LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

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\SFAMVLM080122WMA.M
Title : VOC Analysis

Signal : TIC: VV027140.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	75	82	87	rBV	403340	413268	6.09%	0.925%
2	1.561	156	162	176	rVB	323860	380958	5.61%	0.853%
3	2.105	322	331	341	rBV	654689	905472	13.34%	2.028%
4	2.162	341	349	356	rBV	239918	354670	5.22%	0.794%
5	2.288	376	388	414	rBV	473390	1268463	18.68%	2.840%
6	3.461	749	753	758	rBV	503	511	0.01%	0.001%
7	3.532	770	775	780	rVV6	672	642	0.01%	0.001%
8	3.584	785	791	796	rVB6	766	1058	0.02%	0.002%
9	3.619	796	802	806	rBV3	580	851	0.01%	0.002%
10	3.709	823	830	835	rBV3	819	709	0.01%	0.002%
11	3.822	861	865	867	rBV2	825	550	0.01%	0.001%
12	3.873	871	881	915	rBV	184583	519234	7.65%	1.163%
13	4.342	1008	1027	1059	rBV	396552	1027982	15.14%	2.302%
14	4.805	1167	1171	1174	rVB5	869	580	0.01%	0.001%
15	5.040	1226	1244	1291	rBV2	949819	2526707	37.22%	5.658%
16	5.265	1311	1314	1317	rVB5	1335	914	0.01%	0.002%
17	5.561	1401	1406	1407	rBV4	705	638	0.01%	0.001%
18	5.612	1410	1422	1458	rBV	661376	1372207	20.21%	3.073%
19	5.905	1503	1513	1535	rVB5	13772	33307	0.49%	0.075%
20	5.992	1535	1540	1545	rBV5	872	910	0.01%	0.002%
21	6.066	1549	1563	1589	rBV	533290	1114509	16.42%	2.496%
22	6.500	1692	1698	1701	rBV4	737	795	0.01%	0.002%
23	6.712	1758	1764	1771	rBV4	518	586	0.01%	0.001%
24	6.821	1793	1798	1803	rVB4	524	603	0.01%	0.001%
25	6.982	1837	1848	1878	rBV	254968	474174	6.98%	1.062%
26	7.249	1921	1931	1940	rBV2	38944	66310	0.98%	0.148%
27	7.313	1940	1951	1971	rBV	1116528	1938898	28.56%	4.342%
28	7.619	2034	2046	2071	rBV	183333	328236	4.83%	0.735%
29	7.931	2138	2143	2144	rBV4	755	591	0.01%	0.001%
30	7.940	2144	2146	2152	rVB6	993	639	0.01%	0.001%
31	7.979	2152	2158	2165	rVB4	1454	1495	0.02%	0.003%
32	8.088	2181	2192	2226	rBV	671885	1262022	18.59%	2.826%
33	8.220	2228	2233	2261	rVB	18275	41762	0.62%	0.094%
34	8.362	2274	2277	2280	rVB3	1118	664	0.01%	0.001%
35	8.628	2354	2360	2364	rVB5	713	956	0.01%	0.002%
36	8.850	2417	2429	2455	rBV	1051594	1691571	24.91%	3.788%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

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\SFAMVLM080122WMA.M
Title : VOC Analysis

37	9.014	2471	2480	2493	rBV	49656	80030	1.18%	0.179%
38	9.143	2511	2520	2534	rBV	18344	30940	0.46%	0.069%
39	9.548	2635	2646	2661	rBV2	13879	25015	0.37%	0.056%
40	9.644	2672	2676	2680	rBV2	1050	990	0.01%	0.002%
41	9.850	2736	2740	2742	rBV3	642	521	0.01%	0.001%
42	9.921	2758	2762	2763	rBV2	954	634	0.01%	0.001%
43	10.214	2840	2853	2878	rBV	815723	1265749	18.64%	2.834%
44	10.451	2918	2927	2944	rVB2	11229	23861	0.35%	0.053%
45	10.538	2947	2954	2966	rVV2	13330	19920	0.29%	0.045%
46	10.741	3005	3017	3027	rBV2	5568	8352	0.12%	0.019%
47	10.789	3027	3032	3035	rBV3	1748	1702	0.03%	0.004%
48	10.853	3050	3052	3060	rVB6	1769	1676	0.02%	0.004%
49	10.914	3060	3071	3085	rBV	34234	54466	0.80%	0.122%
50	11.175	3142	3152	3163	rBV2	14777	27811	0.41%	0.062%
51	11.246	3163	3174	3193	rVV	1024193	1593347	23.47%	3.568%
52	11.336	3196	3202	3213	rVB2	19139	30825	0.45%	0.069%
53	11.400	3218	3222	3227	rBV5	732	957	0.01%	0.002%
54	11.525	3250	3261	3279	rVV	290852	477573	7.03%	1.069%
55	11.622	3280	3291	3314	rVB	1186973	1863042	27.44%	4.172%
56	11.744	3319	3329	3348	rVV	131674	210450	3.10%	0.471%
57	11.818	3350	3352	3362	rVB9	3598	4606	0.07%	0.010%
58	11.911	3371	3381	3385	rBV3	5983	9289	0.14%	0.021%
59	12.017	3401	3414	3418	rBV	14903	21458	0.32%	0.048%
60	12.114	3435	3444	3456	rBV	35102	55377	0.82%	0.124%
61	12.252	3479	3487	3488	rBV5	2847	2723	0.04%	0.006%
62	12.313	3498	3506	3513	rBV5	3712	5824	0.09%	0.013%
63	12.365	3513	3522	3530	rBV2	13042	22329	0.33%	0.050%
64	12.413	3531	3537	3544	rVB2	11001	13593	0.20%	0.030%
65	12.464	3544	3553	3566	rBV3	38769	68510	1.01%	0.153%
66	12.548	3575	3579	3585	rVB4	4316	3637	0.05%	0.008%
67	12.644	3605	3609	3614	rVB7	3756	3934	0.06%	0.009%
68	12.721	3624	3633	3649	rVB	81413	125899	1.85%	0.282%
69	12.882	3663	3683	3695	rBV2	149661	242292	3.57%	0.543%
70	12.947	3699	3703	3713	rVB5	9849	14004	0.21%	0.031%
71	13.008	3713	3722	3723	rBV3	2151	2450	0.04%	0.005%
72	13.043	3723	3733	3749	rBV	355012	550384	8.11%	1.232%
73	13.162	3759	3770	3777	rBV8	6963	12147	0.18%	0.027%
74	13.213	3780	3786	3795	rVB4	9563	14628	0.22%	0.033%
75	13.268	3795	3803	3810	rBV6	16627	26330	0.39%	0.059%
76	13.368	3830	3834	3841	rVB4	7132	7689	0.11%	0.017%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

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\SFAMVLM080122WMA.M
Title : VOC Analysis

77	13.500	3861	3875	3901	rVV	4545431	6789379	100.00%	15.203%
78	13.619	3903	3912	3932	rVB	111603	185259	2.73%	0.415%
79	13.709	3935	3940	3947	rVB6	8847	12728	0.19%	0.029%
80	13.908	3993	4002	4015	rBV	26102	39932	0.59%	0.089%
81	14.088	4049	4058	4070	rBV6	29386	64406	0.95%	0.144%
82	14.233	4097	4103	4111	rVB4	12700	17267	0.25%	0.039%
83	14.291	4114	4121	4134	rVB3	29974	56107	0.83%	0.126%
84	14.358	4134	4142	4149	rBV5	5061	7110	0.10%	0.016%
85	14.435	4156	4166	4178	rBV9	13334	27567	0.41%	0.062%
86	14.573	4200	4209	4215	rBV	51532	79084	1.16%	0.177%
87	14.628	4215	4226	4253	rVB	3970386	5715842	84.19%	12.799%
88	14.744	4254	4262	4272	rBV	54138	98103	1.44%	0.220%
89	14.811	4272	4283	4297	rBV	2440904	3649317	53.75%	8.172%
90	15.361	4440	4454	4466	rBV	387052	601184	8.85%	1.346%
91	15.548	4498	4512	4520	rBV	185121	308915	4.55%	0.692%
92	15.663	4537	4548	4573	rBV	417103	745234	10.98%	1.669%
93	15.808	4583	4593	4600	rBV	588943	924718	13.62%	2.071%
94	15.847	4600	4605	4621	rVB	324410	474356	6.99%	1.062%
95	16.011	4647	4656	4657	rBV	59219	71851	1.06%	0.161%
96	16.178	4699	4708	4721	rBV	69013	107736	1.59%	0.241%
97	16.284	4732	4741	4755	rVB3	44912	75240	1.11%	0.168%
98	16.483	4792	4803	4825	rBV	1091640	1717784	25.30%	3.846%
99	16.782	4886	4896	4912	rVB	103603	195948	2.89%	0.439%
100	16.911	4931	4936	4947	rVB	25439	35389	0.52%	0.079%

