LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

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\SFAMVLM022822WMA.M
Title : VOC Analysis

Signal : TIC: VV024923.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.211	50	53	58	rBV	2937	2457	0.12%	0.023%
2	1.240	59	62	75	rVB2	4652	5035	0.25%	0.047%
3	1.307	75	83	101	rVB	248414	306524	15.23%	2.835%
4	1.568	156	164	186	rVB	147901	214001	10.63%	1.979%
5	2.085	315	325	338	rBV	464467	657953	32.68%	6.086%
6	2.272	376	383	394	rVB	9401	13693	0.68%	0.127%
7	2.394	418	421	425	rVB3	411	264	0.01%	0.002%
8	2.497	446	453	464	rVB4	3360	5649	0.28%	0.052%
9	2.934	586	589	594	rVV2	179	198	0.01%	0.002%
10	3.027	615	618	622	rVB2	274	215	0.01%	0.002%
11	3.336	708	714	717	rBV2	189	236	0.01%	0.002%
12	3.905	880	891	950	rBV2	73133	367464	18.25%	3.399%
13	4.342	1011	1027	1060	rVB	301432	770751	38.29%	7.129%
14	4.654	1121	1124	1128	rBV3	266	284	0.01%	0.003%
15	4.764	1155	1158	1163	rVB3	292	276	0.01%	0.003%
16	5.040	1227	1244	1278	rBV2	814677	2013184	100.00%	18.621%
17	5.336	1327	1336	1354	rBV5	4619	13276	0.66%	0.123%
18	5.493	1381	1385	1390	rBV3	412	381	0.02%	0.004%
19	5.545	1396	1401	1403	rBV3	339	308	0.02%	0.003%
20	5.628	1418	1427	1443	rVV2	4352	9501	0.47%	0.088%
21	5.702	1446	1450	1453	rVB2	252	222	0.01%	0.002%
22	5.773	1465	1472	1478	rBV3	283	361	0.02%	0.003%
23	5.821	1482	1487	1492	rBV2	242	264	0.01%	0.002%
24	5.902	1501	1512	1534	rBV2	32046	71068	3.53%	0.657%
25	5.995	1534	1541	1549	rVV7	2206	3559	0.18%	0.033%
26	6.066	1550	1563	1593	rVV	412964	879317	43.68%	8.133%
27	6.207	1604	1607	1610	rBV3	461	380	0.02%	0.004%
28	6.368	1655	1657	1663	rVB2	306	270	0.01%	0.002%
29	6.551	1711	1714	1721	rVB2	448	464	0.02%	0.004%
30	6.587	1721	1725	1727	rBV	359	278	0.01%	0.003%
31	6.645	1733	1743	1754	rBV8	2057	4705	0.23%	0.044%
32	6.905	1816	1824	1831	rBV2	364	533	0.03%	0.005%
33	6.985	1838	1849	1883	rBV	212866	435257	21.62%	4.026%
34	7.313	1938	1951	1970	rBV	919539	1670737	82.99%	15.453%
35	7.571	2028	2031	2034	rBV	435	275	0.01%	0.003%
36	7.622	2036	2047	2084	rVV	128597	284040	14.11%	2.627%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

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\SFAMVLM022822WMA.M
Title : VOC Analysis

37	7.905	2128	2135	2138	rBV2	215	247	0.01%	0.002%
38	8.037	2173	2176	2180	rVB2	250	199	0.01%	0.002%
39	8.124	2180	2203	2241	rBV2	211822	785473	39.02%	7.265%
40	8.336	2267	2269	2272	rVB3	551	347	0.02%	0.003%
41	8.355	2272	2275	2276	rBV2	434	250	0.01%	0.002%
42	8.471	2305	2311	2315	rBV3	359	424	0.02%	0.004%
43	8.532	2327	2330	2333	rBV2	295	221	0.01%	0.002%
44	8.628	2355	2360	2366	rBV3	509	589	0.03%	0.005%
45	8.744	2389	2396	2399	rBV3	257	306	0.02%	0.003%
46	8.866	2424	2434	2454	rBV3	8399	17604	0.87%	0.163%
47	9.008	2473	2478	2481	rBV2	218	202	0.01%	0.002%
48	9.146	2517	2521	2522	rBV2	517	330	0.02%	0.003%
49	9.201	2535	2538	2543	rBV	193	198	0.01%	0.002%
50	9.352	2578	2585	2588	rBV	164	221	0.01%	0.002%
51	9.445	2607	2614	2617	rBV	280	234	0.01%	0.002%
52	9.464	2617	2620	2627	rVB	298	389	0.02%	0.004%
53	9.506	2627	2633	2636	rBV2	192	220	0.01%	0.002%
54	9.673	2682	2685	2688	rBV2	339	305	0.02%	0.003%
55	9.914	2756	2760	2770	rBV2	237	322	0.02%	0.003%
56	10.127	2818	2826	2836	rVB2	6644	10125	0.50%	0.094%
57	10.223	2842	2856	2873	rBV	468515	830968	41.28%	7.686%
58	10.461	2927	2930	2934	rVB3	271	204	0.01%	0.002%
59	10.580	2956	2967	2975	rBV6	4589	8146	0.40%	0.075%
60	10.660	2986	2992	3001	rVB3	1008	1182	0.06%	0.011%
61	10.773	3024	3027	3030	rBV2	346	244	0.01%	0.002%
62	10.828	3038	3044	3051	rBV5	821	1256	0.06%	0.012%
63	10.863	3051	3055	3057	rVV	352	298	0.01%	0.003%
64	10.876	3057	3059	3062	rVV	667	432	0.02%	0.004%
65	10.918	3062	3072	3085	rVB3	5311	8652	0.43%	0.080%
66	11.033	3102	3108	3115	rVB3	1230	1558	0.08%	0.014%
67	11.146	3134	3143	3151	rBV2	3045	4797	0.24%	0.044%
68	11.201	3156	3160	3167	rBV3	531	667	0.03%	0.006%
69	11.258	3168	3178	3193	rBV	12731	21413	1.06%	0.198%
70	11.320	3193	3197	3205	rVB4	1013	1363	0.07%	0.013%
71	11.384	3209	3217	3224	rBV6	2855	4949	0.25%	0.046%
72	11.426	3224	3230	3239	rVB3	4171	6142	0.31%	0.057%
73	11.548	3264	3268	3271	rBV	432	340	0.02%	0.003%
74	11.625	3280	3292	3315	rBV	855766	1351241	67.12%	12.498%
75	11.728	3320	3324	3330	rVB3	1083	1216	0.06%	0.011%
76	11.786	3334	3342	3349	rVB6	2090	3101	0.15%	0.029%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

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\SFAMVLM022822WMA.M
Title : VOC Analysis

77	11.850	3354	3362	3365	rBV5	1055	1423	0.07%	0.013%
78	11.902	3375	3378	3384	rVB3	337	304	0.02%	0.003%
79	12.094	3429	3438	3444	rBV5	1213	1796	0.09%	0.017%
80	12.249	3482	3486	3492	rVV3	631	905	0.04%	0.008%
81	12.297	3496	3501	3505	rVB2	390	316	0.02%	0.003%
82	12.506	3562	3566	3569	rVV2	277	220	0.01%	0.002%
83	12.551	3574	3580	3586	rBV2	278	319	0.02%	0.003%
84	12.596	3586	3594	3601	rBV4	970	1533	0.08%	0.014%
85	12.647	3607	3610	3614	rVB2	339	253	0.01%	0.002%
86	12.828	3660	3666	3669	rBV2	255	248	0.01%	0.002%
87	12.934	3694	3699	3702	rVB	283	266	0.01%	0.002%
88	13.001	3713	3720	3725	rBV	299	409	0.02%	0.004%
89	13.094	3745	3749	3752	rVB2	294	251	0.01%	0.002%
90	13.274	3801	3805	3811	rBV	293	328	0.02%	0.003%
91	13.332	3819	3823	3831	rBV2	244	358	0.02%	0.003%
92	13.721	3938	3944	3946	rVB	362	337	0.02%	0.003%
93	13.953	4010	4016	4018	rBV2	337	310	0.02%	0.003%
94	14.159	4076	4080	4083	rBV2	290	211	0.01%	0.002%
95	14.715	4247	4253	4254	rBV	328	360	0.02%	0.003%
96	15.213	4405	4408	4415	rVB3	383	300	0.01%	0.003%
97	15.599	4523	4528	4529	rBV2	405	328	0.02%	0.003%
98	15.834	4598	4601	4602	rBV	414	244	0.01%	0.002%
99	16.046	4664	4667	4669	rVB	671	351	0.02%	0.003%
100	16.377	4767	4770	4771	rBV	604	341	0.02%	0.003%

