172860	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	38
5	2-Octene	112	C8H16	000111-67-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

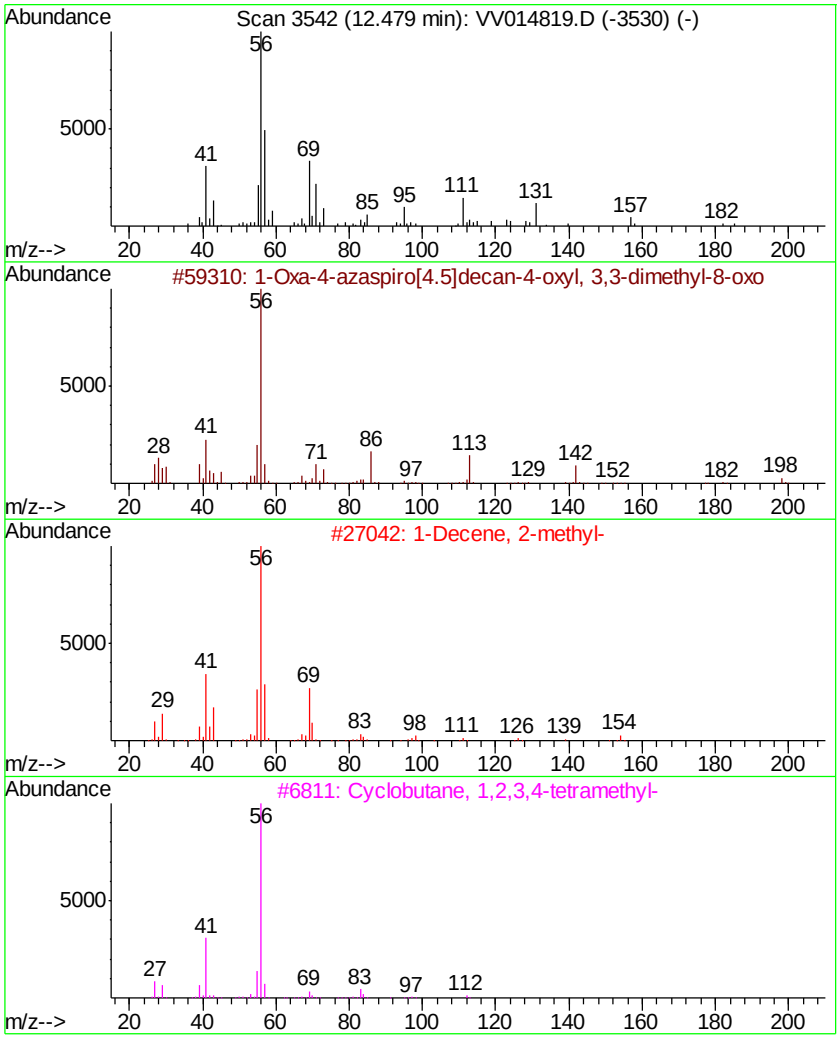
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

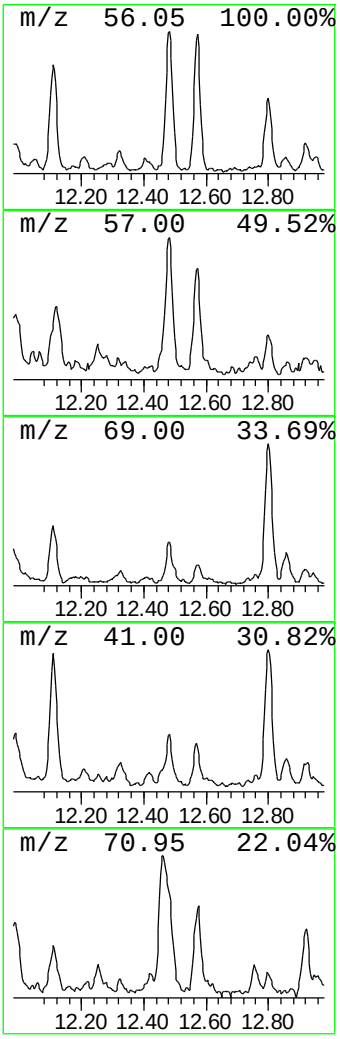
****

Peak Number 26 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.77 ug/L	87075	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Oxa-4-azaspiro[4.5]decan-4-oxy...	198	C10H16NO3	1000115-84-0	40
2	1-Decene, 2-methyl-	154	C11H22	013151-27-4	38
3	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	38
4	Nonane, 5-methylene-	140	C10H20	006795-79-5	38
5	Cyclobutanecarbonitrile, 3,3-dim...	109	C7H11N	053783-86-1	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

