LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

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_U\Method\SFAMUTR111323WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU056482.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	15	21	33	rVB2	21608	26202	1.06%	0.144%
2	1.595	84	95	107	rBV	105172	129591	5.22%	0.711%
3	1.907	185	192	209	rVB	89353	119395	4.81%	0.655%
4	2.560	380	395	415	rBV	170450	281009	11.32%	1.541%
5	4.637	1027	1041	1086	rBV2	93749	364690	14.69%	2.001%
6	5.055	1155	1171	1192	rBV	188436	421945	17.00%	2.315%
7	5.721	1358	1378	1412	rBV4	339199	908459	36.60%	4.983%
8	6.245	1528	1541	1565	rBV	343486	667310	26.89%	3.661%
9	6.685	1654	1678	1697	rBV	221029	441094	17.77%	2.420%
10	7.563	1938	1951	1968	rBV2	107187	189156	7.62%	1.038%
11	7.894	2040	2054	2071	rBV	385066	688451	27.74%	3.777%
12	8.177	2129	2142	2160	rBV2	65120	113480	4.57%	0.623%
13	8.631	2271	2283	2321	rBV	494813	980255	39.49%	5.377%
14	9.415	2513	2527	2546	rBV	489128	860181	34.66%	4.719%
15	9.499	2546	2553	2567	rVV3	40342	72514	2.92%	0.398%
16	9.695	2602	2614	2629	rVB2	17040	31681	1.28%	0.174%
17	10.479	2846	2858	2879	rBV	199126	339561	13.68%	1.863%
18	10.753	2931	2943	2959	rVB	174405	283088	11.41%	1.553%
19	10.897	2975	2988	3005	rBV5	27327	60756	2.45%	0.333%
20	11.023	3010	3027	3039	rVB2	12224	28349	1.14%	0.156%
21	11.315	3114	3118	3130	rVB7	19037	28865	1.16%	0.158%
22	11.640	3210	3219	3232	rVB2	70324	116979	4.71%	0.642%
23	11.807	3259	3271	3288	rBV	499911	852482	34.35%	4.676%
24	12.093	3350	3360	3375	rVB2	69703	117978	4.75%	0.647%
25	12.190	3375	3390	3403	rBV	449899	751947	30.30%	4.125%
26	12.299	3414	3424	3436	rVB3	103202	174329	7.02%	0.956%
27	12.373	3438	3447	3459	rVB2	35471	58445	2.35%	0.321%
28	12.563	3493	3506	3518	rBV9	16048	31561	1.27%	0.173%
29	12.675	3522	3541	3560	rBV	127730	241687	9.74%	1.326%
30	12.920	3608	3617	3626	rBV	94982	153488	6.18%	0.842%
31	12.968	3626	3632	3638	rBV3	28908	41905	1.69%	0.230%
32	13.019	3639	3648	3660	rVV6	65879	132245	5.33%	0.725%
33	13.103	3670	3674	3689	rVB5	49376	90053	3.63%	0.494%
34	13.251	3710	3720	3727	rBV5	36962	59547	2.40%	0.327%
35	13.322	3737	3742	3759	rVB2	35465	54577	2.20%	0.299%
36	13.444	3772	3780	3790	rBV3	34993	53997	2.18%	0.296%

LSC Area Percent Report

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Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AJ0

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_U\Method\SFAMUTR111323WMA.M
Title : TRACE VOA SFAM1.0

37	13.515	3791	3802	3816	rVB2	145977	238850	9.62%	1.310%
38	13.624	3819	3836	3849	rBV2	145367	263014	10.60%	1.443%
39	13.781	3875	3885	3893	rBV	111978	183815	7.41%	1.008%
40	13.826	3893	3899	3909	rVB3	29781	44239	1.78%	0.243%
41	13.907	3917	3924	3930	rBV	32977	46932	1.89%	0.257%
42	13.955	3930	3939	3950	rVB4	104075	184534	7.43%	1.012%
43	14.055	3960	3970	3977	rBV	168836	279968	11.28%	1.536%
44	14.100	3978	3984	3996	rVV3	121597	234909	9.46%	1.289%
45	14.180	3997	4009	4018	rVV6	70874	188971	7.61%	1.037%
46	14.238	4019	4027	4035	rVV2	136407	251678	10.14%	1.381%
47	14.283	4036	4041	4049	rVV5	63509	90282	3.64%	0.495%
48	14.335	4049	4057	4067	rVB	76030	113773	4.58%	0.624%
49	14.389	4068	4074	4091	rVB2	39868	66946	2.70%	0.367%
50	14.470	4091	4099	4106	rBV5	34008	57939	2.33%	0.318%
51	14.537	4106	4120	4137	rBV5	53046	164186	6.61%	0.901%
52	14.608	4138	4142	4151	rVB5	29131	40272	1.62%	0.221%
53	14.672	4151	4162	4171	rBV5	64300	152185	6.13%	0.835%
54	14.804	4190	4203	4218	rBV2	203664	439386	17.70%	2.410%
55	14.875	4219	4225	4238	rVB2	106000	182544	7.35%	1.001%
56	14.968	4248	4254	4260	rBV	24497	27894	1.12%	0.153%
57	15.016	4261	4269	4278	rBV7	33137	63025	2.54%	0.346%
58	15.135	4297	4306	4313	rBV	85778	146537	5.90%	0.804%
59	15.257	4335	4344	4361	rVB3	95293	172249	6.94%	0.945%
60	15.341	4363	4370	4377	rBV7	17041	27931	1.13%	0.153%
61	15.405	4378	4390	4415	rVV6	223548	588822	23.72%	3.230%
62	15.553	4431	4436	4444	rVB3	18843	25904	1.04%	0.142%
63	15.643	4455	4464	4486	rVB2	90376	198037	7.98%	1.086%
64	15.740	4488	4494	4503	rBV	15146	29061	1.17%	0.159%
65	15.797	4506	4512	4524	rVB8	28990	50641	2.04%	0.278%
66	15.910	4539	4547	4558	rBV3	29688	53075	2.14%	0.291%
67	16.006	4562	4577	4586	rVB4	49890	100298	4.04%	0.550%
68	16.058	4586	4593	4608	rVB8	21424	37376	1.51%	0.205%
69	16.145	4611	4620	4622	rBV5	24328	31072	1.25%	0.170%
70	16.180	4623	4631	4647	rVB2	146804	259326	10.45%	1.423%
71	16.296	4660	4667	4681	rVB2	42769	75129	3.03%	0.412%
72	16.386	4681	4695	4710	rBV7	64790	149392	6.02%	0.820%
73	16.608	4753	4764	4769	rBV	120047	192883	7.77%	1.058%
74	16.640	4770	4774	4792	rVB2	98829	145572	5.86%	0.799%
75	16.781	4807	4818	4829	rBV3	22376	40213	1.62%	0.221%
76	16.875	4838	4847	4858	rBV4	27800	49661	2.00%	0.272%

LSC Area Percent Report

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Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

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_U\Method\SFAMUTR111323WMA.M
Title : TRACE VOA SFAM1.0

77	17.090	4901	4914	4928	rBV	1579613	2482053	100.00%	13.616%
78	17.267	4960	4969	4984	rVB	55337	91785	3.70%	0.503%

Sum of corrected areas: 18229611

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
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Operator : MD/SY
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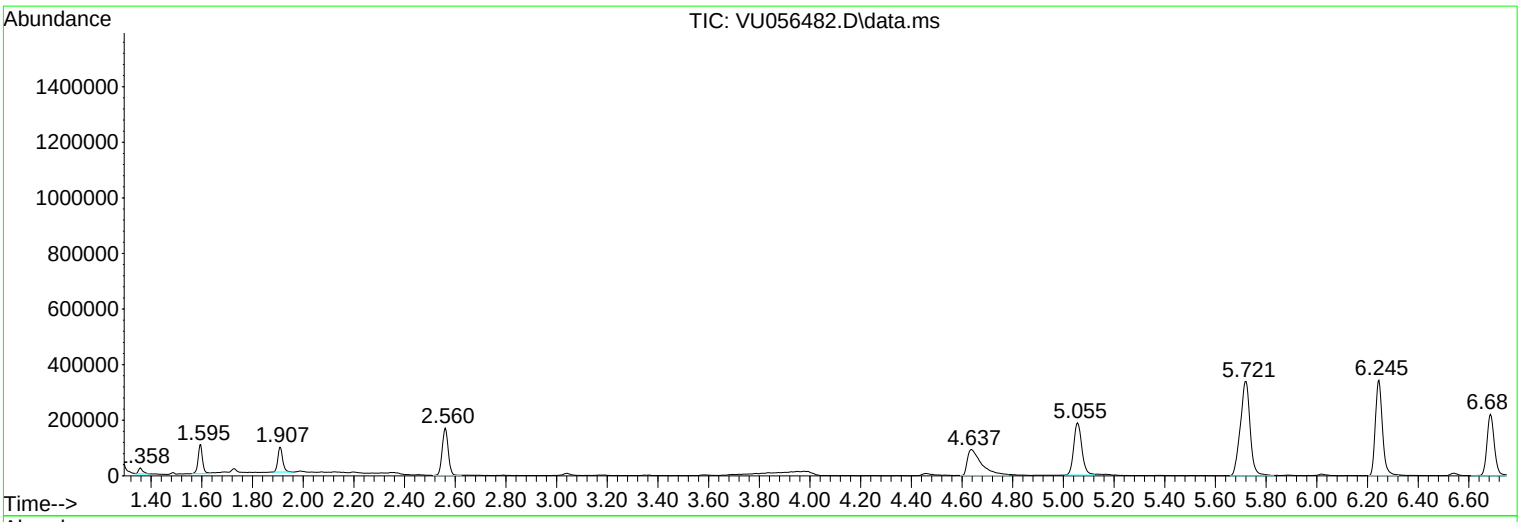
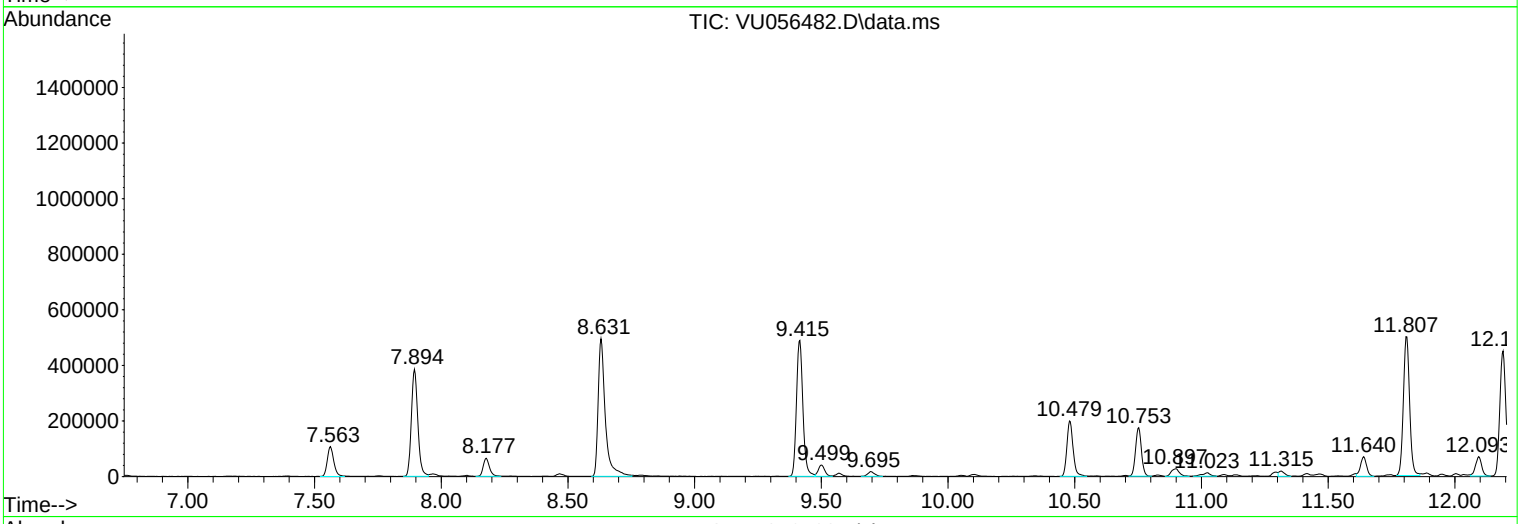
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

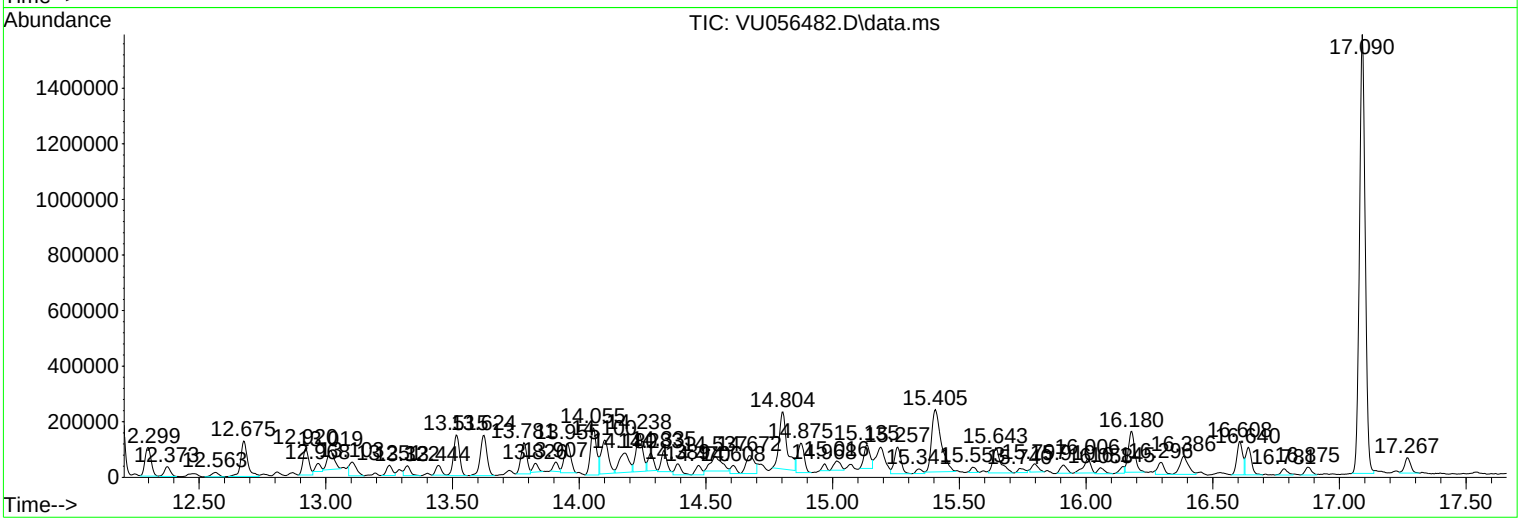
Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