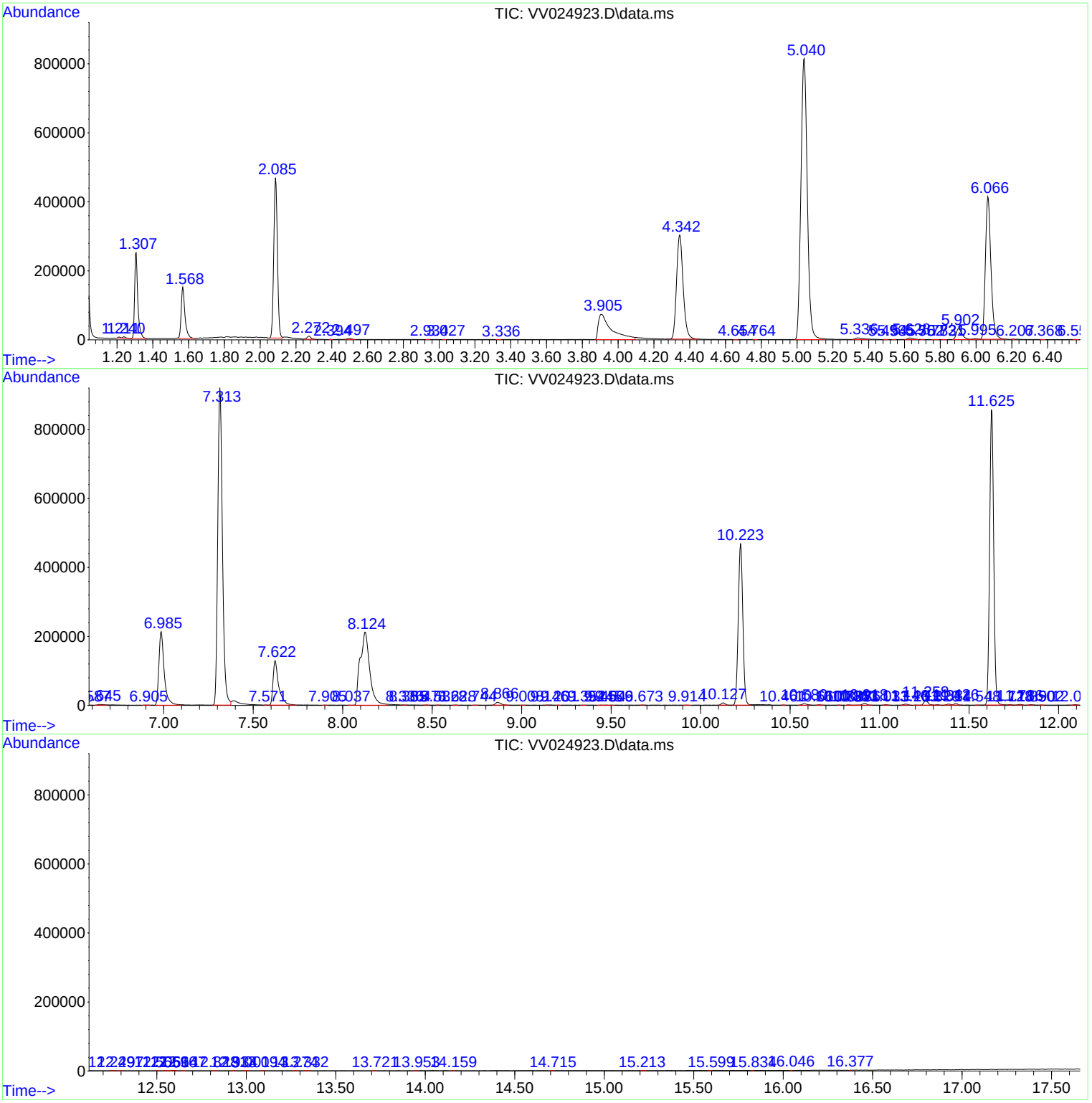
Sum of corrected areas: 10811466

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

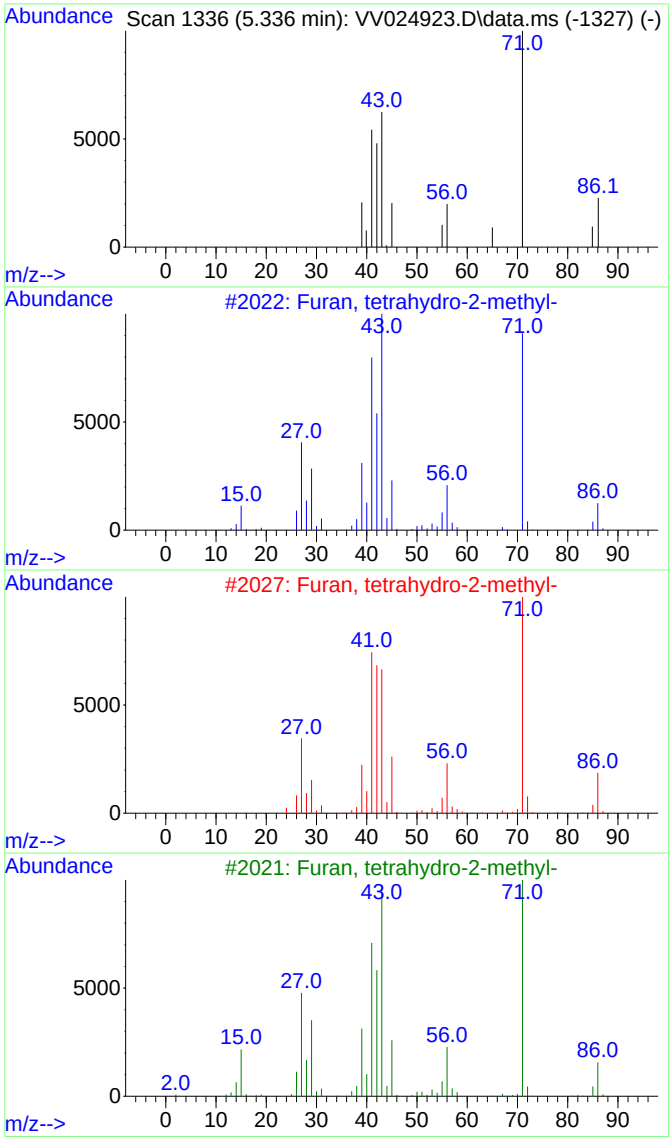
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

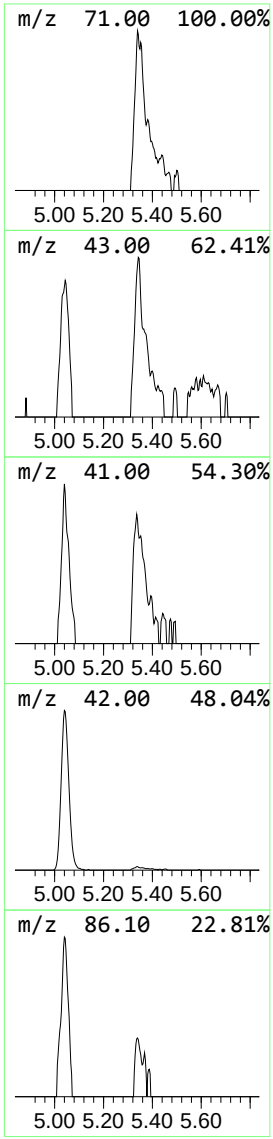
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Furan, tetrahydro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.336	69.87 ug/L	13276	1,4-Difluorobenzene	5.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	72
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	56
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	56
4	Tetrahydropyran	86	C5H10O	000142-68-7	9
5	Prenol	86	C5H10O	000556-82-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

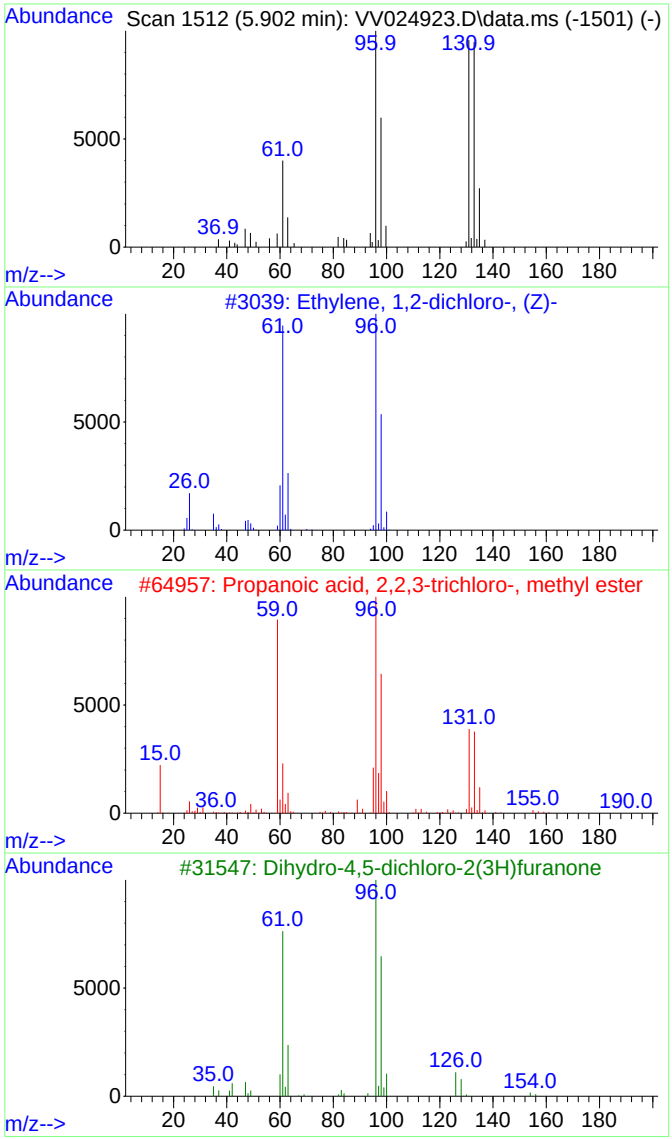
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

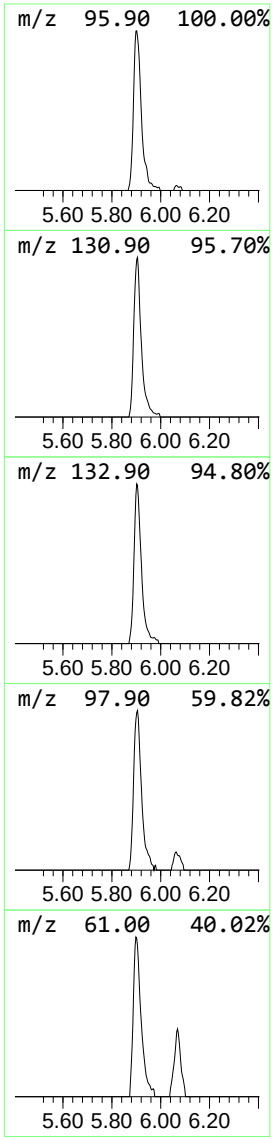
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.902	374.00 ug/L	71068	1,4-Difluorobenzene	5.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
4	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	27
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

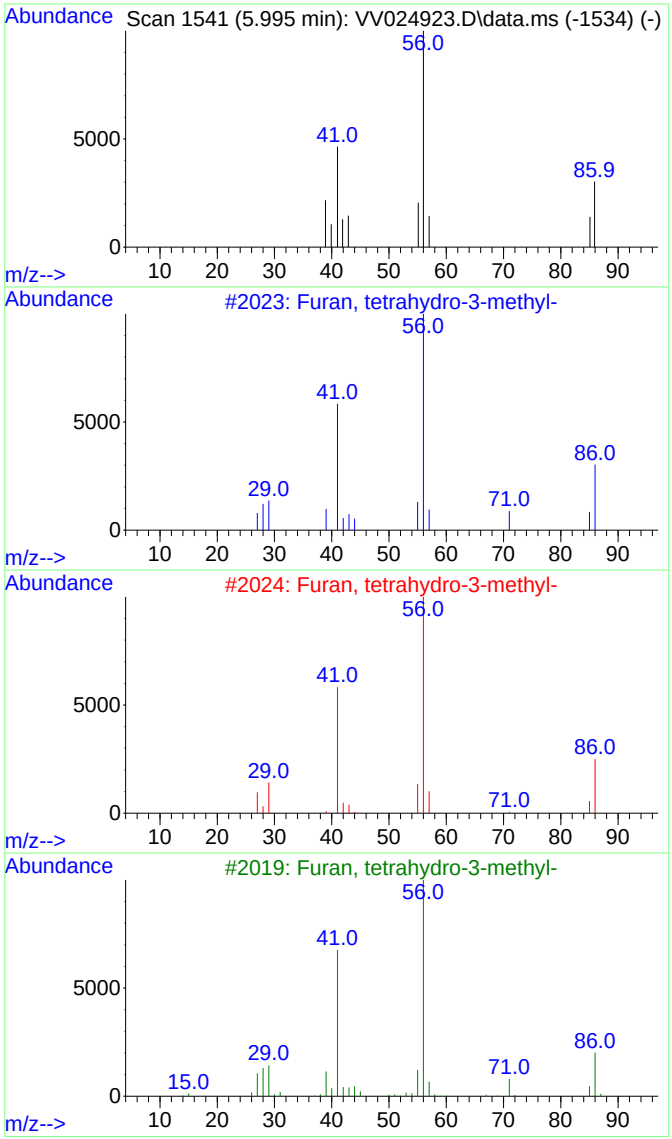
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