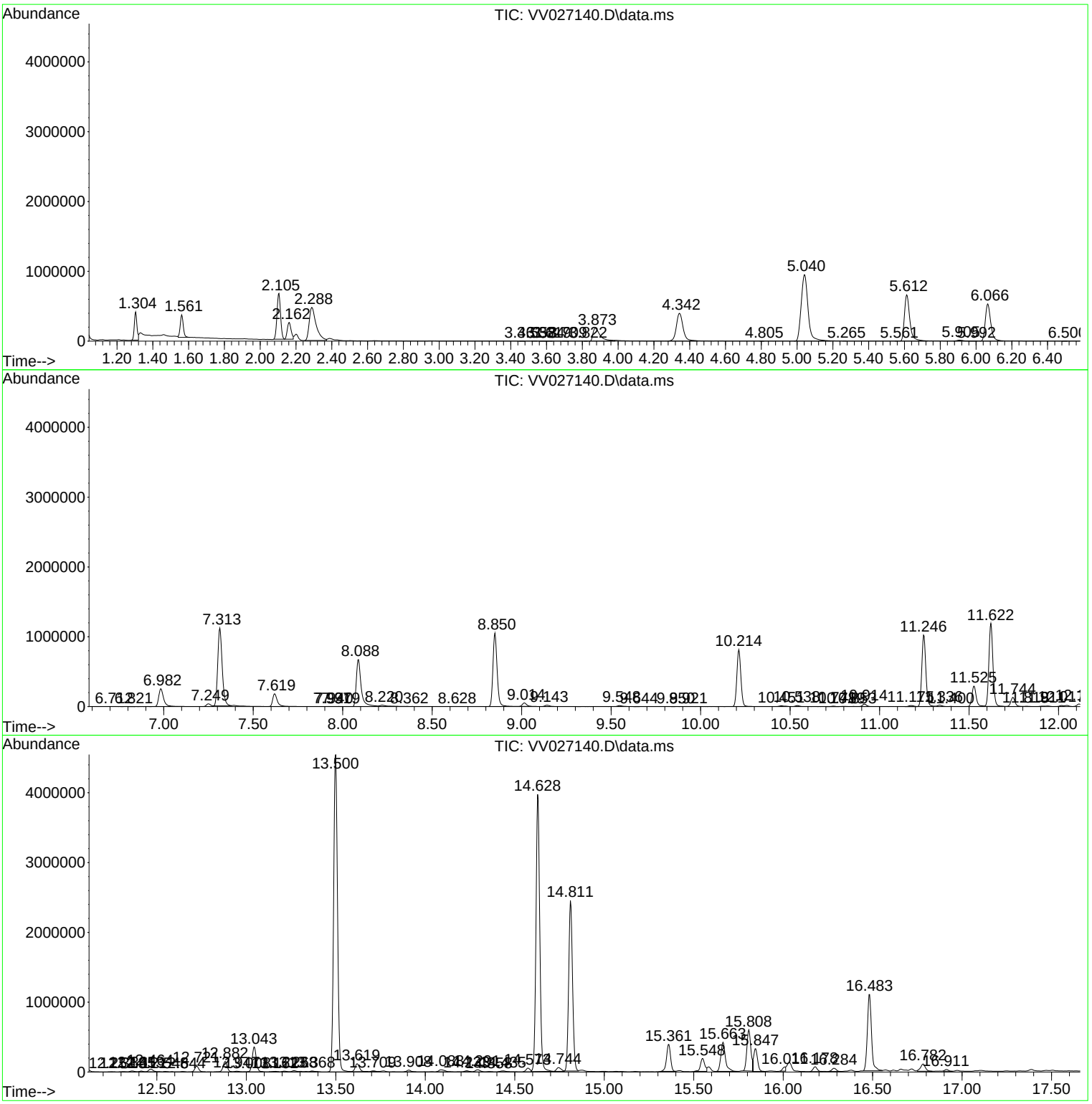
Sum of corrected areas: 44658862

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

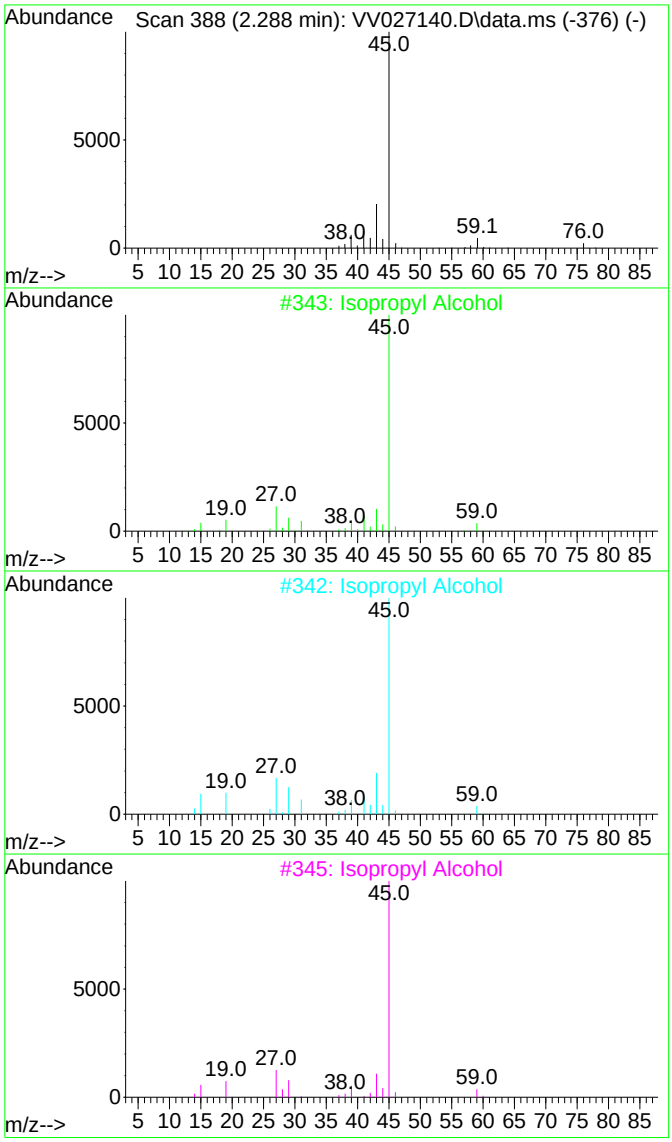
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

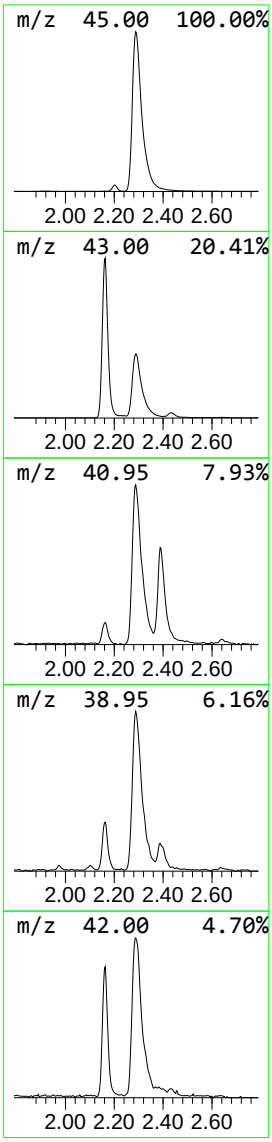
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.288	46.22 ug/L	1268460	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

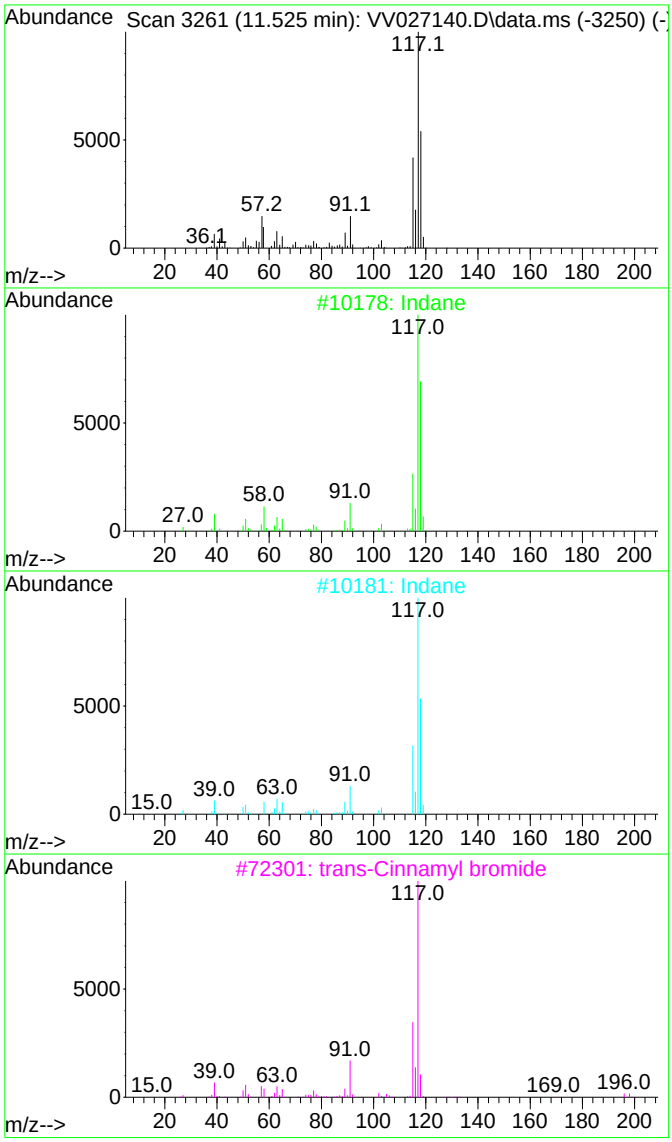
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

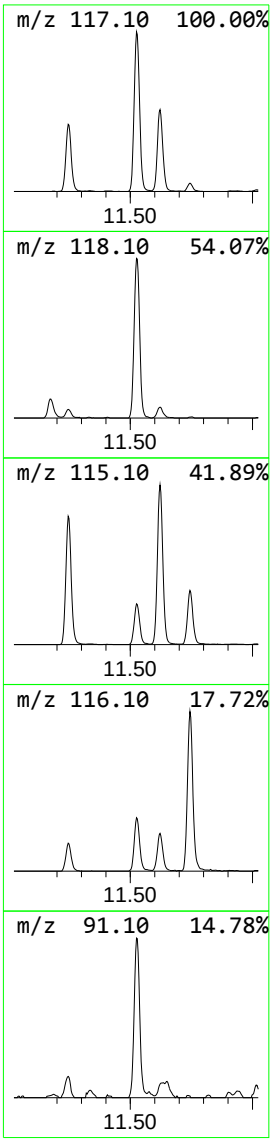
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.525	14.99 ug/L	477573	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	76
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	58
5	Indane	118	C9H10	000496-11-7	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

