LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SFAMVTR111723WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV032998.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	67	74	86	rBV	152577	159736	3.91%	0.338%
2	1.532	146	153	171	rVB	111985	136731	3.35%	0.290%
3	2.060	306	317	330	rBV	213971	308581	7.55%	0.654%
4	3.790	846	855	880	rBV2	79372	224931	5.50%	0.476%
5	4.249	981	998	1019	rBV	142103	367240	8.99%	0.778%
6	4.960	1198	1219	1227	rBV2	332980	806144	19.73%	1.708%
7	5.011	1228	1235	1258	rVB	353724	778057	19.04%	1.648%
8	5.535	1387	1398	1426	rBV	236737	504394	12.34%	1.068%
9	5.989	1528	1539	1560	rBV	186740	394789	9.66%	0.836%
10	6.915	1814	1827	1847	rBV	81087	157052	3.84%	0.333%
11	7.246	1919	1930	1946	rBV	374910	648289	15.87%	1.373%
12	7.323	1946	1954	1967	rVB	41552	68996	1.69%	0.146%
13	7.558	2017	2027	2048	rBV3	48058	123533	3.02%	0.262%
14	8.024	2161	2172	2202	rBV	326137	634802	15.54%	1.345%
15	8.285	2242	2253	2264	rBV	120394	216273	5.29%	0.458%
16	8.442	2291	2302	2313	rVB6	23702	45420	1.11%	0.096%
17	8.526	2313	2328	2340	rBV2	26482	57459	1.41%	0.122%
18	8.786	2399	2409	2422	rBV	396084	650109	15.91%	1.377%
19	8.950	2444	2460	2472	rBV	137251	251017	6.14%	0.532%
20	9.082	2494	2501	2512	rVB3	62236	110670	2.71%	0.234%
21	9.407	2584	2602	2612	rBV6	44217	111012	2.72%	0.235%
22	9.484	2618	2626	2648	rVB	61629	120840	2.96%	0.256%
23	9.638	2657	2674	2684	rBV4	63800	135280	3.31%	0.287%
24	9.735	2695	2704	2729	rVB7	40991	96102	2.35%	0.204%
25	10.156	2825	2835	2856	rVB2	130893	325606	7.97%	0.690%
26	10.317	2867	2885	2900	rBV4	25930	88916	2.18%	0.188%
27	10.410	2901	2914	2926	rVV2	57421	126338	3.09%	0.268%
28	10.677	2984	2997	3016	rBV	94521	177841	4.35%	0.377%
29	11.188	3146	3156	3174	rBV	427192	662273	16.21%	1.403%
30	11.275	3175	3183	3194	rBV	87729	136614	3.34%	0.289%
31	11.468	3231	3243	3245	rBV	352290	461608	11.30%	0.978%
32	11.564	3260	3273	3290	rVB5	520123	1065260	26.07%	2.256%
33	11.686	3302	3311	3322	rVB2	84321	130989	3.21%	0.277%
34	11.760	3325	3334	3345	rBV	42103	71288	1.74%	0.151%
35	11.857	3353	3364	3381	rVB3	149540	326938	8.00%	0.693%
36	11.956	3382	3395	3416	rBV	1387979	2109385	51.63%	4.468%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SFAMVTR111723WMA.M
Title : TRACE VOA SFAM1.0

37	12.053	3416	3425	3445	rVV3	201892	521748	12.77%	1.105%
38	12.136	3446	3451	3459	rVB2	49526	65603	1.61%	0.139%
39	12.201	3460	3471	3478	rBV	68026	107593	2.63%	0.228%
40	12.252	3478	3487	3496	rVV	250457	386785	9.47%	0.819%
41	12.300	3496	3502	3508	rVV	51166	68665	1.68%	0.145%
42	12.352	3508	3518	3528	rVB	896917	1273911	31.18%	2.698%
43	12.413	3528	3537	3552	rBV7	71701	169531	4.15%	0.359%
44	12.490	3553	3561	3567	rBV4	77809	116989	2.86%	0.248%
45	12.526	3567	3572	3583	rVV2	72196	124136	3.04%	0.263%
46	12.583	3583	3590	3598	rVB	129673	172148	4.21%	0.365%
47	12.664	3609	3615	3623	rVB	60065	78063	1.91%	0.165%
48	12.821	3646	3664	3674	rBV2	887234	1437578	35.18%	3.045%
49	12.886	3674	3684	3695	rVV3	257733	458451	11.22%	0.971%
50	12.989	3707	3716	3736	rVB3	270338	522915	12.80%	1.108%
51	13.156	3758	3768	3776	rBV	266989	404407	9.90%	0.857%
52	13.210	3776	3785	3793	rBV2	275171	407722	9.98%	0.864%
53	13.307	3809	3815	3821	rVB	160990	183800	4.50%	0.389%
54	13.339	3822	3825	3841	rVB	113180	153342	3.75%	0.325%
55	13.429	3841	3853	3861	rBV	2059655	3176284	77.74%	6.728%
56	13.477	3862	3868	3877	rVB3	497323	840945	20.58%	1.781%
57	13.535	3877	3886	3899	rVB4	489601	1061231	25.97%	2.248%
58	13.606	3899	3908	3915	rBV	668217	1020338	24.97%	2.161%
59	13.651	3915	3922	3932	rVB2	842792	1227330	30.04%	2.600%
60	13.706	3932	3939	3948	rVB	406386	580622	14.21%	1.230%
61	13.757	3948	3955	3971	rVB	230727	368122	9.01%	0.780%
62	13.847	3972	3983	3994	rBV2	387495	735185	17.99%	1.557%
63	13.905	3996	4001	4007	rBV3	82737	101653	2.49%	0.215%
64	13.979	4018	4024	4031	rVB	149452	199770	4.89%	0.423%
65	14.037	4031	4042	4051	rVV3	841681	1502554	36.77%	3.183%
66	14.085	4052	4057	4066	rVV	257643	358483	8.77%	0.759%
67	14.165	4066	4082	4093	rVV2	513651	1145942	28.05%	2.427%
68	14.230	4094	4102	4114	rVB	526717	856150	20.95%	1.814%
69	14.339	4129	4136	4142	rBV	127214	185433	4.54%	0.393%
70	14.429	4156	4164	4175	rVB2	155013	264524	6.47%	0.560%
71	14.509	4179	4189	4198	rVV2	616416	1023015	25.04%	2.167%
72	14.558	4198	4204	4215	rVV	238397	422508	10.34%	0.895%
73	14.622	4215	4224	4239	rVB	232895	445953	10.91%	0.945%
74	14.699	4239	4248	4255	rBV5	34800	61396	1.50%	0.130%
75	14.763	4256	4268	4278	rBV4	404988	740280	18.12%	1.568%
76	14.812	4278	4283	4300	rVB2	76834	137701	3.37%	0.292%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SFAMVTR111723WMA.M
Title : TRACE VOA SFAM1.0

77	15.300	4422	4435	4448	rBV	2809991	4085963	100.00%	8.655%
78	15.365	4449	4455	4464	rVB3	54940	83973	2.06%	0.178%
79	15.525	4497	4505	4520	rVB2	142926	228678	5.60%	0.484%
80	15.603	4520	4529	4535	rBV4	61617	113851	2.79%	0.241%
81	15.750	4557	4575	4599	rVB	914396	1486516	36.38%	3.149%
82	15.950	4626	4637	4639	rBV2	203832	273020	6.68%	0.578%
83	15.976	4640	4645	4667	rVB	363551	627810	15.37%	1.330%
84	16.120	4679	4690	4703	rBV	301327	481793	11.79%	1.021%
85	16.210	4706	4718	4737	rBV	947843	1551796	37.98%	3.287%
86	16.422	4772	4784	4808	rBV	1304325	2079951	50.90%	4.406%
87	16.725	4867	4878	4900	rVB	135306	251210	6.15%	0.532%
88	16.853	4912	4918	4928	rVB2	32248	45344	1.11%	0.096%

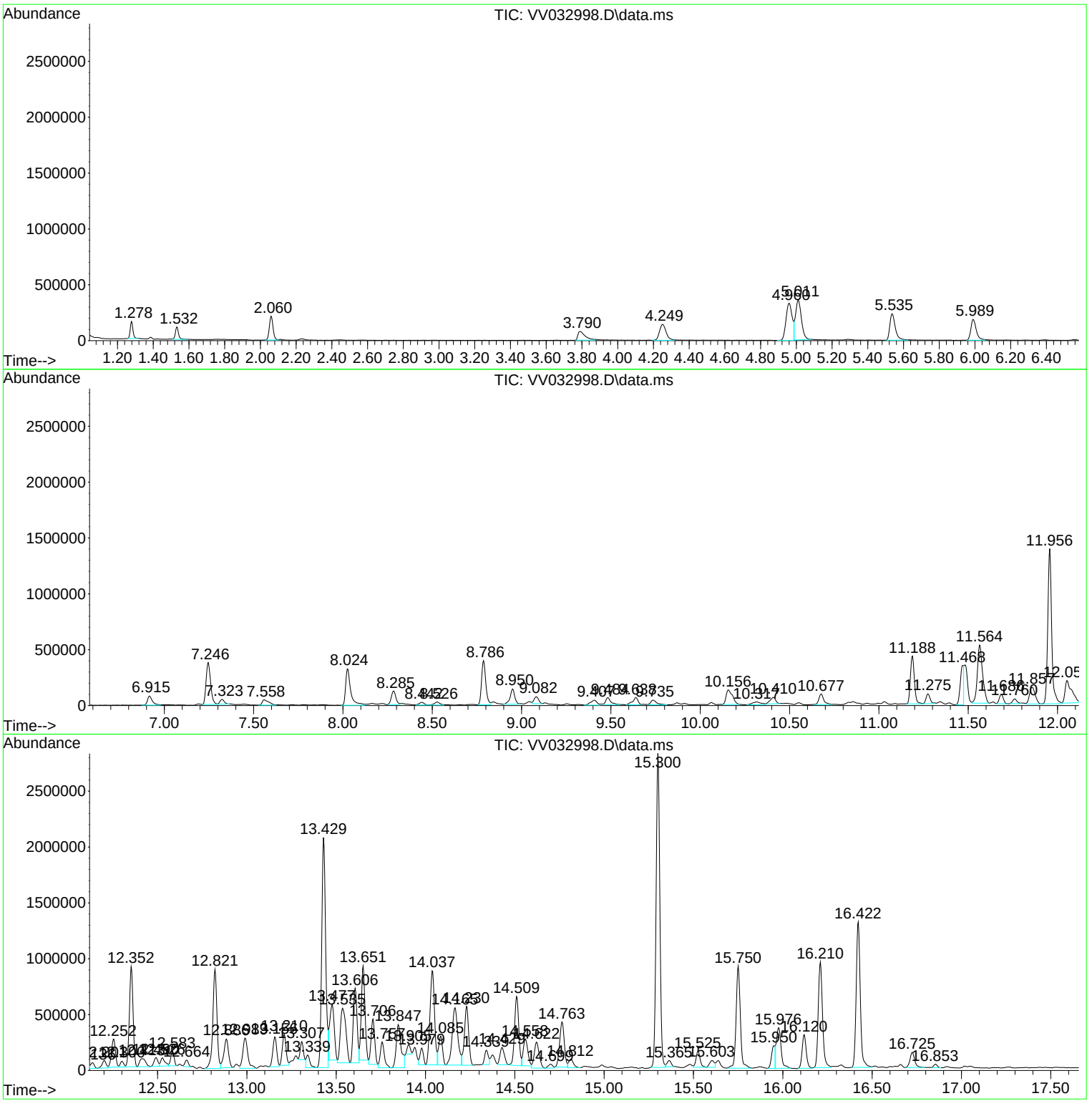
Sum of corrected areas: 47209224

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

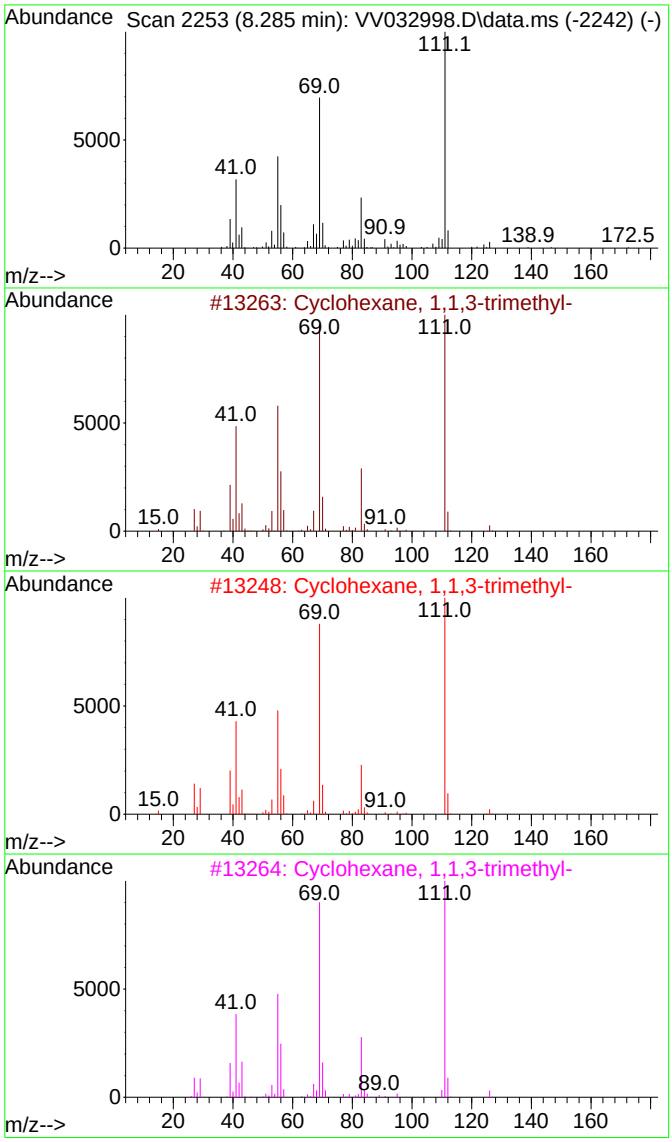
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

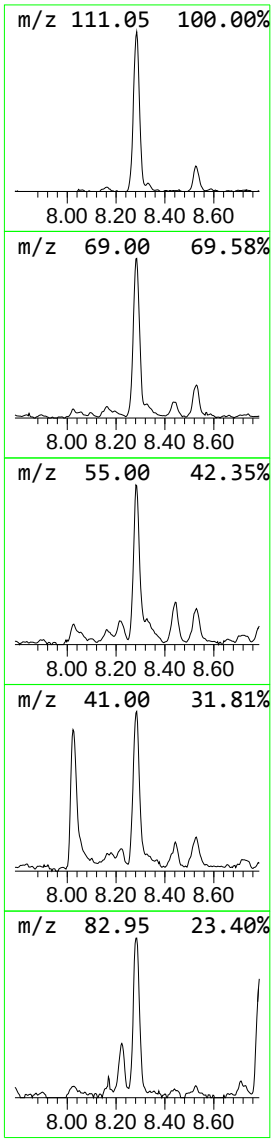
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic8.285 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.285	1.66 ug/L	216273	Chlorobenzene-d5	8.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
5	Isocytosine	111	C4H5N3O	000108-53-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