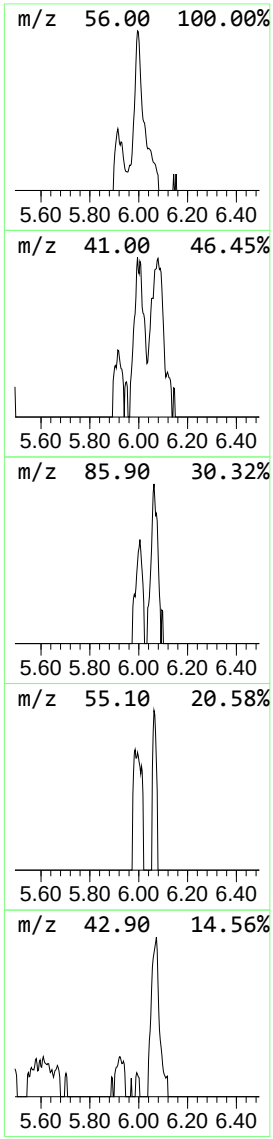
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Furan, tetrahydro-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.995	18.73 ug/L	3559	1,4-Difluorobenzene	5.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	90
2	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	90
3	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	64
4	Cyclopentanamine	85	C5H11N	001003-03-8	50
5	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

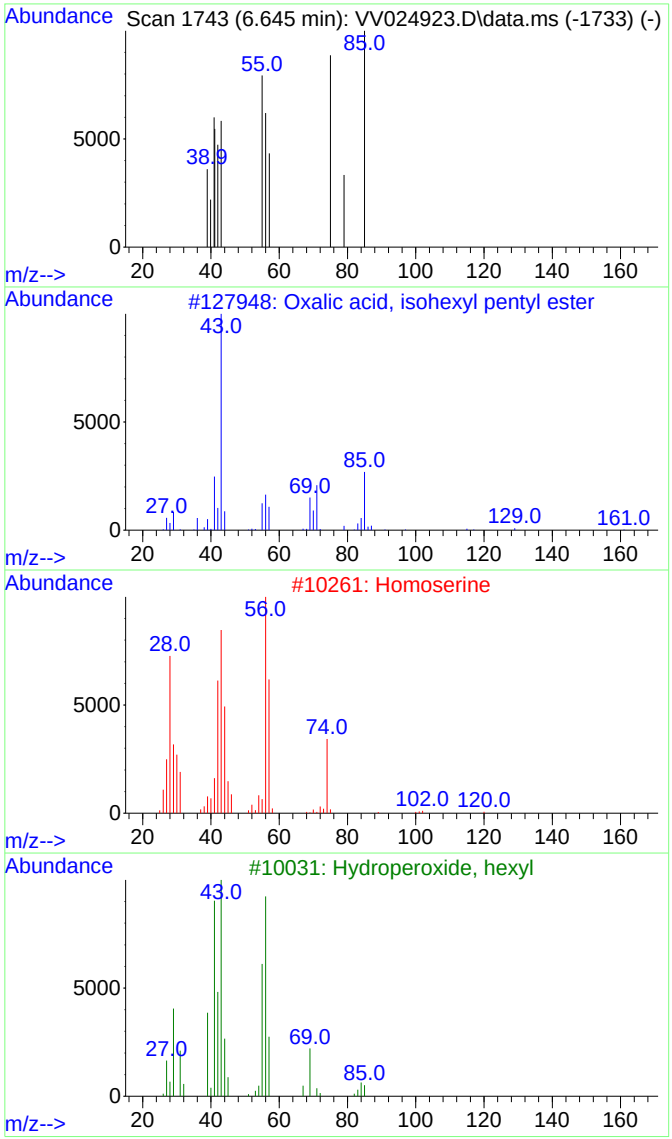
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

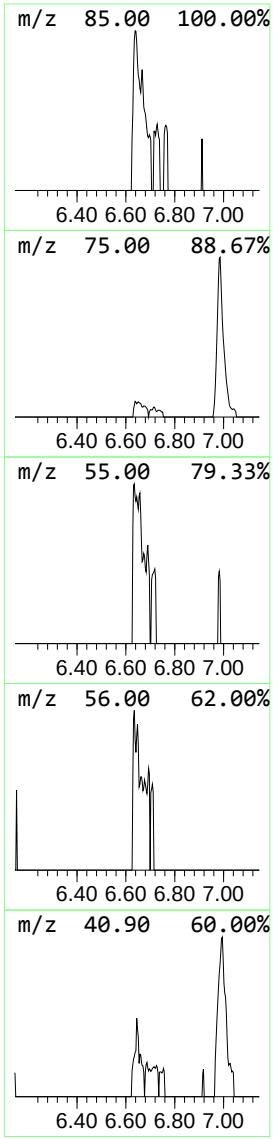
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	24.76 ug/L	4705	1,4-Difluorobenzene	5.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	9
2	Homoserine	119	C4H9NO3	000498-19-1	9
3	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	9
4	Isobutyl chloroformate	136	C5H9ClO2	000543-27-1	9
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

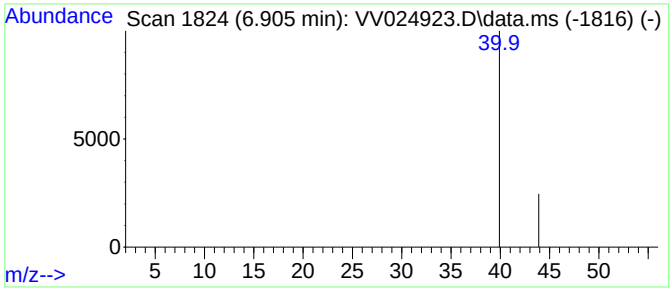
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

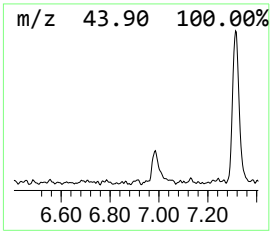
****

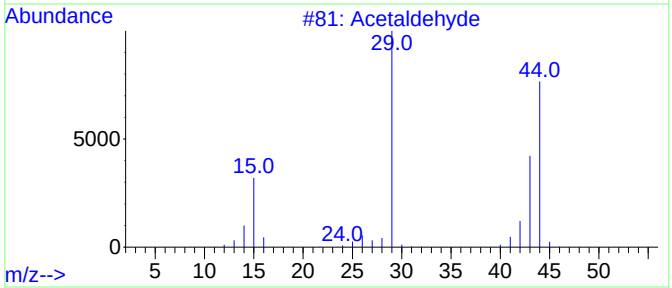
Peak Number 5 unknown-03 Concentration Rank 20

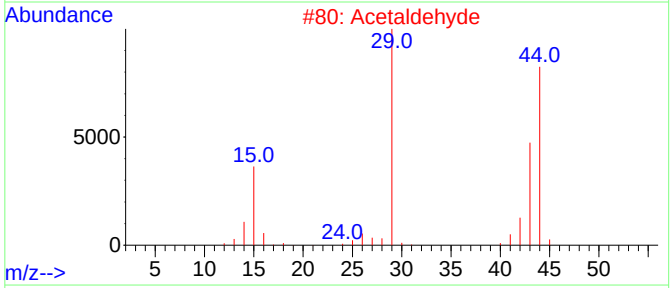
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.905	2.80 ug/L	533	1,4-Difluorobenzene	5.632

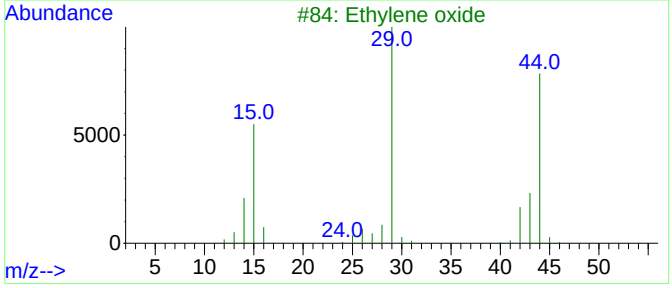
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	2
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Ethylene oxide	44	C2H4O	000075-21-8	2
4	Ethylene oxide	44	C2H4O	000075-21-8	1
5	Ethylene oxide	44	C2H4O	000075-21-8	1











Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

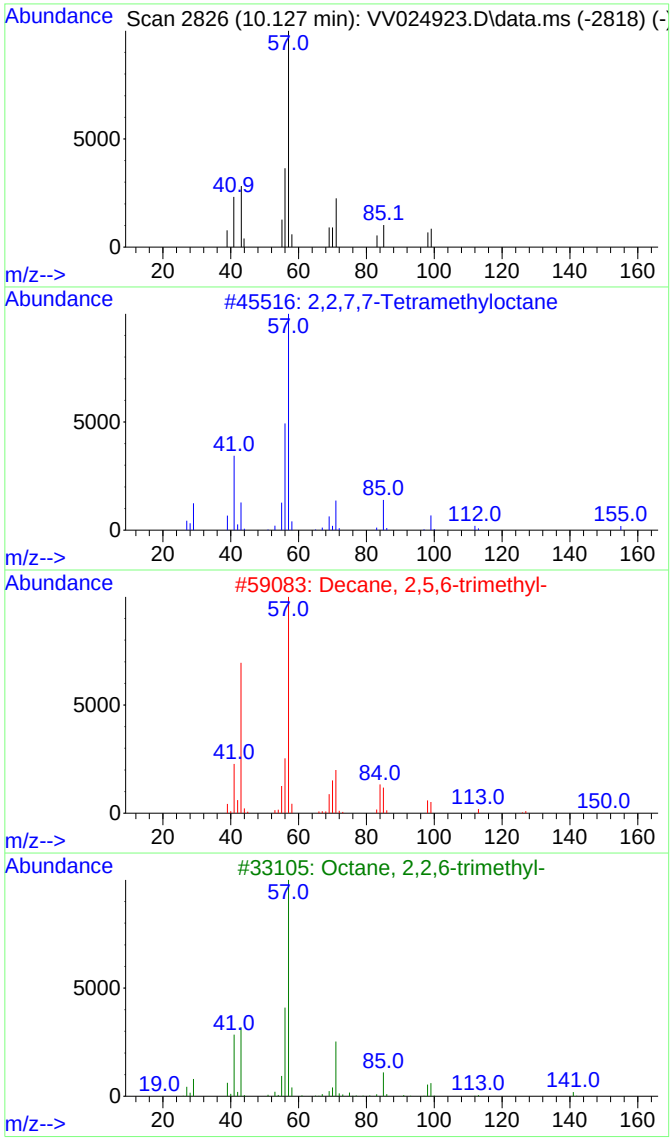
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