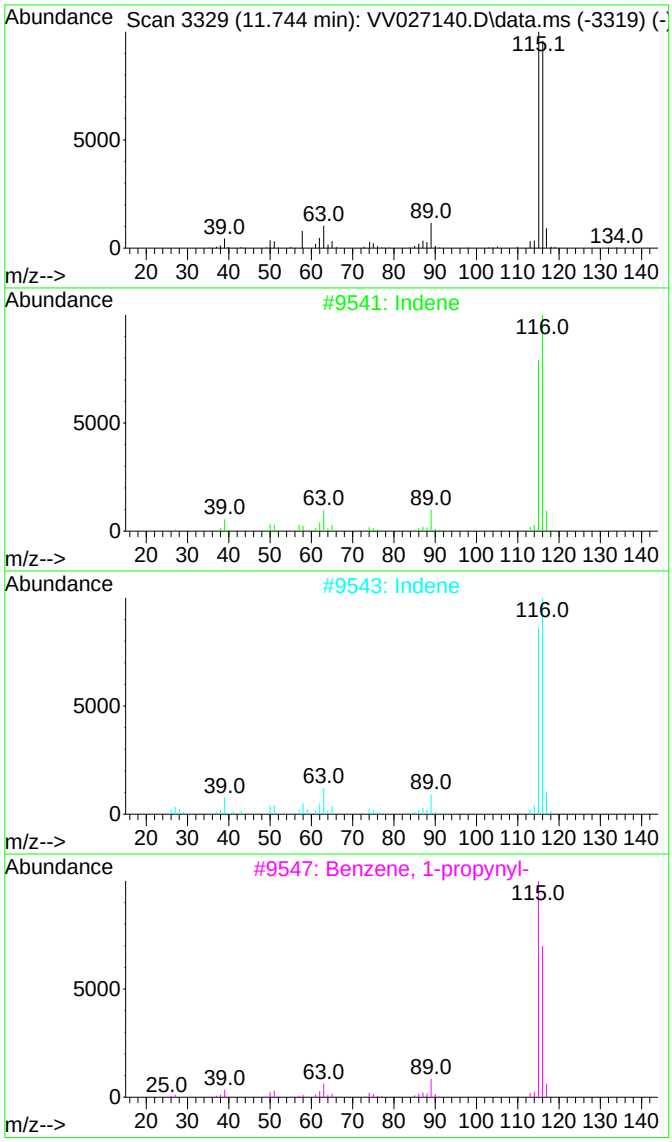
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

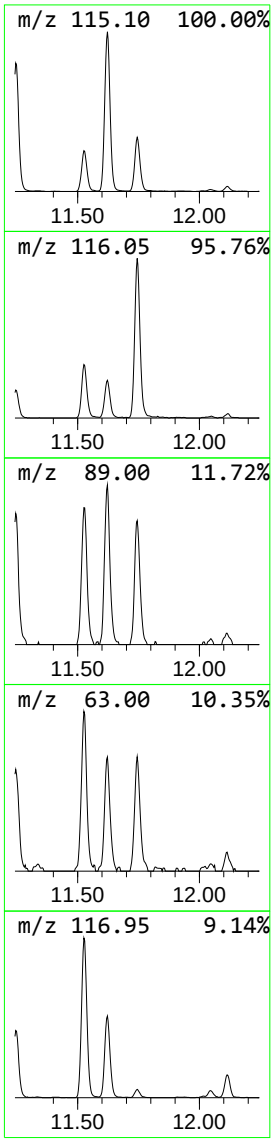
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.744	6.60 ug/L	210450	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

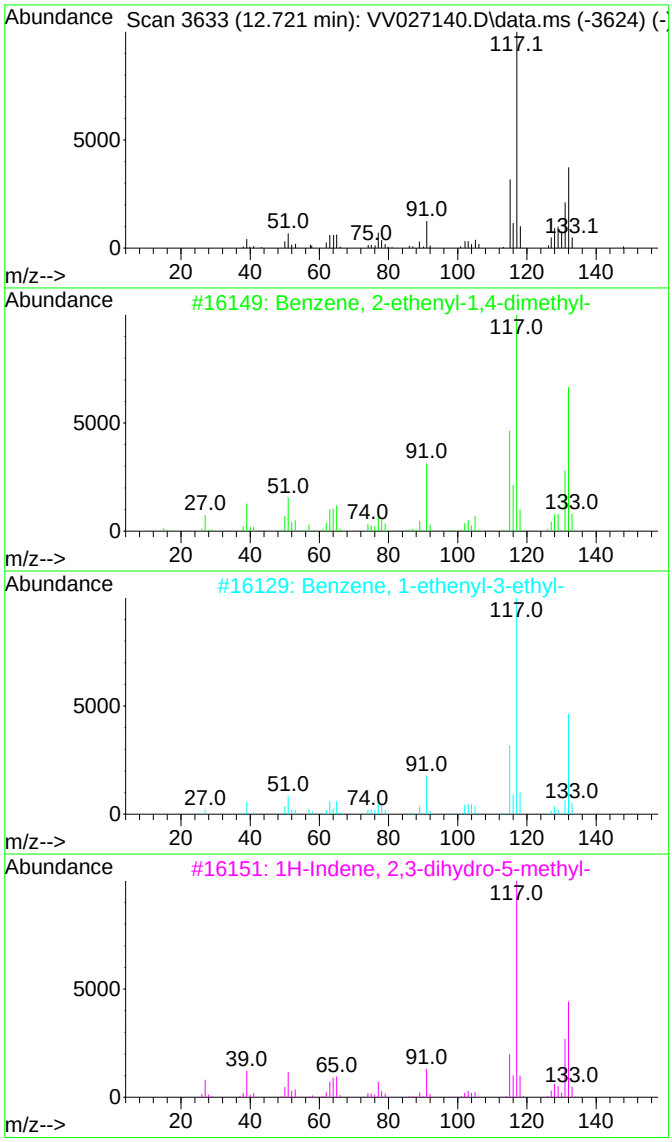
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

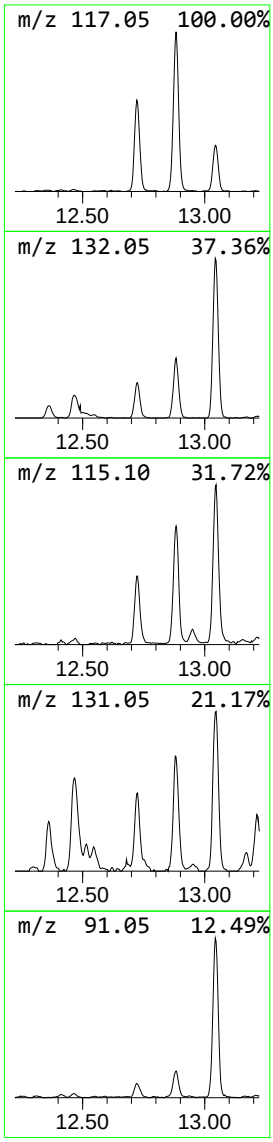
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	3.95 ug/L	125899	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

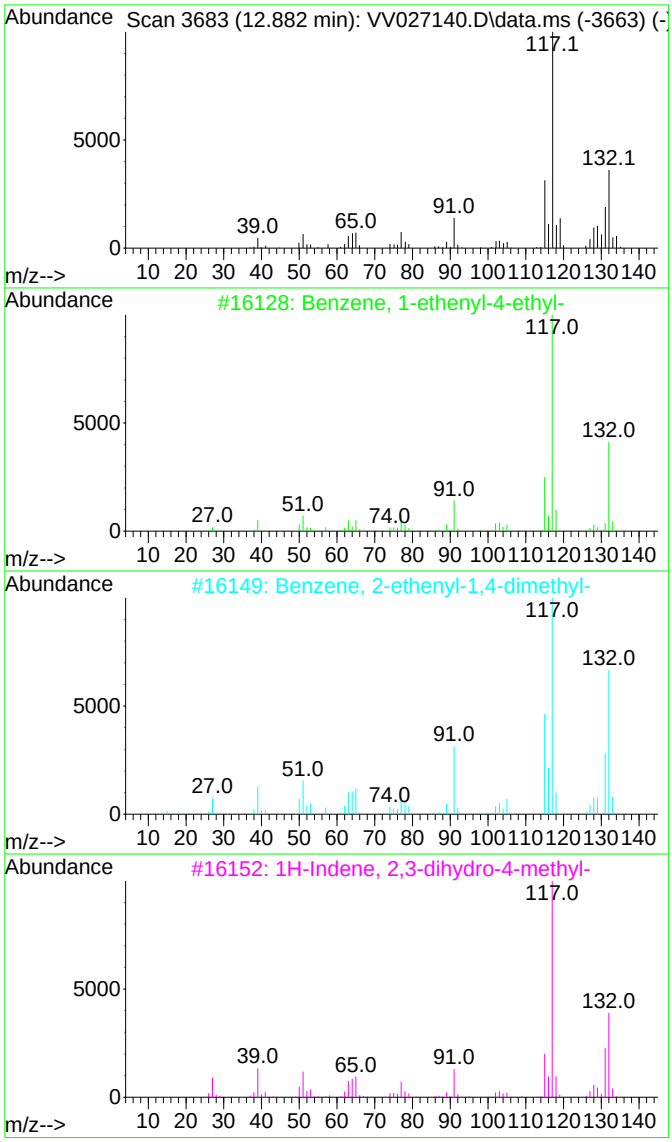
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

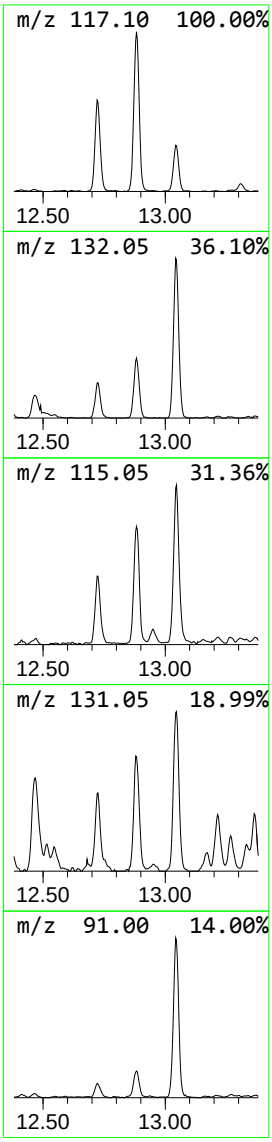
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.882	7.60 ug/L	242292	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