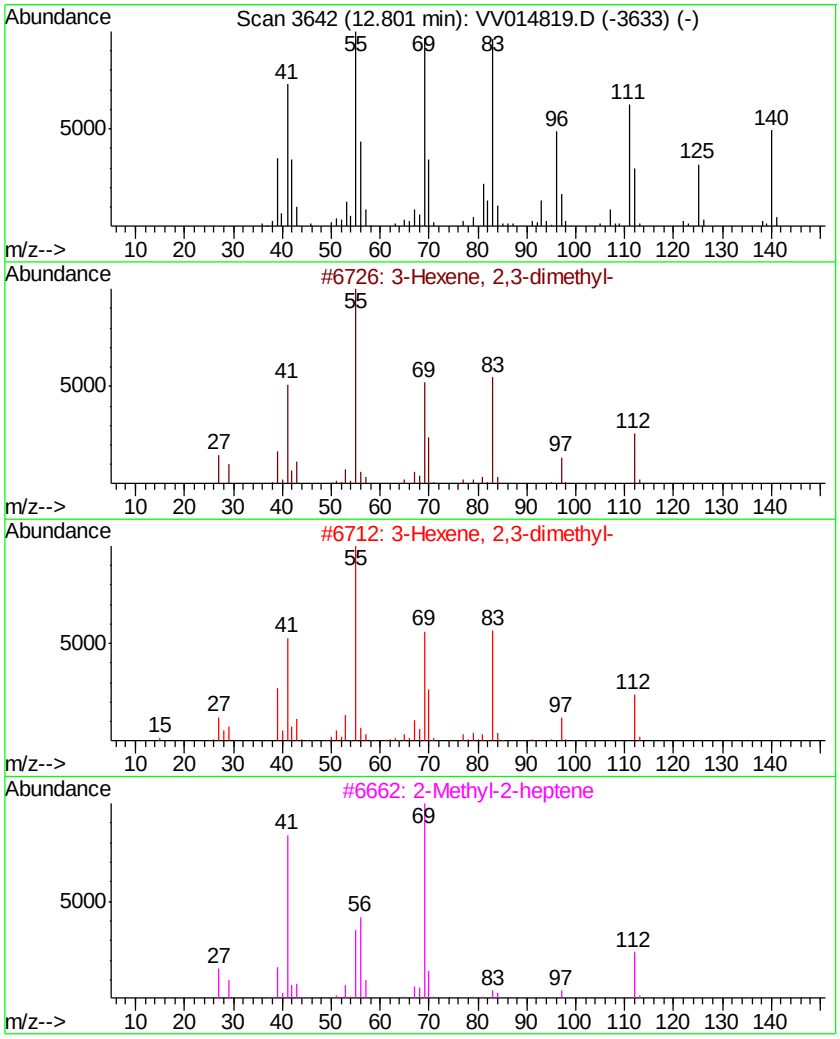
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

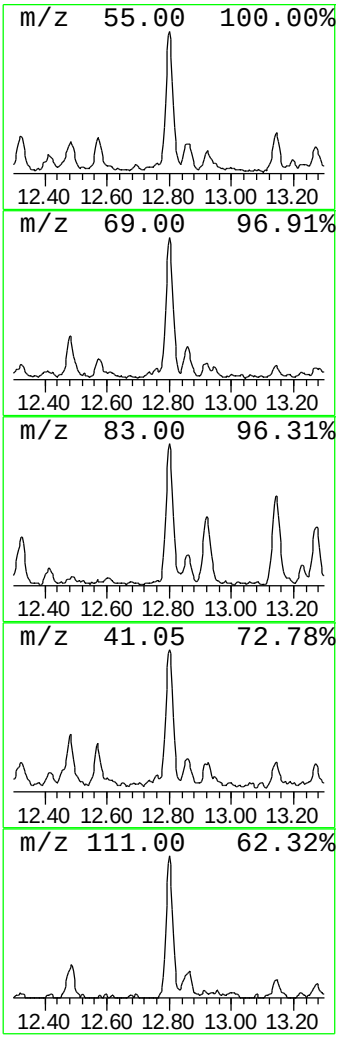
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	7.01 ug/L	161817	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	45
2	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	43
3	2-Methyl-2-heptene	112	C8H16	000627-97-4	38
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
5	1,3-Cyclohexanedione, 4,4-dimethyl-	140	C8H12O2	000562-46-9	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