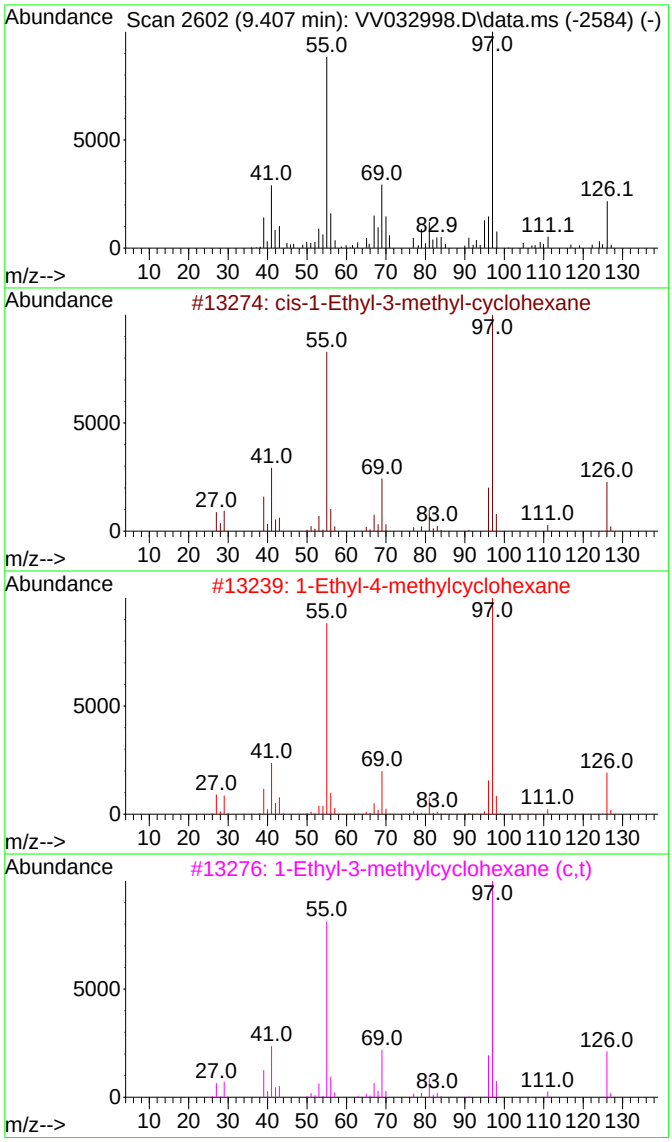
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

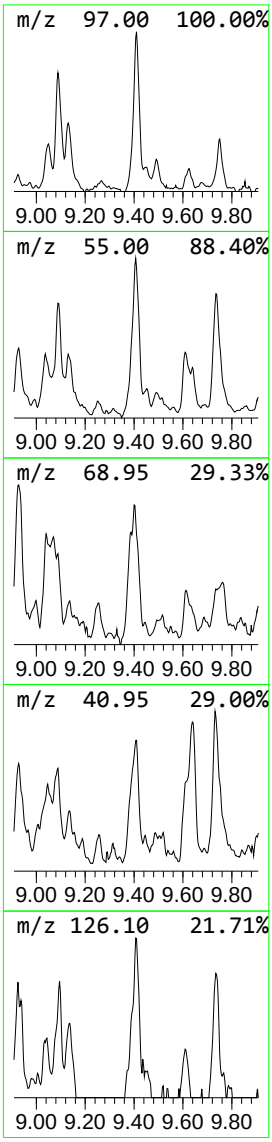
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic9.407 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.407	0.85 ug/L	111012	Chlorobenzene-d5	8.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

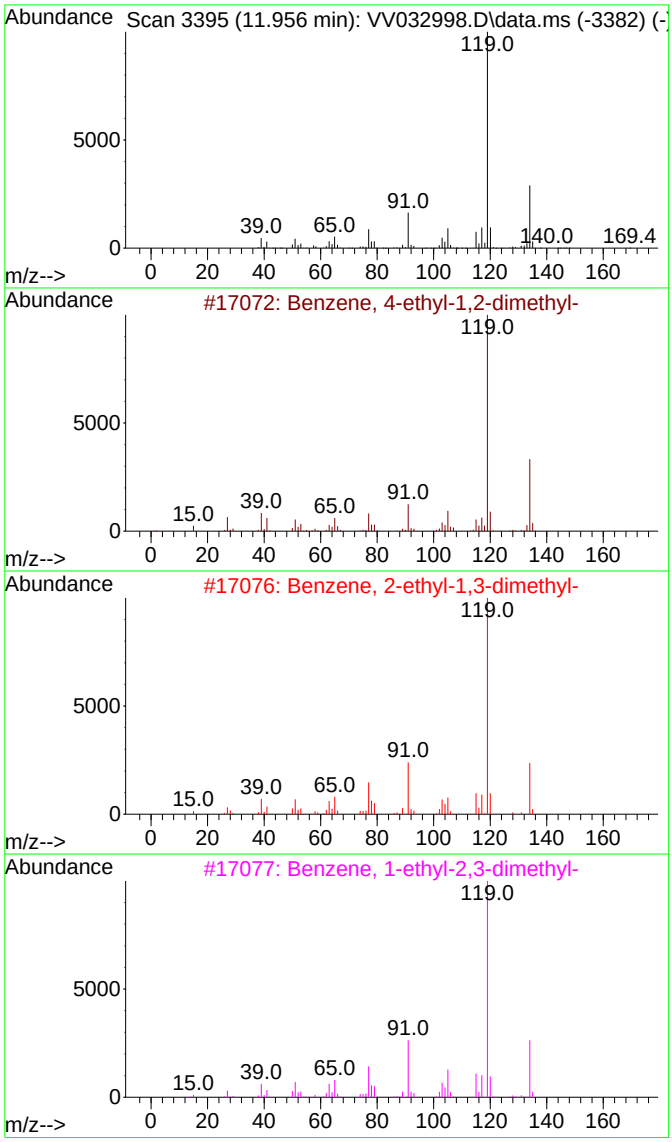
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

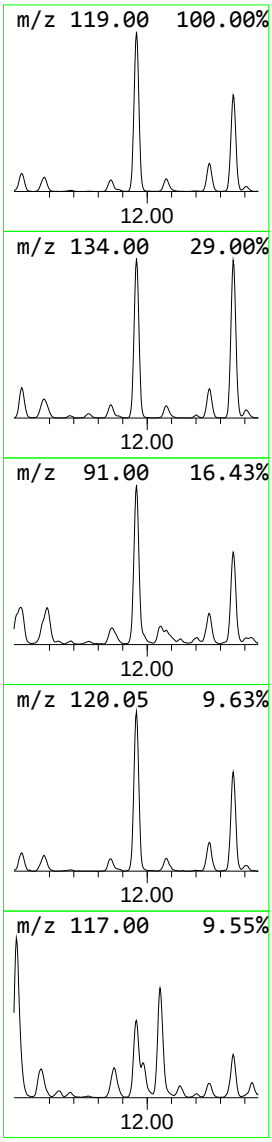
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.956	15.93 ug/L	2109390	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

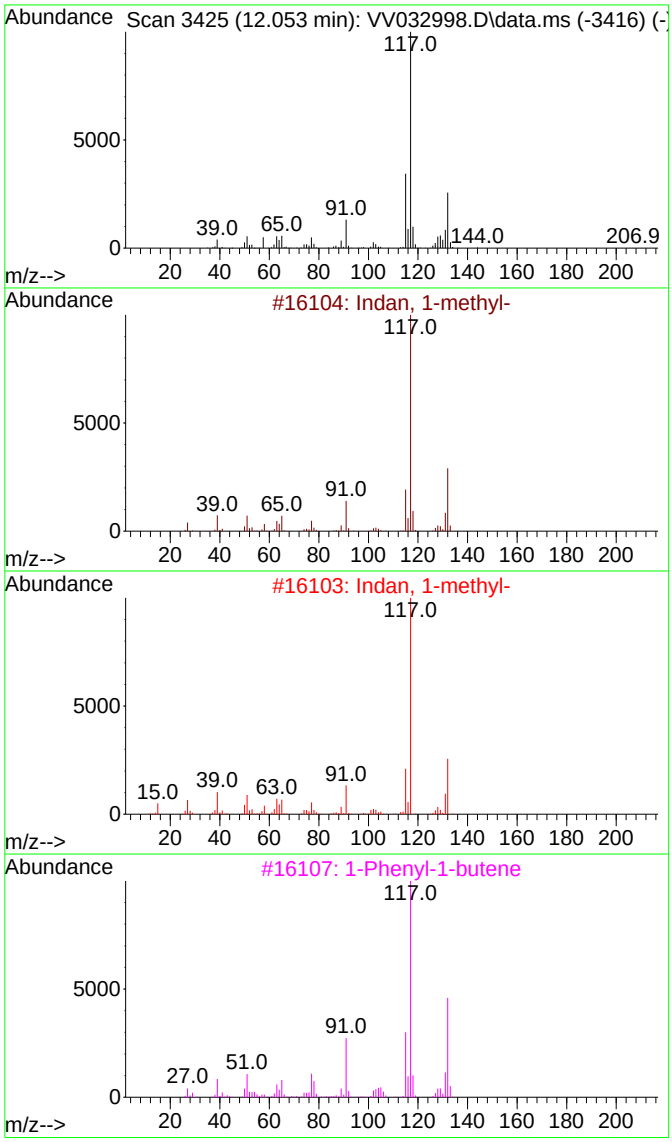
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

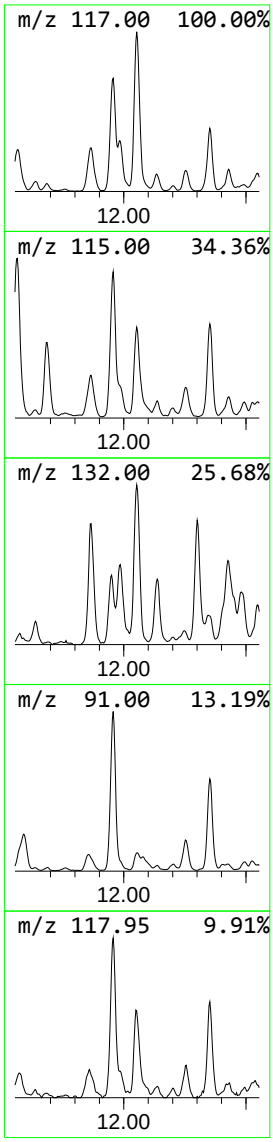
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Indan, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.053	3.94 ug/L	521748	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

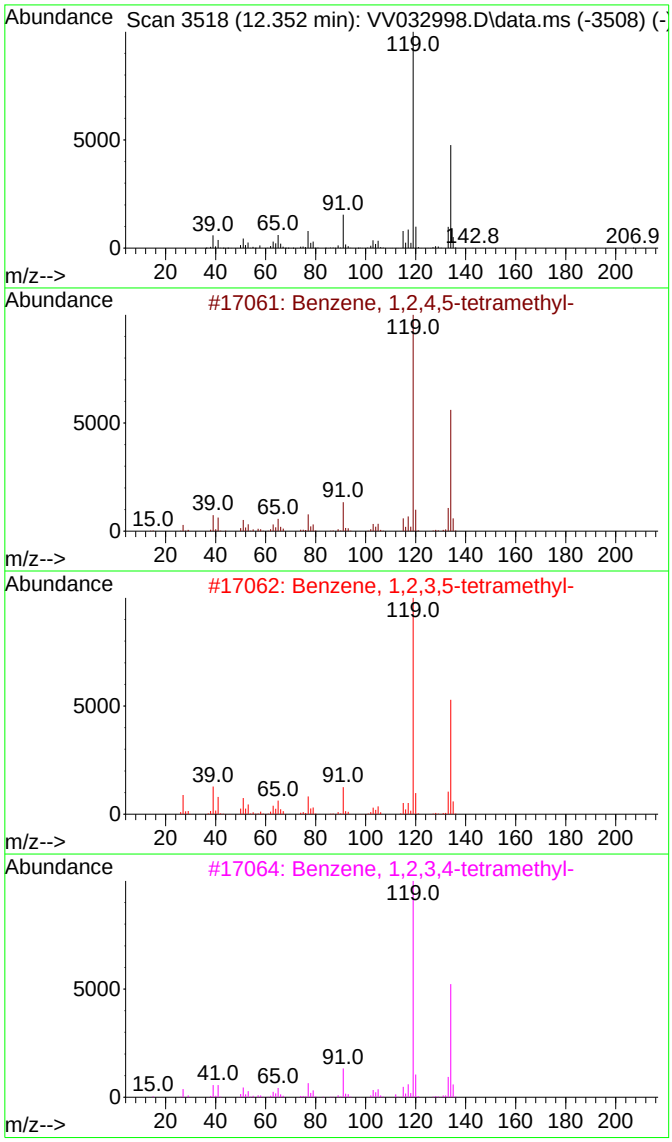
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

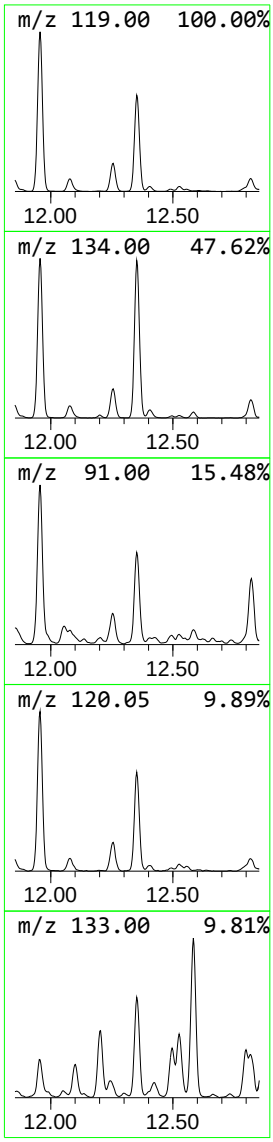
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	9.62 ug/L	1273910	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

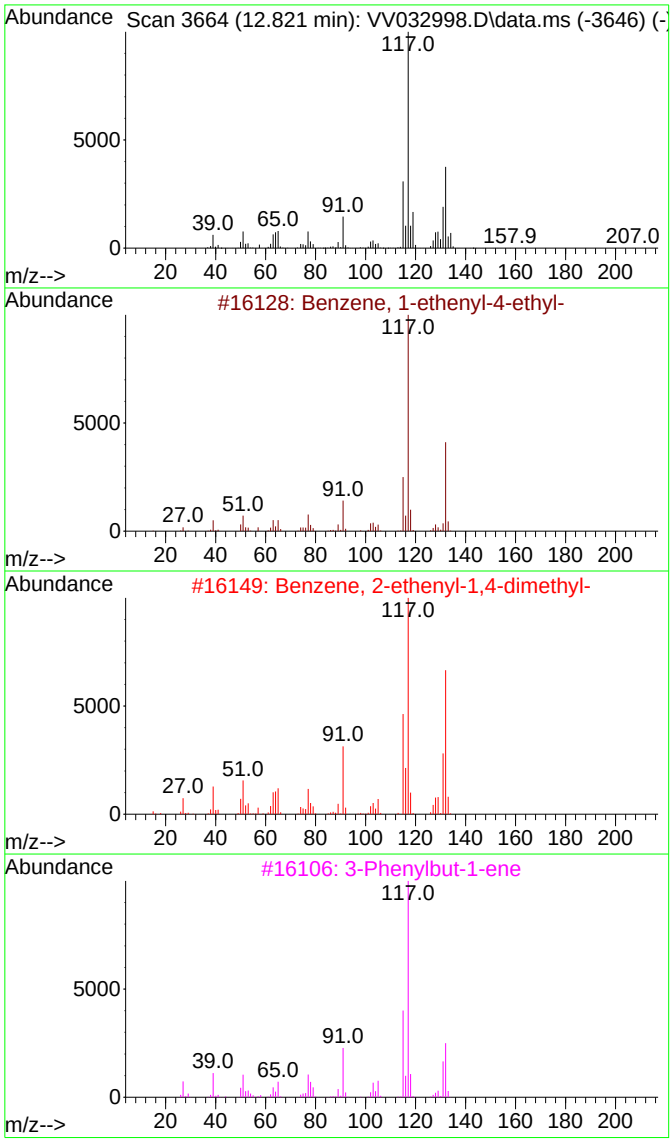
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