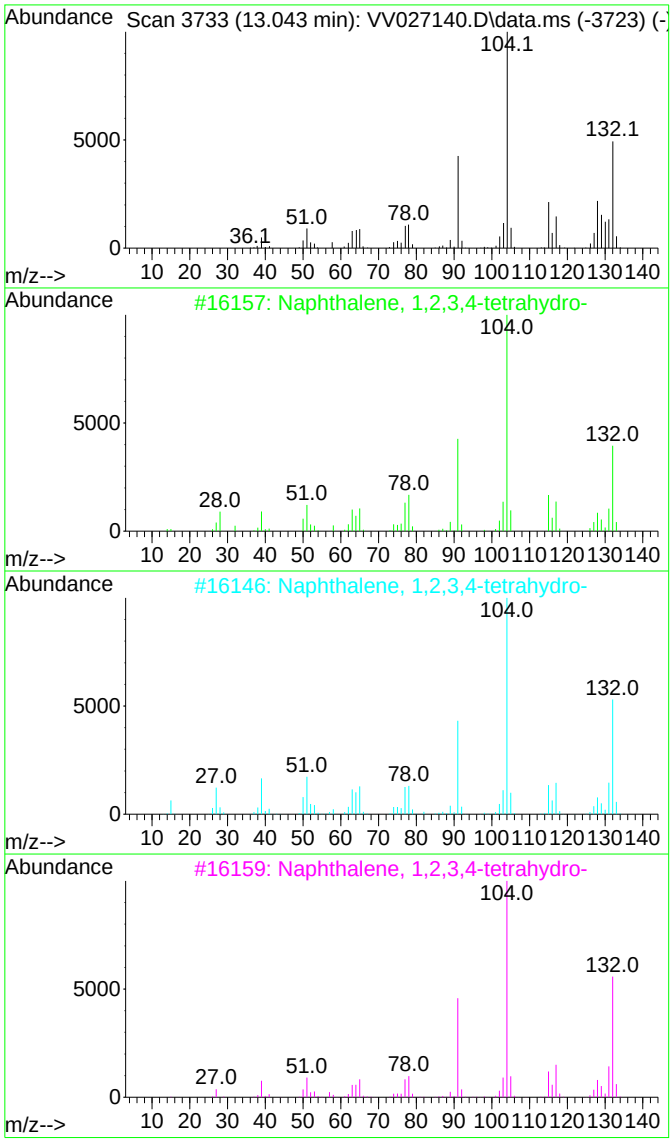
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

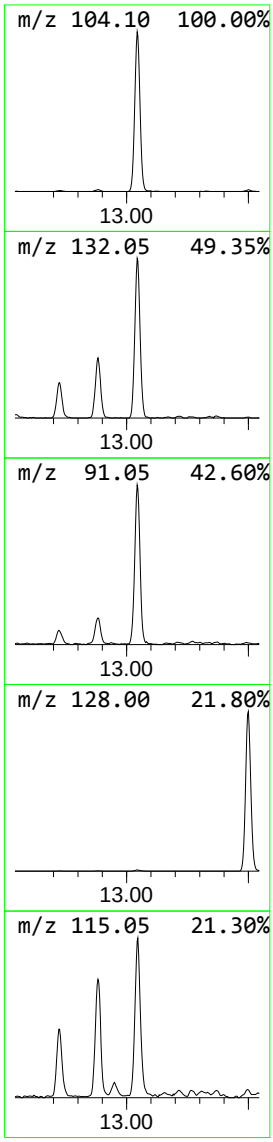
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	17.27 ug/L	550384	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

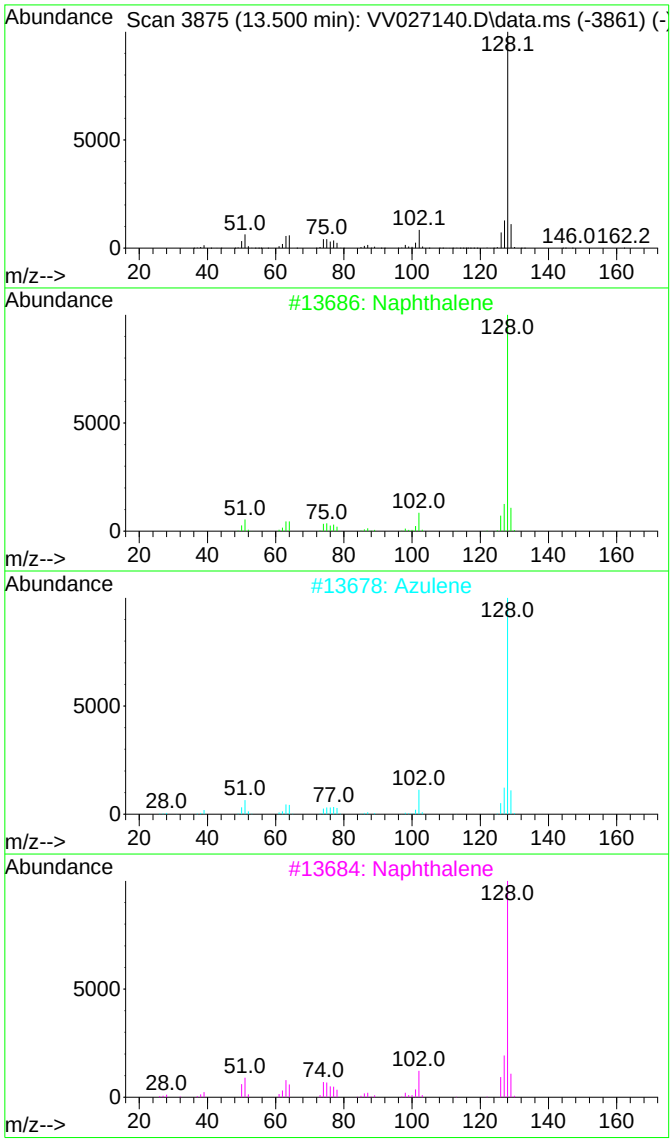
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

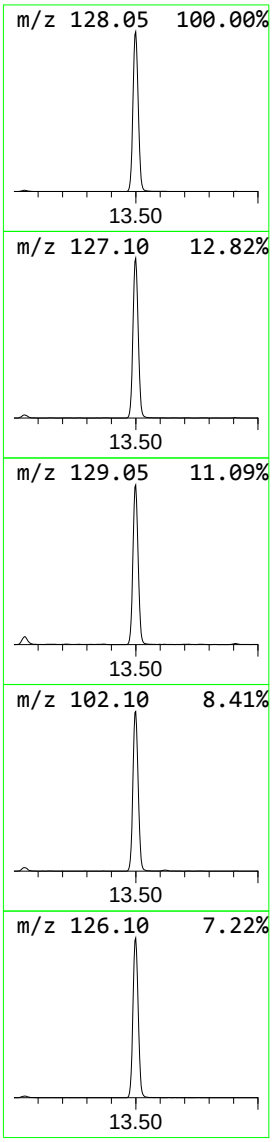
****

Peak Number 8 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.500	213.05 ug/L	6789380	1,4-Dichlorobenzene-d4	11.246

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

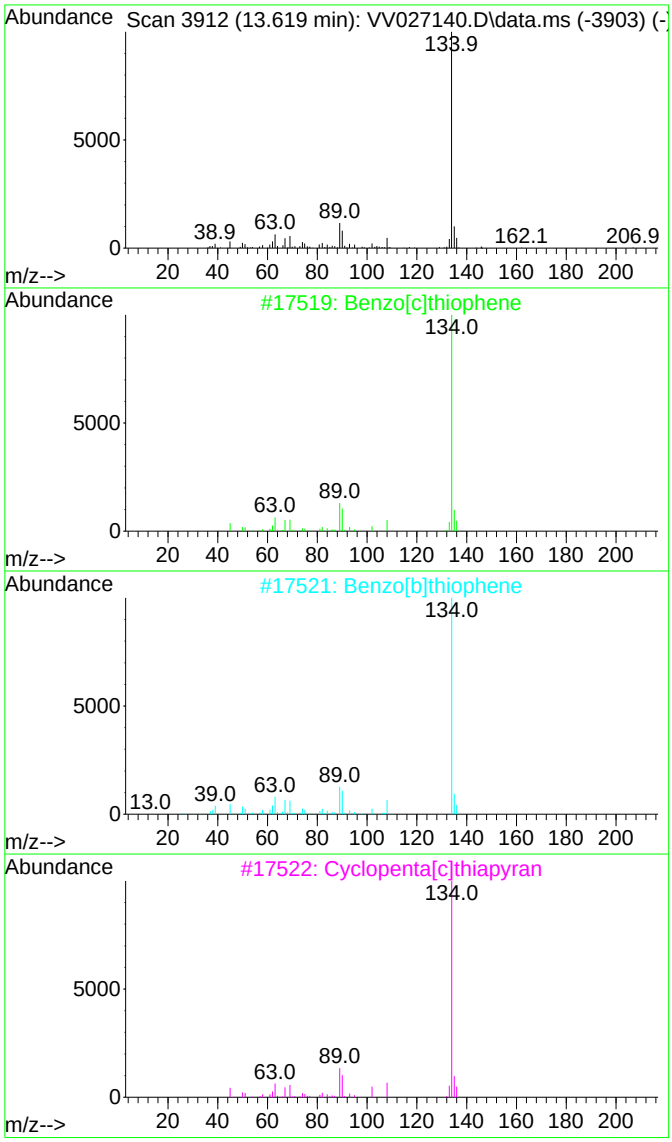
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

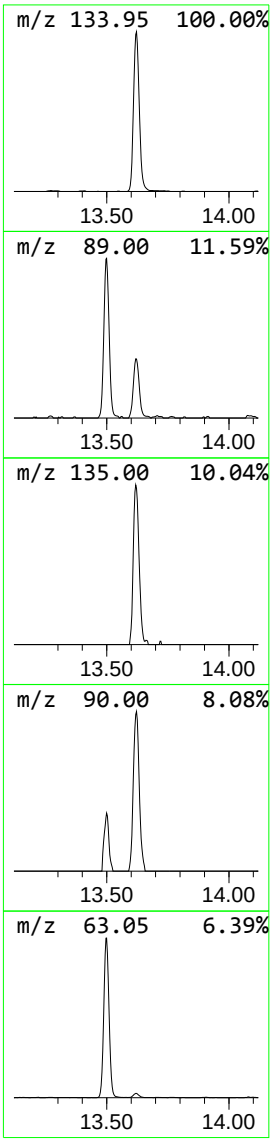
****

Peak Number 9 Benzo[c]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	5.81 ug/L	185259	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