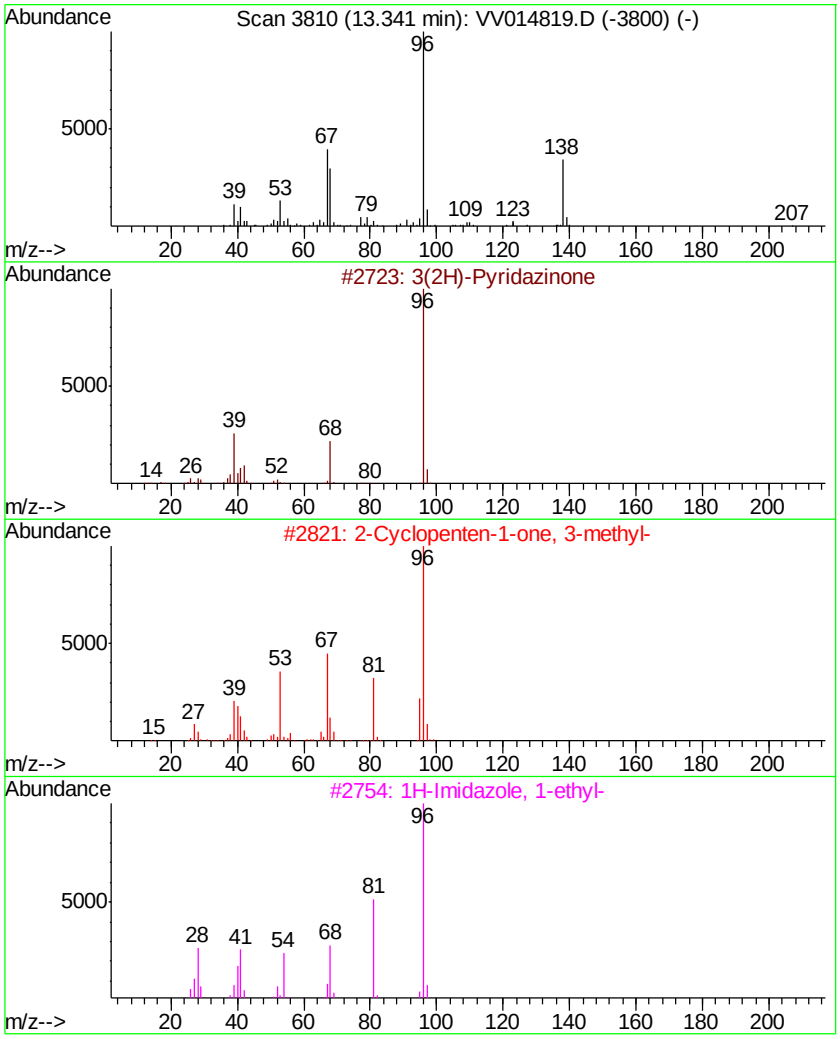
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

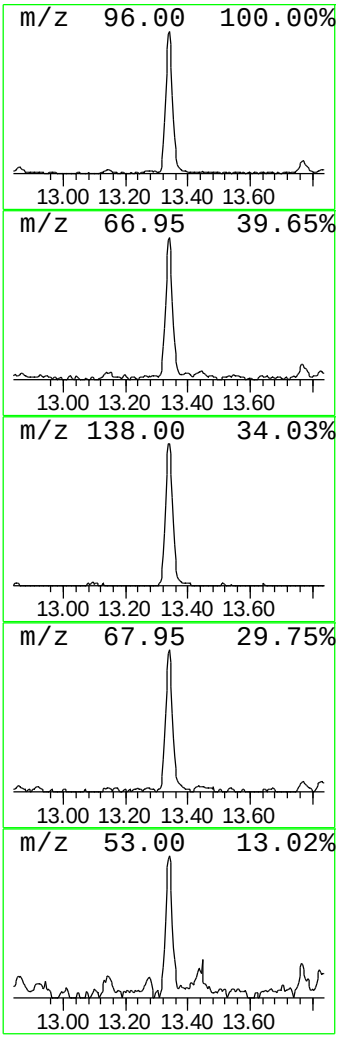
****

Peak Number 28 unknown-06 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	5.21 ug/L	120436	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Pyridazinone	96	C4H4N2O	000504-30-3	43
2	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	40
3	1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	38
4	3-Amino-1,2,4-triazine	96	C3H4N4	001120-99-6	37
5	3,5-Dimethylpyrazole	96	C5H8N2	000067-51-6	35