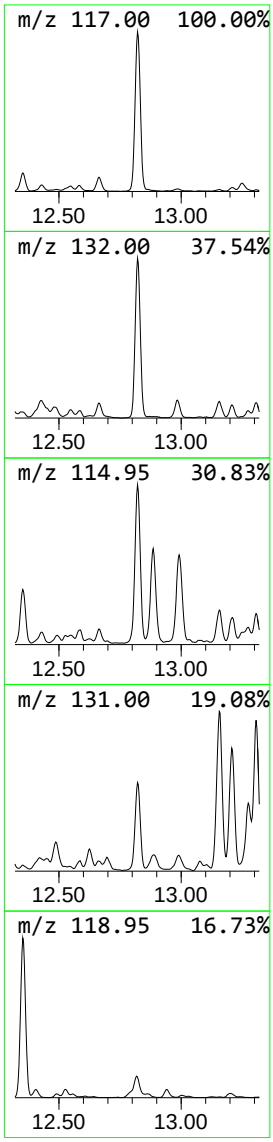
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	10.85 ug/L	1437580	1,4-Dichlorobenzene-d4	11.188

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	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

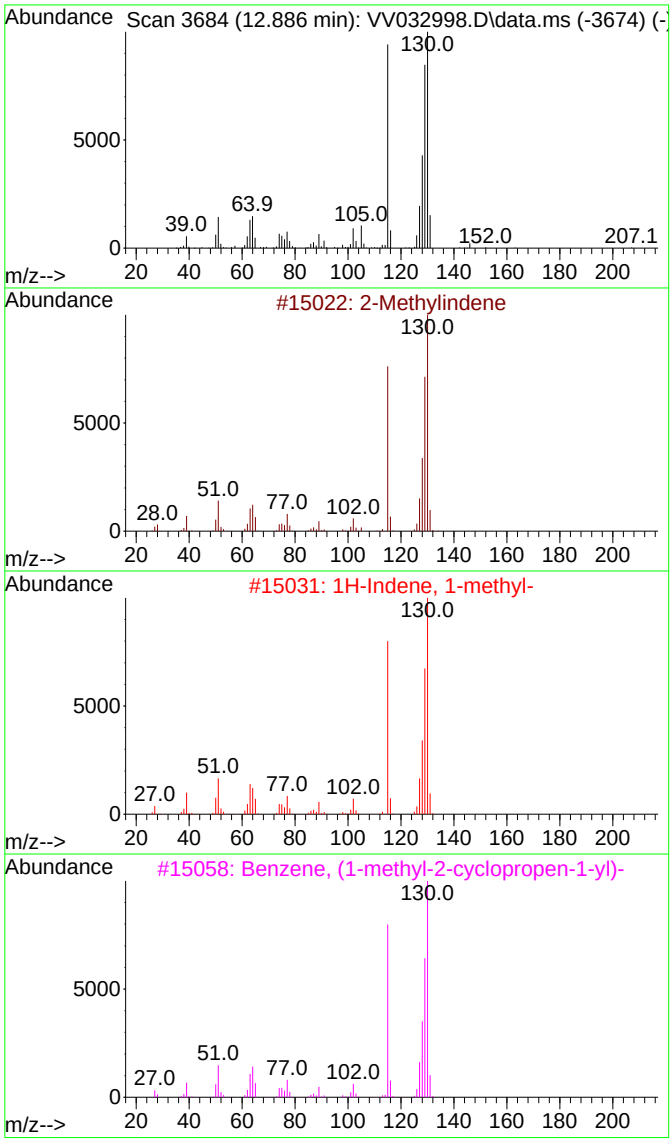
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

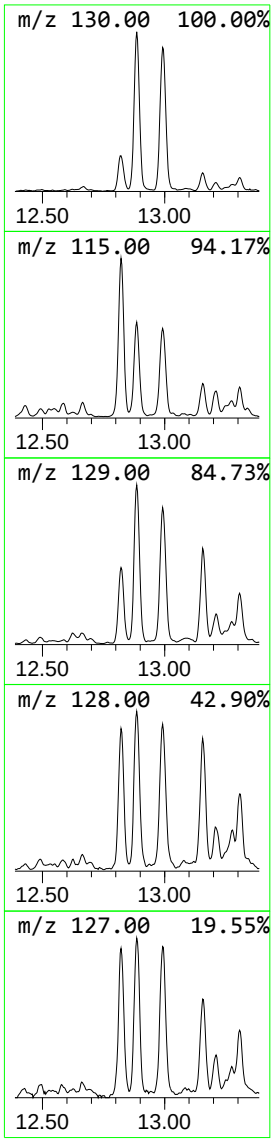
****

Peak Number 26 2-Methylindene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	3.46 ug/L	458451	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

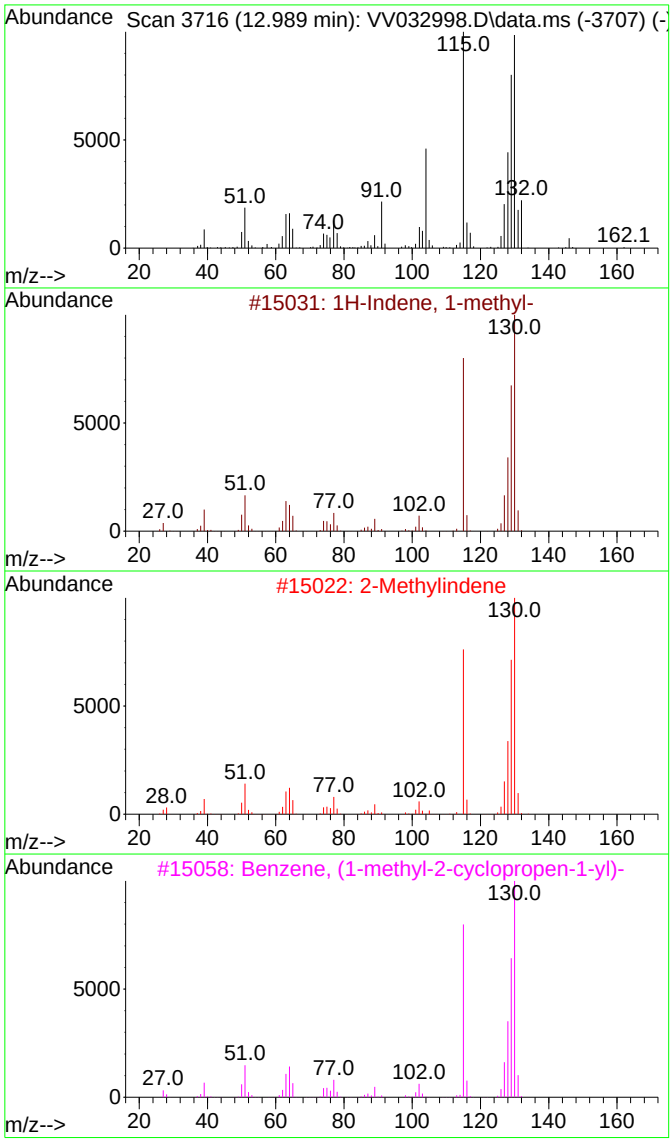
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

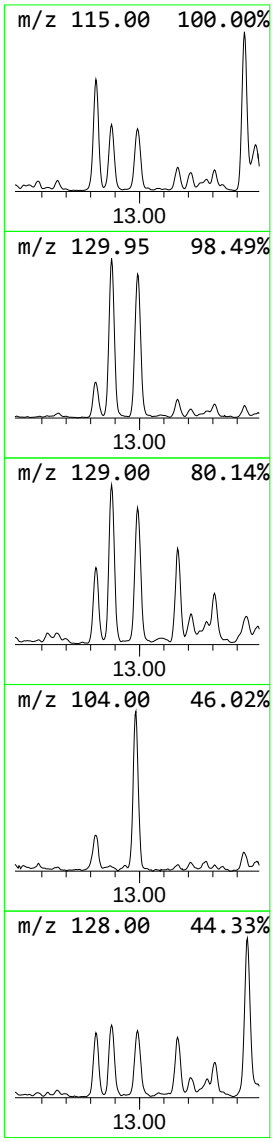
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	3.95 ug/L	522915	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	94
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	92
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

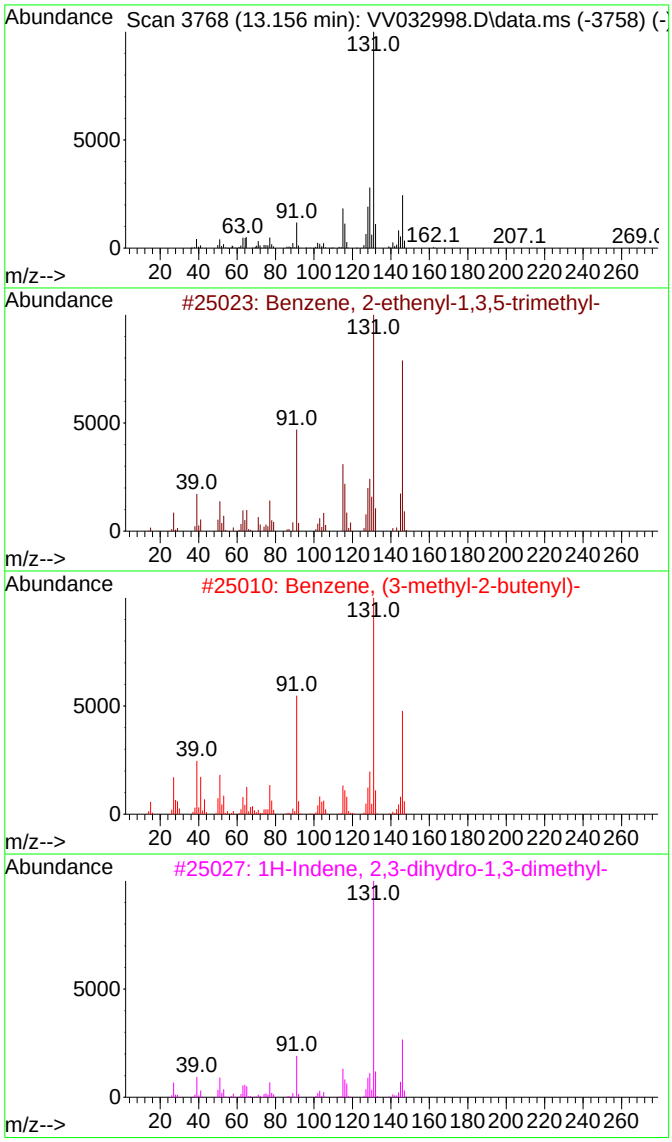
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

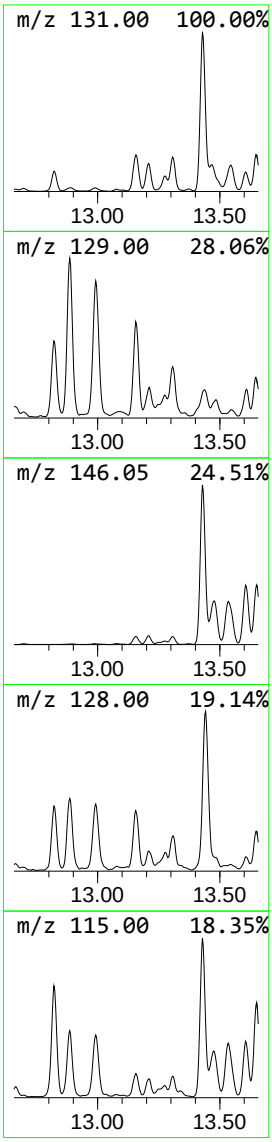
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.156	3.05 ug/L	404407	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

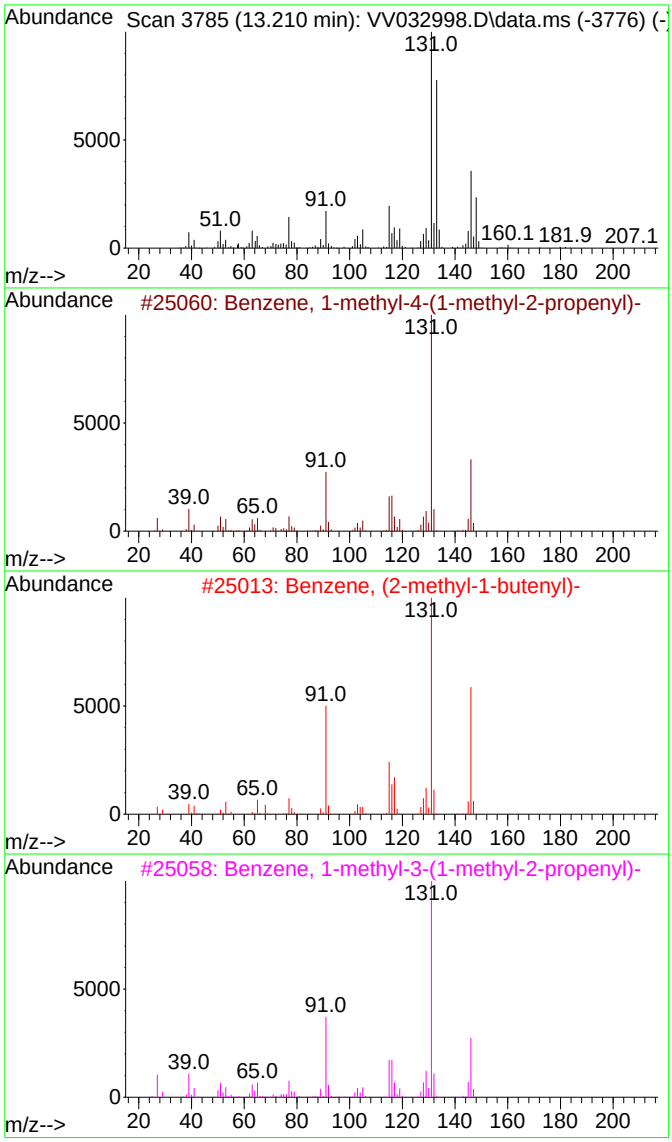
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

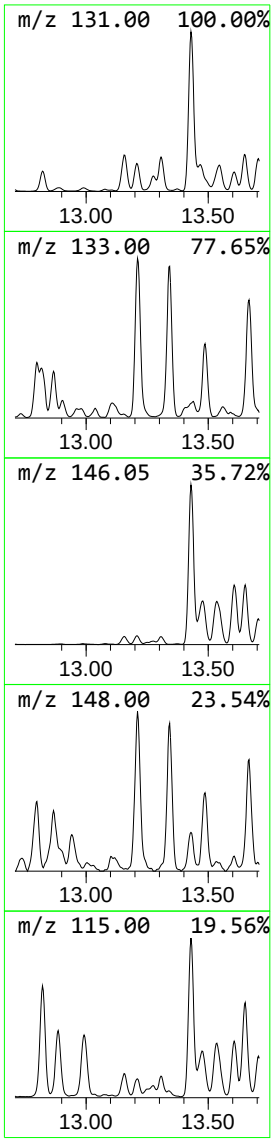
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-4-(1-meth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	3.08 ug/L	407722	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	78
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

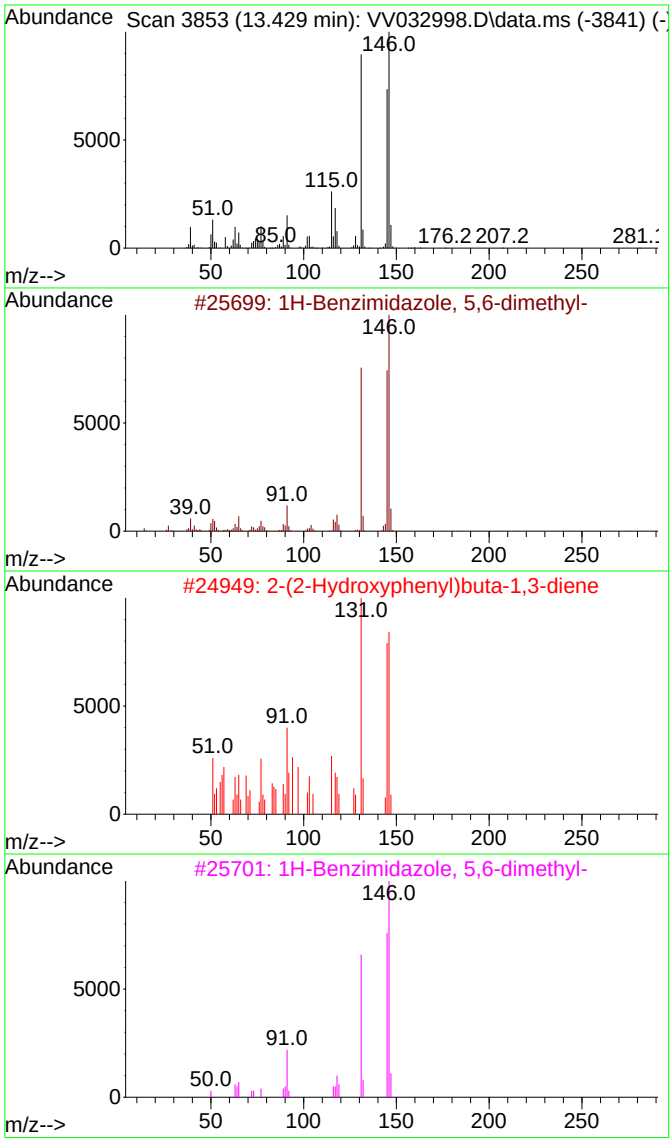
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