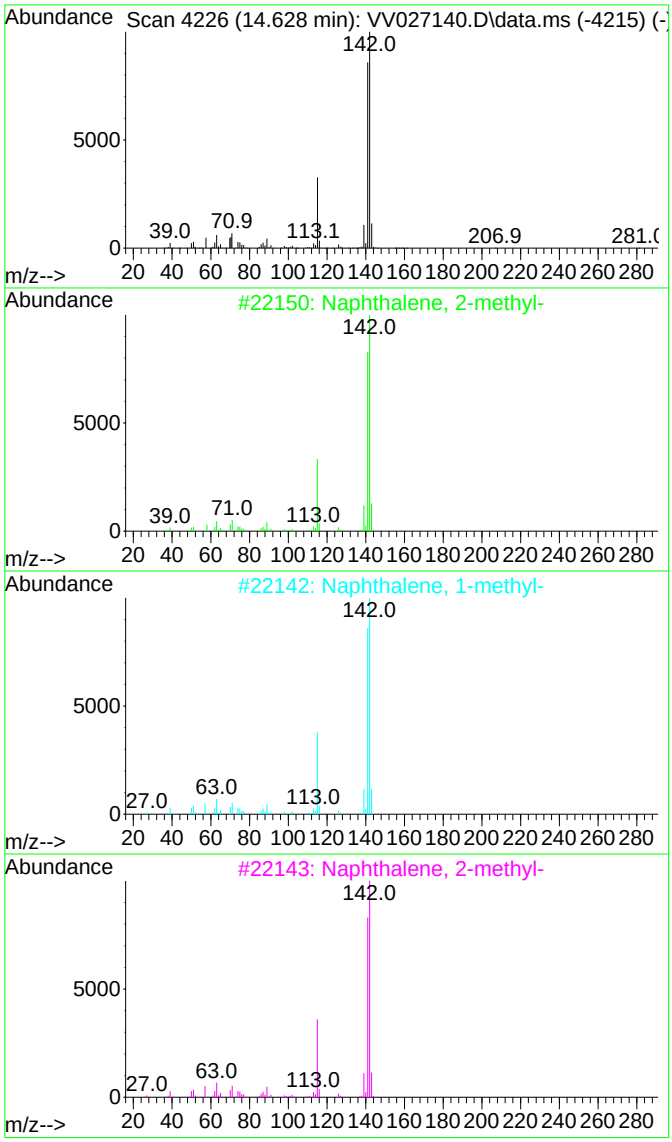
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

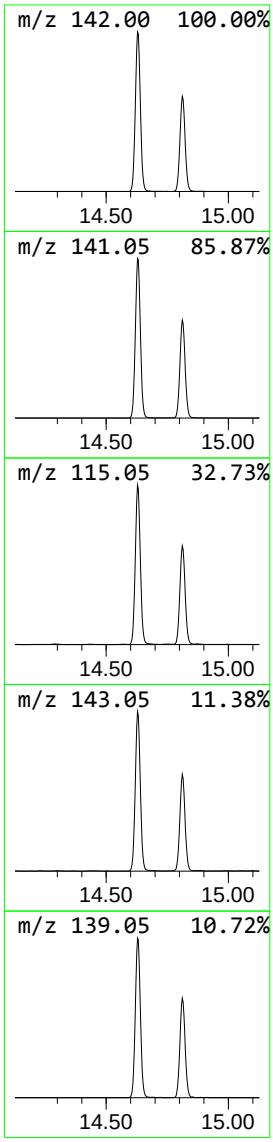
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.628	179.37 ug/L	5715840	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

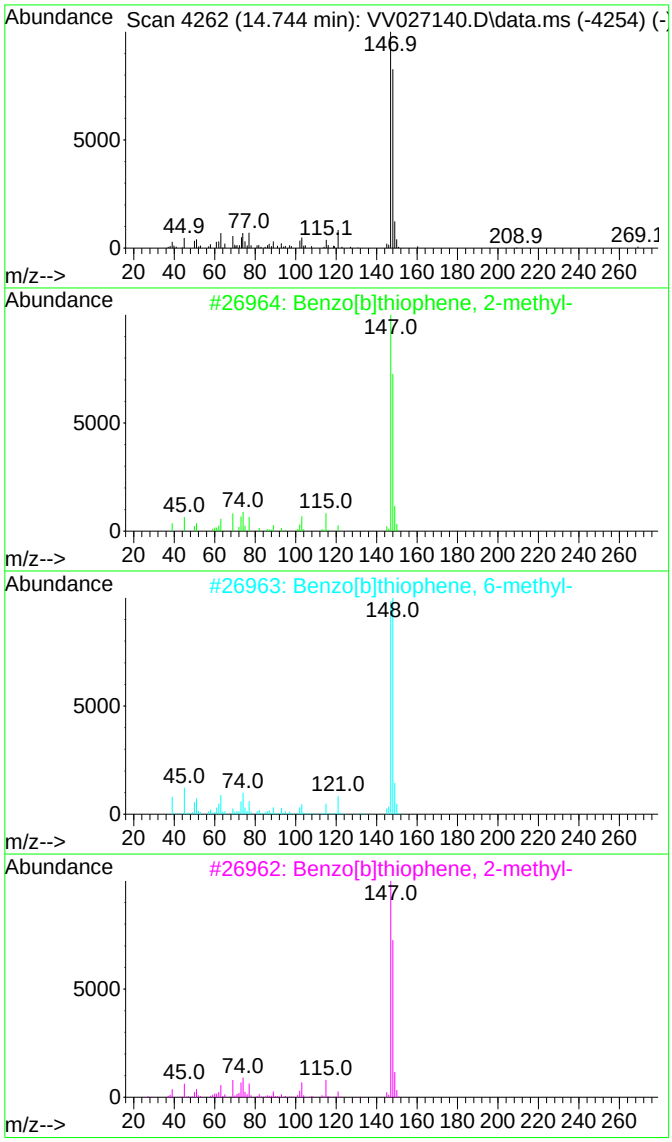
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

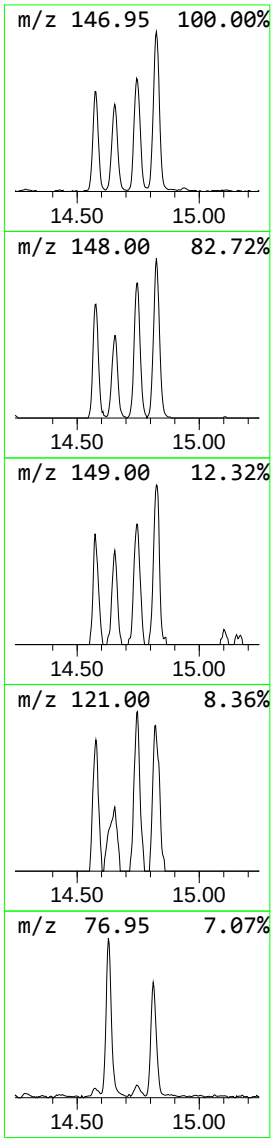
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]thiophene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.744	3.08 ug/L	98103	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

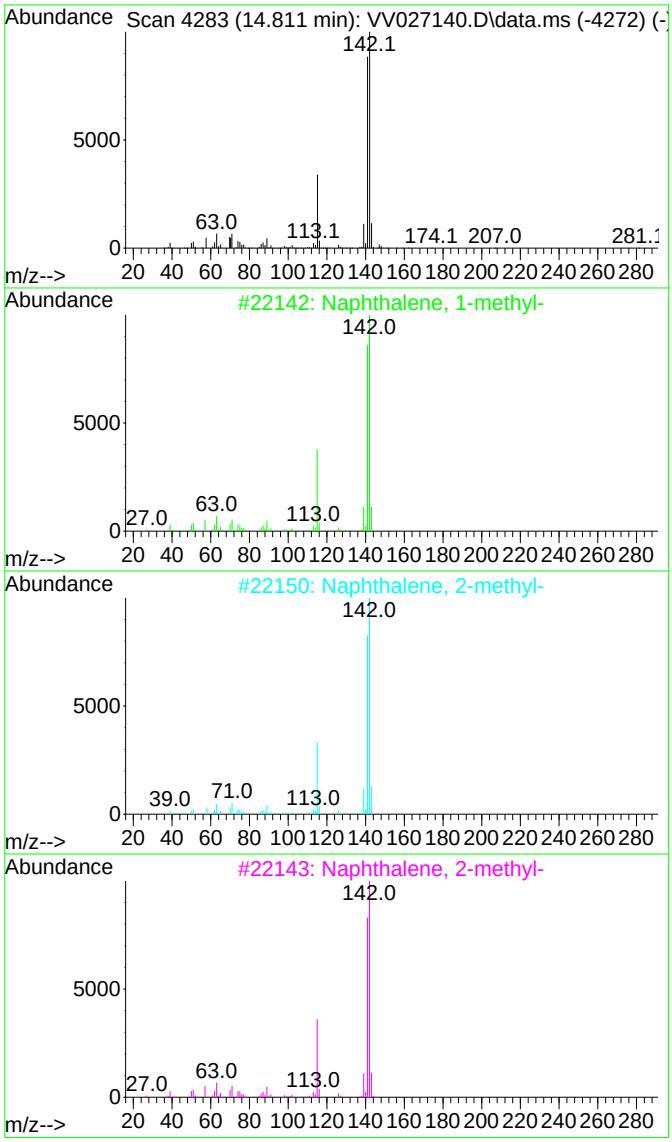
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

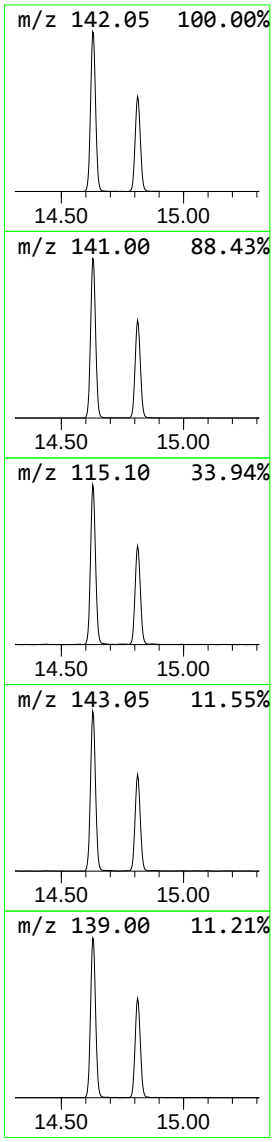
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.811	114.52 ug/L	3649320	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