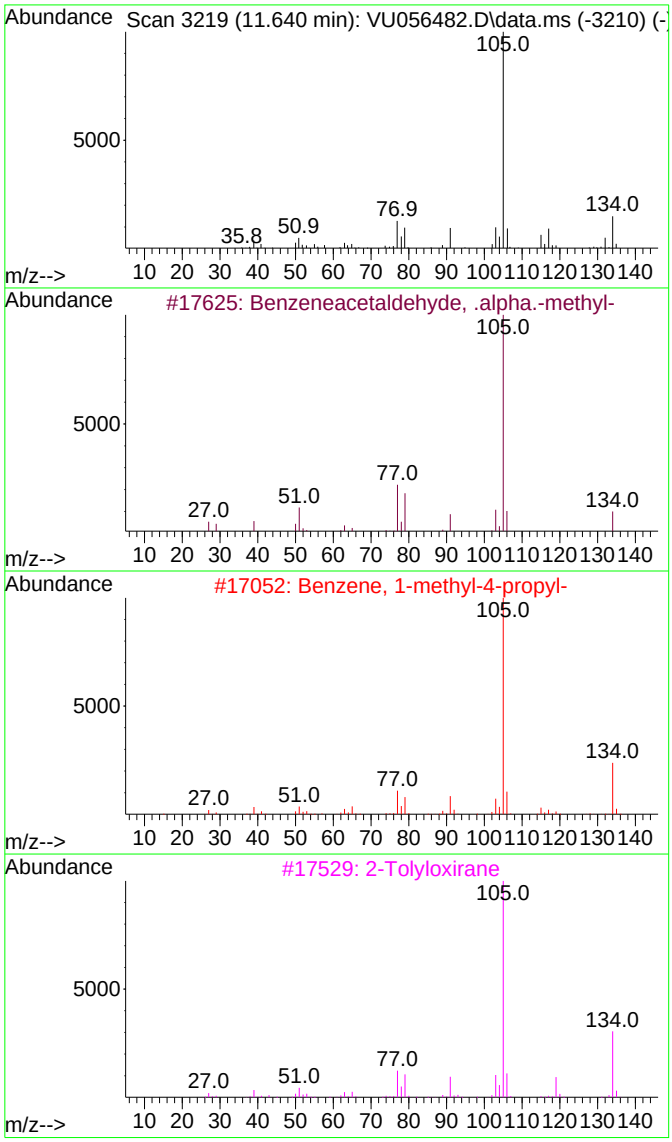
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

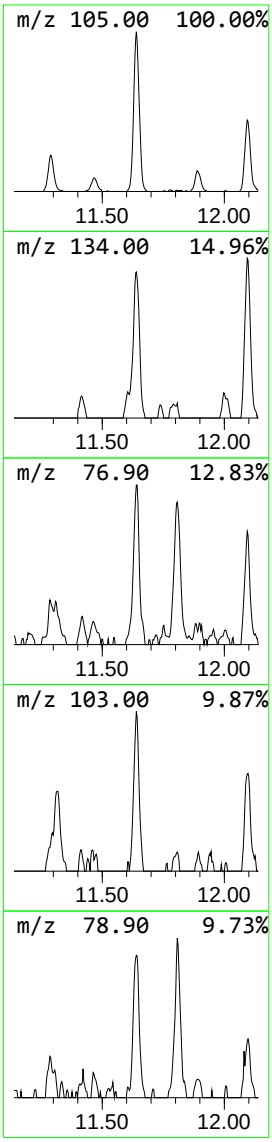
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzeneacetaldehyde, .alpha... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.640	0.69 ug/L	116979	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	2-Tolyloxirane	134	C9H10O	002783-26-8	83
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5	.beta.-Methylphenethylamine, N-p...	281	C12H12F5NO	1000417-34-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

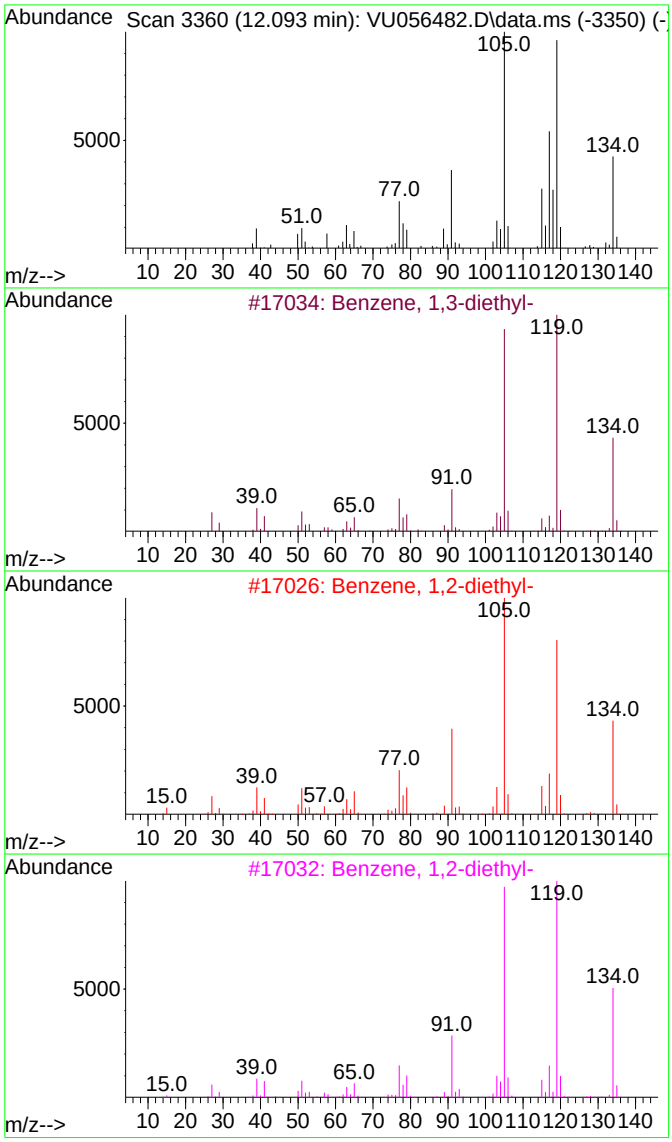
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

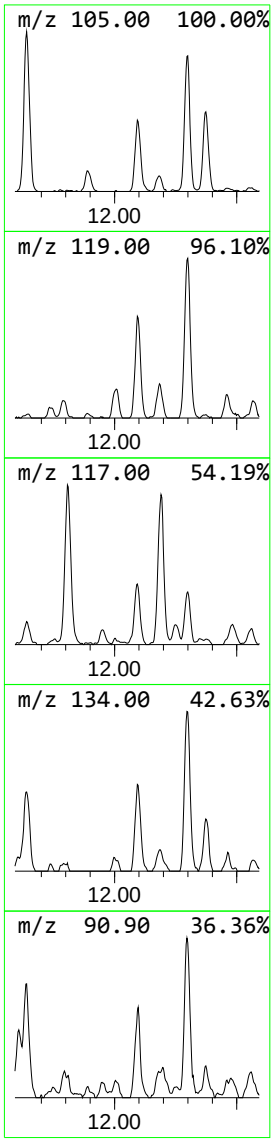
****

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.093	0.69 ug/L	117978	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

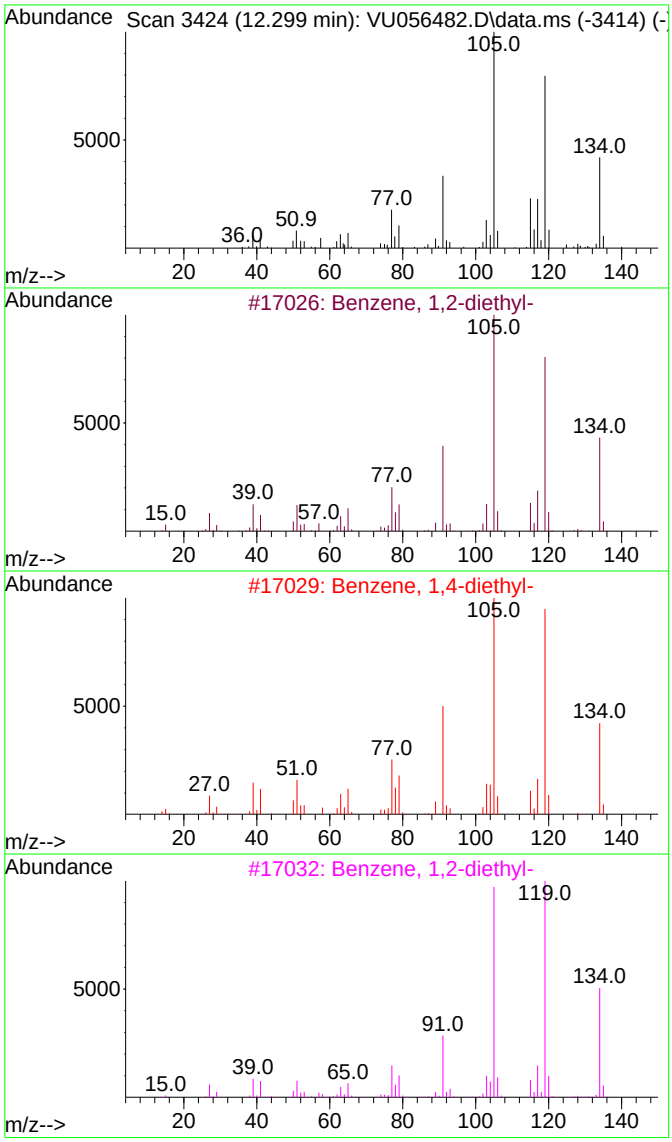
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

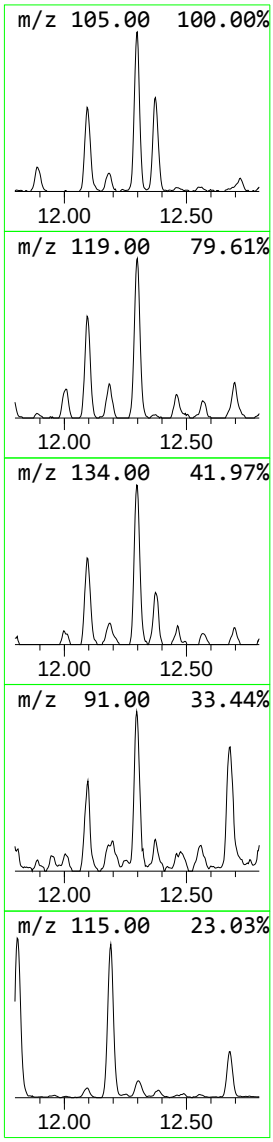
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.299	1.02 ug/L	174329	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
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Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

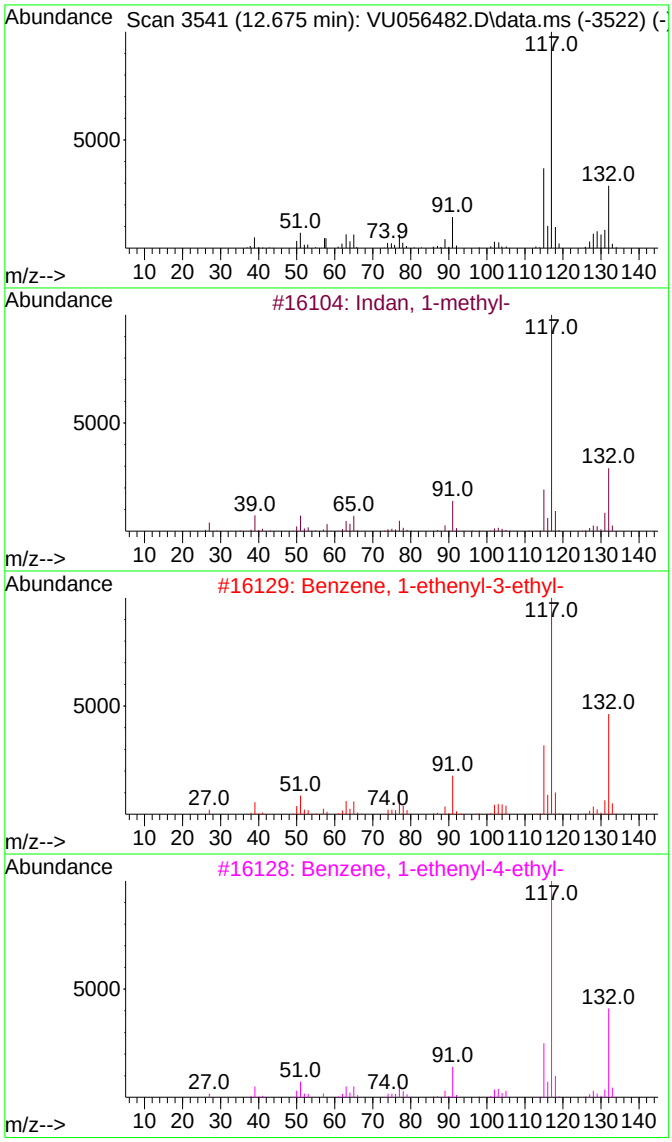
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

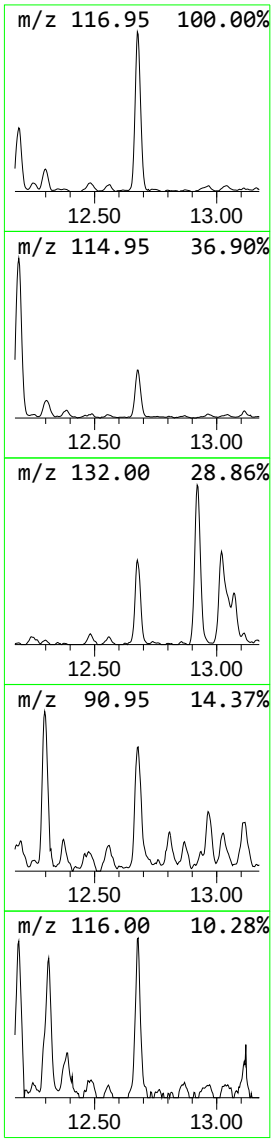
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	1.42 ug/L	241687	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
4	Indan, 1-methyl-	132	C10H12	000767-58-8	74
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	72





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Data File : VU056482.D
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Operator : MD/SY
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

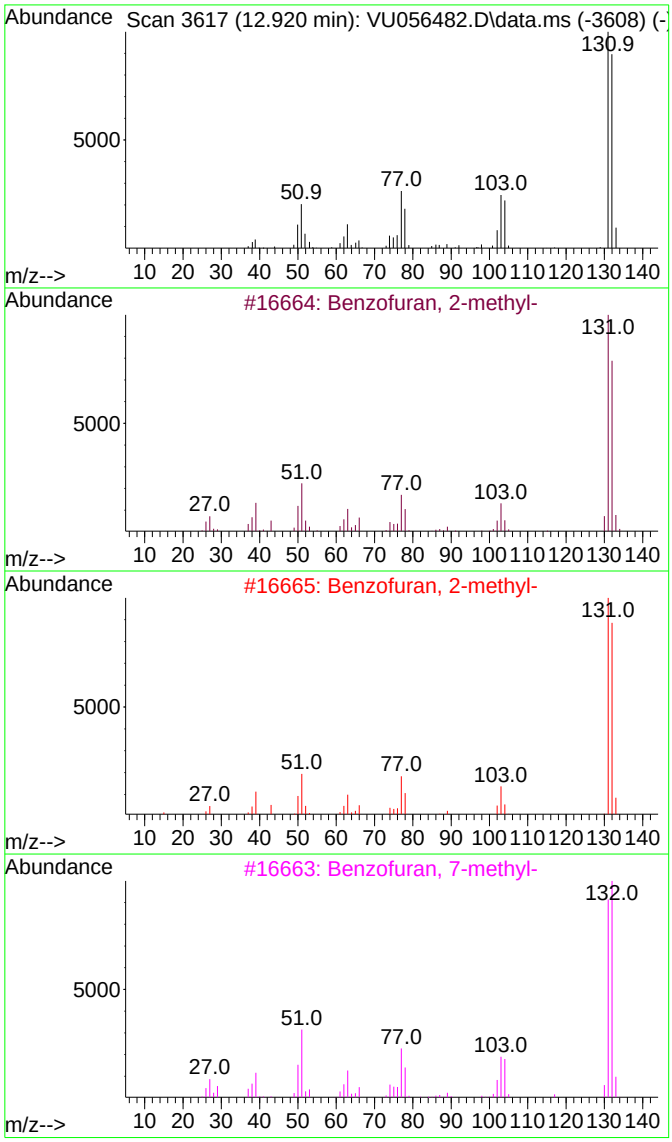
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