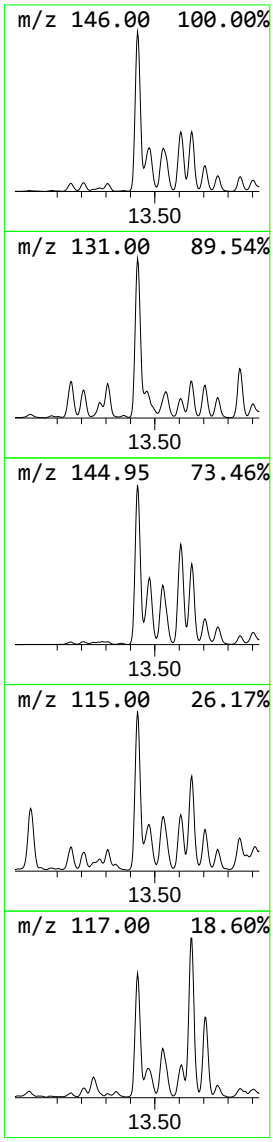
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Benzimidazole, 5,6-dimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.429	23.98 ug/L	3176280	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	90
2	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	86
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	64
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

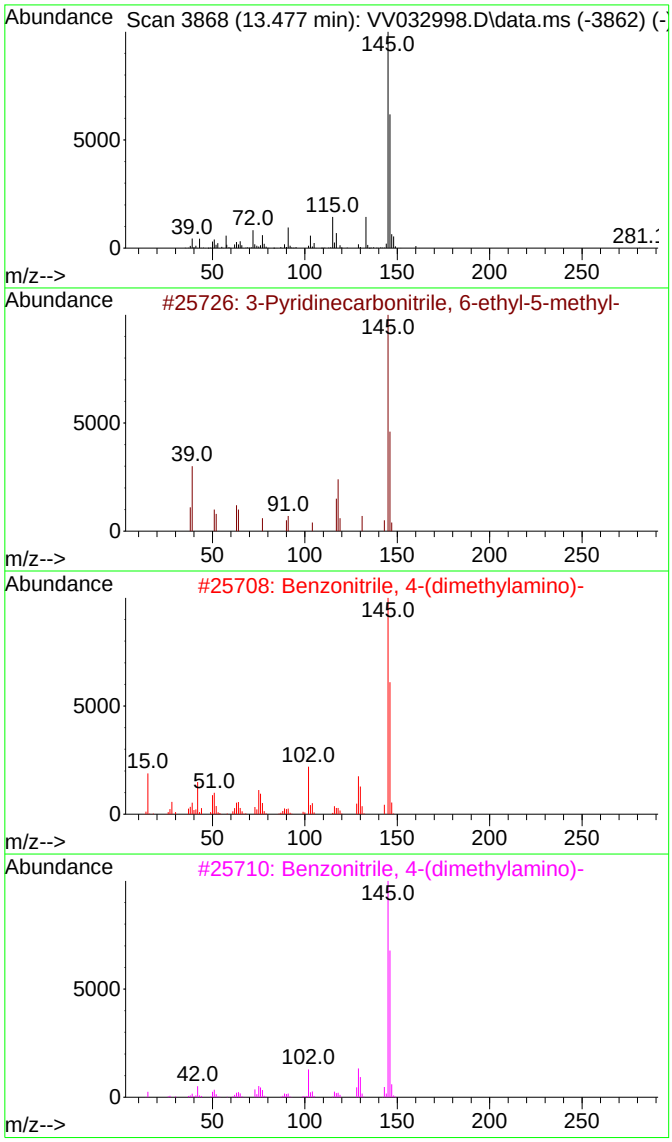
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

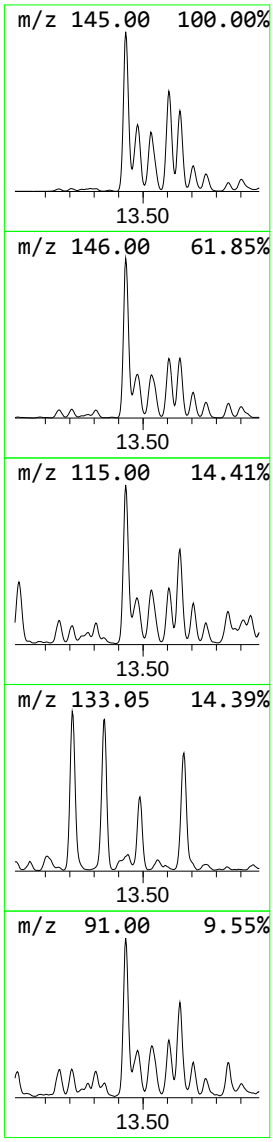
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 3-Pyridinecarbonitrile, 6-e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	6.35 ug/L	840945	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinecarbonitrile, 6-ethyl-...	146	C9H10N2	110253-41-3	64
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
5	Indolizine, 2,6-dimethyl-	145	C10H11N	000769-88-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

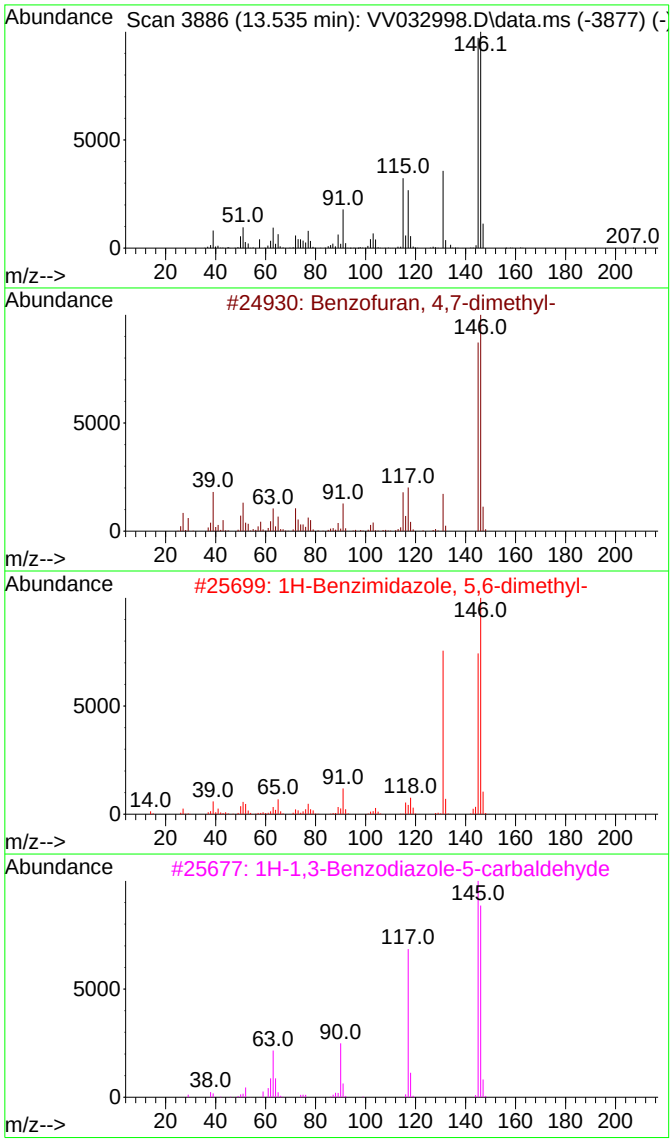
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

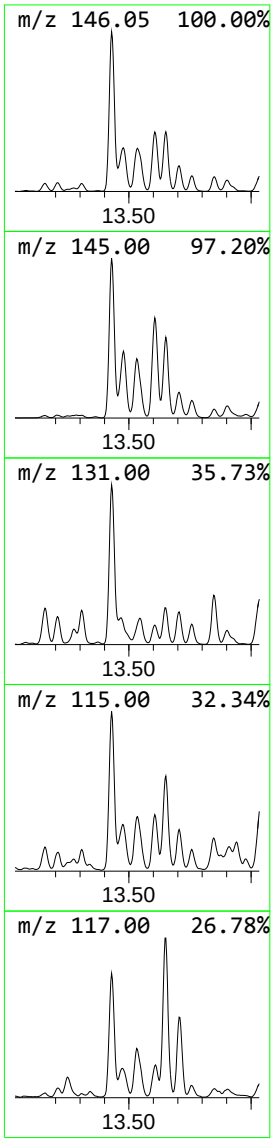
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzofuran, 4,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.535	8.01 ug/L	1061230	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	90
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
3	1H-1,3-Benzodiazole-5-carbaldehyde	146	C8H6N2O	058442-17-4	59
4	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	58
5	Imidazo[1,2-a]pyridine-3-carbald...	146	C8H6N2O	006188-43-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

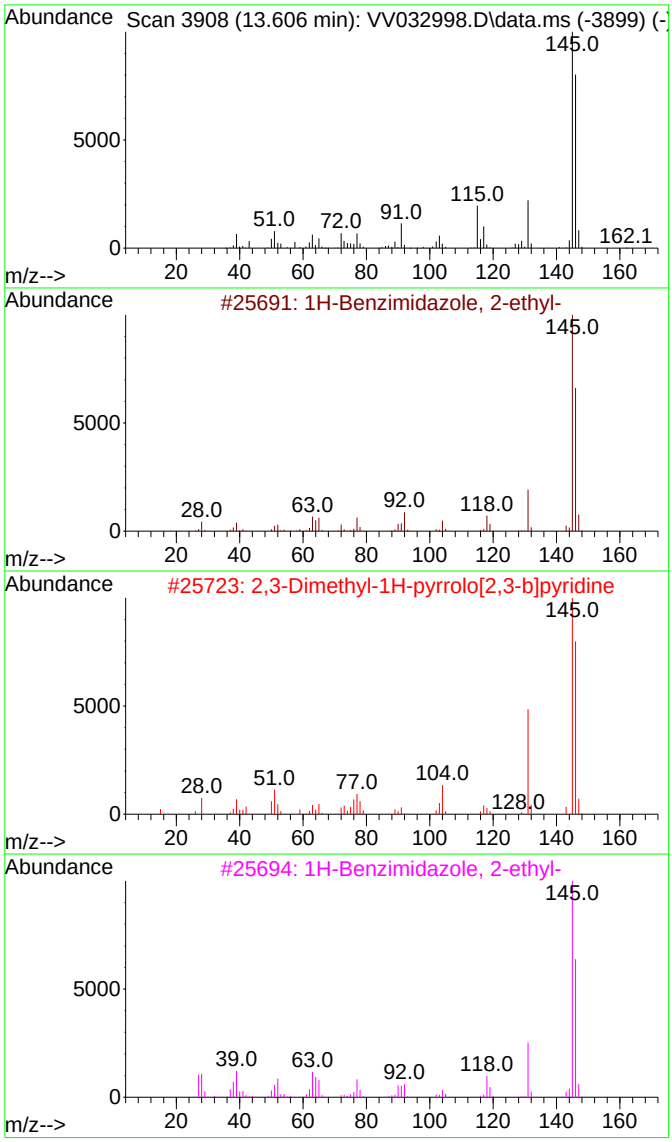
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

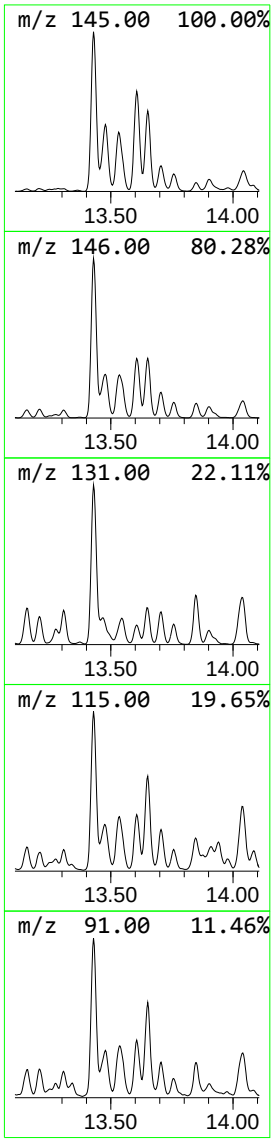
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1H-Benzimidazole, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.606	7.70 ug/L	1020340	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	2,3-Dimethyl-1H-pyrrolo[2,3-b]py...	146	C9H10N2	010299-69-1	64
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
4	1H-1,3-Benzodiazole-5-carbaldehyde	146	C8H6N2O	058442-17-4	59
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

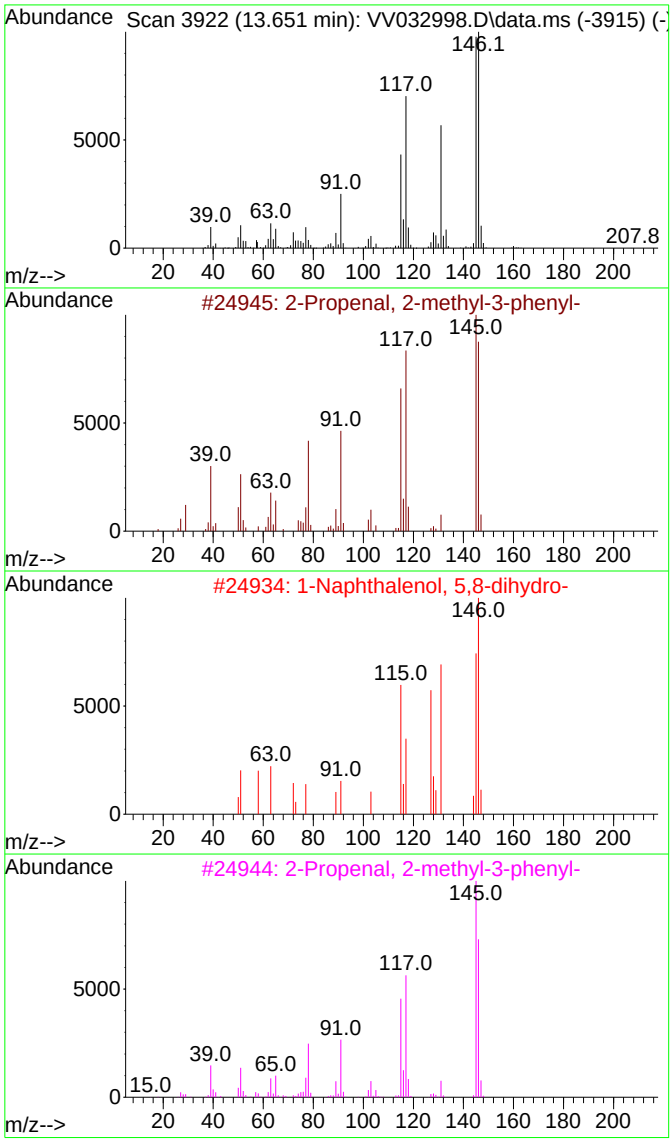
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