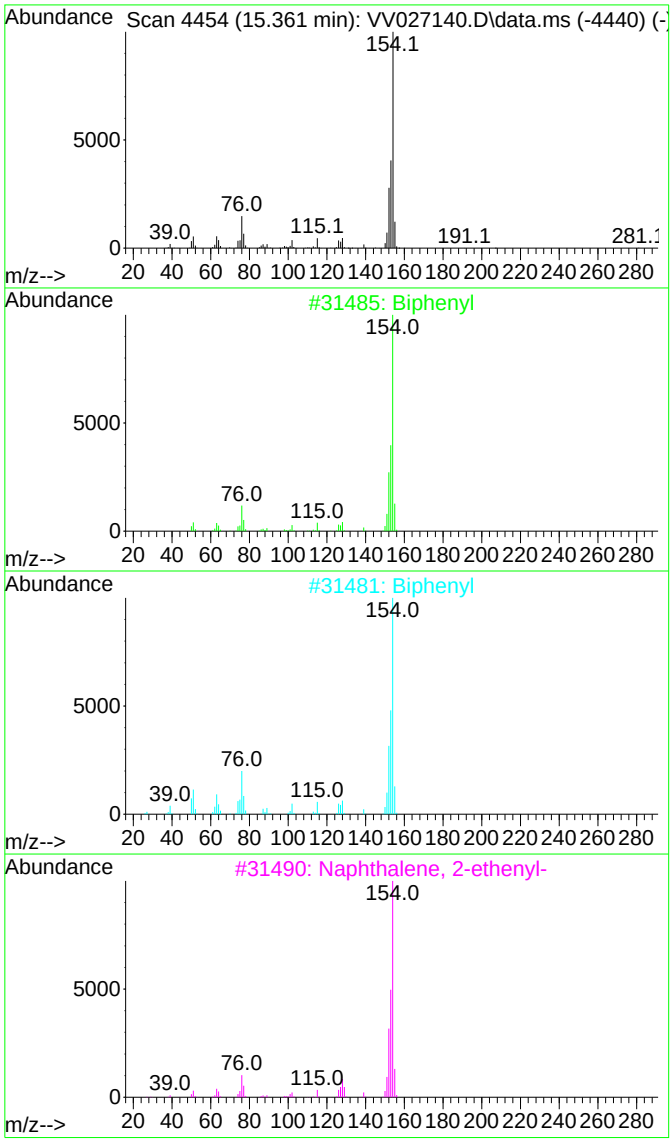
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

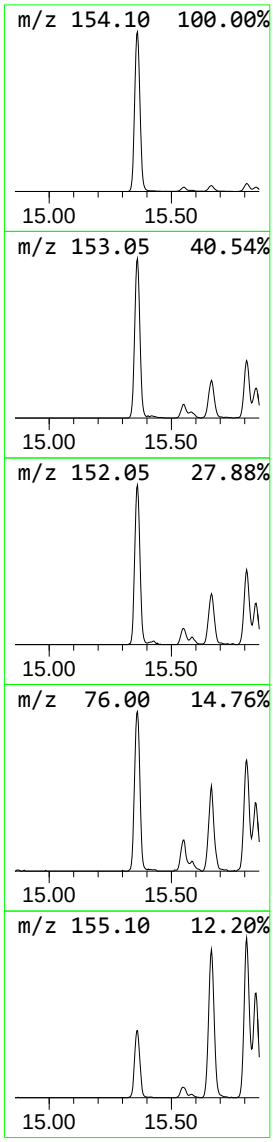
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.361	18.87 ug/L	601184	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
4	Biphenyl	154	C12H10	000092-52-4	76
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

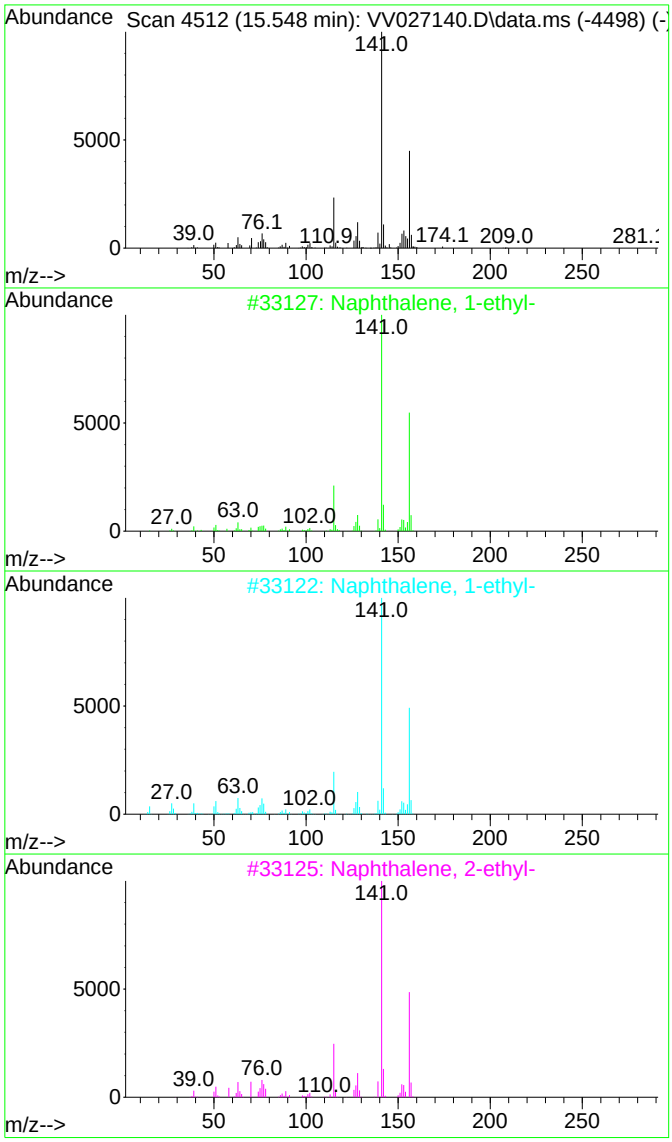
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

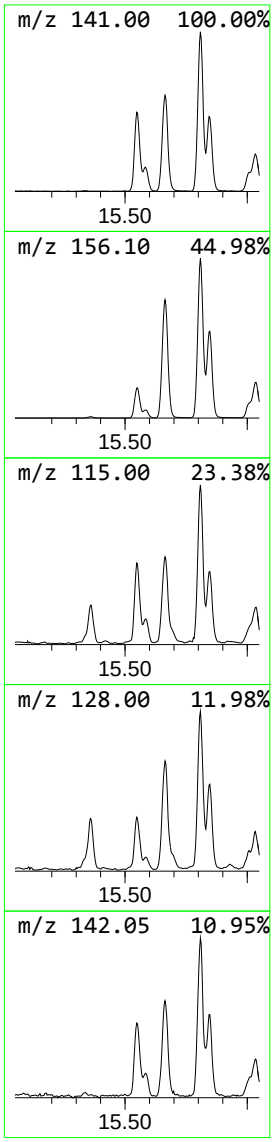
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	9.69 ug/L	308915	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

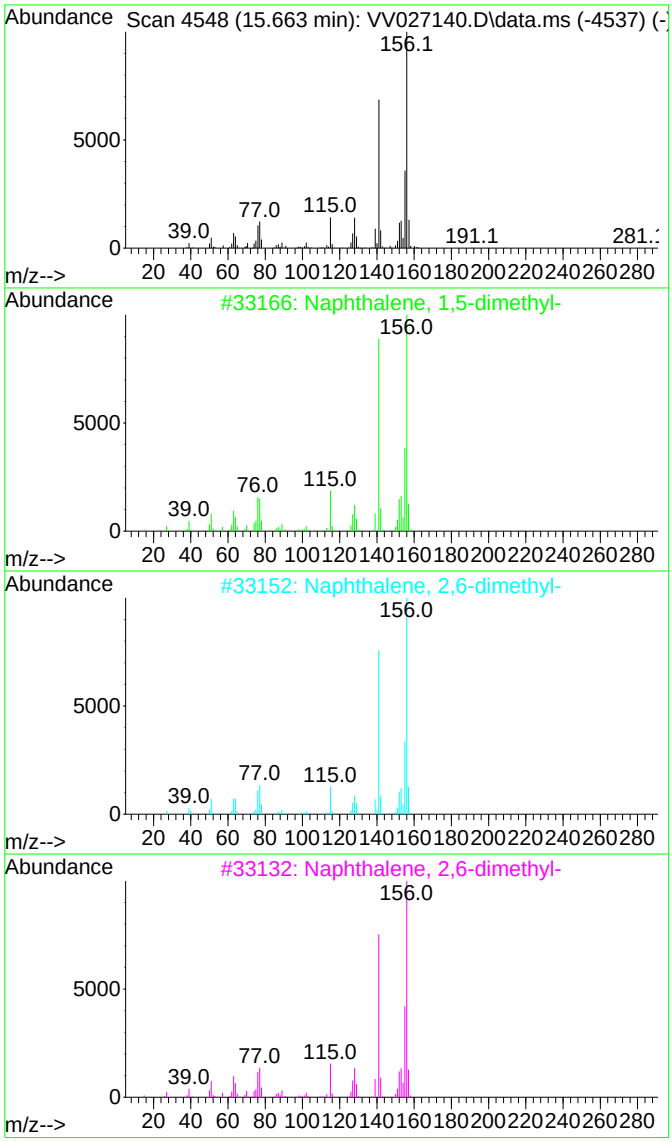
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