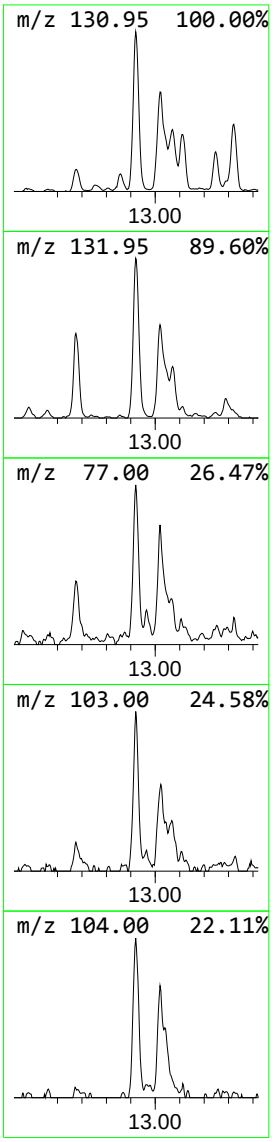
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	0.90 ug/L	153488	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

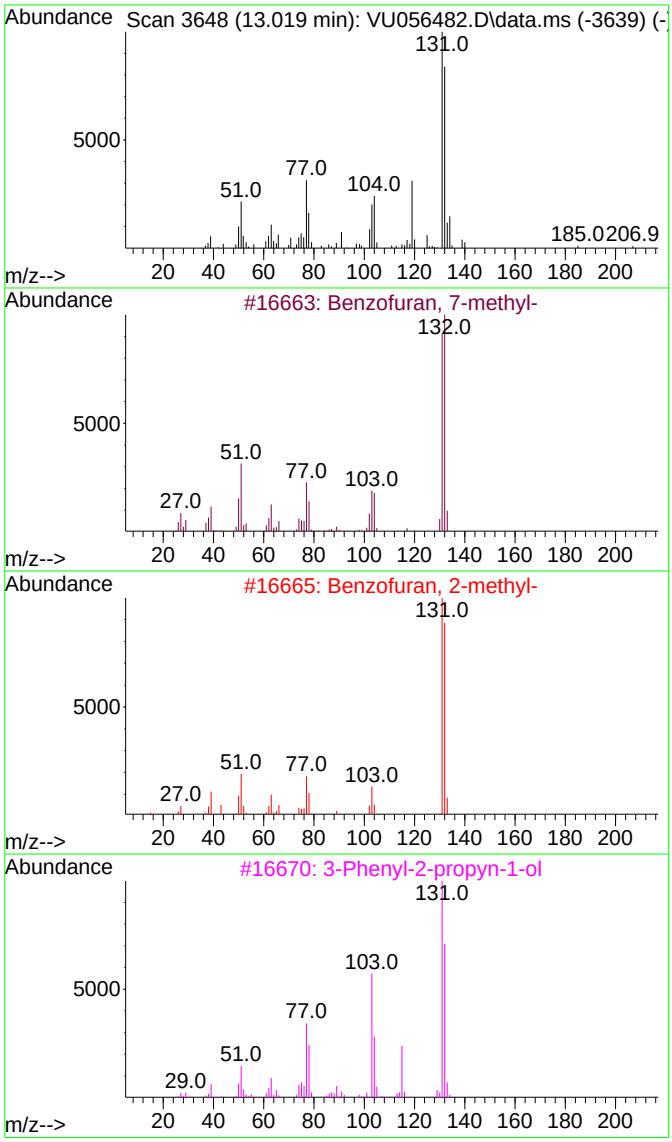
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

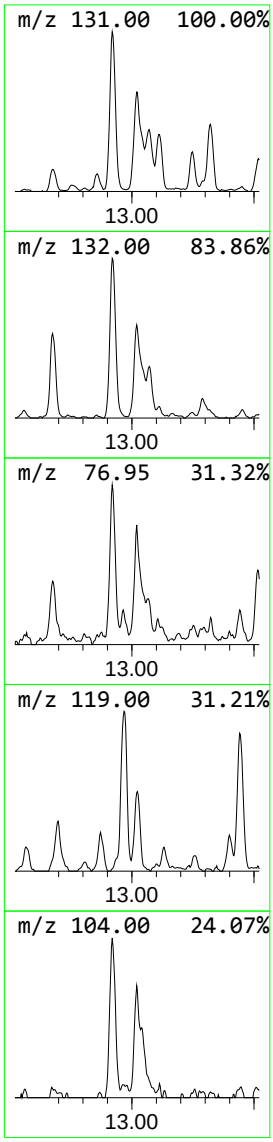
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	0.78 ug/L	132245	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83
4	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	81
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

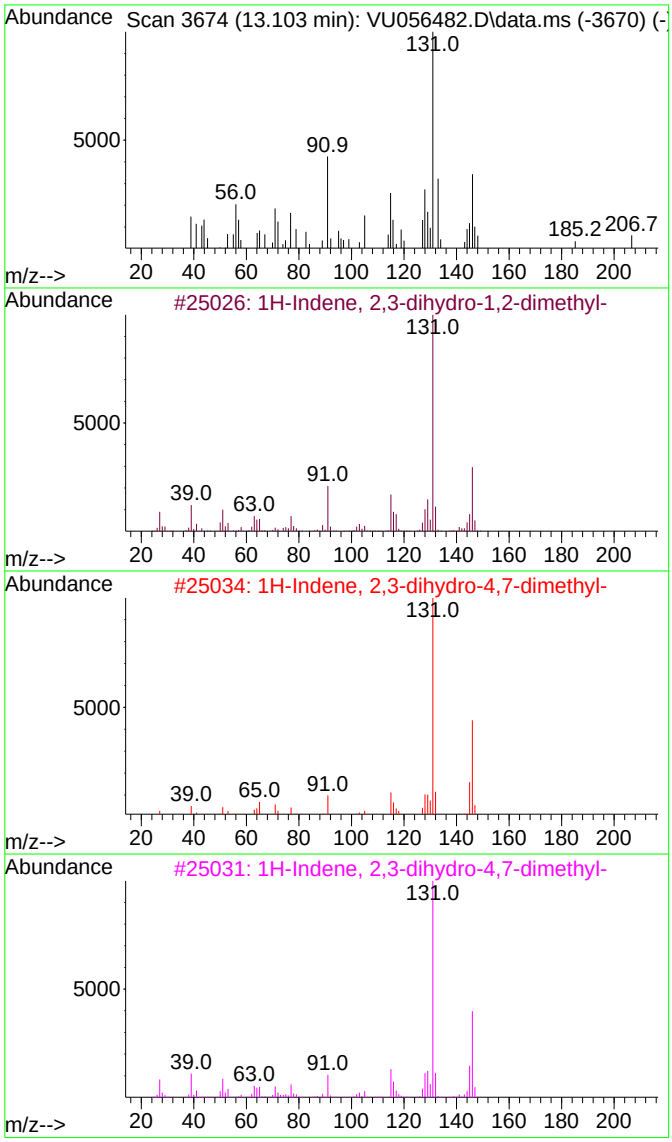
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

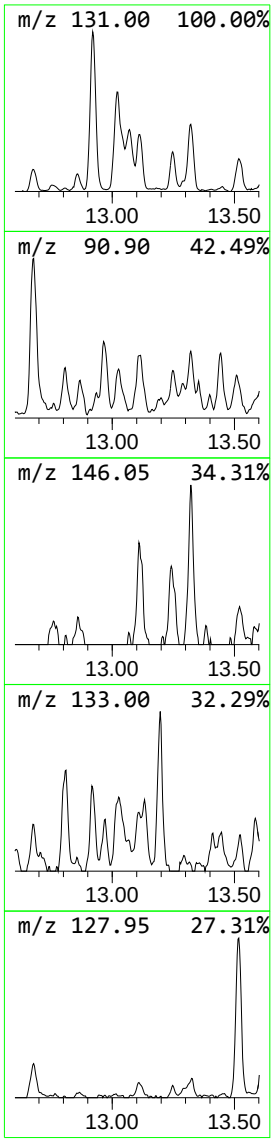
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	0.53 ug/L	90053	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	72
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	59
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	59
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

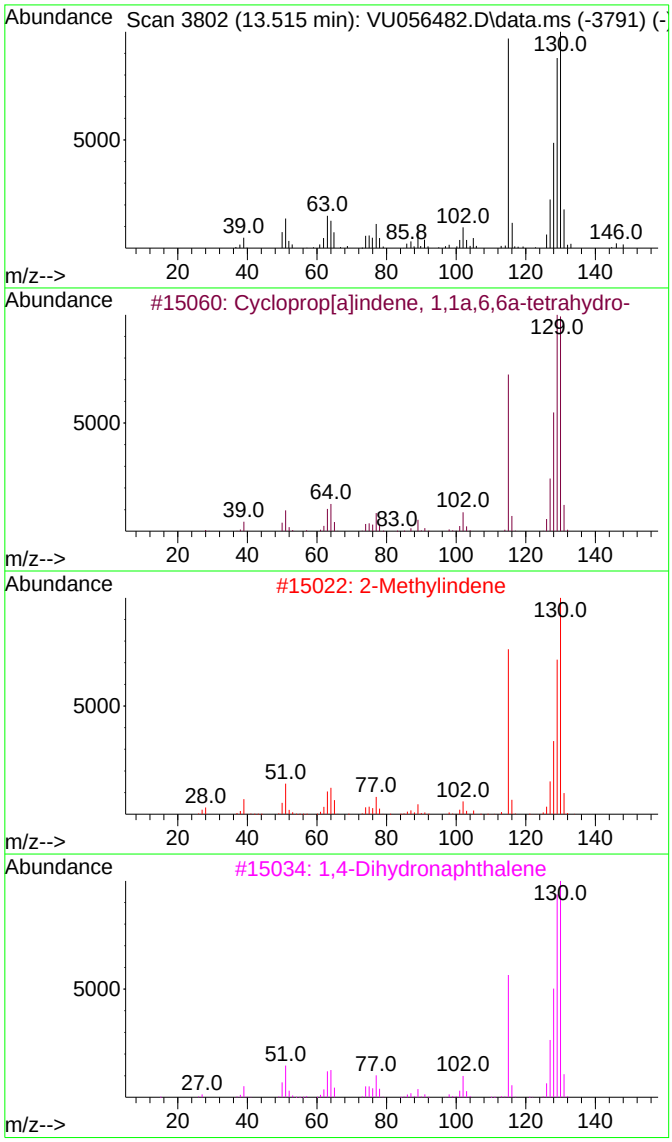
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

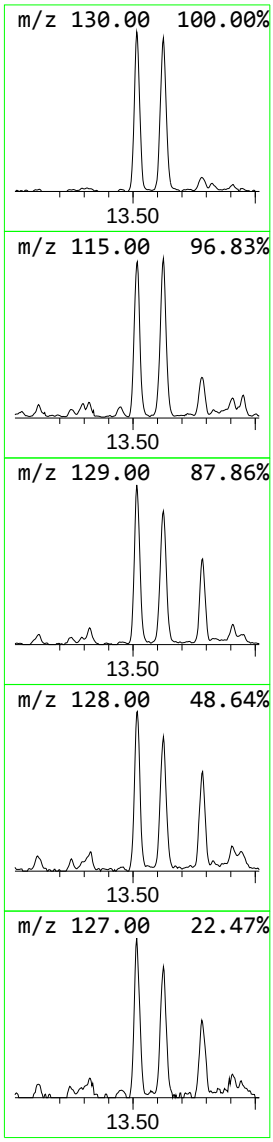
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	1.40 ug/L	238850	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
2	2-Methylindene	130	C10H10	002177-47-1	94
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

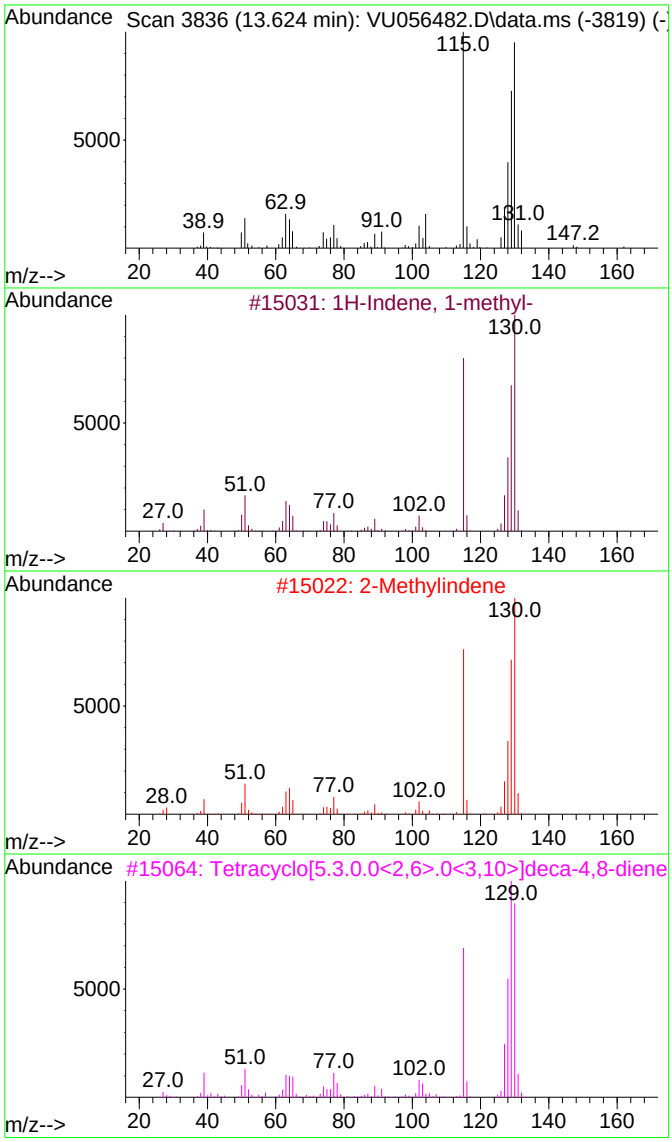
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

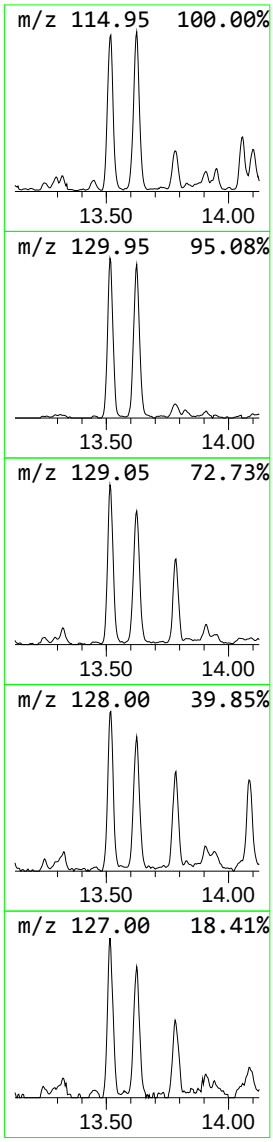
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.624	1.54 ug/L	263014	1,4-Dichlorobenzene-d4	11.810

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	96
3	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	96
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