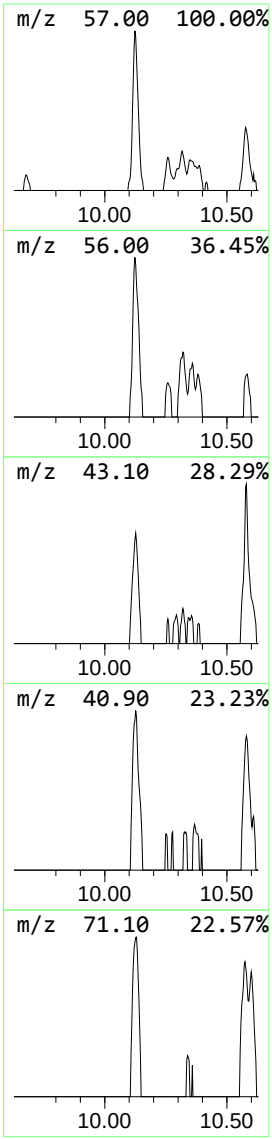
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.127	23.64 ug/L	10125	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	56
3	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	56
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

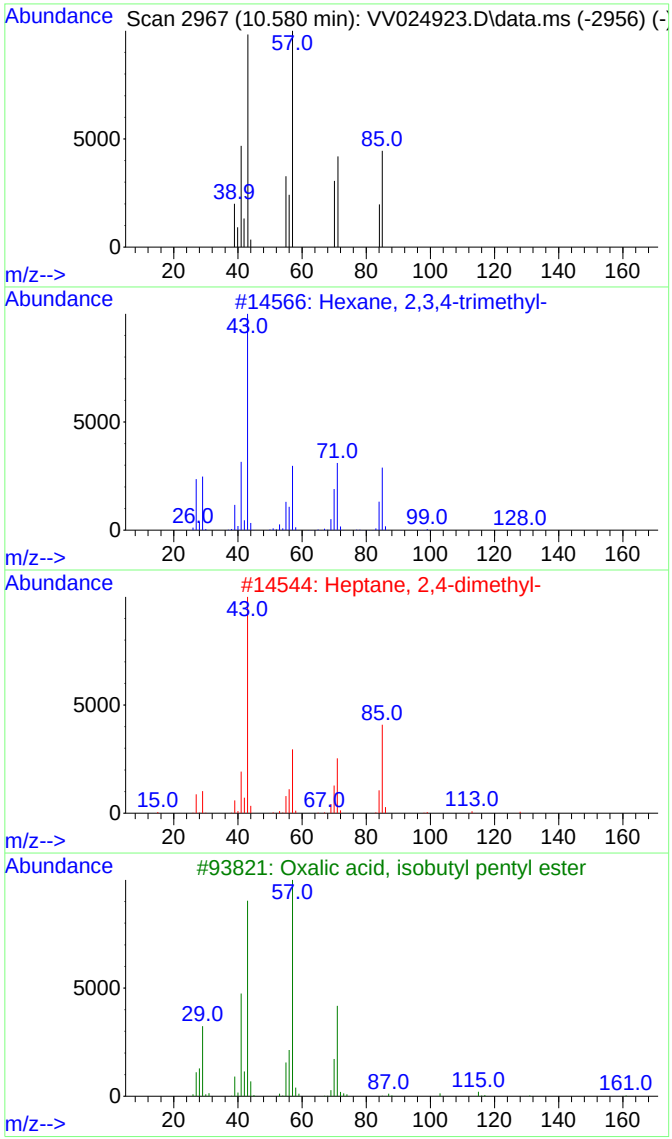
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

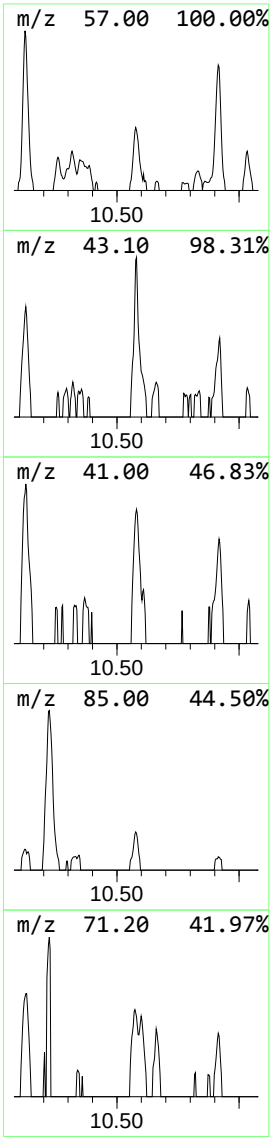
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	19.02 ug/L	8146	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	56
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	40
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38
4	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	36
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

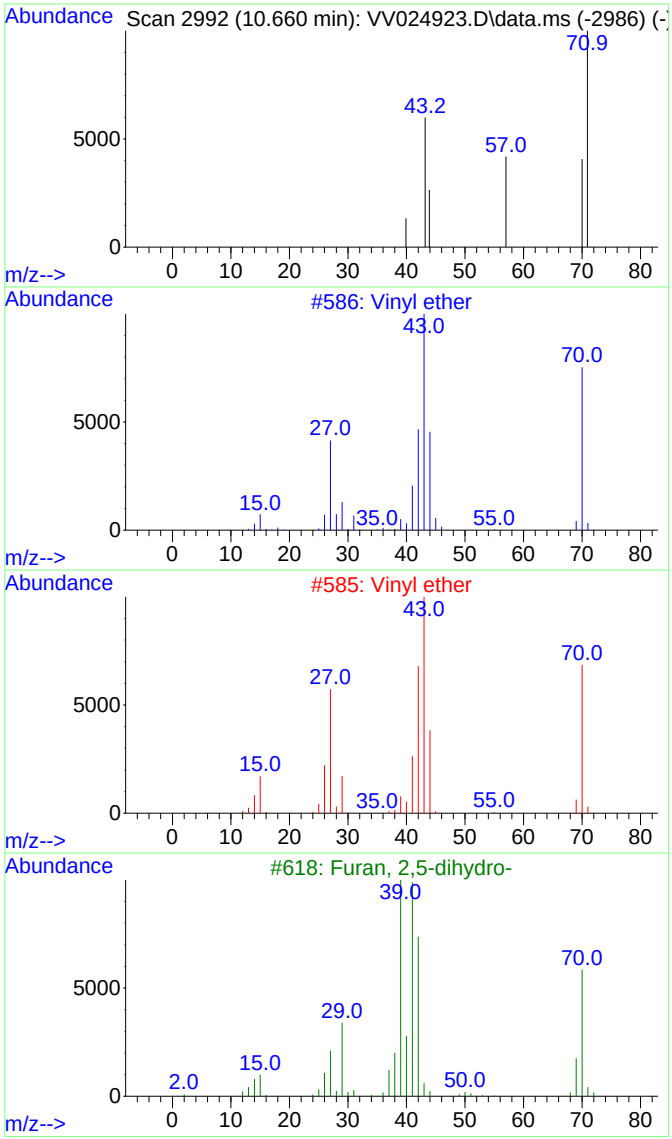
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

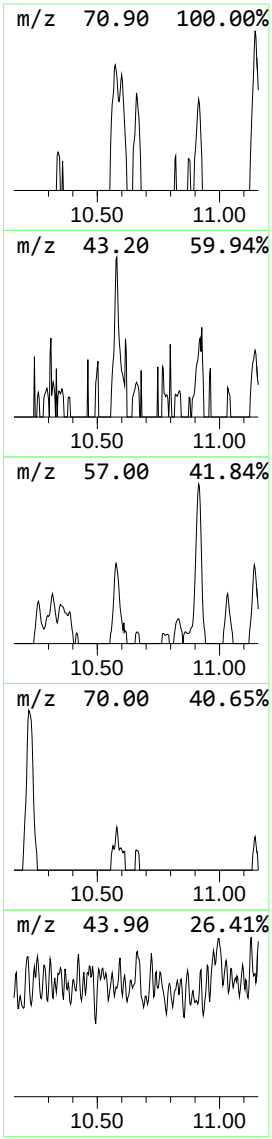
****

Peak Number 9 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	2.76 ug/L	1182	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyl ether	70	C4H6O	000109-93-3	9
2	Vinyl ether	70	C4H6O	000109-93-3	7
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	3
4	Pyrrolidine	71	C4H9N	000123-75-1	3
5	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

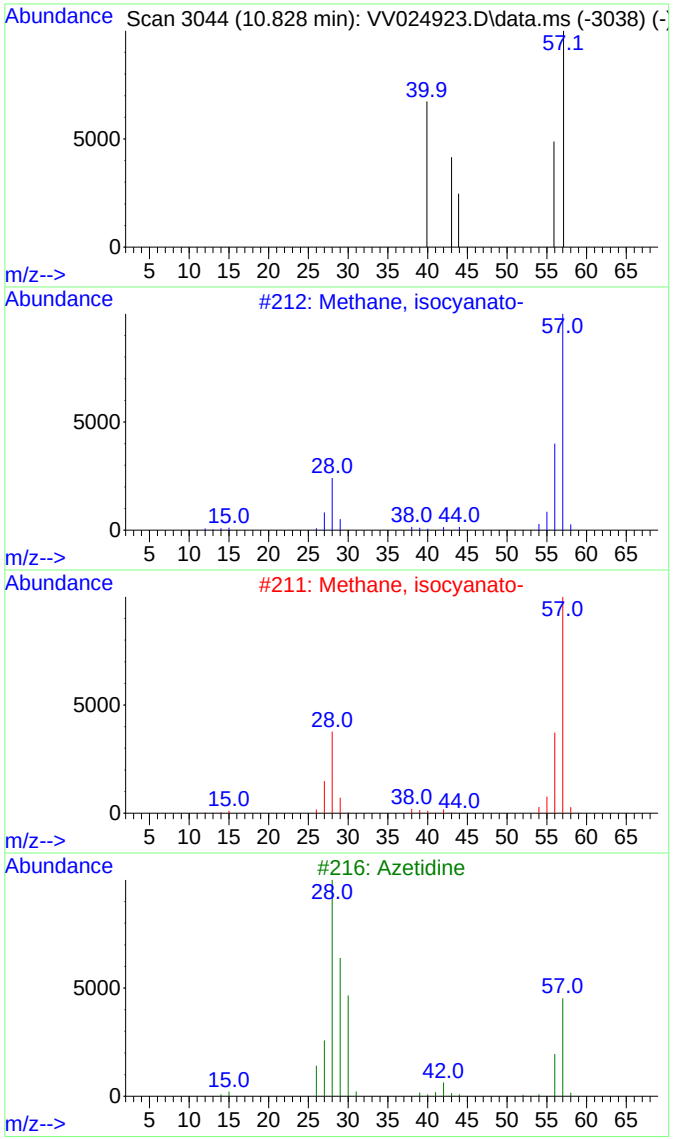
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