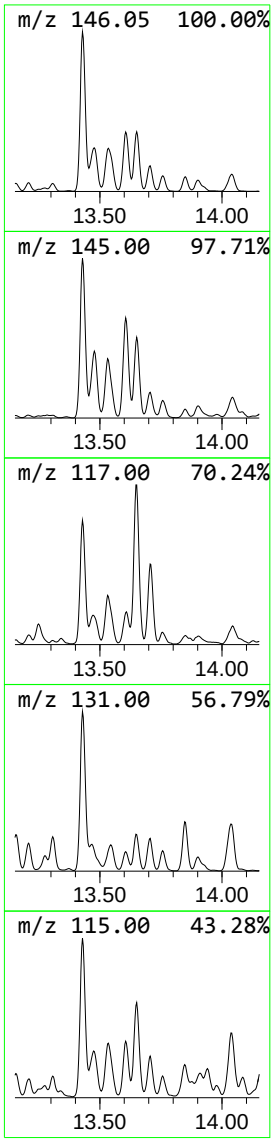
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	9.27 ug/L	1227330	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	87
2	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	83
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	80
4	2,3-Dimethyl-1H-pyrrolo[2,3-b]py...	146	C9H10N2	010299-69-1	70
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

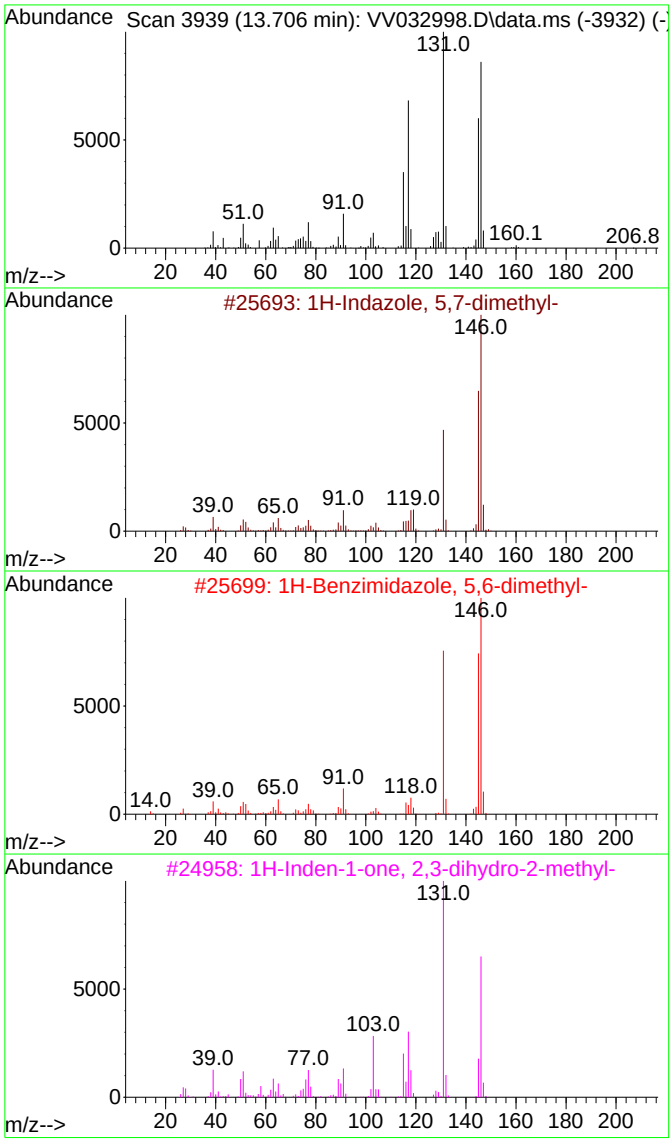
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

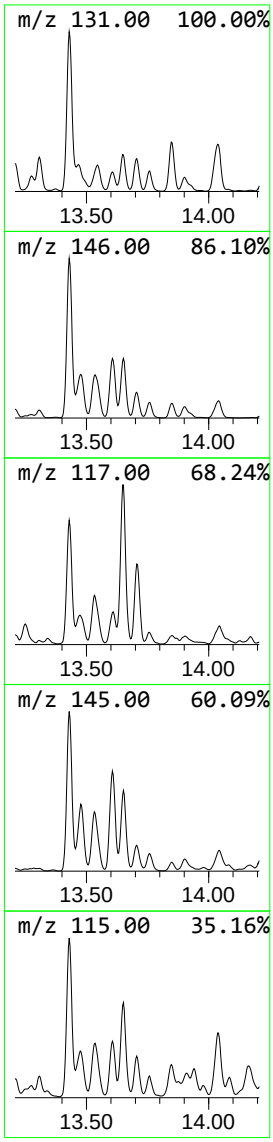
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1H-Indazole, 5,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.706	4.38 ug/L	580622	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	81
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	72
4	2-Amino-4,6-dimethylbenzonitrile	146	C9H10N2	1010461-05-1	64
5	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

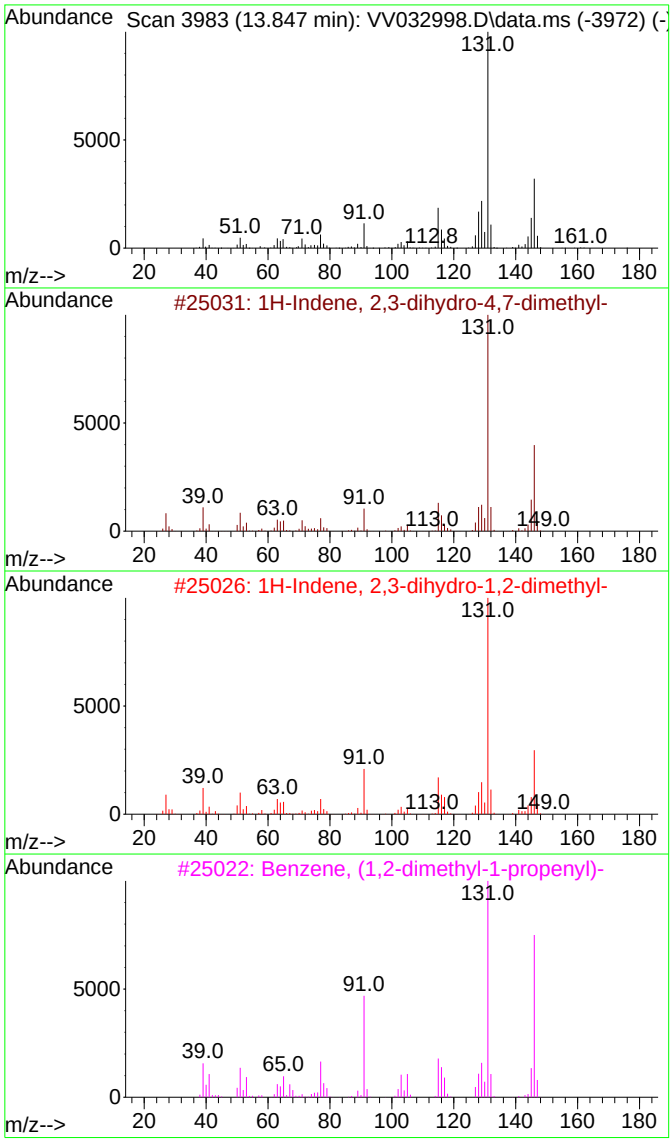
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

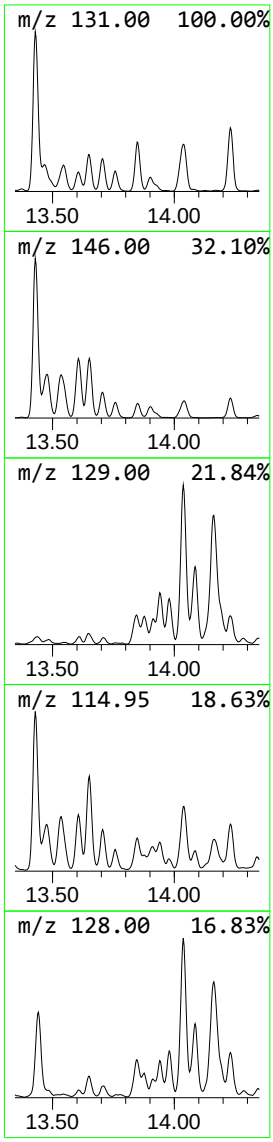
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.847	5.55 ug/L	735185	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

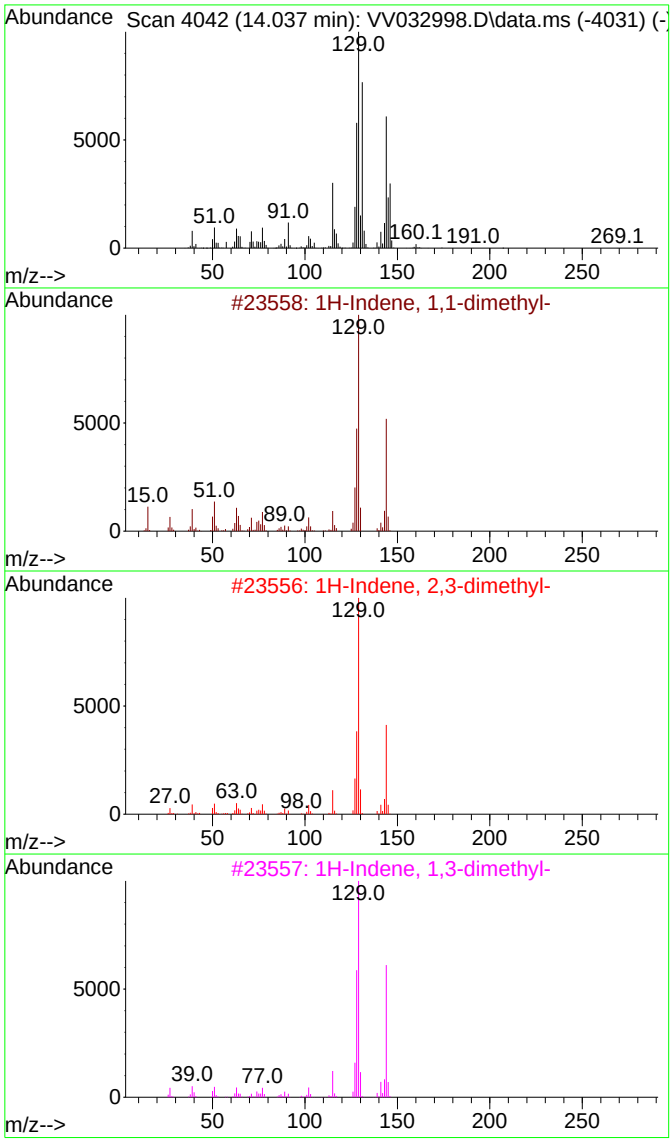
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

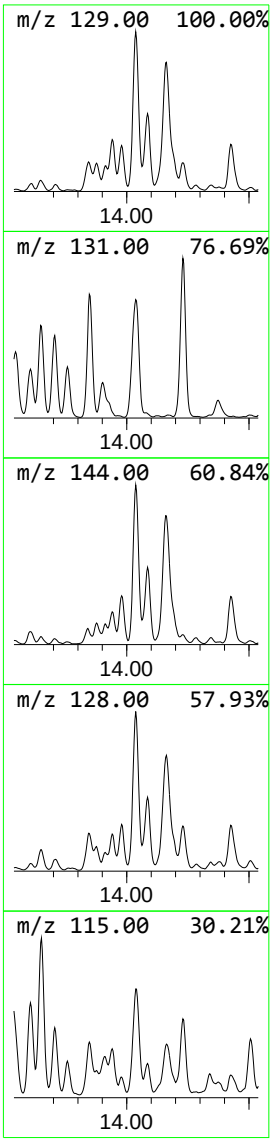
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1H-Indene, 1,1-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.037	11.34 ug/L	1502550	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	78
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	60
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	60
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	60
5	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

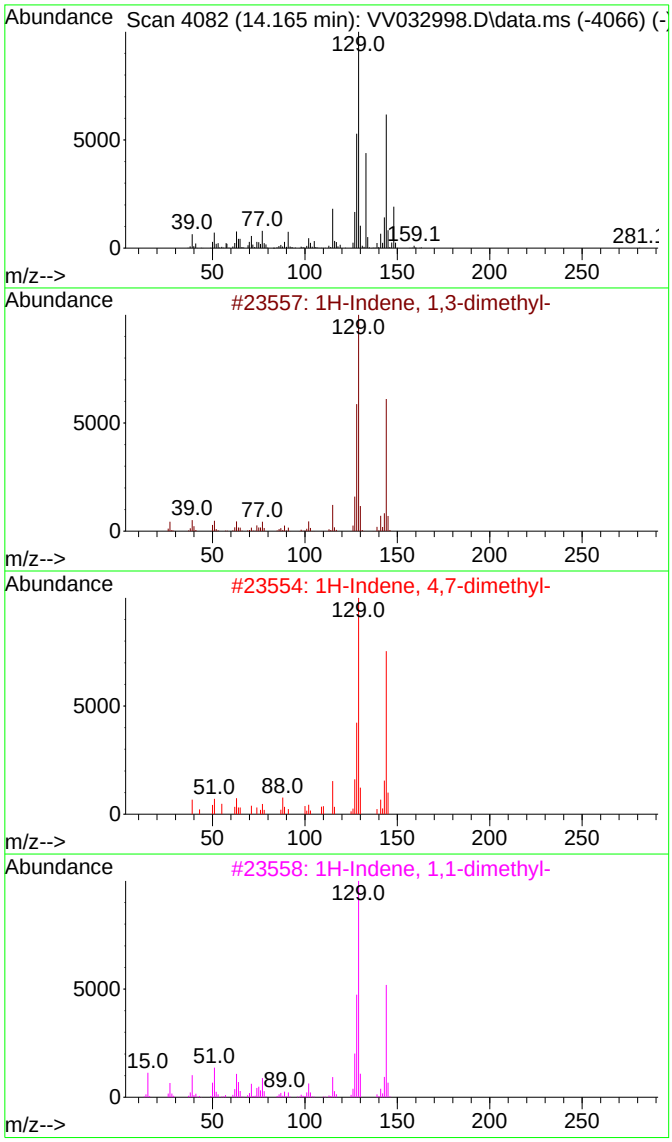
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

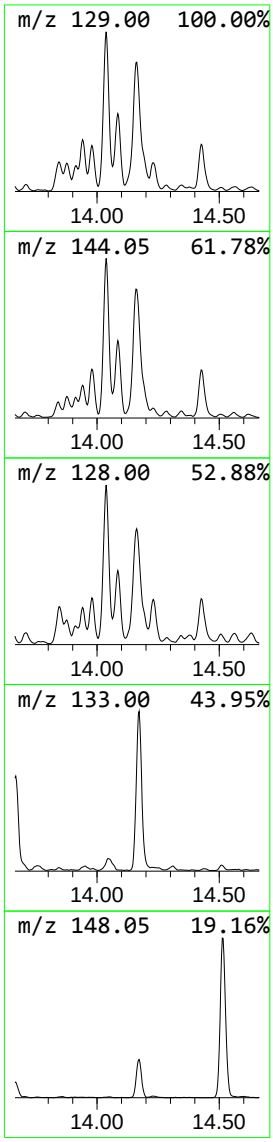
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 1H-Indene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.165	8.65 ug/L	1145940	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	92
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	89
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	86
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