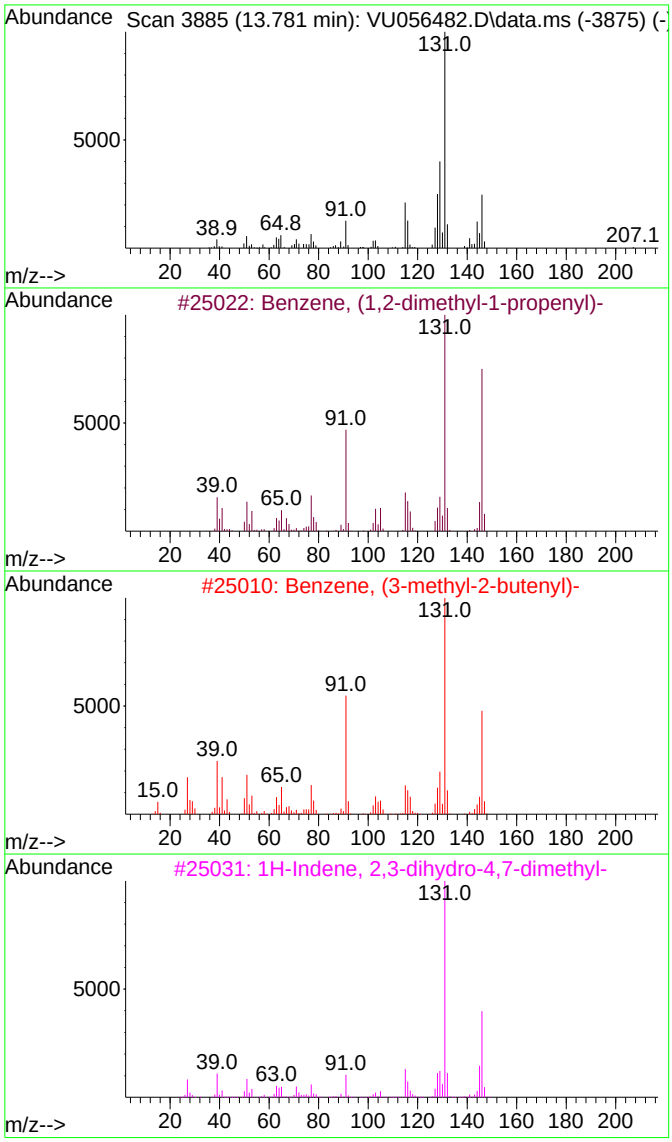
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

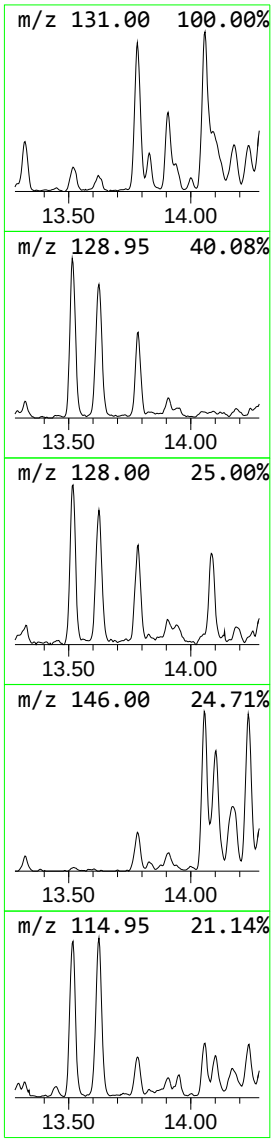
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	1.08 ug/L	183815	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	74
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	68
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

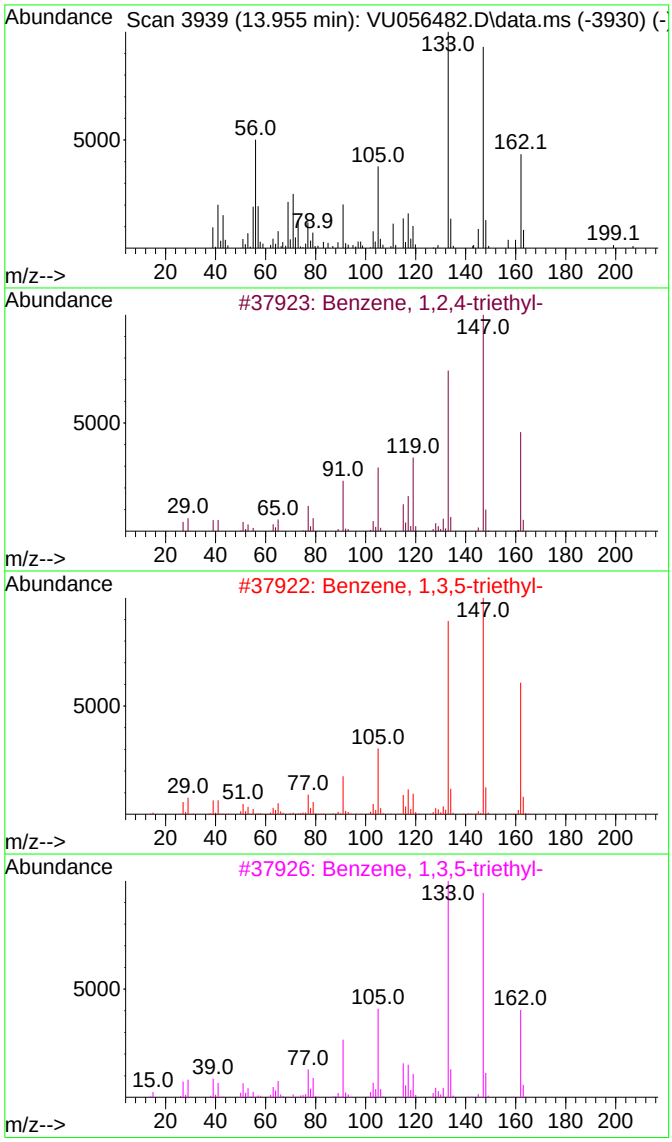
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

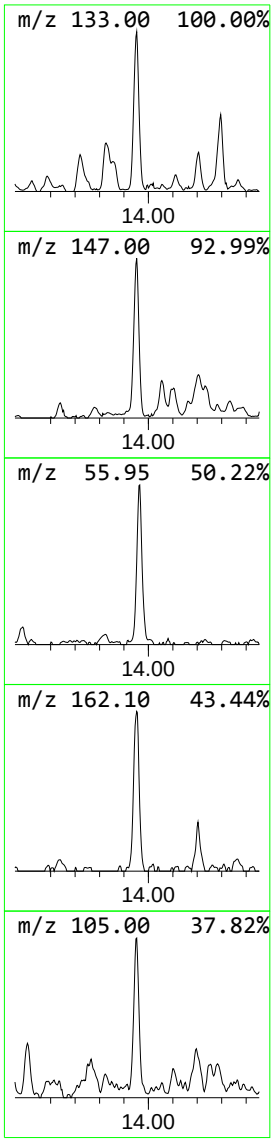
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4-triethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.955	1.08 ug/L	184534	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	90
2	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	90
3	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	90
4	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	81
5	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	70





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

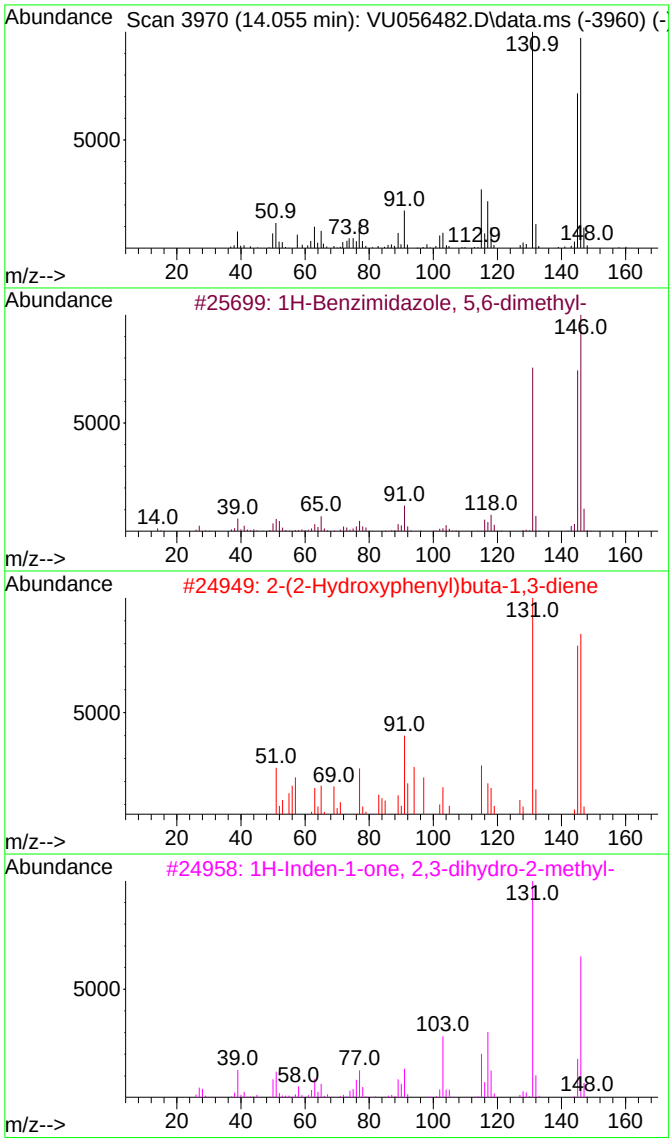
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

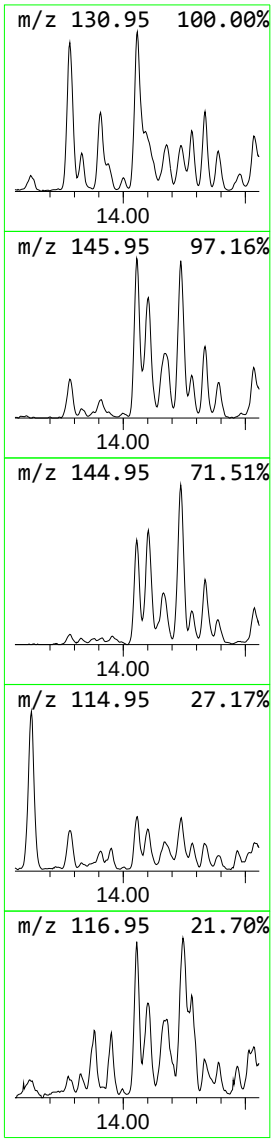
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Benzimidazole, 5,6-dimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.055	1.64 ug/L	279968	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	87
2	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	86
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	83
4	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

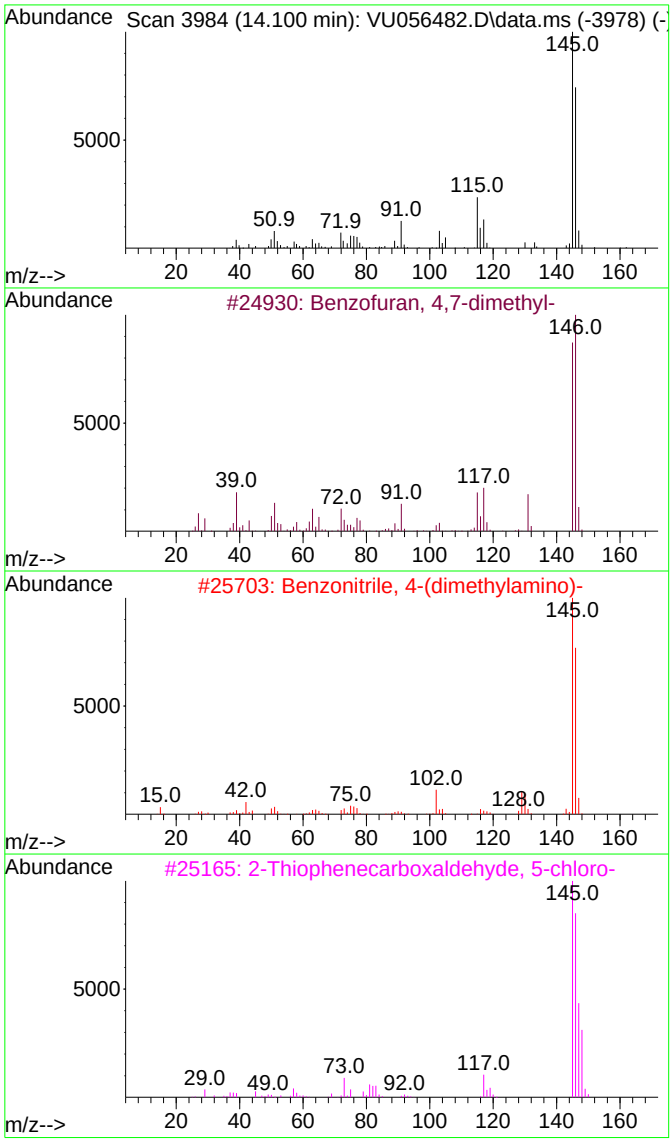
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

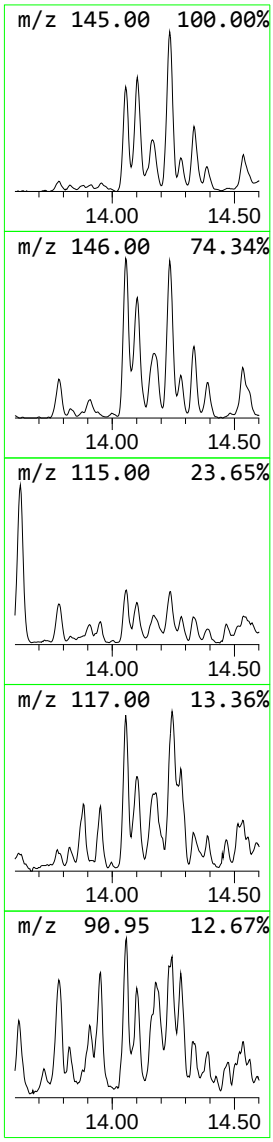
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzofuran, 4,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.100	1.38 ug/L	234909	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	64
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
3	2-Thiophenecarboxaldehyde, 5-chl...	146	C5H3ClOS	007283-96-7	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

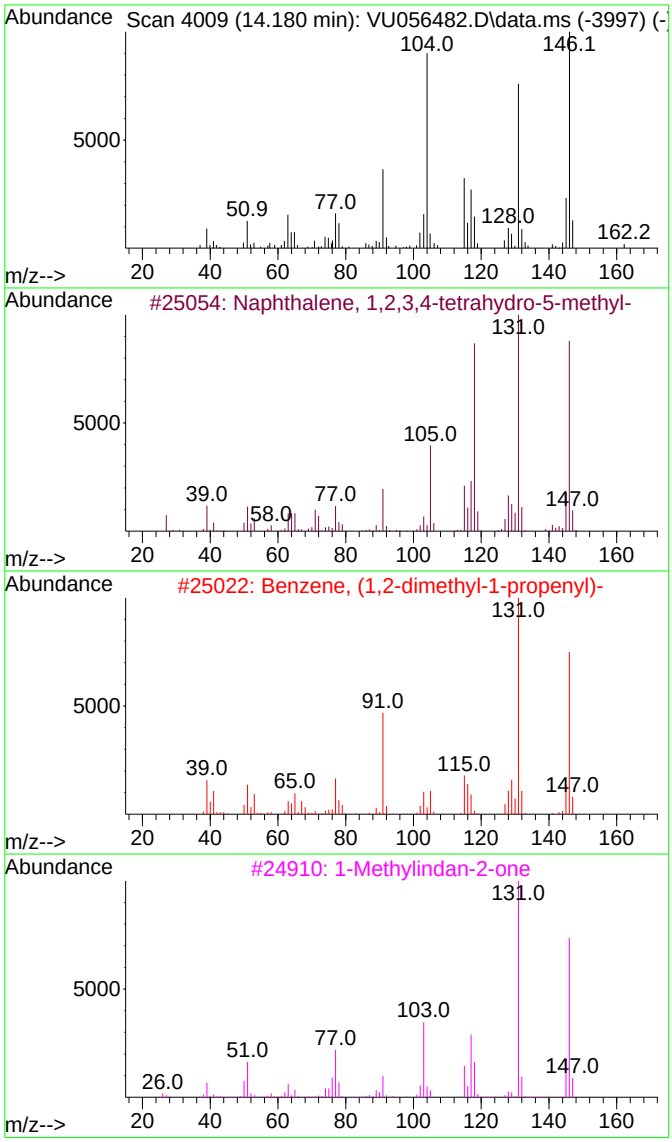
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