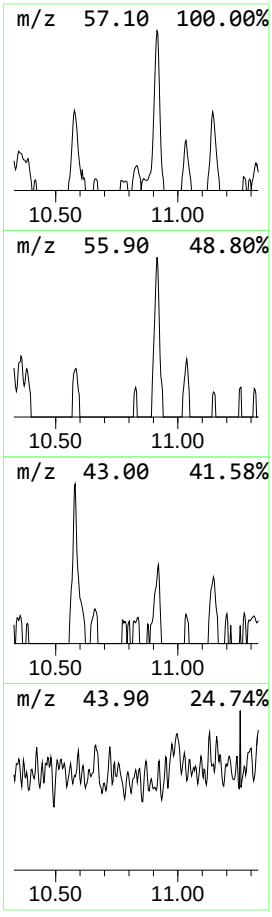
****

Peak Number 10 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.828	2.93 ug/L	1256	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, isocyanato-	57	C2H3NO	000624-83-9	4
2	Methane, isocyanato-	57	C2H3NO	000624-83-9	4
3	Azetidine	57	C3H7N	000503-29-7	3
4	1,3-Propanediamine	74	C3H10N2	000109-76-2	2
5	1,3-Propanediamine	74	C3H10N2	000109-76-2	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

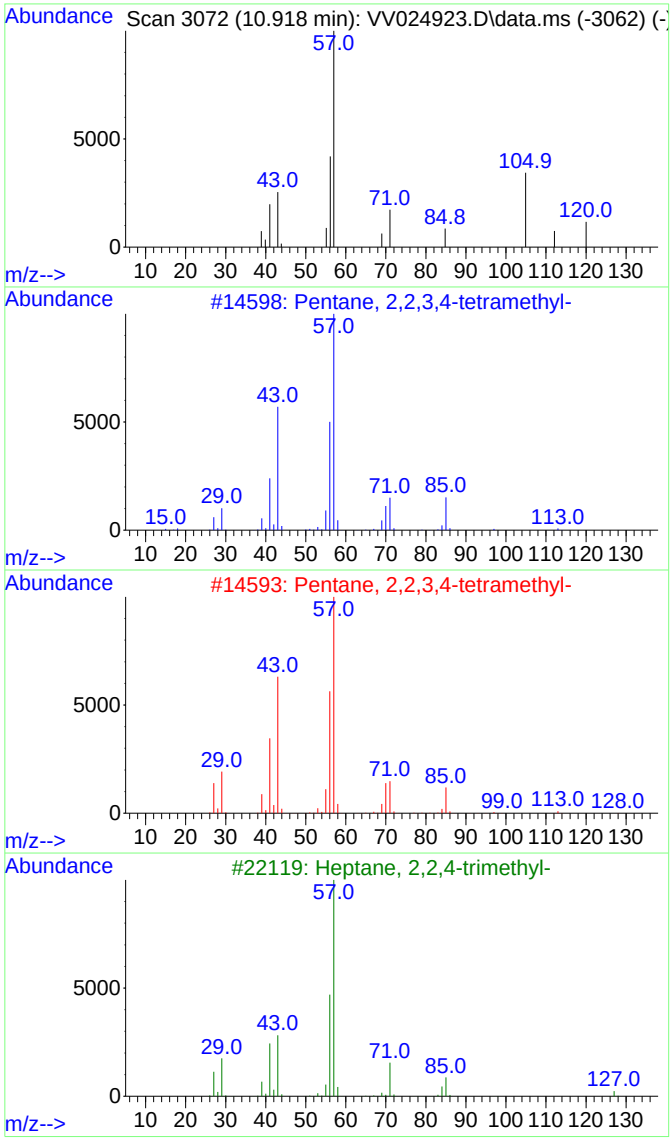
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

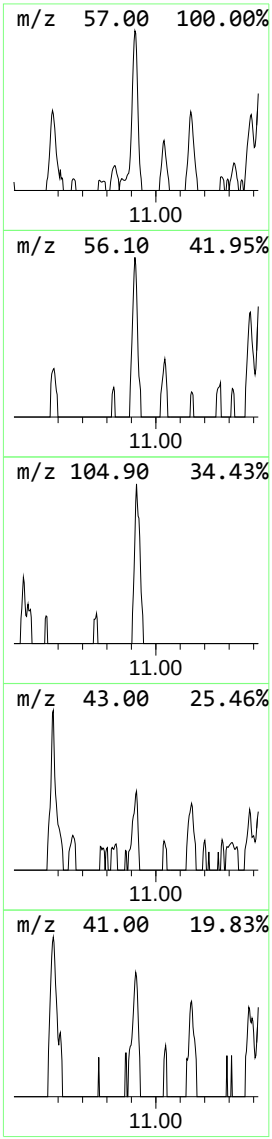
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.918	20.20 ug/L	8652	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
3	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	40
4	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	36
5	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

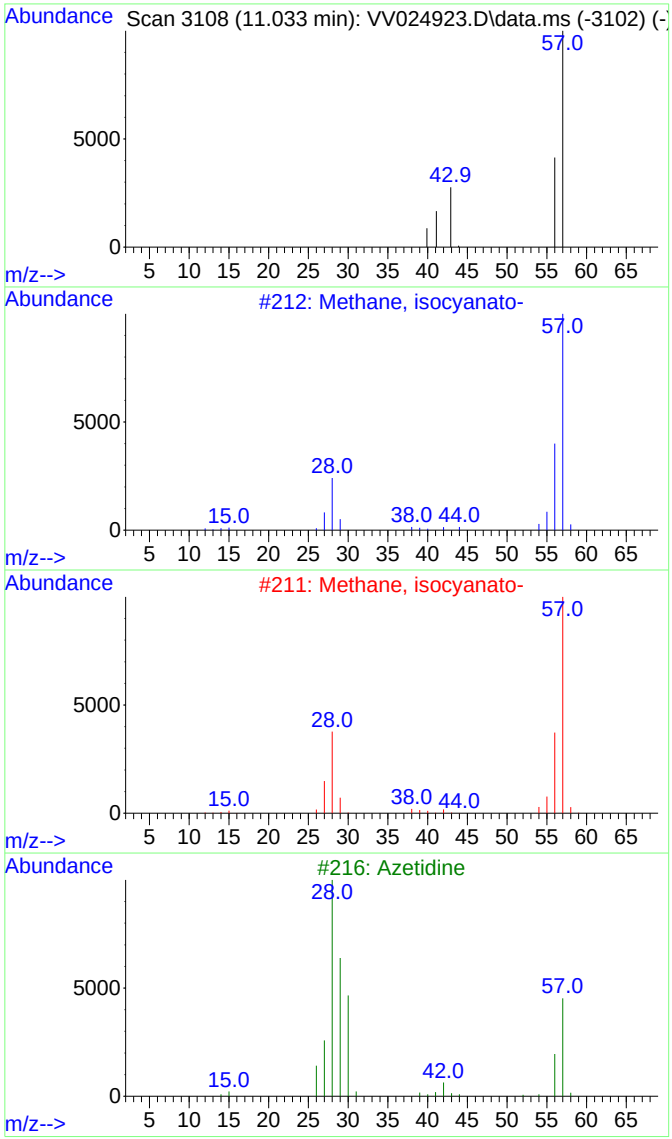
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

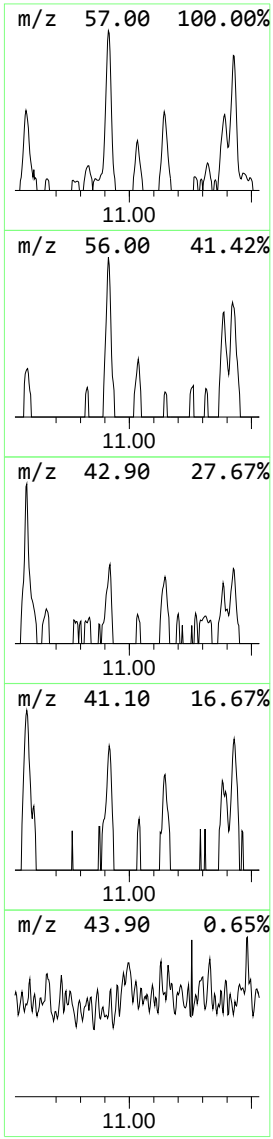
****

Peak Number 12 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.033	3.64 ug/L	1558	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, isocyanato-	57	C2H3NO	000624-83-9	4
2	Methane, isocyanato-	57	C2H3NO	000624-83-9	4
3	Azetidine	57	C3H7N	000503-29-7	3
4	Ethane, diazo-	56	C2H4N2	001117-96-0	3
5	2-Propenal	56	C3H4O	000107-02-8	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

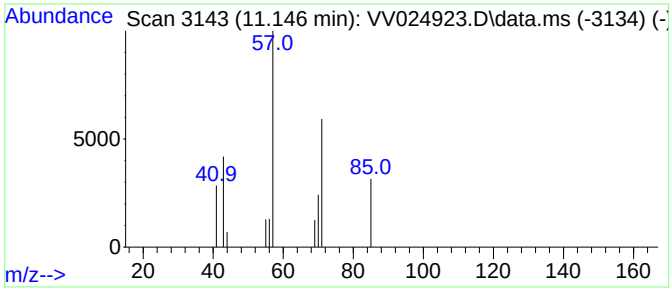
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

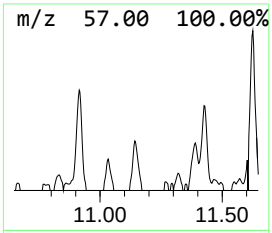
****

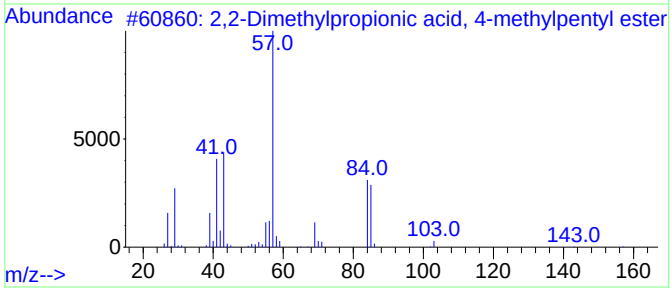
Peak Number 13 unknown-07 Concentration Rank 11

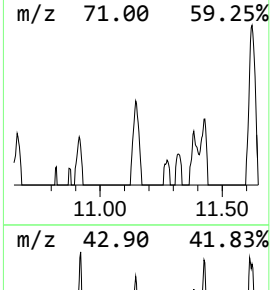
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	11.20 ug/L	4797	1,4-Dichlorobenzene-d4	11.259

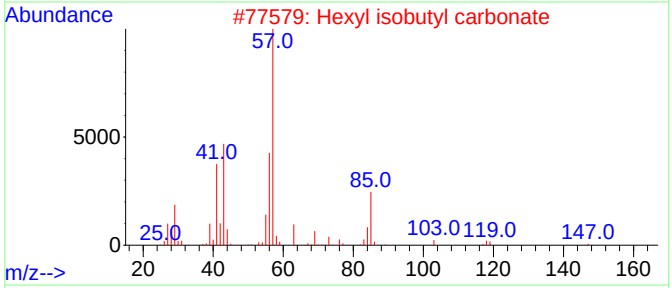
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	37
2	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	9
3	Pivalic acid, 2-tetrahydrofurylm...	186	C10H18O3	007461-07-6	9
4	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	9
5	5H-Tetrazol-5-amine	85	CH3N5	1000273-02-0	4