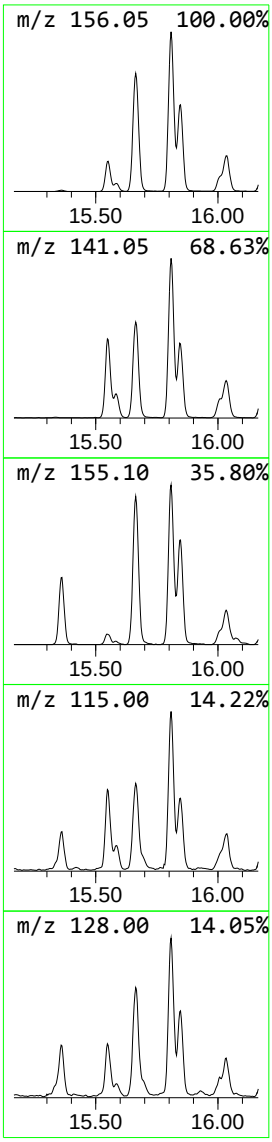
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.664	23.39 ug/L	745234	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

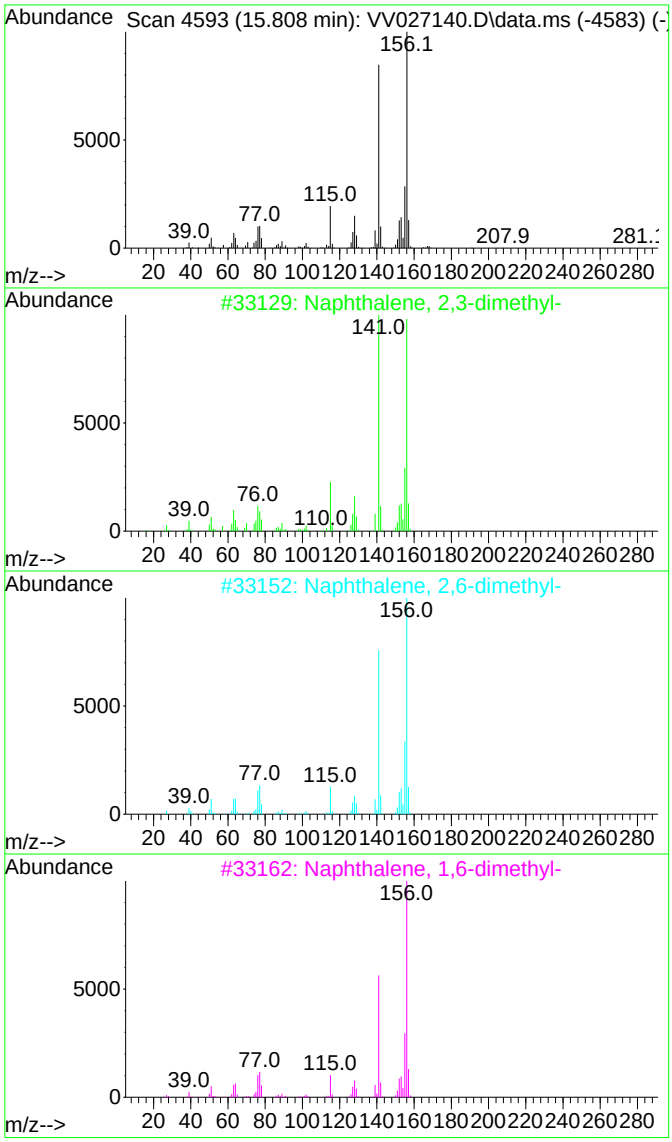
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

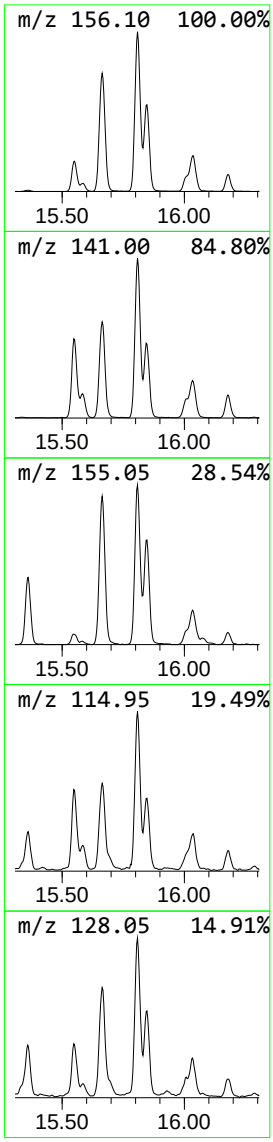
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.808	29.02 ug/L	924718	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

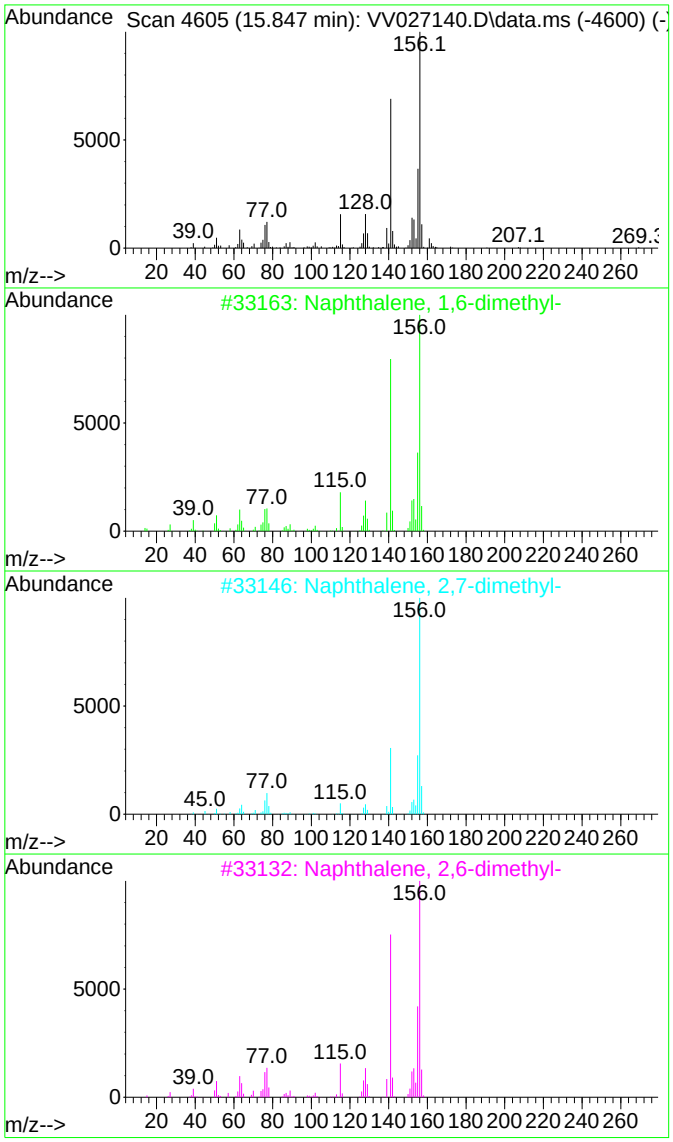
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

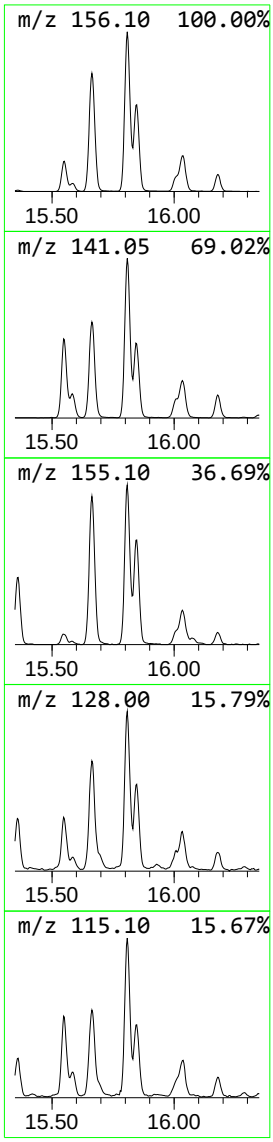
****

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.847	14.89 ug/L	474356	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

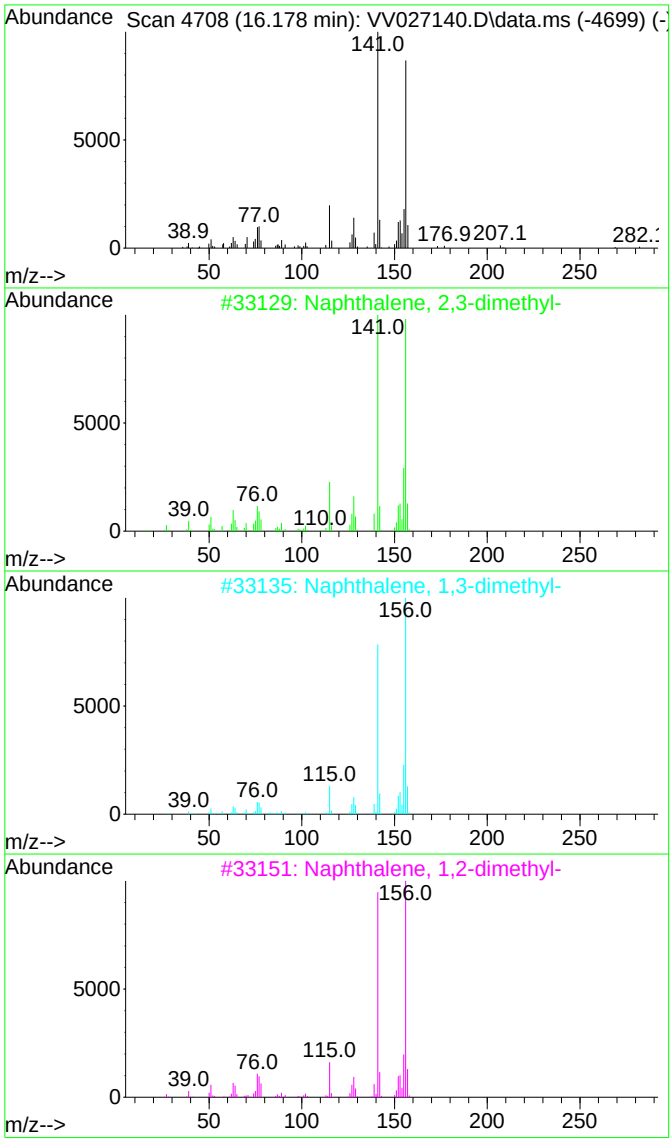
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