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

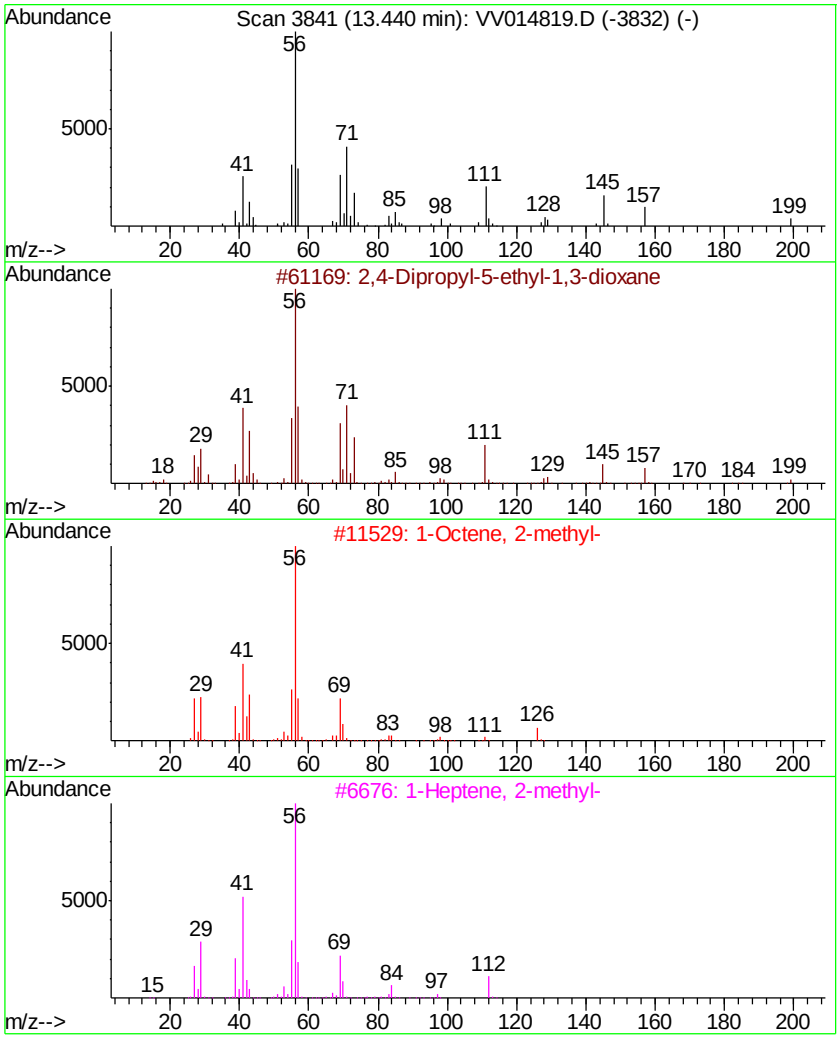
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

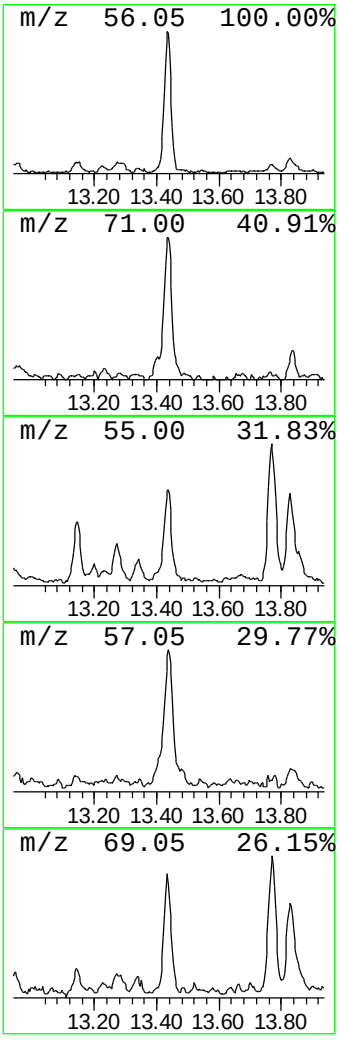
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.99 ug/L	115310	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	90
2	1-Octene, 2-methyl-	126	C9H18	004588-18-5	32
3	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	32
4	1-Octene, 2-methyl-	126	C9H18	004588-18-5	23
5	2-Methyl-1-nonene	140	C10H20	002980-71-4	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