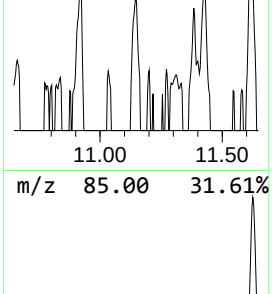


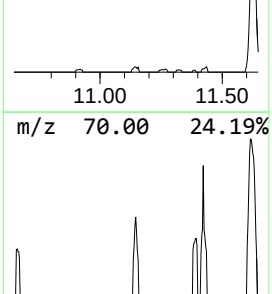


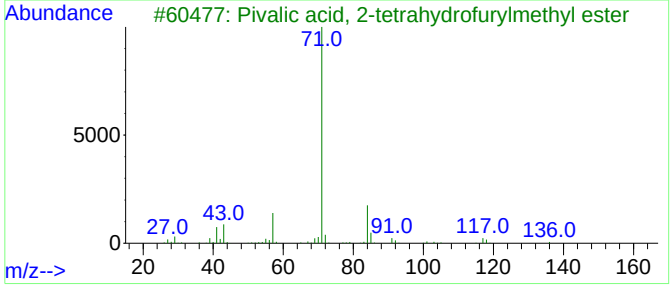












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

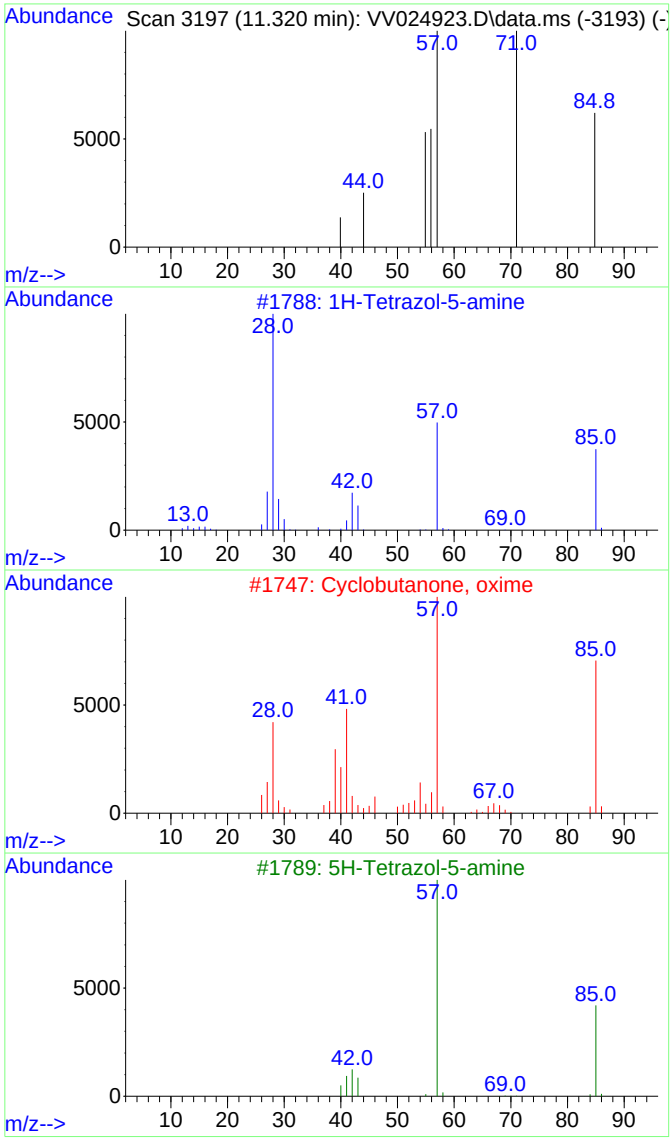
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

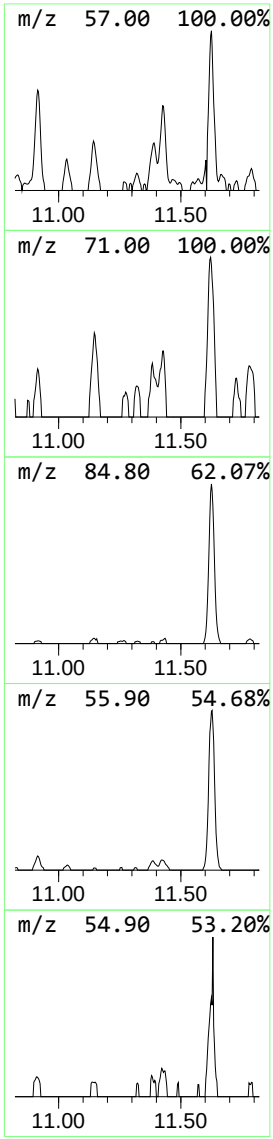
****

Peak Number 14 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.320	3.18 ug/L	1363	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Tetrazol-5-amine	85	CH3N5	004418-61-5	4
2	Cyclobutanone, oxime	85	C4H7NO	002972-05-6	4
3	5H-Tetrazol-5-amine	85	CH3N5	1000273-02-0	4
4	2-Propenal	56	C3H4O	000107-02-8	4
5	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

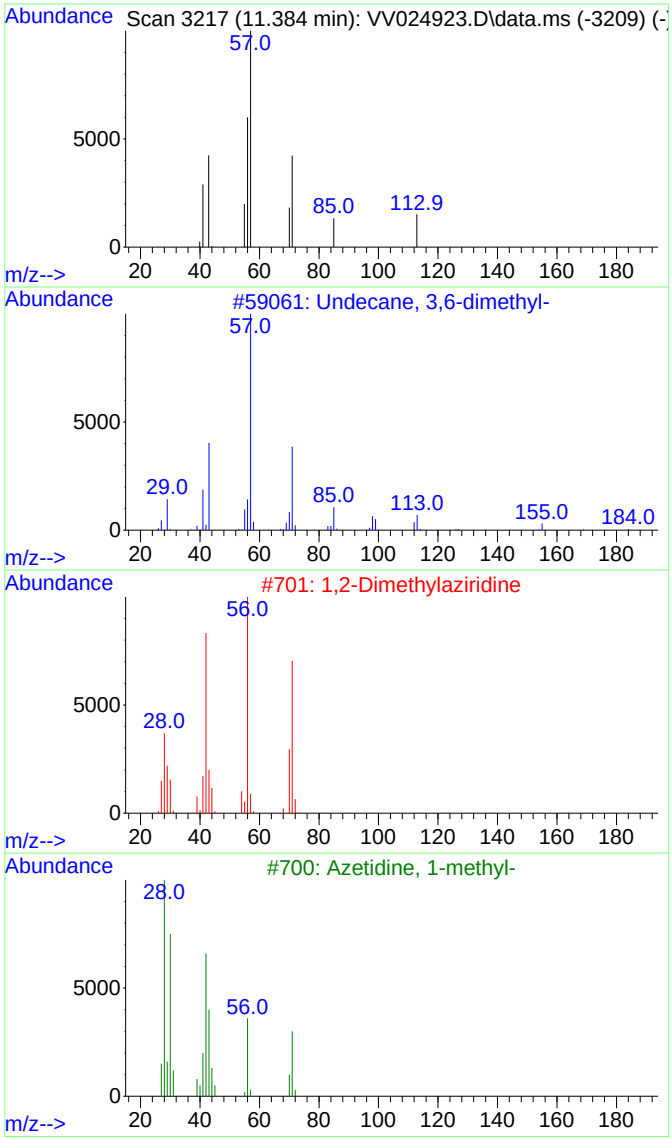
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

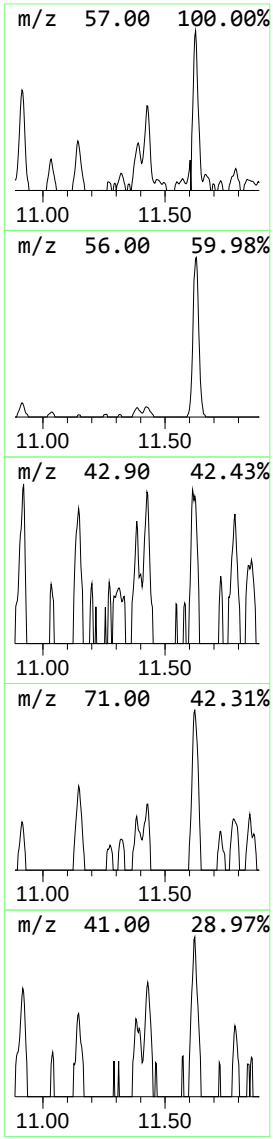
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	11.56 ug/L	4949	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	38
2	1,2-Dimethylaziridine	71	C4H9N	030757-96-1	9
3	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9
4	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	9
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

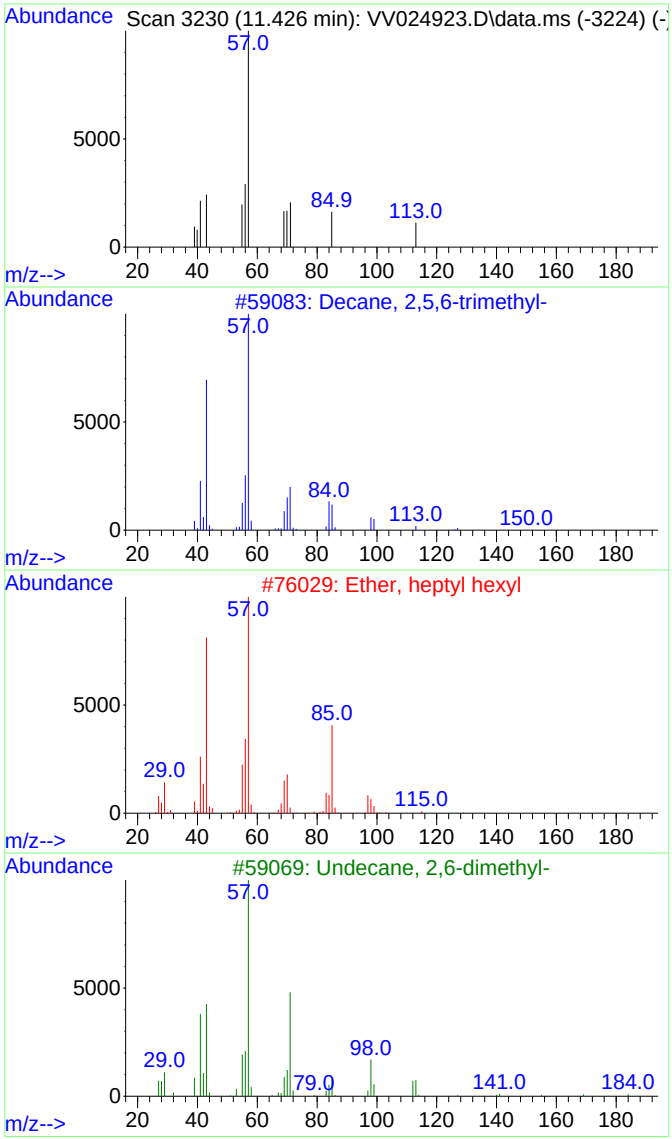
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