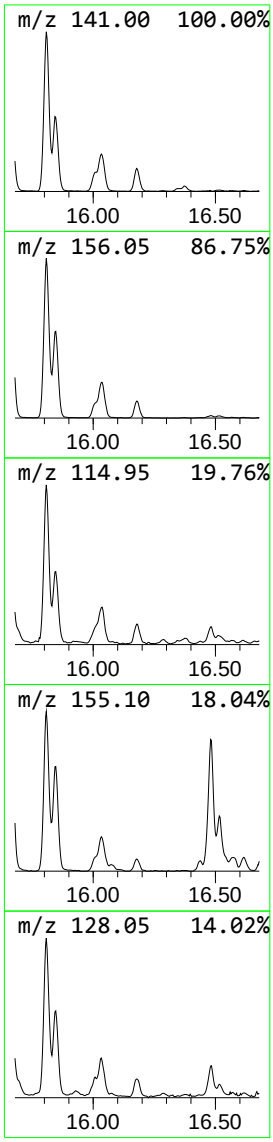
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	3.38 ug/L	107736	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

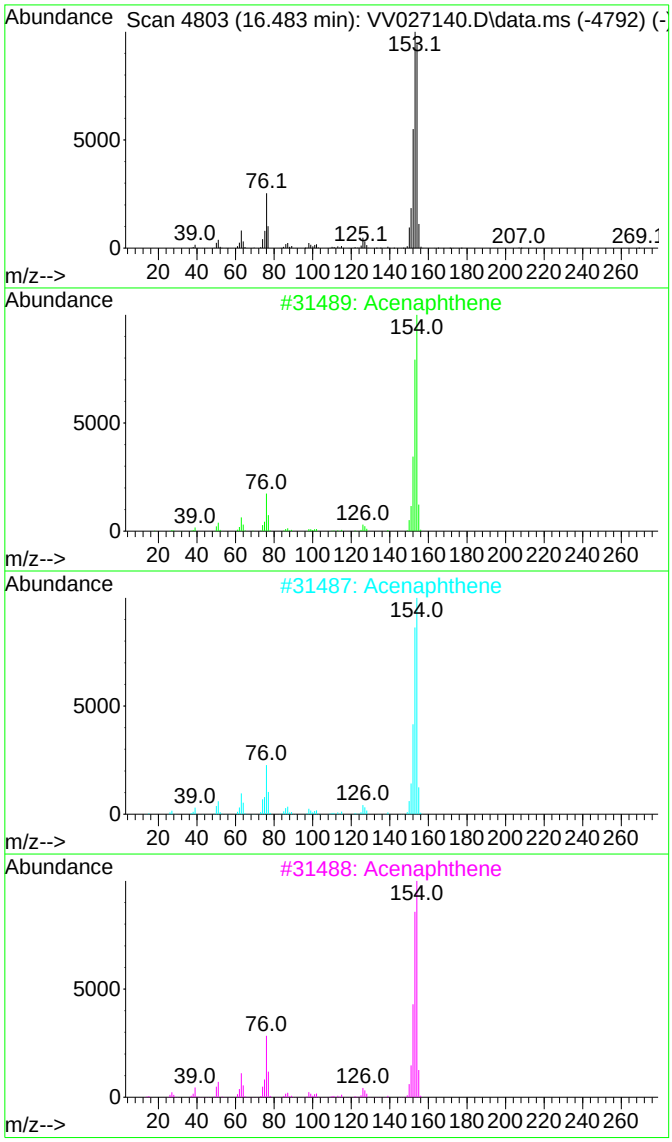
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

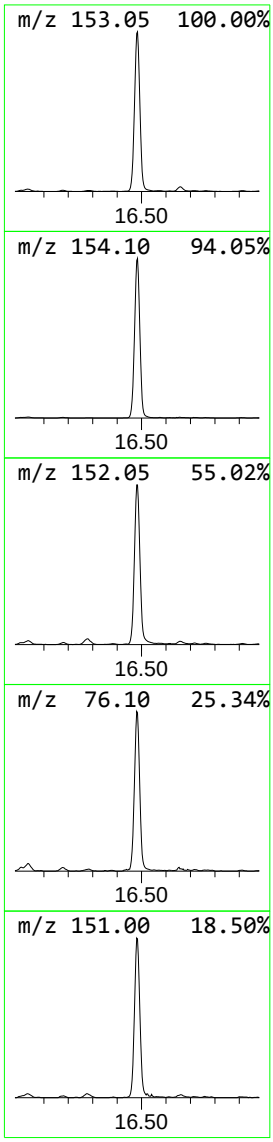
****

Peak Number 19 Acenaphthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	53.90 ug/L	1717780	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	Acenaphthene	154	C12H10	000083-32-9	91
3	Acenaphthene	154	C12H10	000083-32-9	91
4	Acenaphthene	154	C12H10	000083-32-9	89
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

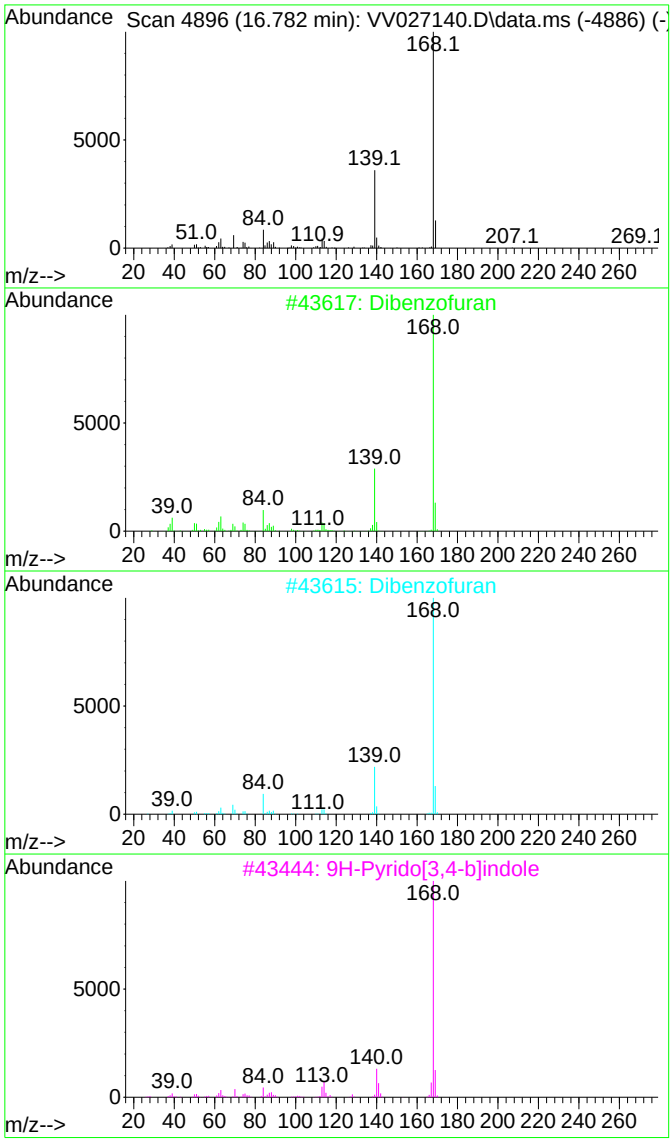
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

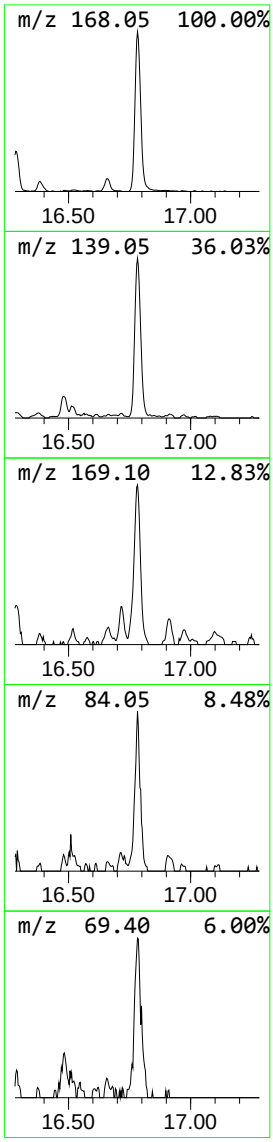
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dibenzofuran Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.782	6.15 ug/L	195948	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	86
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	72
4	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	59
5	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.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
Isopropyl Alcohol	2.288	46.2	ug/L	1268460	1	5.612	1372210	50.0
Indane	11.525	15.0	ug/L	477573	3	11.246	1593350	50.0
Indene	11.744	6.6	ug/L	210450	3	11.246	1593350	50.0
Benzene, 2-ethe...	12.722	4.0	ug/L	125899	3	11.246	1593350	50.0
Benzene, 1-ethe...	12.882	7.6	ug/L	242292	3	11.246	1593350	50.0
Naphthalene, 1,...	13.043	17.3	ug/L	550384	3	11.246	1593350	50.0
Azulene	13.500	213.1	ug/L	6789380	3	11.246	1593350	50.0
Benzo[c]thiophene	13.619	5.8	ug/L	185259	3	11.246	1593350	50.0
Naphthalene, 2-...	14.628	179.4	ug/L	5715840	3	11.246	1593350	50.0
Benzo[b]thiophe...	14.744	3.1	ug/L	98103	3	11.246	1593350	50.0
Naphthalene, 1-...	14.811	114.5	ug/L	3649320	3	11.246	1593350	50.0
Biphenyl	15.361	18.9	ug/L	601184	3	11.246	1593350	50.0
Naphthalene, 1-...	15.548	9.7	ug/L	308915	3	11.246	1593350	50.0
Naphthalene, 1,...	15.664	23.4	ug/L	745234	3	11.246	1593350	50.0
Naphthalene, 2,...	15.808	29.0	ug/L	924718	3	11.246	1593350	50.0
Naphthalene, 1,...	15.847	14.9	ug/L	474356	3	11.246	1593350	50.0
Naphthalene, 1,...	16.178	3.4	ug/L	107736	3	11.246	1593350	50.0
Acenaphthene	16.483	53.9	ug/L	1717780	3	11.246	1593350	50.0
Dibenzofuran	16.782	6.2	ug/L	195948	3	11.246	1593350	50.0