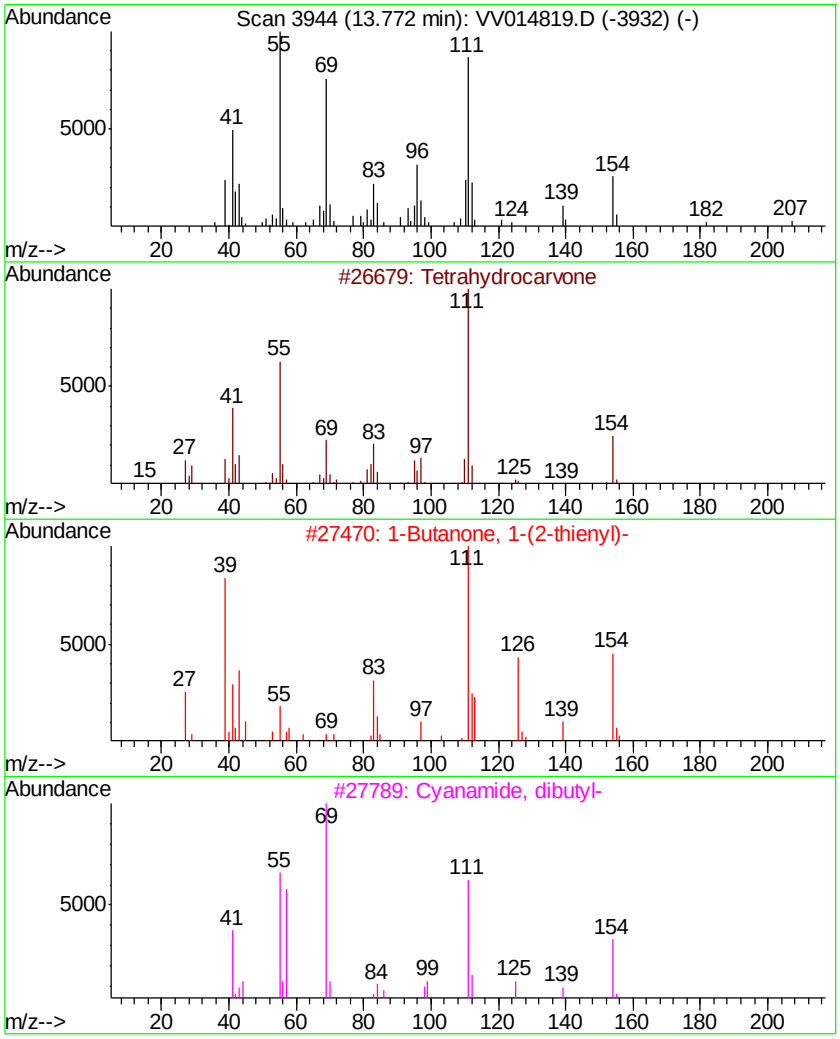
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