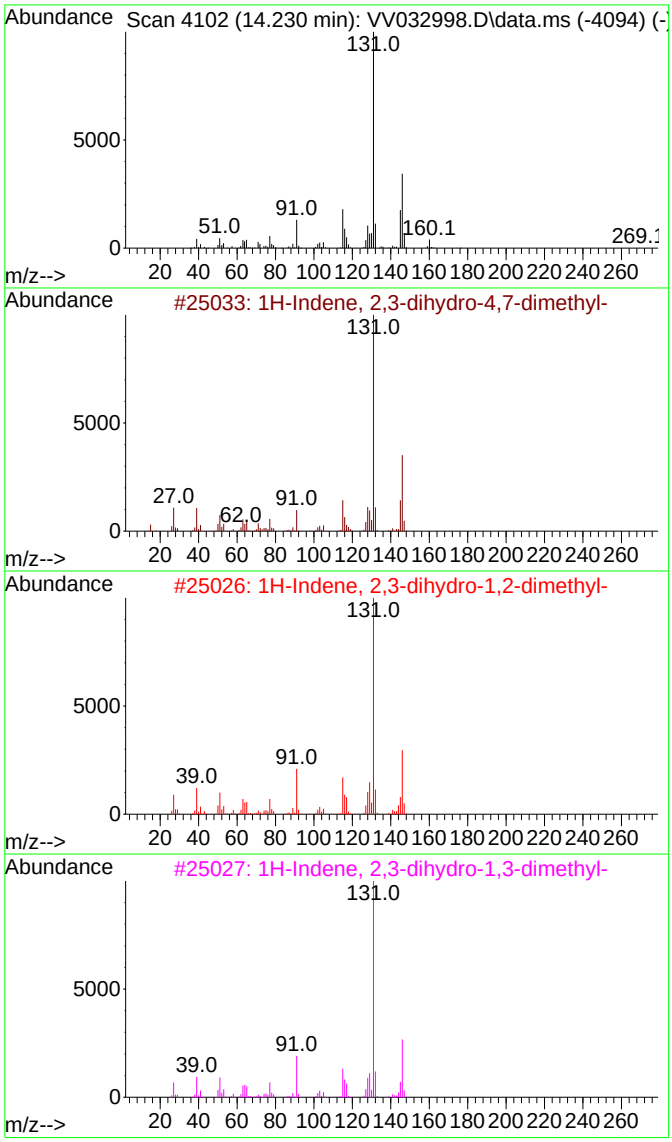
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

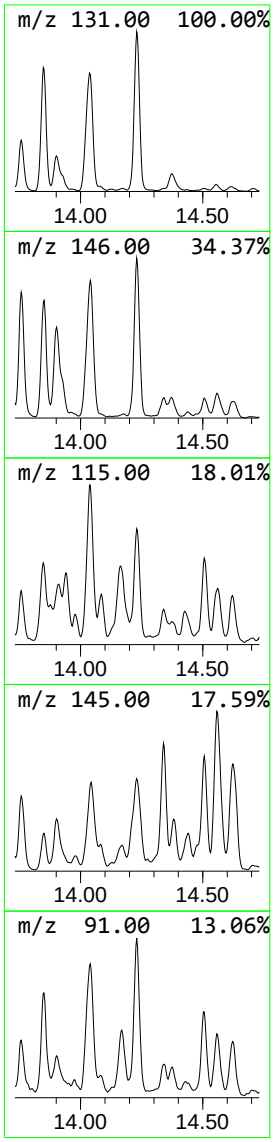
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.230	6.46 ug/L	856150	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

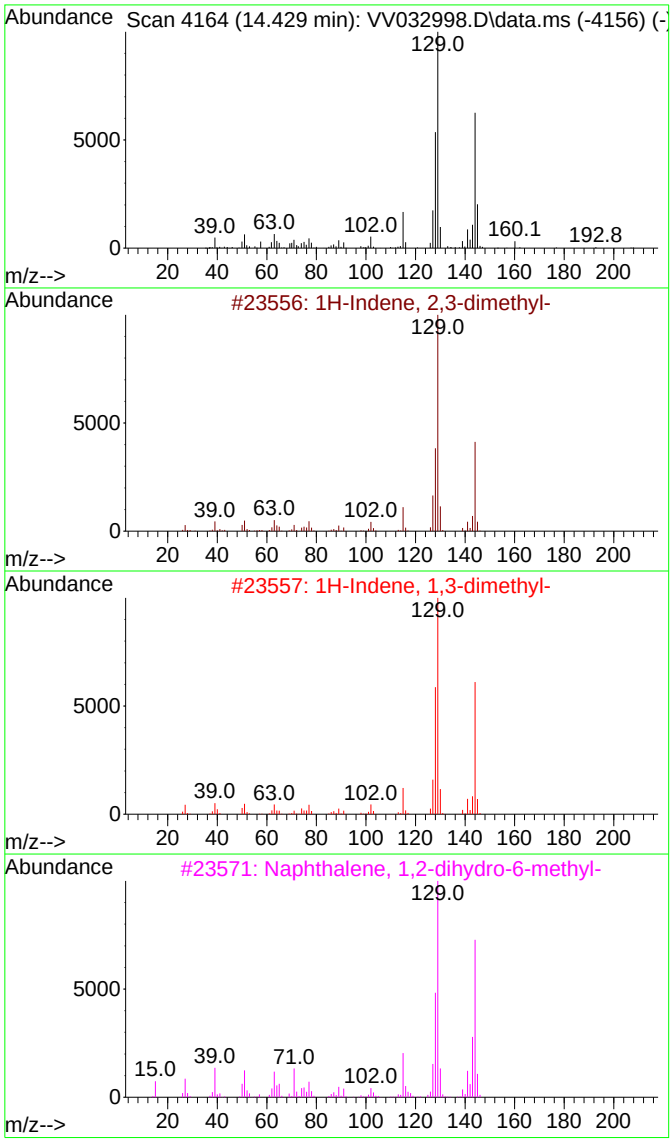
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

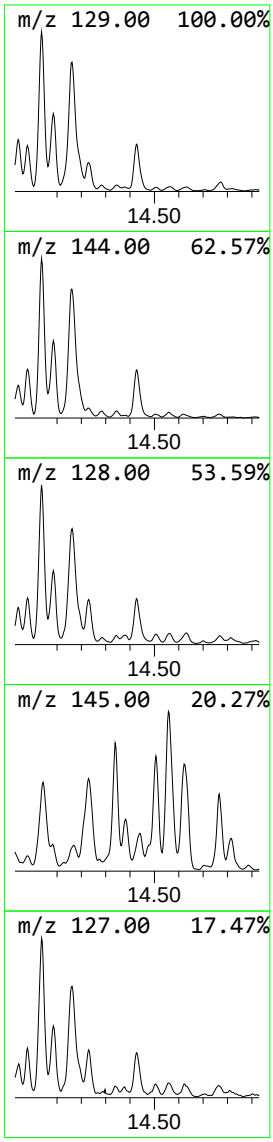
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 1H-Indene, 2,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.429	2.00 ug/L	264524	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
3	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	87
4	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	81
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

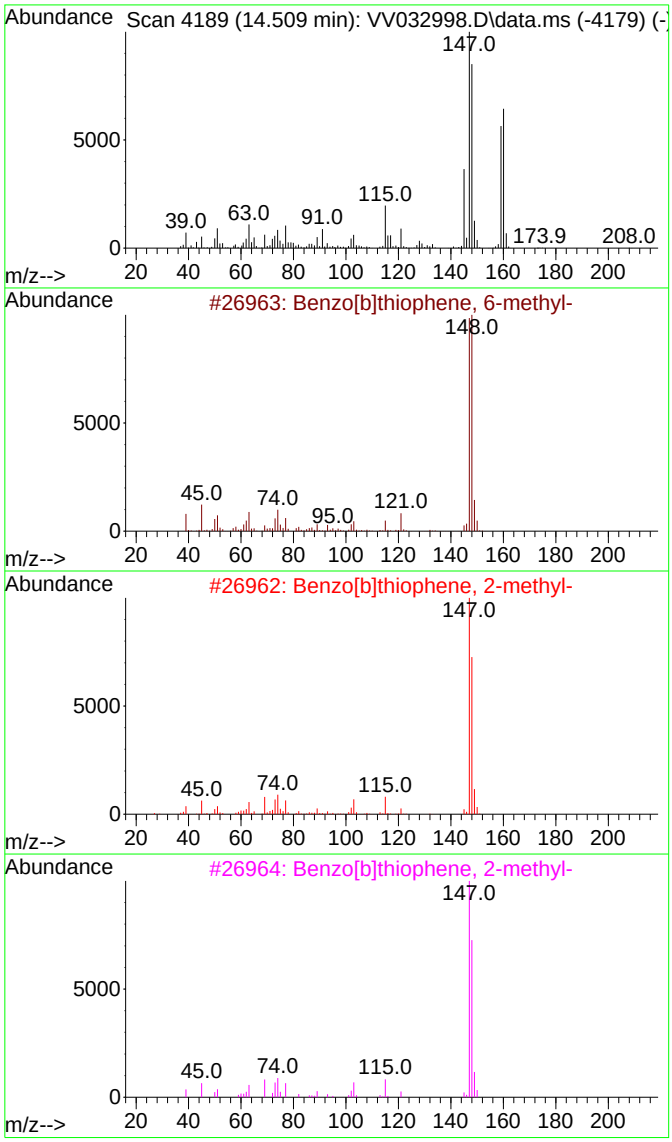
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

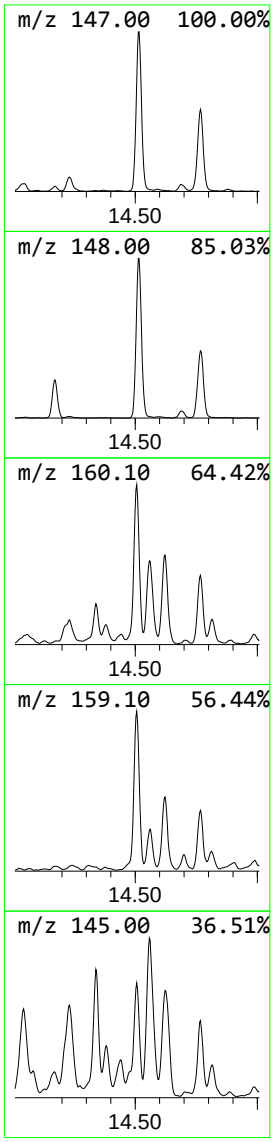
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzo[b]thiophene, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.509	7.72 ug/L	1023020	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	78
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	60
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	53
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	53
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

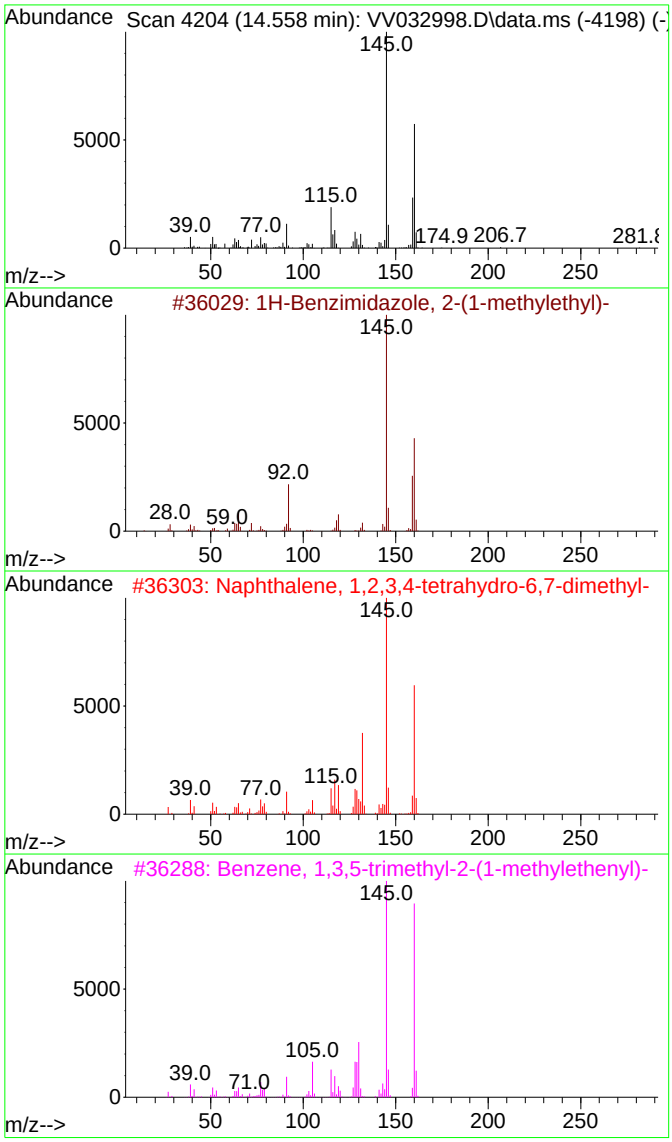
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

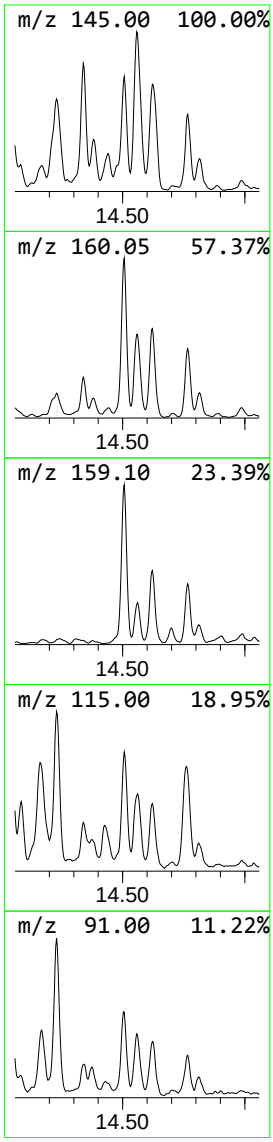
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 1H-Benzimidazole, 2-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.558	3.19 ug/L	422508	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	80
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	72
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	72
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

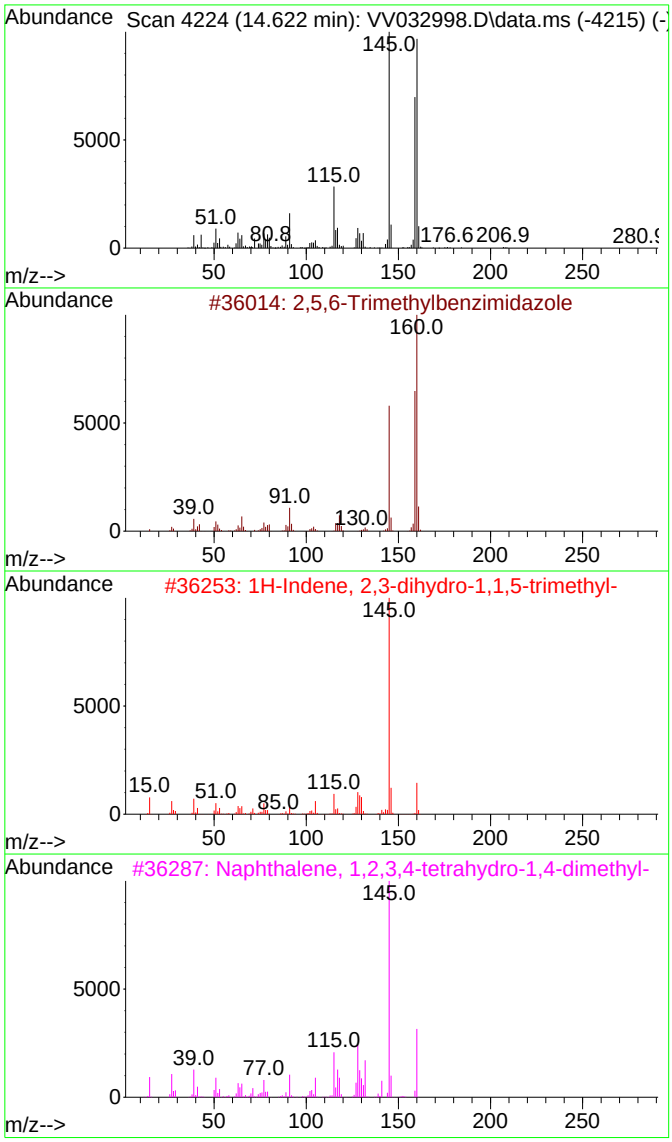
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

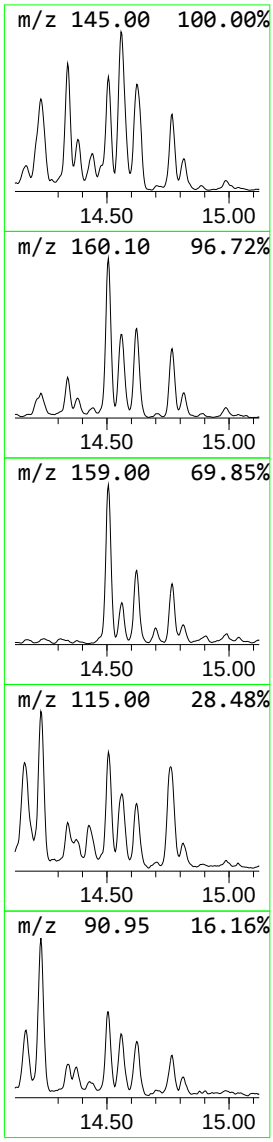
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 2,5,6-Trimethylbenzimidazole Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.622	3.37 ug/L	445953	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	87
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