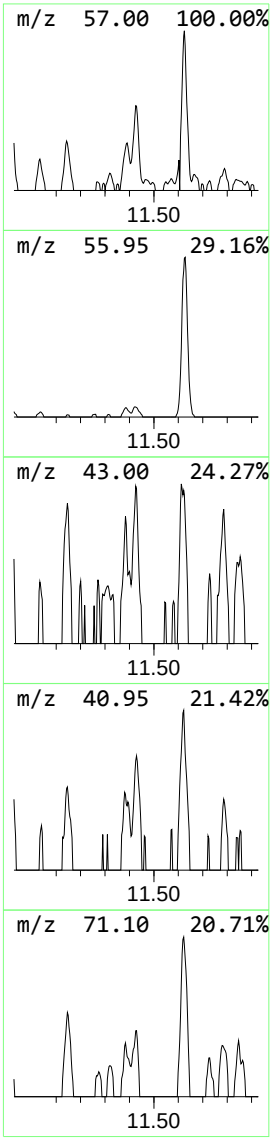
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.426	14.34 ug/L	6142	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2	Ether, heptyl hexyl	200	C13H28O	007289-40-9	42
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
4	Octyl thioglycolate	204	C10H20O2S	007664-80-4	36
5	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

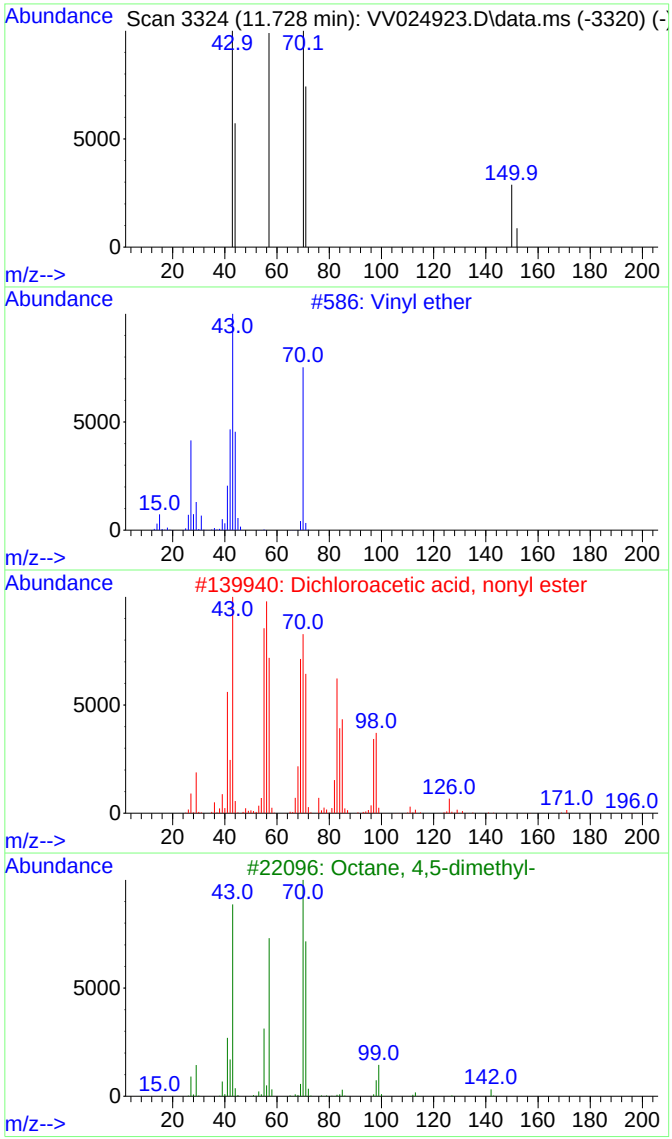
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

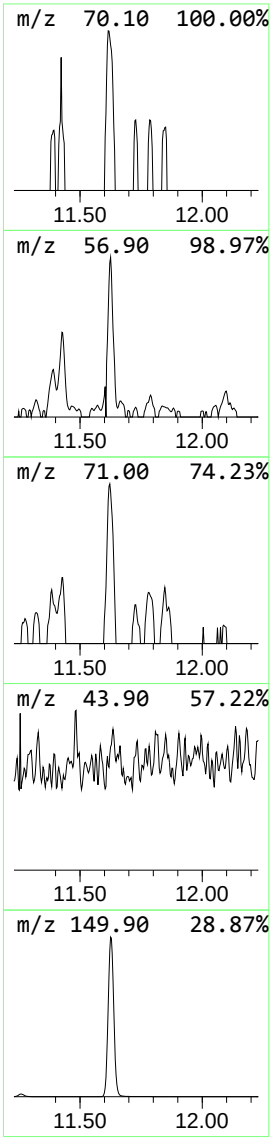
****

Peak Number 17 unknown-09 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.728	2.84 ug/L	1216	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyl ether	70	C4H6O	000109-93-3	9
2	Dichloroacetic acid, nonyl ester	254	C11H20Cl2O2	083004-99-3	9
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	9
4	Vinyl ether	70	C4H6O	000109-93-3	7
5	2-Propenamide	71	C3H5NO	000079-06-1	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

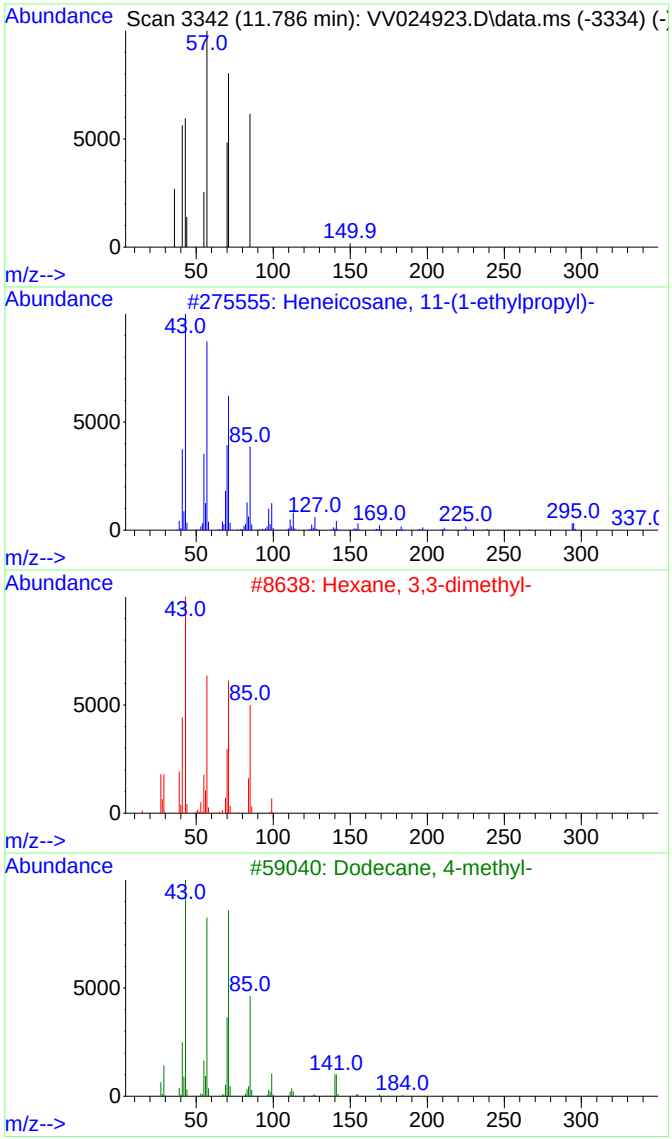
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

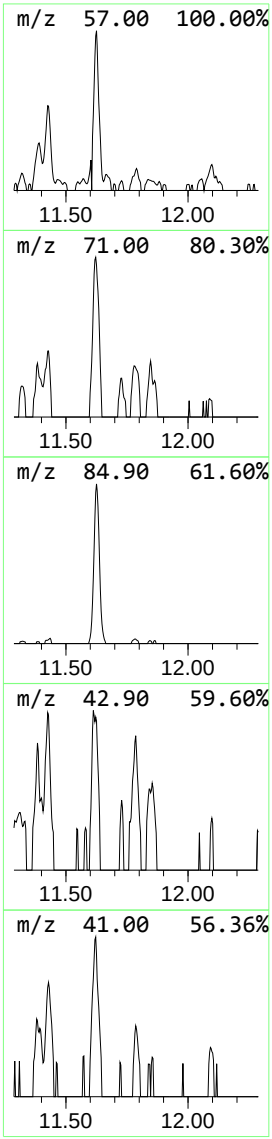
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	7.24 ug/L	3101	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	40
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	40
4	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	25
5	3-Bromooctane	192	C8H17Br	000999-64-4	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

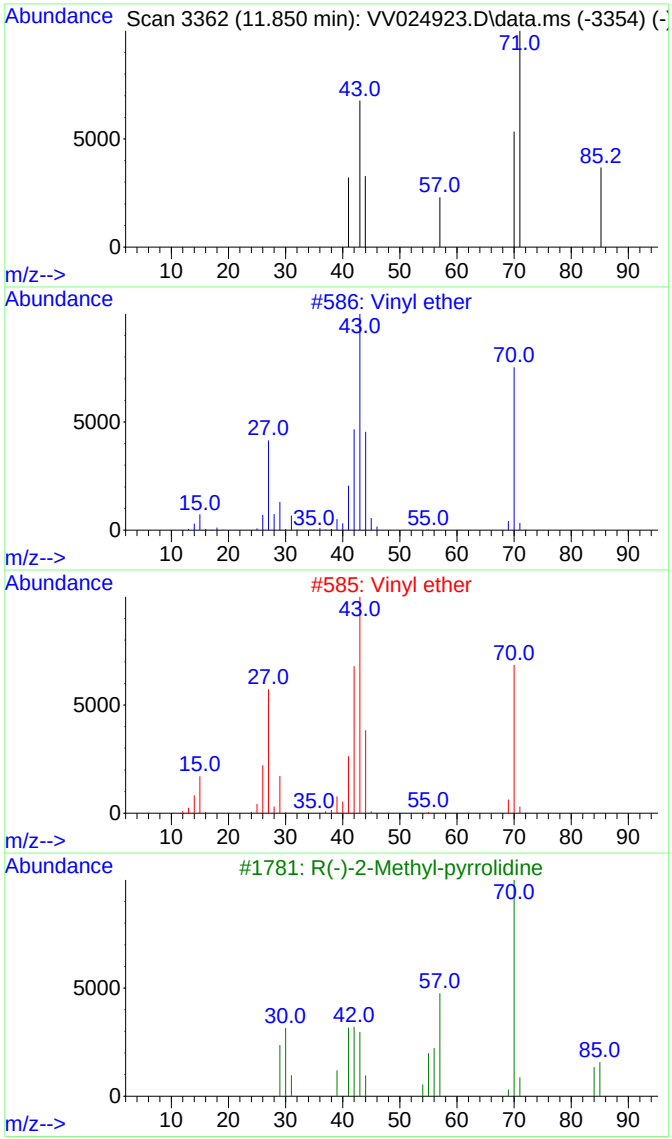
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