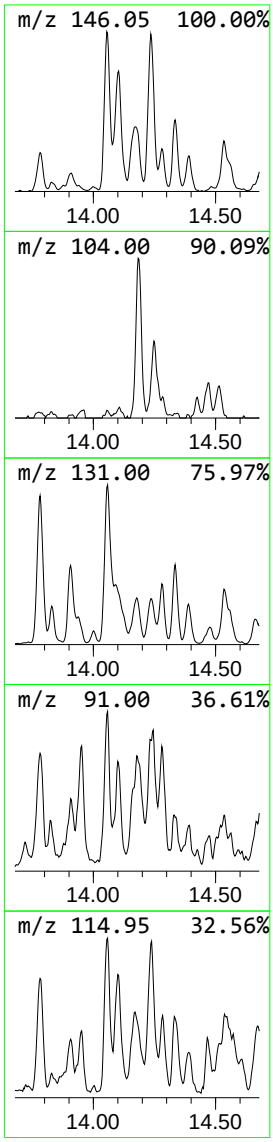
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	1.11 ug/L	188971	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
3	1-Methylindan-2-one	146	C10H10O	035587-60-1	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
5	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	64





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

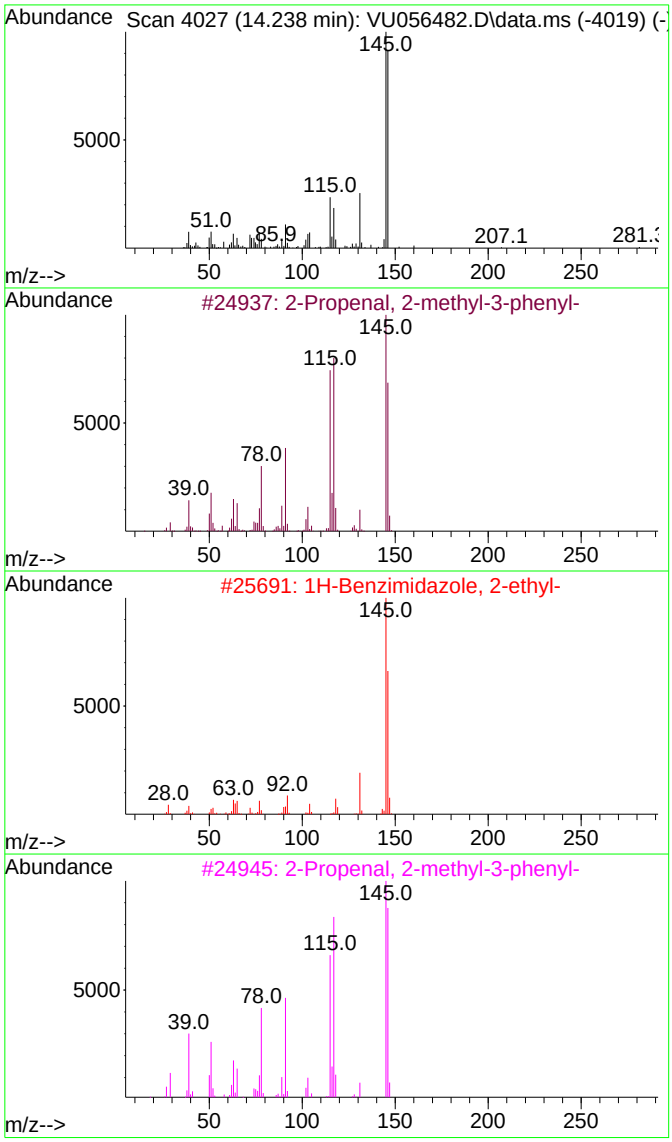
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

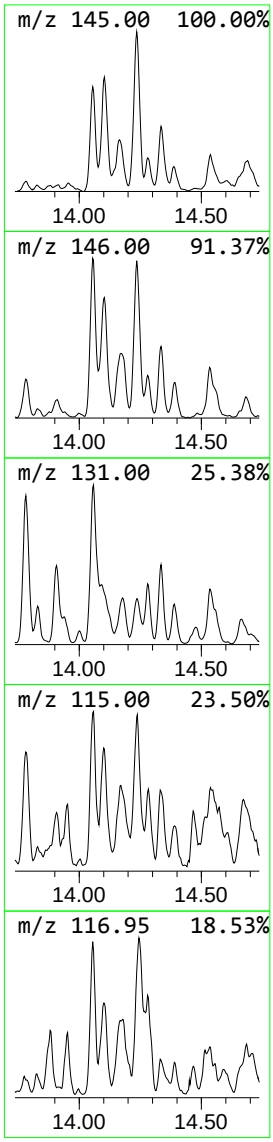
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.238	1.48 ug/L	251678	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	59
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

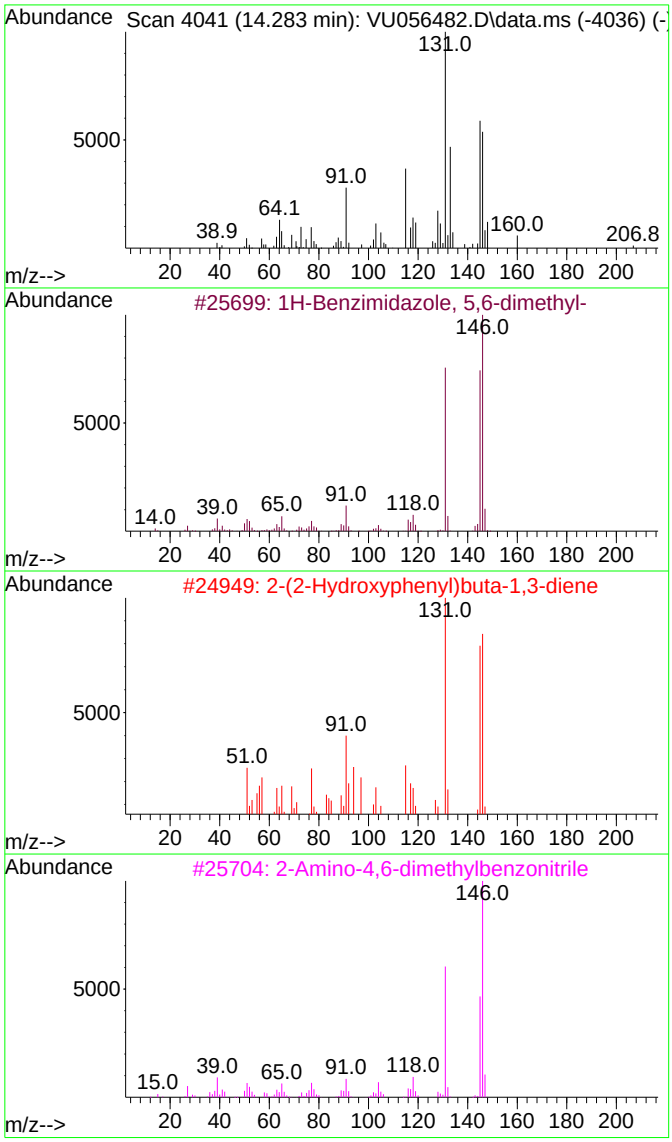
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

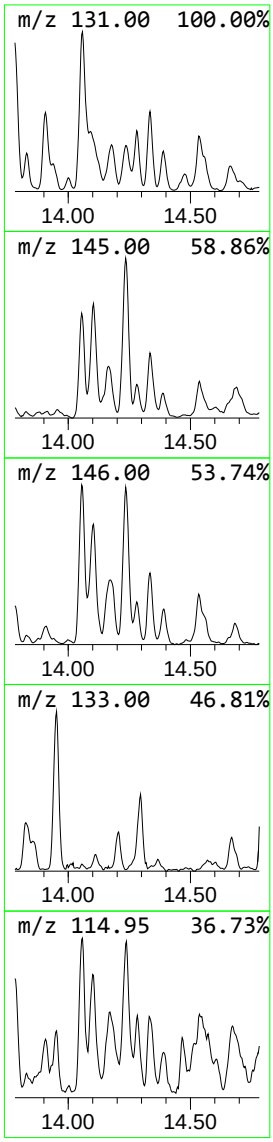
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.283	0.53 ug/L	90282	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	58
2	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	53
3	2-Amino-4,6-dimethylbenzonitrile	146	C9H10N2	1010461-05-1	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

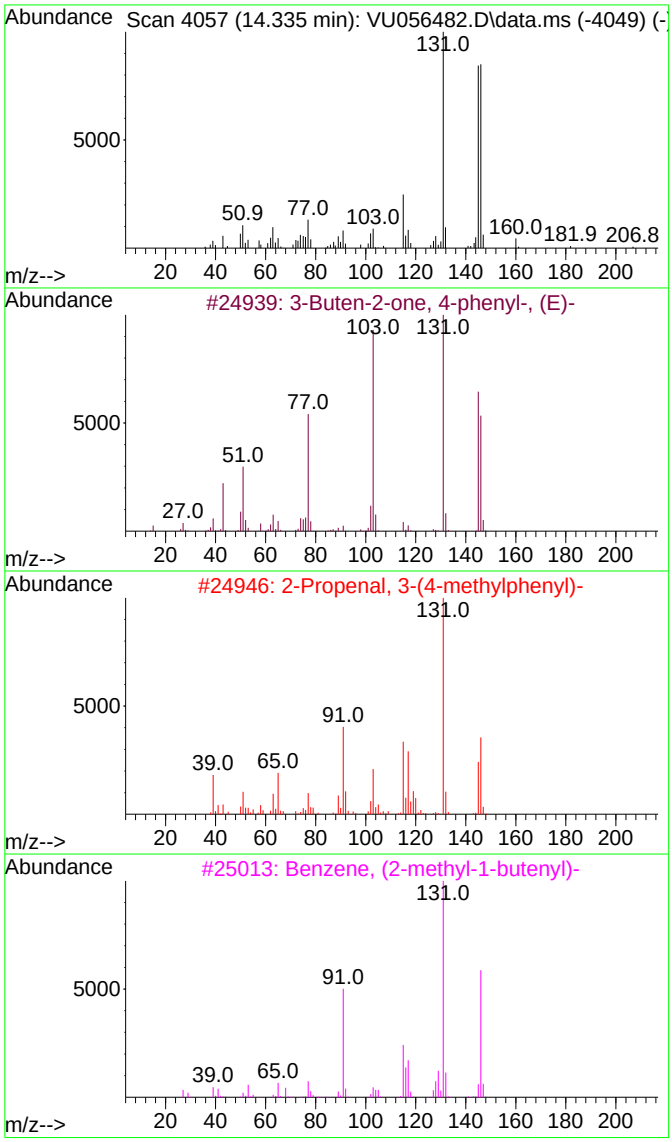
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

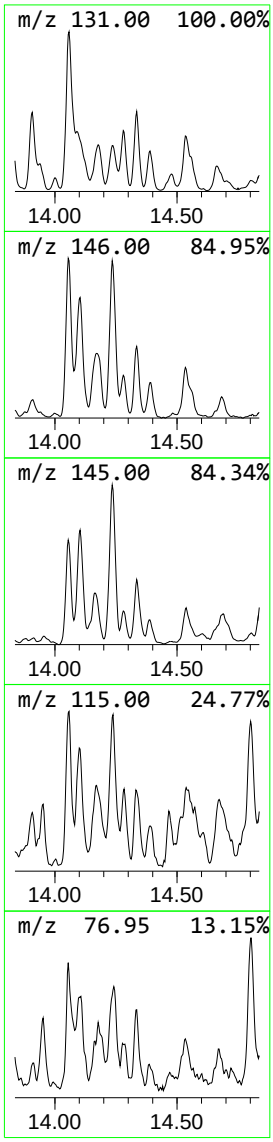
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 3-Buten-2-one, 4-phenyl-, (E)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	0.67 ug/L	113773	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	78
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	53
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	52
4	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	52
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	52





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

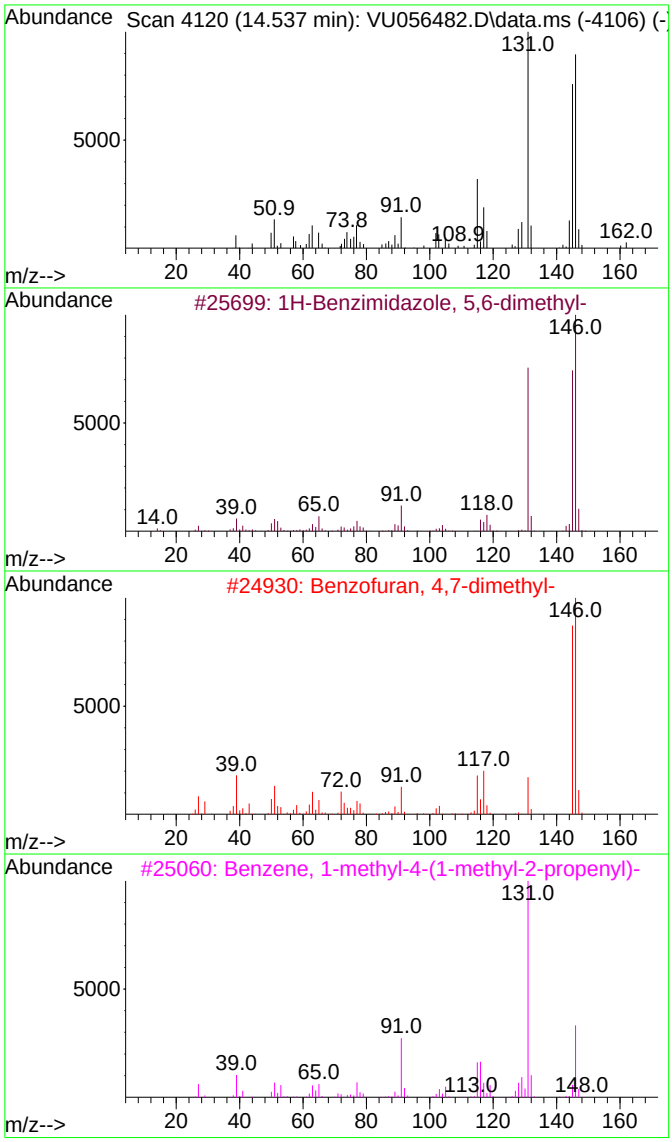
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

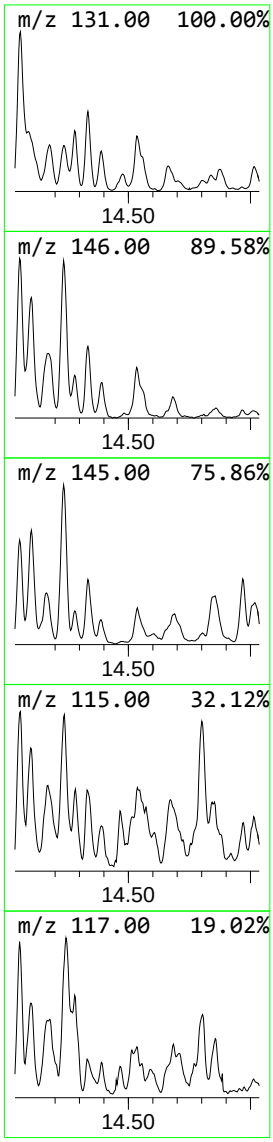
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.537	0.96 ug/L	164186	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64
2	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	60
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