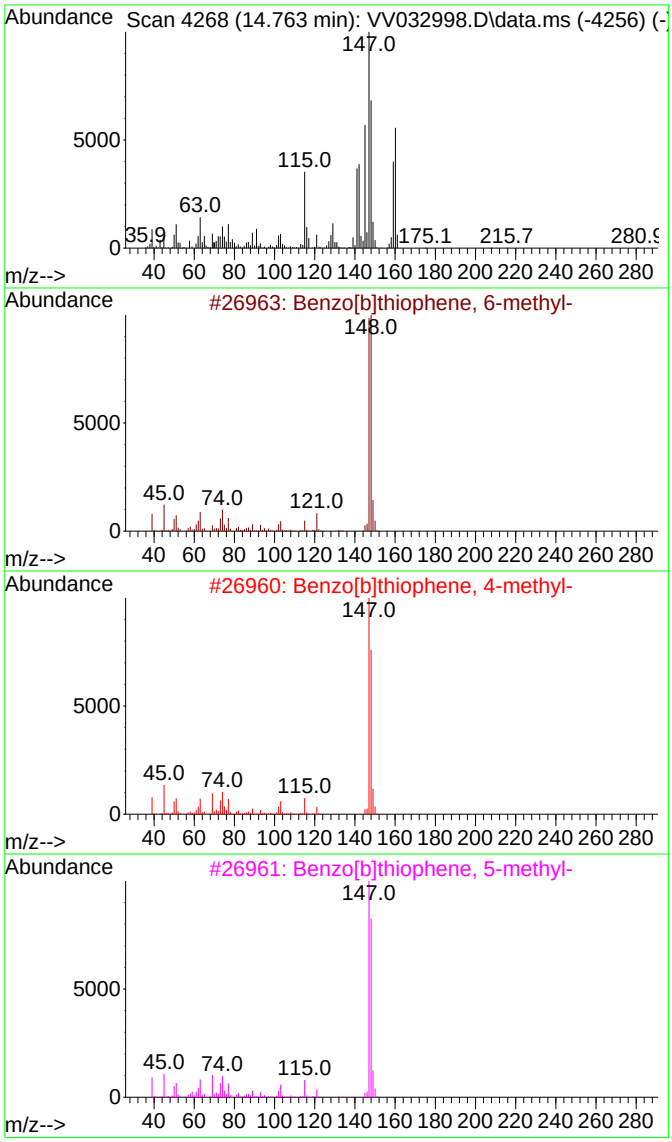
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

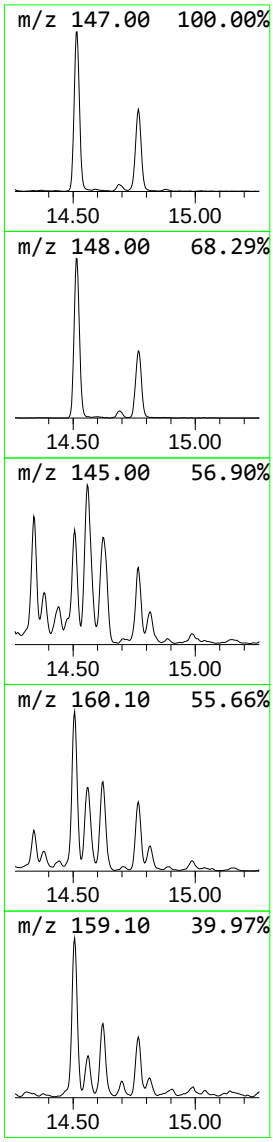
****

Peak Number 51 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	5.59 ug/L	740280	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	42
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	38
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	38
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	38
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

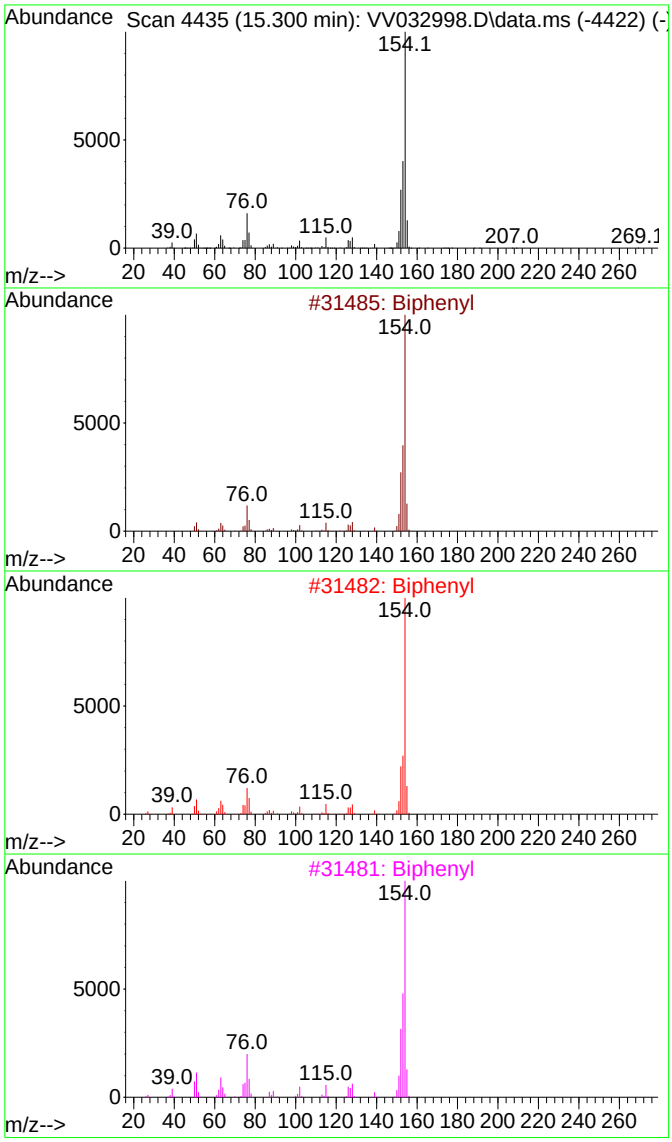
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

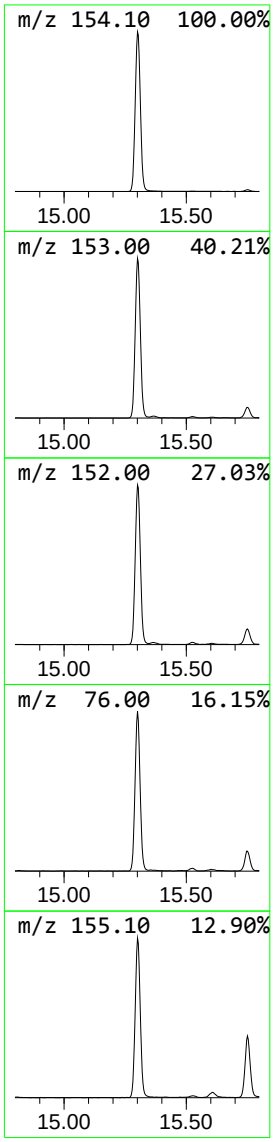
****

Peak Number 53 Biphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.300	30.85 ug/L	4085960	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

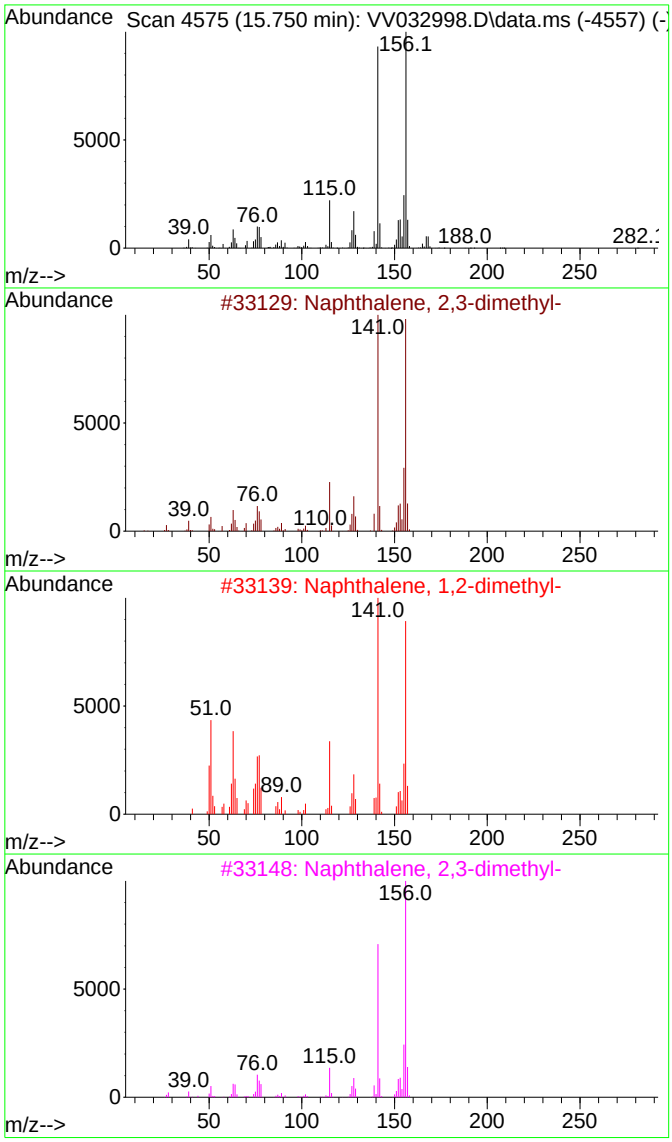
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

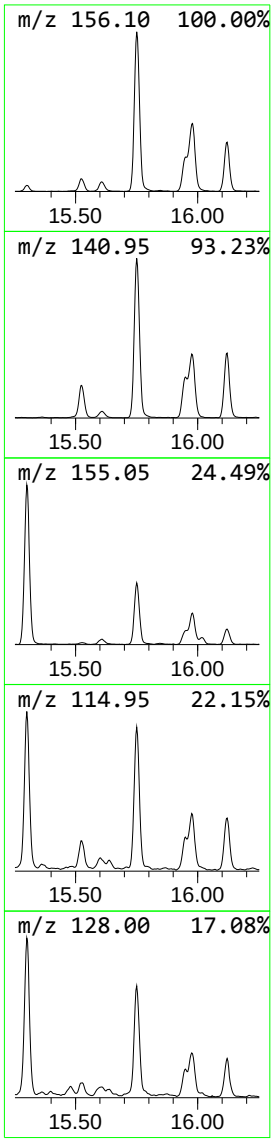
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	11.22 ug/L	1486520	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

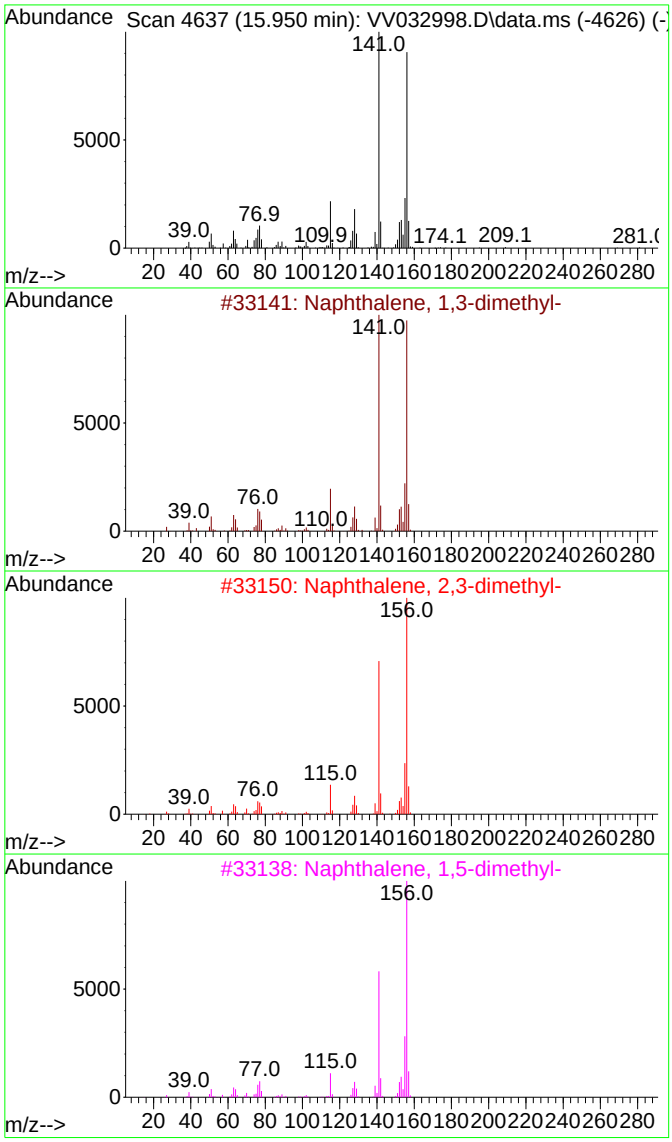
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

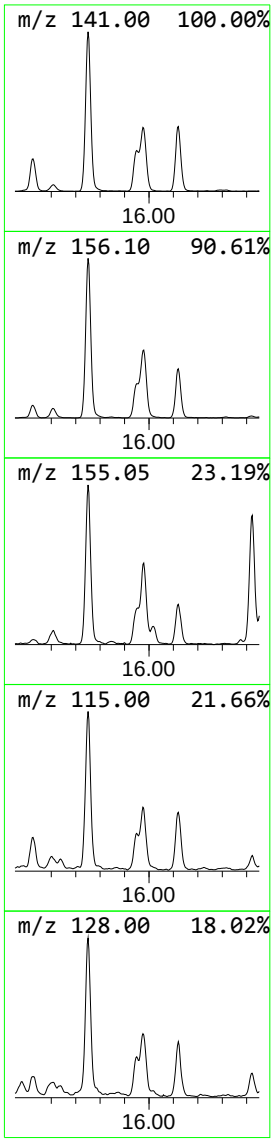
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Naphthalene, 1,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.950	2.06 ug/L	273020	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

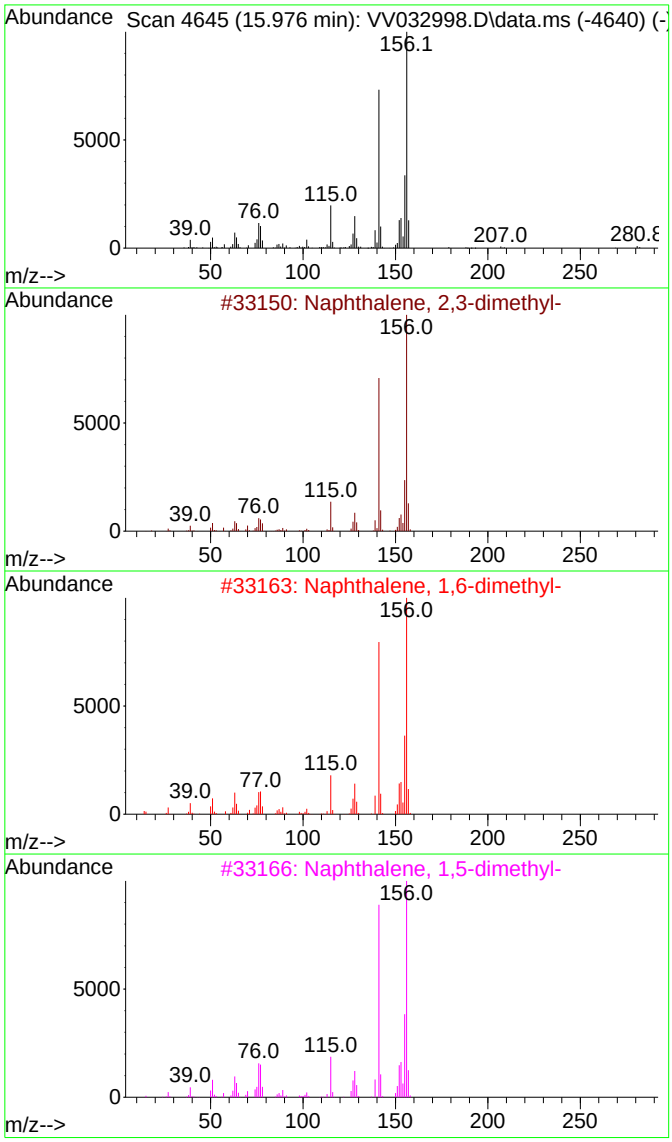
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