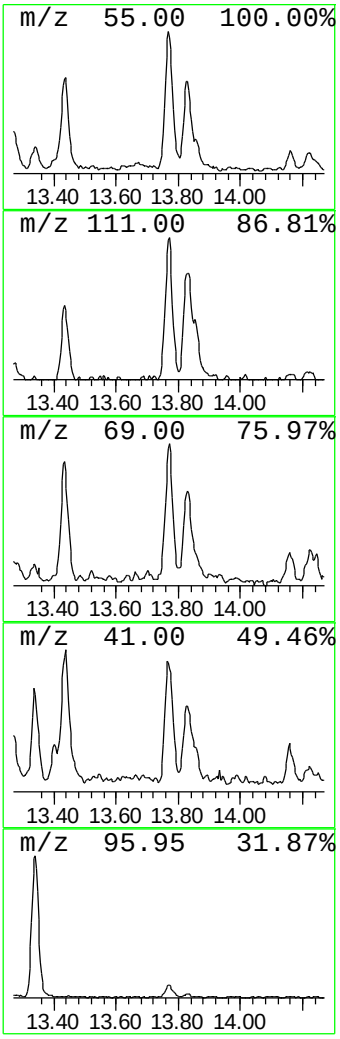
****

Peak Number 30 Tetrahydrocarvone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.38 ug/L	78143	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrocarvone	154	C10H18O	000499-70-7	68
2	1-Butanone, 1-(2-thienyl)-	154	C8H10OS	005333-83-5	64
3	Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	53
4	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	50
5	4a(2H)-Naphthalenol, octahydro-,...	154	C10H18O	001654-87-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

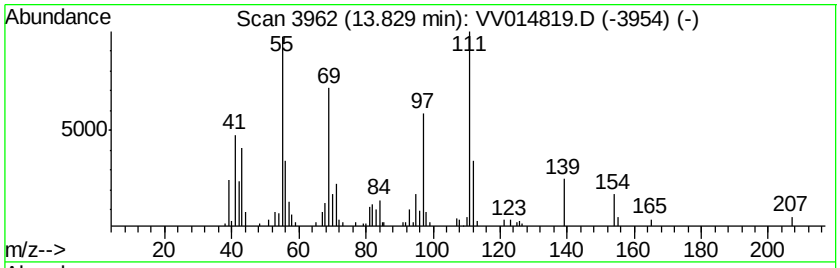
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

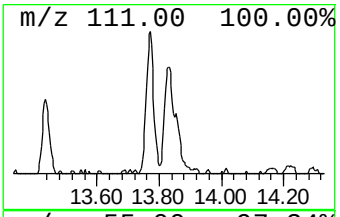
****

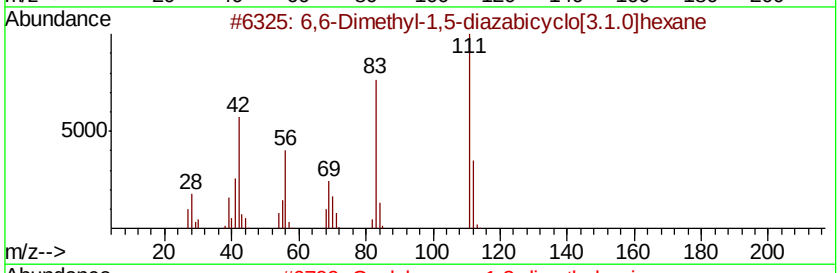
Peak Number 31 unknown-07 Concentration Rank 28

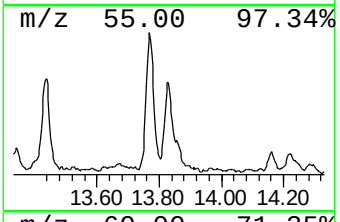
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.33 ug/L	76892	1,4-Dichlorobenzene-d4	11.27

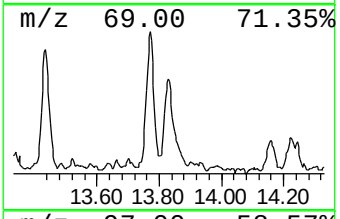
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	104518-69-6	43
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	38
3	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	38
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	35
5	4-Pyridinol-1-oxide	111	C5H5NO2	006890-62-6	30