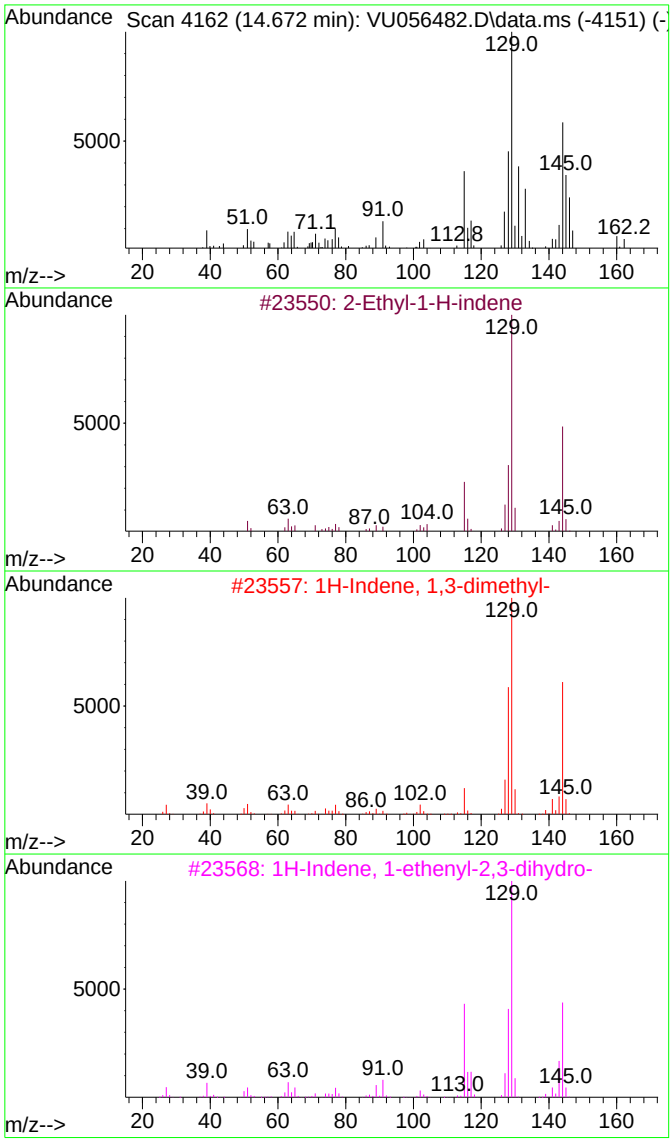
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

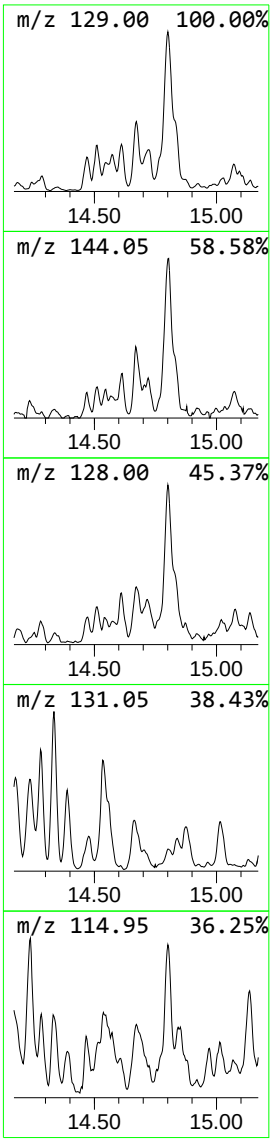
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2-Ethyl-1-H-indene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	0.89 ug/L	152185	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	78
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	60
3	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	60
4	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	60
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	60





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Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

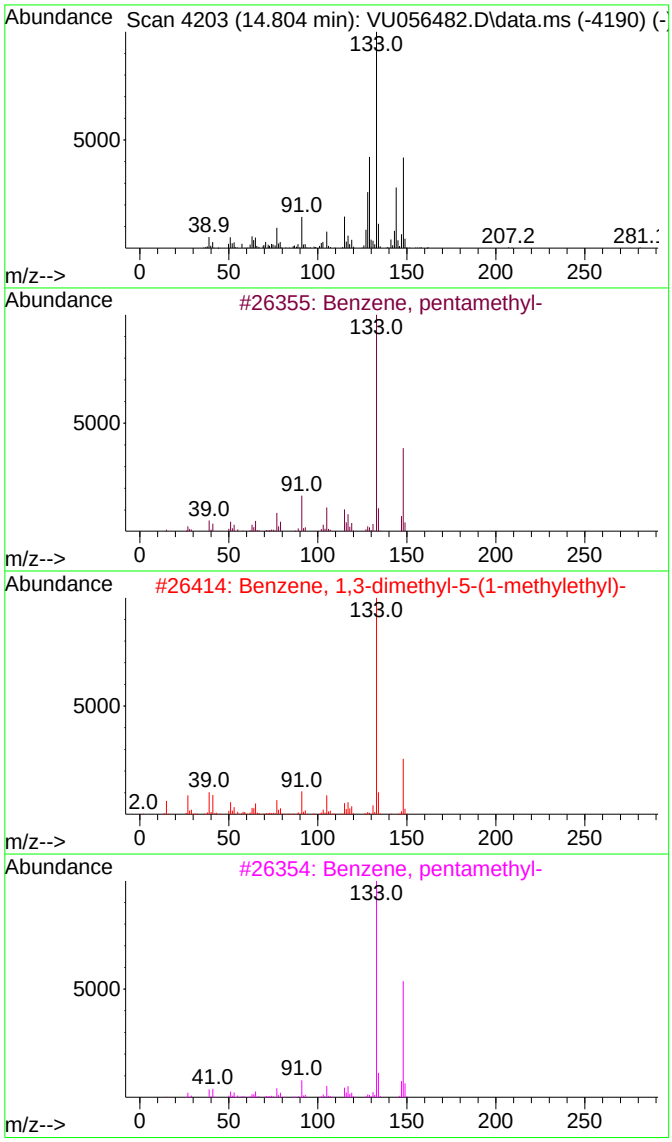
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

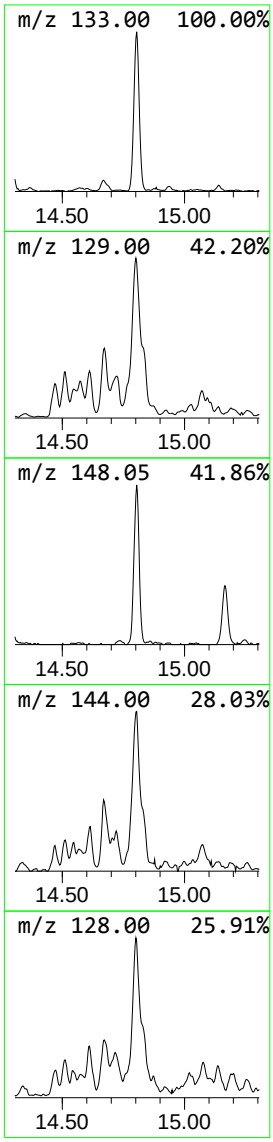
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, pentamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	2.58 ug/L	439386	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	55





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Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

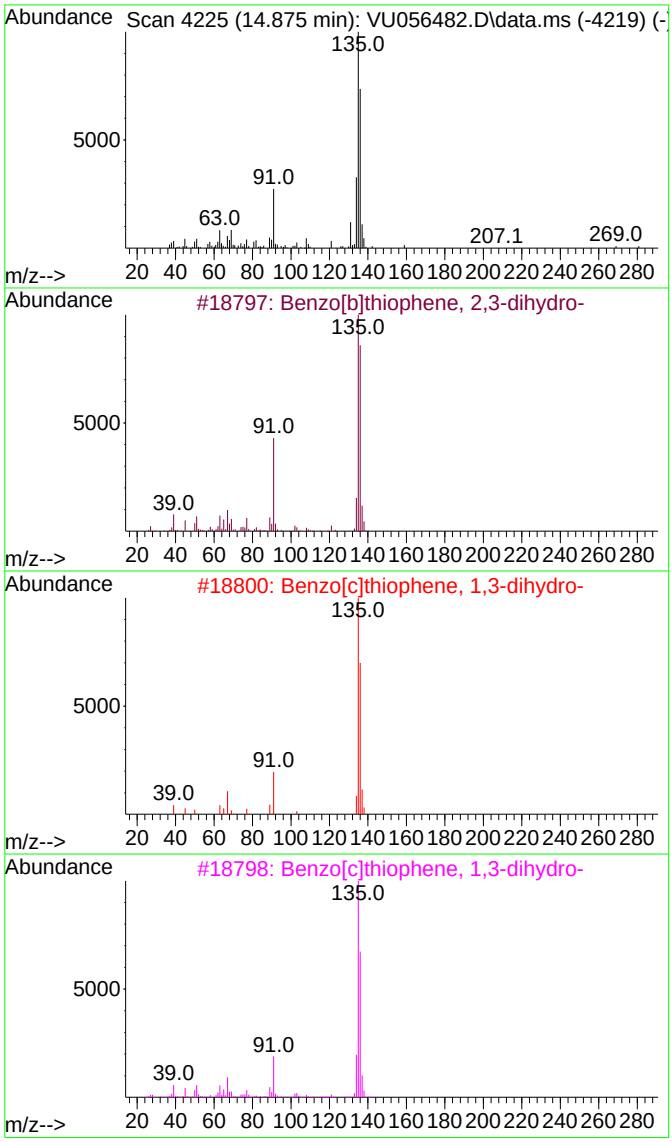
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

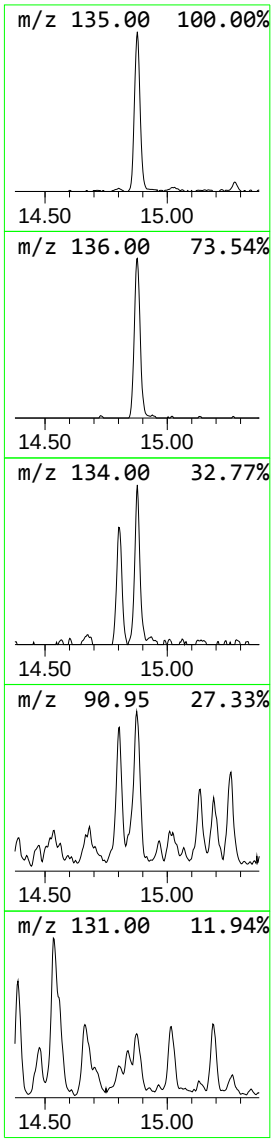
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.875	1.07 ug/L	182544	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	83
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	74
4	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	72
5	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	64





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Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

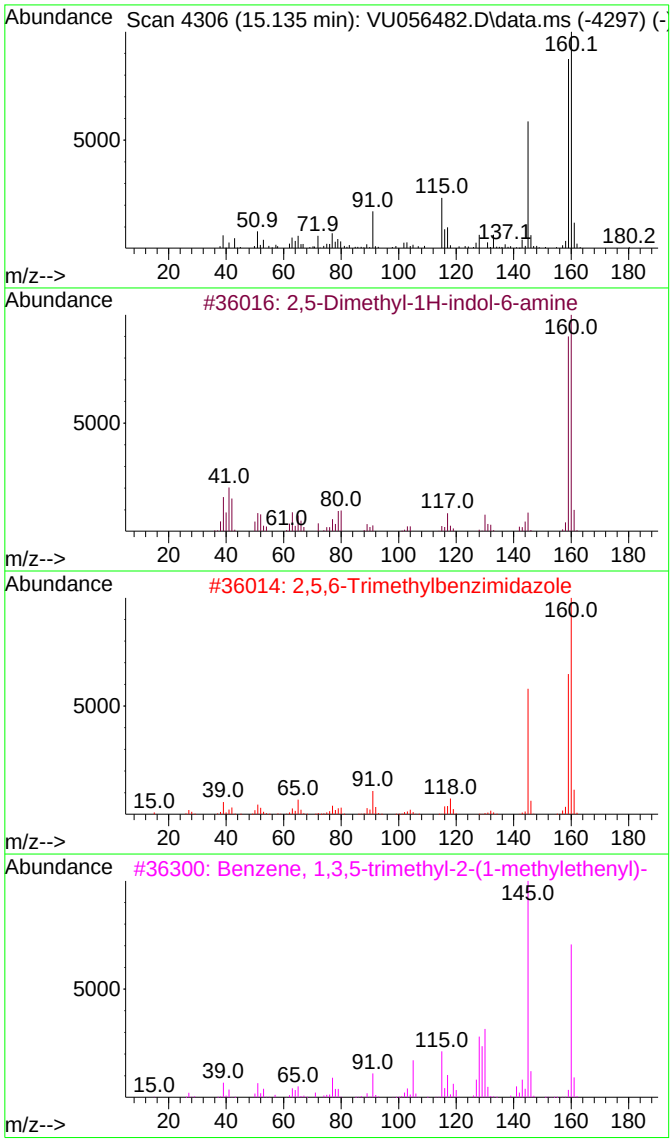
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

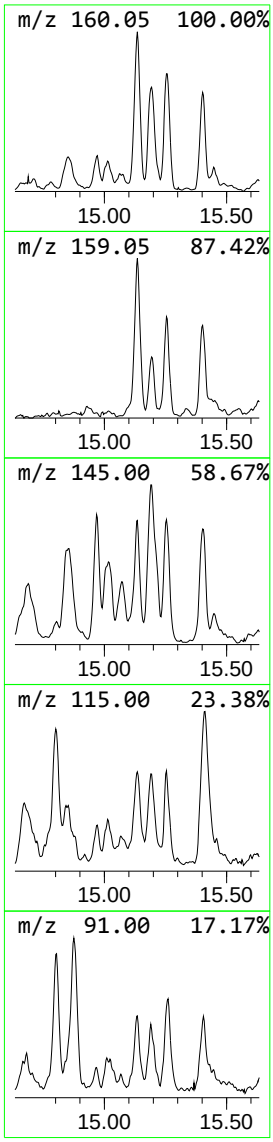
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,5-Dimethyl-1H-indol-6-amine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.135	0.86 ug/L	146537	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethyl-1H-indol-6-amine	160	C10H12N2	1000410-59-3	58
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	58
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	47
5	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	46