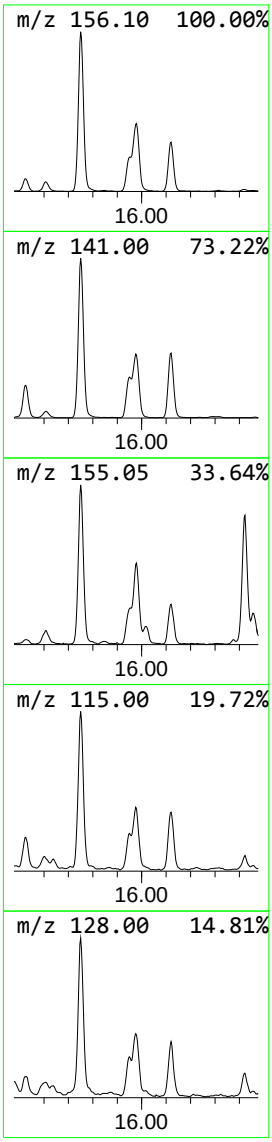
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.976	4.74 ug/L	627810	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

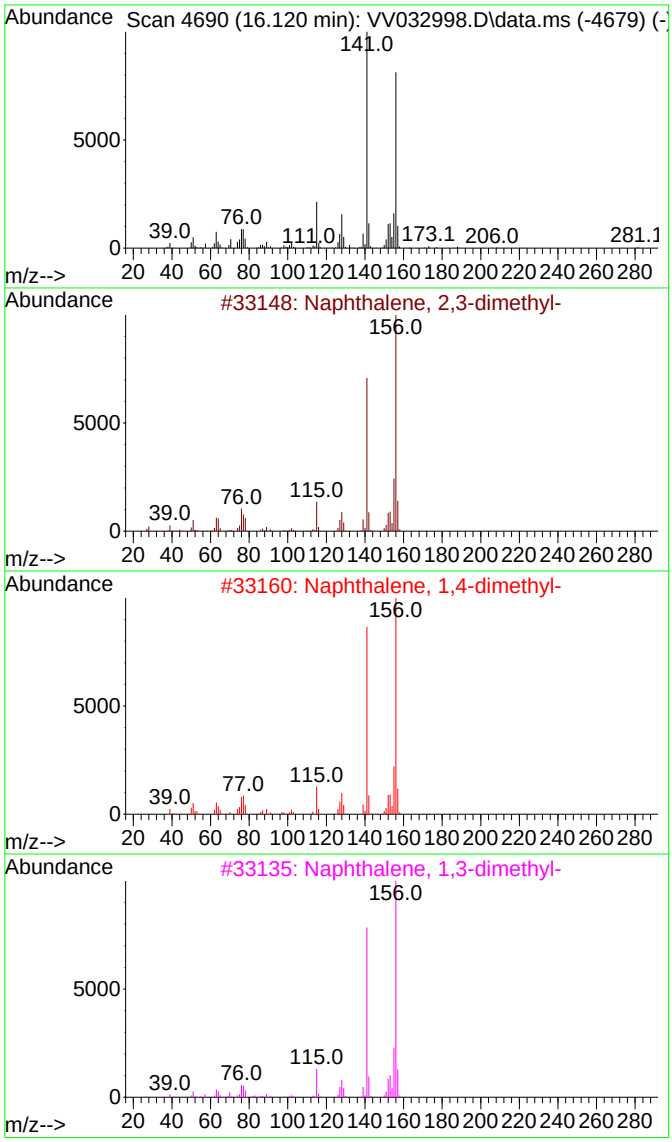
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

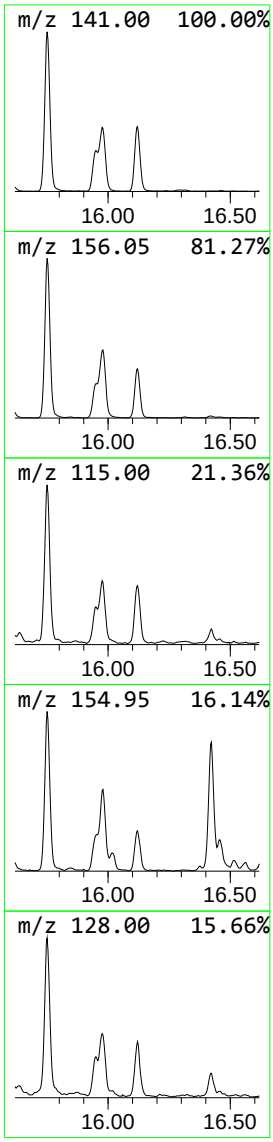
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Naphthalene, 1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.120	3.64 ug/L	481793	1,4-Dichlorobenzene-d4	11.188

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

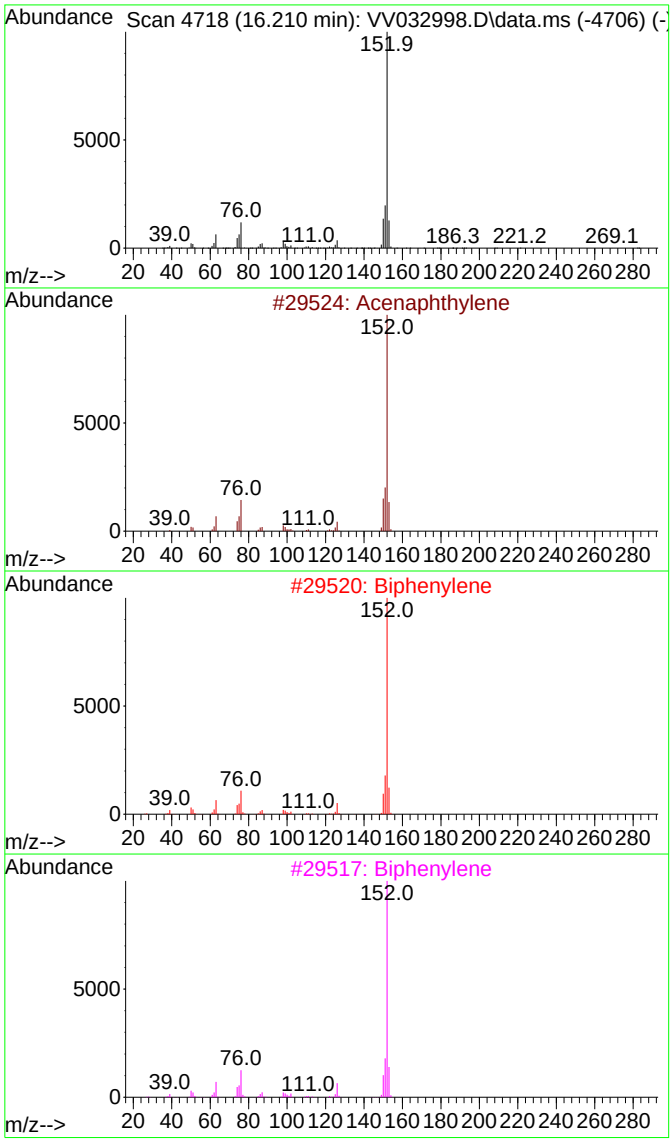
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

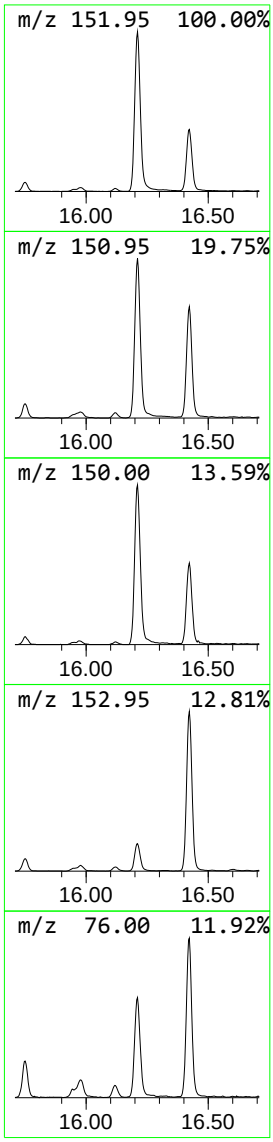
****

Peak Number 61 Acenaphthylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.210	11.72 ug/L	1551800	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene	152	C12H8	000208-96-8	95
2	Biphenylene	152	C12H8	000259-79-0	93
3	Biphenylene	152	C12H8	000259-79-0	91
4	Acenaphthylene	152	C12H8	000208-96-8	90
5	Acenaphthylene	152	C12H8	000208-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

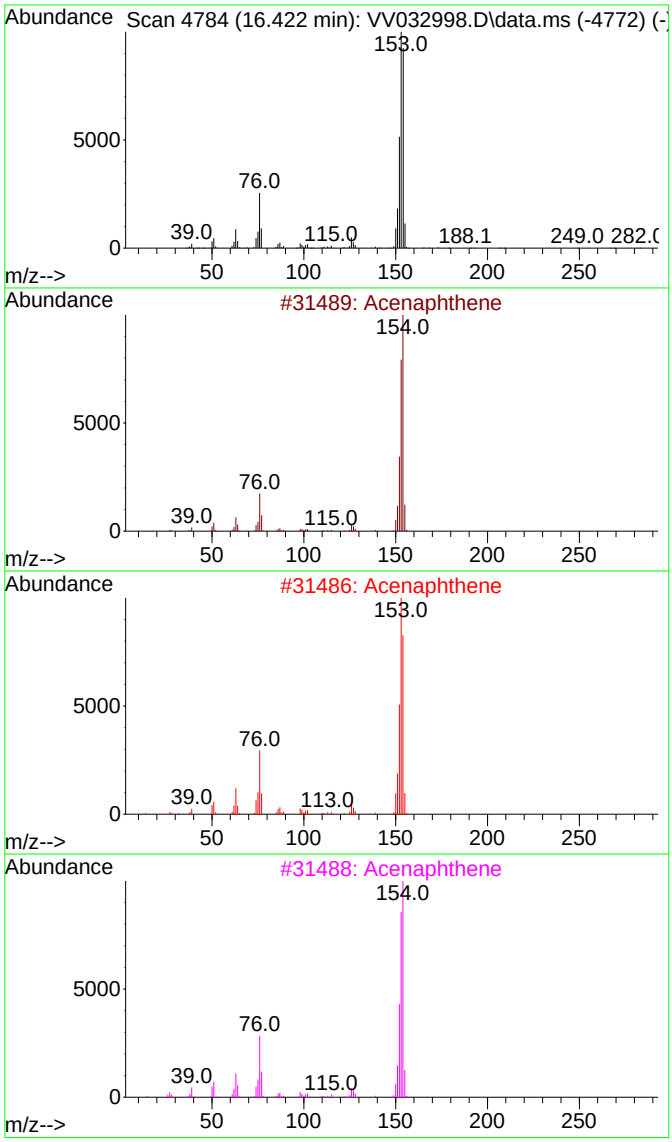
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

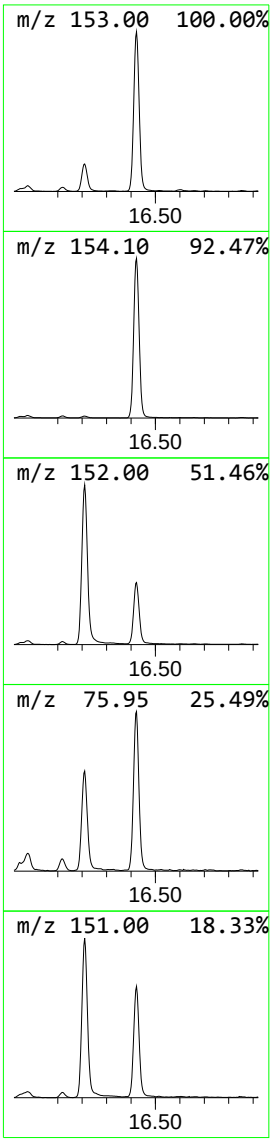
****

Peak Number 62 Acenaphthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.422	15.70 ug/L	2079950	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	72
4	Acenaphthene	154	C12H10	000083-32-9	64
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
Data File : VV032998.D
Acq On : 17 Nov 2023 09:47
Operator : SY/MD
Sample : 05333-23
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCG97

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	8.285	1.7	ug/L	216273	2	8.786	650109	5.0
(DEL) Alkane: C...	9.407	0.8	ug/L	111012	2	8.786	650109	5.0
Benzene, 4-ethy...	11.956	15.9	ug/L	2109390	3	11.188	662273	5.0
Indan, 1-methyl-	12.053	3.9	ug/L	521748	3	11.188	662273	5.0
Benzene, 1,2,4,...	12.352	9.6	ug/L	1273910	3	11.188	662273	5.0
Benzene, 1-ethe...	12.821	10.9	ug/L	1437580	3	11.188	662273	5.0
2-Methylindene	12.886	3.5	ug/L	458451	3	11.188	662273	5.0
1H-Indene, 1-me...	12.989	4.0	ug/L	522915	3	11.188	662273	5.0
Benzene, 2-ethe...	13.156	3.0	ug/L	404407	3	11.188	662273	5.0
Benzene, 1-meth...	13.210	3.1	ug/L	407722	3	11.188	662273	5.0
1H-Benzimidazol...	13.429	24.0	ug/L	3176280	3	11.188	662273	5.0
3-Pyridinecarbo...	13.477	6.3	ug/L	840945	3	11.188	662273	5.0
Benzofuran, 4,7...	13.535	8.0	ug/L	1061230	3	11.188	662273	5.0
1H-Benzimidazol...	13.606	7.7	ug/L	1020340	3	11.188	662273	5.0
2-Propenal, 2-m...	13.651	9.3	ug/L	1227330	3	11.188	662273	5.0
1H-Indazole, 5,...	13.706	4.4	ug/L	580622	3	11.188	662273	5.0
1H-Indene, 2,3-...	13.847	5.5	ug/L	735185	3	11.188	662273	5.0
1H-Indene, 1,1-...	14.037	11.3	ug/L	1502550	3	11.188	662273	5.0
1H-Indene, 1,3-...	14.165	8.7	ug/L	1145940	3	11.188	662273	5.0
1H-Indene, 2,3-...	14.230	6.5	ug/L	856150	3	11.188	662273	5.0
1H-Indene, 2,3-...	14.429	2.0	ug/L	264524	3	11.188	662273	5.0
Benzo[b]thiophe...	14.509	7.7	ug/L	1023020	3	11.188	662273	5.0
1H-Benzimidazol...	14.558	3.2	ug/L	422508	3	11.188	662273	5.0
2,5,6-Trimethyl...	14.622	3.4	ug/L	445953	3	11.188	662273	5.0
unknown-01	14.763	5.6	ug/L	740280	3	11.188	662273	5.0
Biphenyl	15.300	30.9	ug/L	4085960	3	11.188	662273	5.0
Naphthalene, 2,...	15.751	11.2	ug/L	1486520	3	11.188	662273	5.0
Naphthalene, 1,...	15.950	2.1	ug/L	273020	3	11.188	662273	5.0
Naphthalene, 1,...	15.976	4.7	ug/L	627810	3	11.188	662273	5.0
Naphthalene, 1,...	16.120	3.6	ug/L	481793	3	11.188	662273	5.0
Acenaphthylene	16.210	11.7	ug/L	1551800	3	11.188	662273	5.0
Acenaphthene	16.422	15.7	ug/L	2079950	3	11.188	662273	5.0