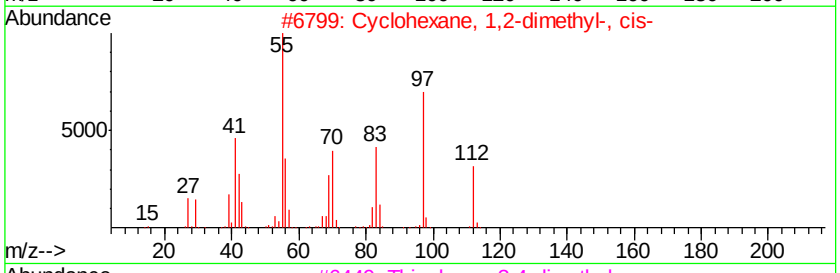


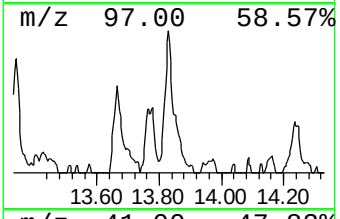


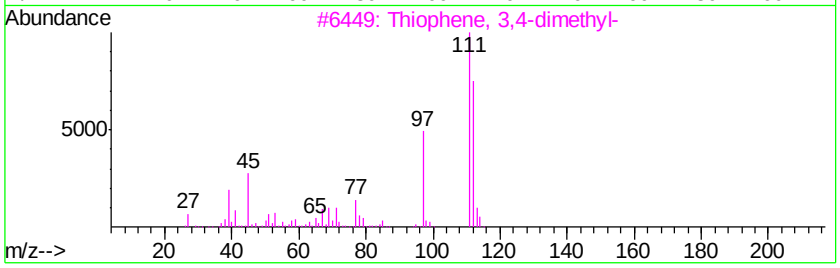


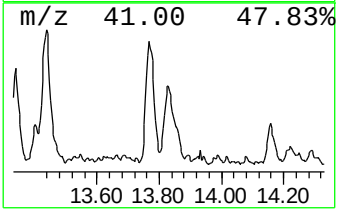












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031020\
Data File : VV014819.D
Acq On : 10 Mar 2020 22:16
Operator : SY/MD
Sample : L1840-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBET0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.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
Dimethyl ether	1.22	4.9	ug/L	85798	1	5.64	876387	50.0
Ethane, methoxy-	1.48	8.6	ug/L	151299	1	5.64	876387	50.0
Butanal	3.73	23.9	ug/L	418832	1	5.64	876387	50.0
1,3-Dioxolane, 4-...	5.27	6.9	ug/L	121306	1	5.64	876387	50.0
2-Pentanone	5.56	4.1	ug/L	71982	1	5.64	876387	50.0
3-Pentanone, 2-me...	7.39	9.7	ug/L	215187	2	8.87	1106240	50.0
2-Pentanone, 3-me...	7.50	3.5	ug/L	76493	2	8.87	1106240	50.0
3-Hexanone	8.03	2.7	ug/L	59020	2	8.87	1106240	50.0
1,2-Butanediol	9.05	3.7	ug/L	82416	2	8.87	1106240	50.0
unknown-01	9.17	3.5	ug/L	76245	2	8.87	1106240	50.0
2-Hexanone, 5-met...	9.26	6.8	ug/L	149613	2	8.87	1106240	50.0
4-Heptanone	9.40	7.9	ug/L	175639	2	8.87	1106240	50.0
3-Heptanone	9.62	12.1	ug/L	268041	2	8.87	1106240	50.0
4-Heptanone, 3-me...	10.17	20.0	ug/L	461729	3	11.27	1154820	50.0
2-Propanol, 1-but...	10.38	159.7	ug/L	3687830	3	11.27	1154820	50.0
2-Heptanone, 3-me...	10.45	19.0	ug/L	439765	3	11.27	1154820	50.0
unknown-02	10.66	146.4	ug/L	3380910	3	11.27	1154820	50.0
2-Heptanone, 4,6-...	11.04	32.6	ug/L	753916	3	11.27	1154820	50.0
unknown-03	11.34	2.7	ug/L	61406	3	11.27	1154820	50.0
unknown-04	11.52	2.8	ug/L	65076	3	11.27	1154820	50.0
(DEL) Alkane: Cyc...	11.85	5.2	ug/L	120948	3	11.27	1154820	50.0
Cyclohexanone, 3,...	11.94	80.7	ug/L	1863600	3	11.27	1154820	50.0
(DEL) Alkane: Cyc...	12.11	7.5	ug/L	172860	3	11.27	1154820	50.0
unknown-05	12.48	3.8	ug/L	87075	3	11.27	1154820	50.0
(DEL) Alkane: Str...	12.80	7.0	ug/L	161817	3	11.27	1154820	50.0
unknown-06	13.34	5.2	ug/L	120436	3	11.27	1154820	50.0
2,4-Dipropyl-5-et...	13.44	5.0	ug/L	115310	3	11.27	1154820	50.0
Tetrahydrocarvone	13.77	3.4	ug/L	78143	3	11.27	1154820	50.0
unknown-07	13.83	3.3	ug/L	76892	3	11.27	1154820	50.0