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

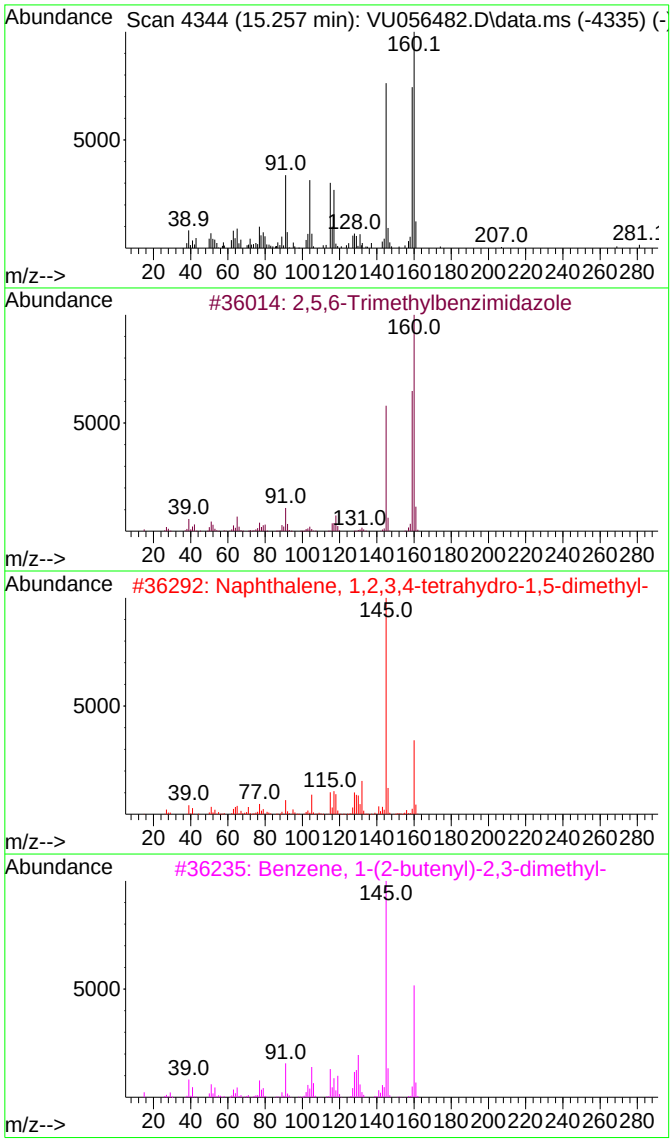
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

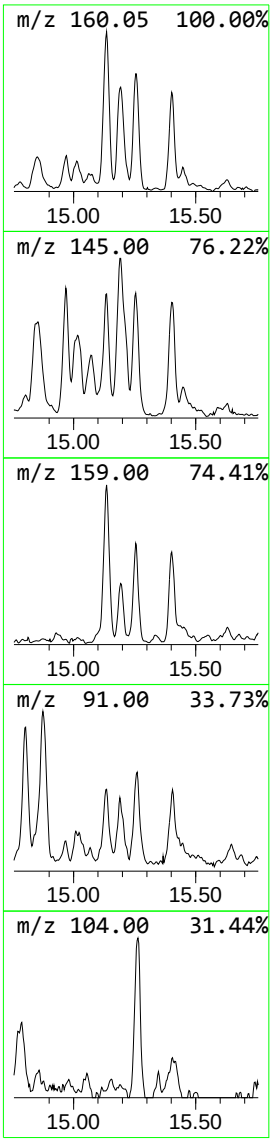
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,5,6-Trimethylbenzimidazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	1.01 ug/L	172249	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	72
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	49





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Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

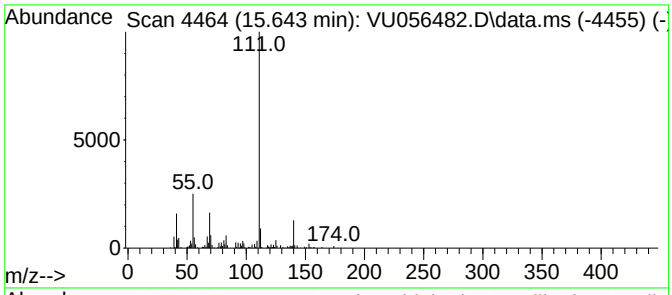
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

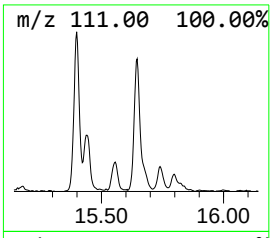
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

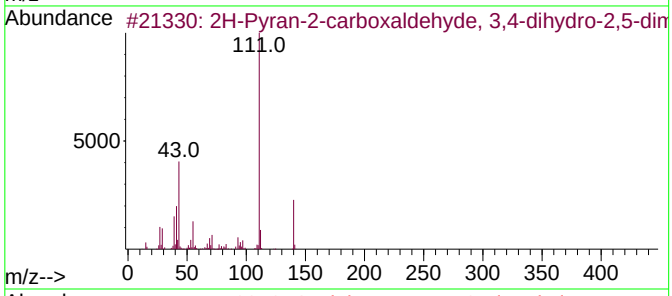
****
Peak Number 26 2H-Pyran-2-carboxaldehyde, ... Concentration Rank 12

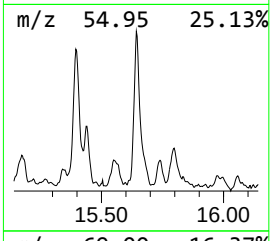
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.643	1.16 ug/L	198037	1,4-Dichlorobenzene-d4	11.810

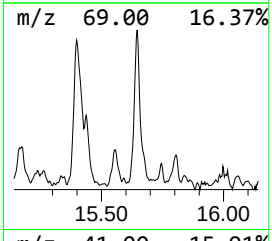
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	72
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
3	(Z)-6-Methyl-2-(tricos-14-en-1-y...	432	C29H52O2	243118-20-9	59
4	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	53
5	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	50

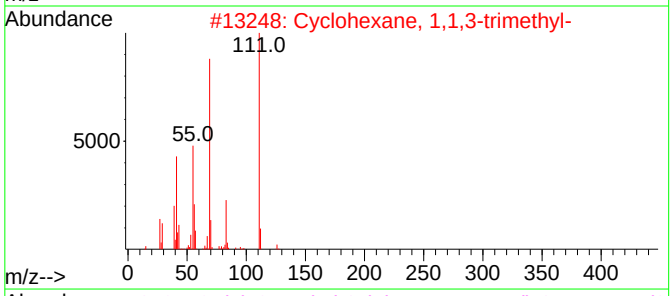


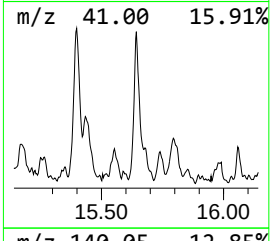


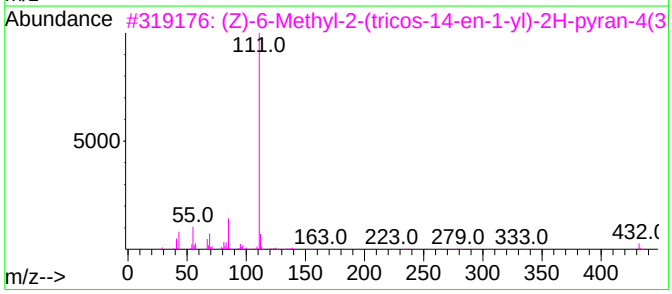


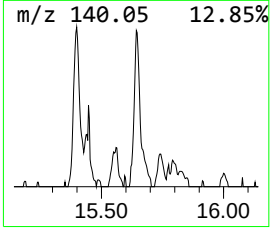












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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

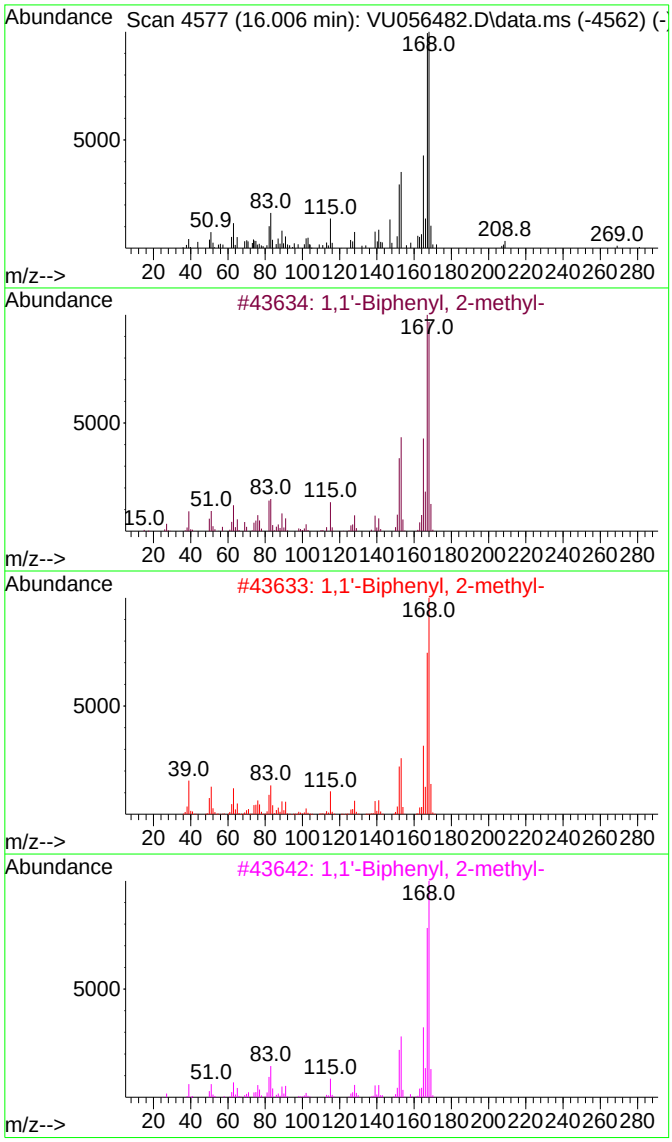
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

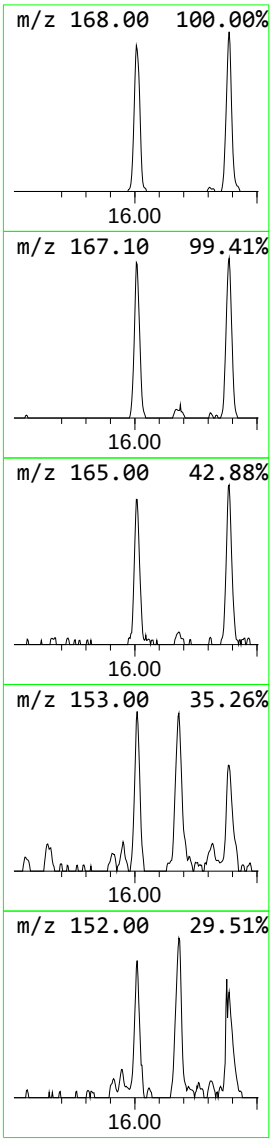
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.006	0.59 ug/L	100298	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	97
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
4	Diphenylmethane	168	C13H12	000101-81-5	90
5	Diphenylmethane	168	C13H12	000101-81-5	90





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

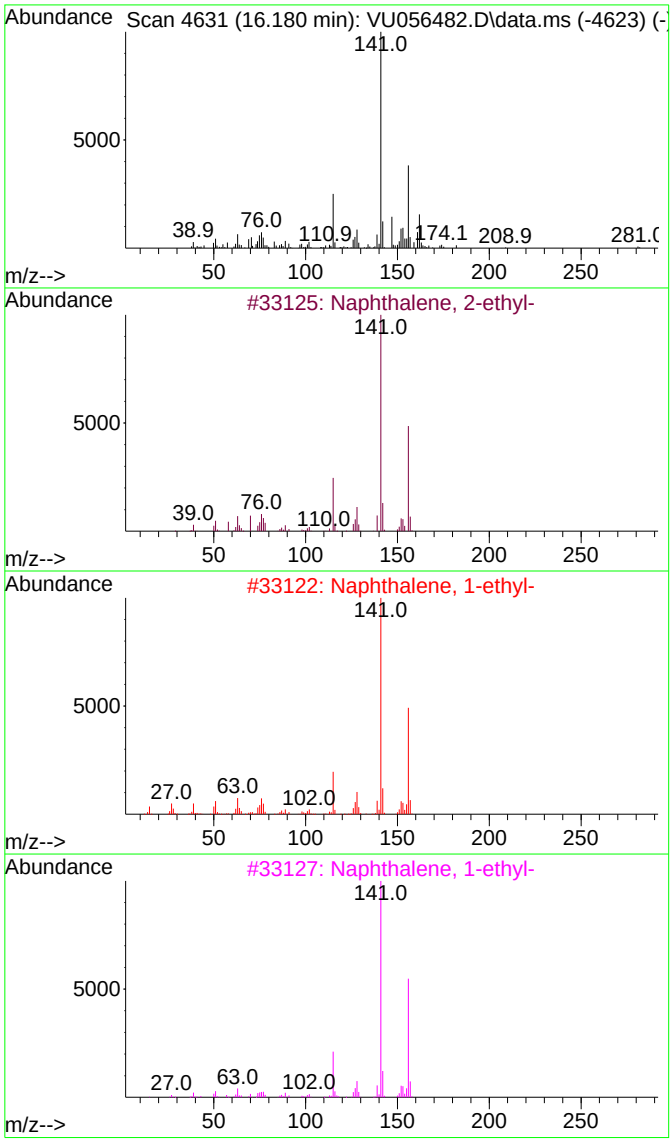
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

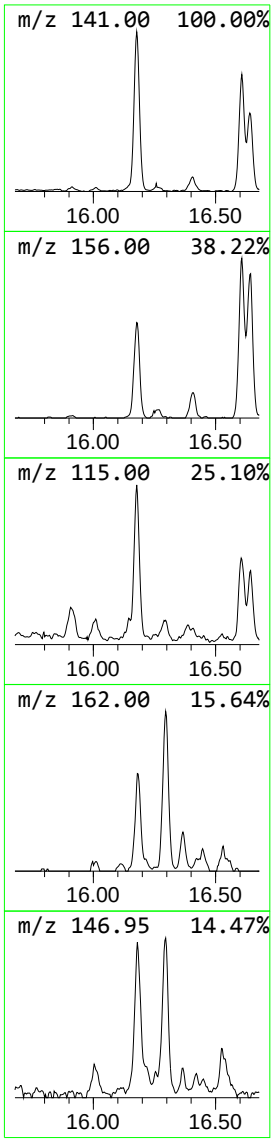
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.180	1.52 ug/L	259326	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	92
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76





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Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

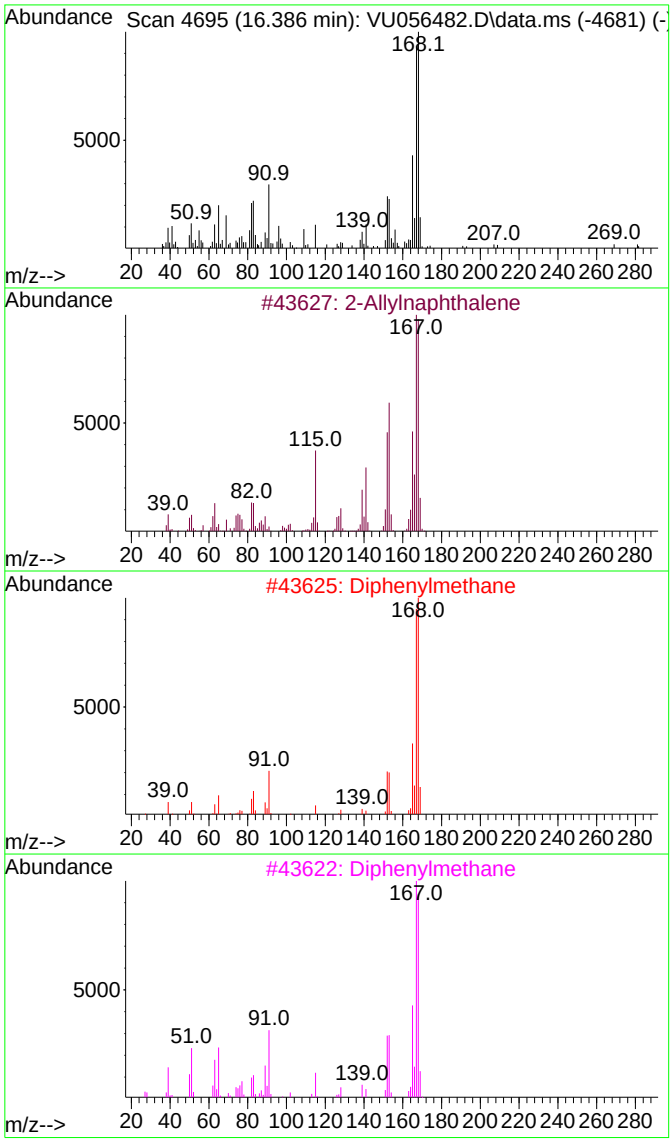
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