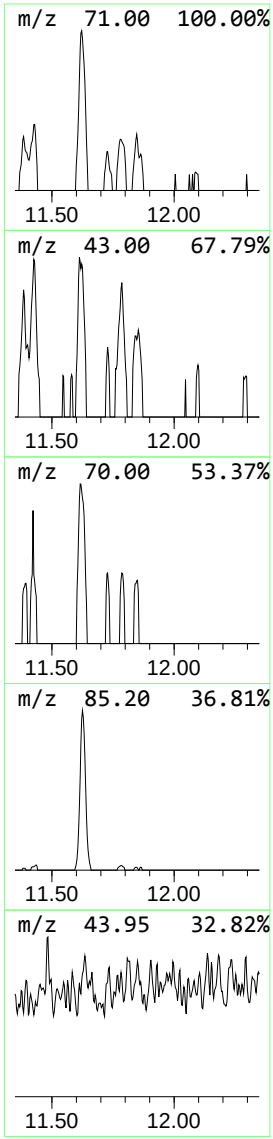
****

Peak Number 19 unknown-10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.850	3.32 ug/L	1423	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyl ether	70	C4H6O	000109-93-3	9
2	Vinyl ether	70	C4H6O	000109-93-3	7
3	R(-)-2-Methyl-pyrrolidine	85	C5H11N	1010144-17-1	5
4	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	4
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

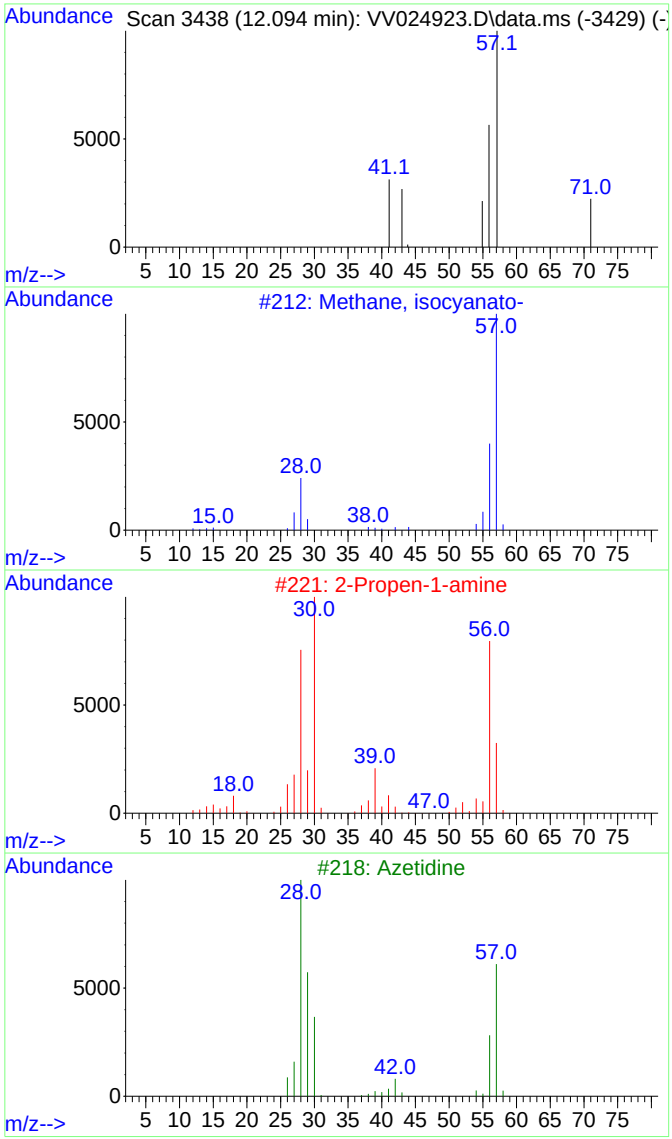
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

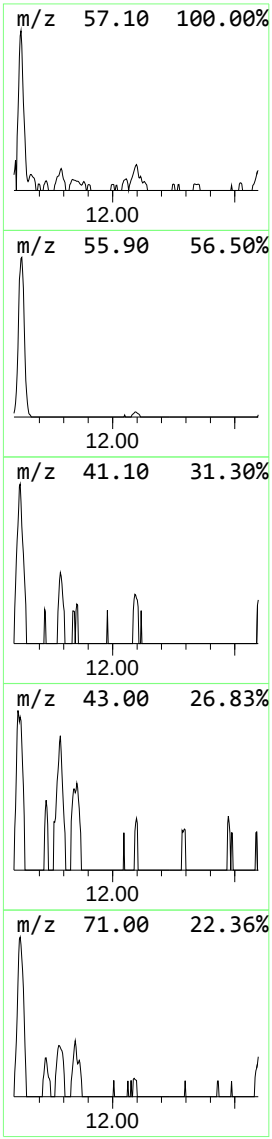
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 unknown-11 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	4.19 ug/L	1796	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, isocyanato-	57	C2H3NO	000624-83-9	4
2	2-Propen-1-amine	57	C3H7N	000107-11-9	4
3	Azetidine	57	C3H7N	000503-29-7	4
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	4
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

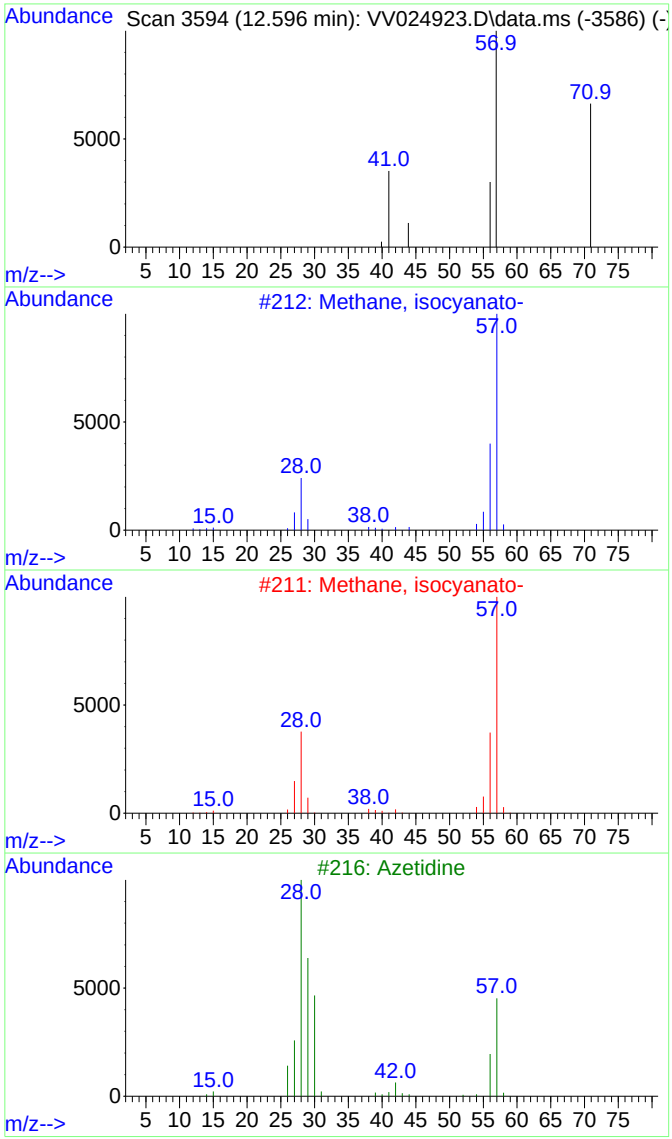
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

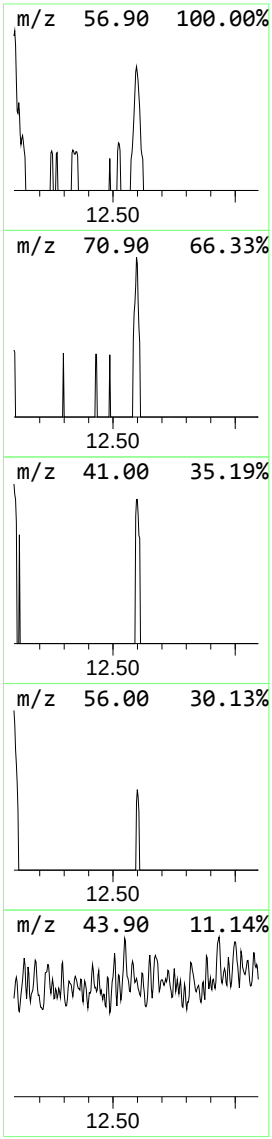
****

Peak Number 21 unknown-12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.596	3.58 ug/L	1533	1,4-Dichlorobenzene-d4	11.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, isocyanato-	57	C2H3NO	000624-83-9	4
2	Methane, isocyanato-	57	C2H3NO	000624-83-9	4
3	Azetidine	57	C3H7N	000503-29-7	3
4	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	3
5	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	3





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Furan, tetrahyd...	5.336	69.9	ug/L	13276	1	5.632	9501	50.0
unknown-01	5.902	374.0	ug/L	71068	1	5.632	9501	50.0
Furan, tetrahyd...	5.995	18.7	ug/L	3559	1	5.632	9501	50.0
unknown-02	6.645	24.8	ug/L	4705	1	5.632	9501	50.0
unknown-03	6.905	2.8	ug/L	533	1	5.632	9501	50.0
(DEL) Alkane: S...	10.127	23.6	ug/L	10125	3	11.259	21413	50.0
(DEL) Alkane: S...	10.580	19.0	ug/L	8146	3	11.259	21413	50.0
unknown-04	10.660	2.8	ug/L	1182	3	11.259	21413	50.0
unknown-05	10.828	2.9	ug/L	1256	3	11.259	21413	50.0
(DEL) Alkane: S...	10.918	20.2	ug/L	8652	3	11.259	21413	50.0
unknown-06	11.033	3.6	ug/L	1558	3	11.259	21413	50.0
unknown-07	11.146	11.2	ug/L	4797	3	11.259	21413	50.0
unknown-08	11.320	3.2	ug/L	1363	3	11.259	21413	50.0
(DEL) Alkane: S...	11.384	11.6	ug/L	4949	3	11.259	21413	50.0
(DEL) Alkane: S...	11.426	14.3	ug/L	6142	3	11.259	21413	50.0
unknown-09	11.728	2.8	ug/L	1216	3	11.259	21413	50.0
(DEL) Alkane: S...	11.786	7.2	ug/L	3101	3	11.259	21413	50.0
unknown-10	11.850	3.3	ug/L	1423	3	11.259	21413	50.0
unknown-11	12.095	4.2	ug/L	1796	3	11.259	21413	50.0
unknown-12	12.596	3.6	ug/L	1533	3	11.259	21413	50.0