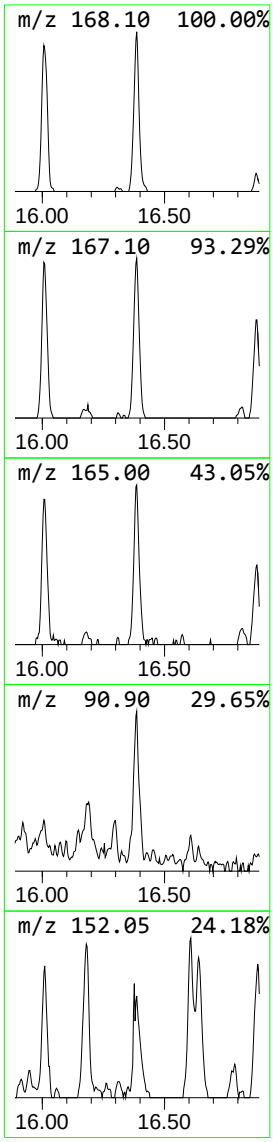
****

Peak Number 29 2-Allylnaphthalene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.386	0.88 ug/L	149392	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Allylnaphthalene	168	C13H12	002489-87-4	95
2	Diphenylmethane	168	C13H12	000101-81-5	94
3	Diphenylmethane	168	C13H12	000101-81-5	93
4	Diphenylmethane	168	C13H12	000101-81-5	93
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

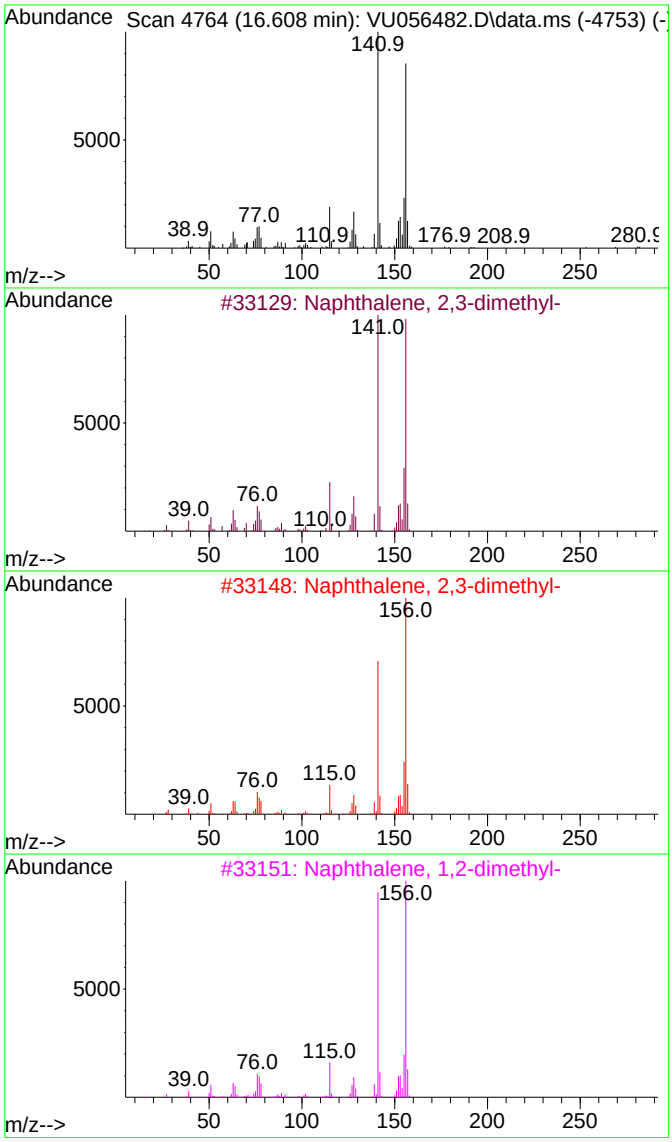
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

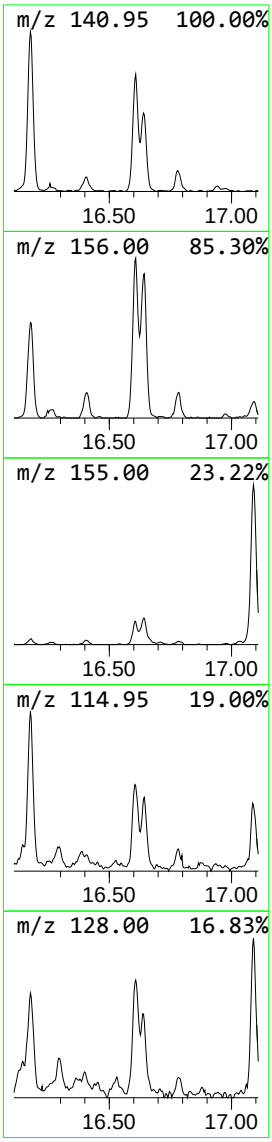
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.608	1.13 ug/L	192883	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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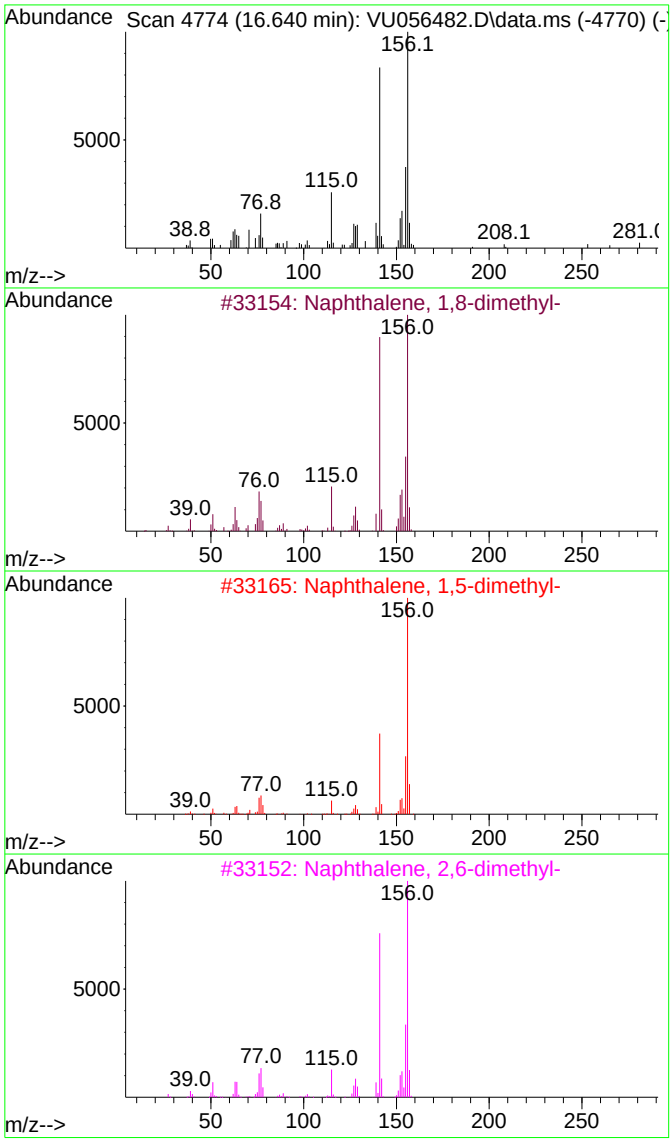
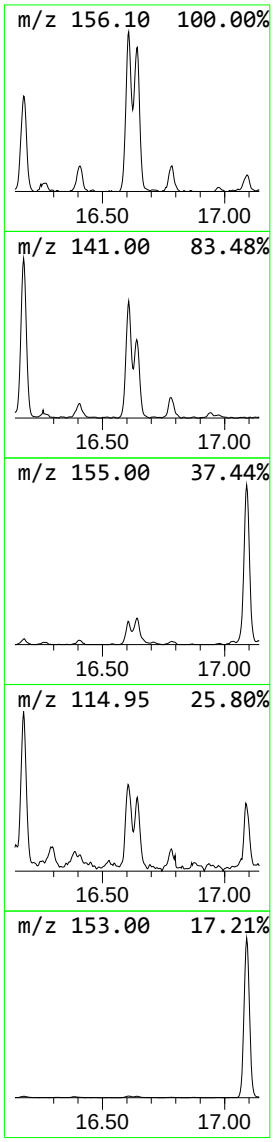
Peak Number 31 Naphthalene, 1,8-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.640	0.85 ug/L	145572	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

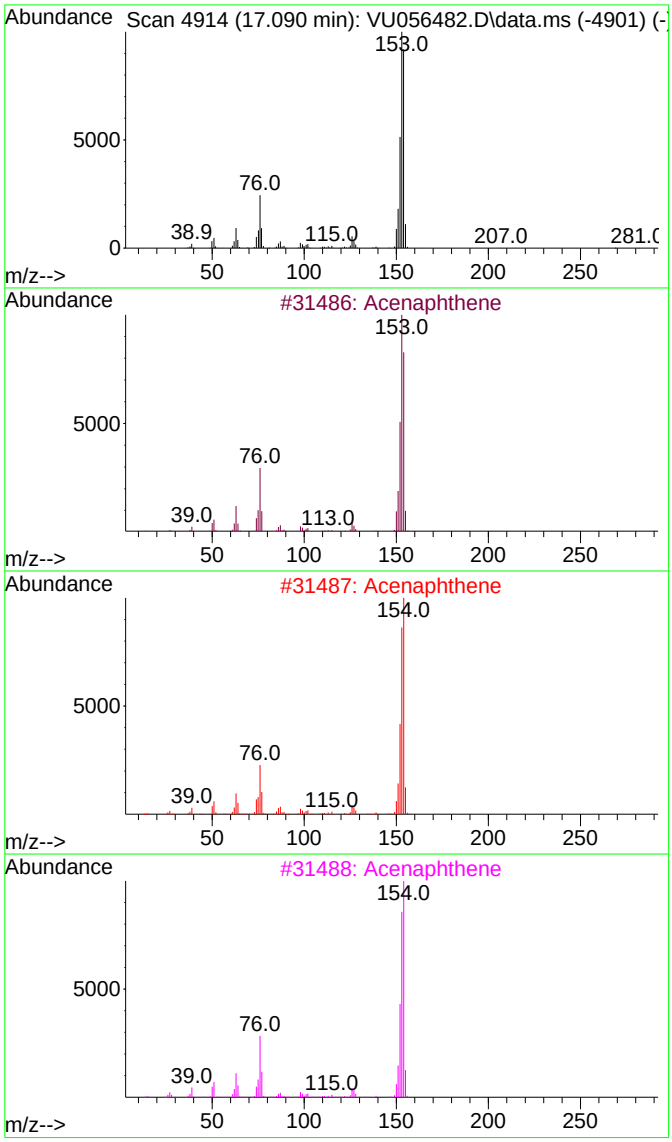
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

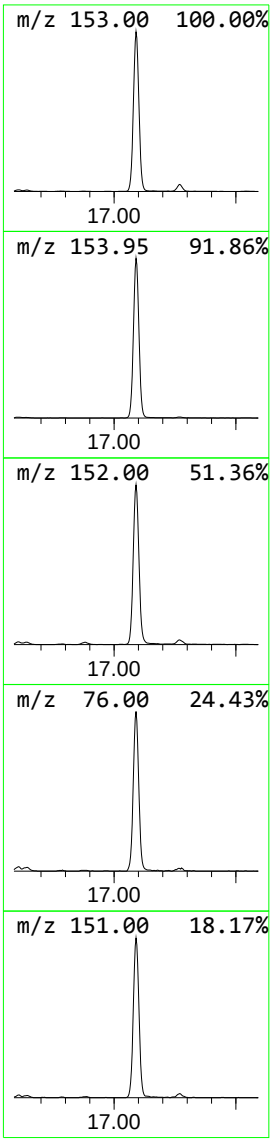
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, 2-ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.090	14.56 ug/L	2482050	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	96
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Acenaphthene	154	C12H10	000083-32-9	92
4	Acenaphthene	154	C12H10	000083-32-9	81
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056482.D
Acq On : 18 Nov 2023 15:59
Operator : MD/SY
Sample : 05452-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.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
Benzeneacetalde...	11.640	0.7	ug/L	116979	3	11.810	852482	5.0
Benzene, 1,3-di...	12.093	0.7	ug/L	117978	3	11.810	852482	5.0
Benzene, 1,2-di...	12.299	1.0	ug/L	174329	3	11.810	852482	5.0
Indan, 1-methyl-	12.675	1.4	ug/L	241687	3	11.810	852482	5.0
Benzofuran, 2-m...	12.920	0.9	ug/L	153488	3	11.810	852482	5.0
Benzofuran, 7-m...	13.020	0.8	ug/L	132245	3	11.810	852482	5.0
1H-Indene, 2,3-...	13.103	0.5	ug/L	90053	3	11.810	852482	5.0
Cycloprop[a]ind...	13.515	1.4	ug/L	238850	3	11.810	852482	5.0
1H-Indene, 1-me...	13.624	1.5	ug/L	263014	3	11.810	852482	5.0
Benzene, (1,2-d...	13.781	1.1	ug/L	183815	3	11.810	852482	5.0
Benzene, 1,2,4-...	13.955	1.1	ug/L	184534	3	11.810	852482	5.0
1H-Benzimidazol...	14.055	1.6	ug/L	279968	3	11.810	852482	5.0
Benzofuran, 4,7...	14.100	1.4	ug/L	234909	3	11.810	852482	5.0
Naphthalene, 1,...	14.180	1.1	ug/L	188971	3	11.810	852482	5.0
2-Propenal, 2-m...	14.238	1.5	ug/L	251678	3	11.810	852482	5.0
2-(2-Hydroxyphe...	14.283	0.5	ug/L	90282	3	11.810	852482	5.0
3-Buten-2-one, ...	14.335	0.7	ug/L	113773	3	11.810	852482	5.0
Benzene, 1-meth...	14.537	1.0	ug/L	164186	3	11.810	852482	5.0
2-Ethyl-1-H-indene	14.672	0.9	ug/L	152185	3	11.810	852482	5.0
Benzene, pentam...	14.804	2.6	ug/L	439386	3	11.810	852482	5.0
Benzo[b]thiophe...	14.875	1.1	ug/L	182544	3	11.810	852482	5.0
2,5-Dimethyl-1H...	15.135	0.9	ug/L	146537	3	11.810	852482	5.0
2,5,6-Trimethyl...	15.257	1.0	ug/L	172249	3	11.810	852482	5.0
2H-Pyran-2-carb...	15.643	1.2	ug/L	198037	3	11.810	852482	5.0
1,1'-Biphenyl, ...	16.006	0.6	ug/L	100298	3	11.810	852482	5.0
Naphthalene, 2-...	16.180	1.5	ug/L	259326	3	11.810	852482	5.0
2-Allylnaphthalene	16.386	0.9	ug/L	149392	3	11.810	852482	5.0
Naphthalene, 2,...	16.608	1.1	ug/L	192883	3	11.810	852482	5.0
Naphthalene, 1,...	16.640	0.8	ug/L	145572	3	11.810	852482	5.0
Naphthalene, 2-...	17.090	14.6	ug/L	2482050	3	11.810	852482	5.0