LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU052591.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	72	81	92	rBV	76869	89215	1.51%	0.271%
2	1.916	170	179	192	rBV	75958	99351	1.68%	0.301%
3	2.568	370	382	398	rVB	132036	215834	3.65%	0.655%
4	3.044	513	530	549	rBV	30635	66370	1.12%	0.201%
5	3.353	613	626	648	rVB	49430	100306	1.70%	0.304%
6	4.645	1006	1028	1080	rBV	123074	514865	8.71%	1.562%
7	5.057	1140	1156	1176	rBV	138834	310402	5.25%	0.942%
8	5.723	1342	1363	1369	rBV2	281053	721269	12.21%	2.188%
9	5.771	1370	1378	1403	rVB	602931	1216272	20.58%	3.690%
10	6.247	1512	1526	1549	rBV	235838	456667	7.73%	1.385%
11	6.687	1648	1663	1679	rBV	193897	378631	6.41%	1.149%
12	7.562	1922	1935	1955	rBV2	85450	153064	2.59%	0.464%
13	7.896	2026	2039	2052	rBV	307638	532466	9.01%	1.615%
14	7.967	2052	2061	2073	rVB	37074	65816	1.11%	0.200%
15	8.176	2111	2126	2141	rBV2	55124	95651	1.62%	0.290%
16	8.632	2250	2268	2299	rBV	591112	1141315	19.31%	3.463%
17	9.414	2498	2511	2528	rBV	332070	551758	9.34%	1.674%
18	9.687	2581	2596	2610	rBV	35203	59890	1.01%	0.182%
19	10.095	2710	2723	2749	rVB	406558	648735	10.98%	1.968%
20	10.481	2829	2843	2852	rBV	55543	88112	1.49%	0.267%
21	10.751	2913	2927	2943	rVB	166942	264671	4.48%	0.803%
22	11.288	3079	3094	3113	rBV	259936	420139	7.11%	1.275%
23	11.462	3126	3148	3159	rBV2	49938	111386	1.88%	0.338%
24	11.536	3159	3171	3183	rBV	190175	295978	5.01%	0.898%
25	11.806	3243	3255	3269	rBV	379085	591134	10.00%	1.793%
26	11.889	3269	3281	3294	rVV	659153	1007973	17.06%	3.058%
27	12.089	3328	3343	3360	rBV2	1223443	1918627	32.47%	5.821%
28	12.185	3360	3373	3385	rBV3	464347	762357	12.90%	2.313%
29	12.307	3398	3411	3425	rBV	3808142	5909244	100.00%	17.928%
30	12.462	3448	3459	3464	rBV	79155	129366	2.19%	0.392%
31	12.565	3477	3491	3499	rBV	144712	228795	3.87%	0.694%
32	12.606	3499	3504	3514	rVB2	40800	61732	1.04%	0.187%
33	12.677	3514	3526	3539	rBV	308712	537952	9.10%	1.632%
34	12.742	3539	3546	3559	rVB3	79652	129025	2.18%	0.391%
35	12.870	3575	3586	3596	rBV	69107	112462	1.90%	0.341%
36	12.967	3607	3616	3625	rVB	93226	137418	2.33%	0.417%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

37	13.024	3625	3634	3645	rVB4	46817	82894	1.40%	0.251%
38	13.288	3708	3716	3730	rVB2	51906	76096	1.29%	0.231%
39	13.446	3742	3765	3776	rBV3	557374	953093	16.13%	2.892%
40	13.513	3776	3786	3804	rVV	1151512	1792501	30.33%	5.438%
41	13.623	3805	3820	3834	rVV	2336354	3819615	64.64%	11.588%
42	13.722	3843	3851	3857	rBV	59445	89308	1.51%	0.271%
43	13.777	3857	3868	3878	rVV2	117879	232673	3.94%	0.706%
44	13.832	3878	3885	3894	rVB5	44368	64967	1.10%	0.197%
45	13.934	3910	3917	3930	rVB	85056	132802	2.25%	0.403%
46	14.082	3943	3963	3986	rBV	78698	189584	3.21%	0.575%
47	14.201	3986	4000	4010	rBV	138737	237619	4.02%	0.721%
48	14.282	4017	4025	4036	rVB4	48602	82371	1.39%	0.250%
49	14.475	4073	4085	4089	rBV4	58593	97288	1.65%	0.295%
50	14.510	4089	4096	4102	rVB	90137	126835	2.15%	0.385%
51	14.671	4134	4146	4154	rBV2	180388	321804	5.45%	0.976%
52	14.719	4155	4161	4170	rVV	79930	133539	2.26%	0.405%
53	14.799	4174	4186	4201	rVV2	215464	470388	7.96%	1.427%
54	14.870	4201	4208	4217	rVV5	45648	74375	1.26%	0.226%
55	15.008	4237	4251	4260	rBV9	24151	63151	1.07%	0.192%
56	15.066	4260	4269	4288	rVB2	86440	170518	2.89%	0.517%
57	15.163	4288	4299	4310	rBV	60322	101482	1.72%	0.308%
58	15.404	4361	4374	4388	rBV	1426897	2283124	38.64%	6.927%
59	15.947	4528	4543	4554	rBV	127774	203140	3.44%	0.616%
60	16.256	4627	4639	4661	rVV2	130690	240051	4.06%	0.728%
61	16.404	4673	4685	4700	rBV	200465	325963	5.52%	0.989%
62	16.632	4739	4756	4775	rBV3	41567	119446	2.02%	0.362%
63	17.089	4887	4898	4914	rBV	204288	352317	5.96%	1.069%

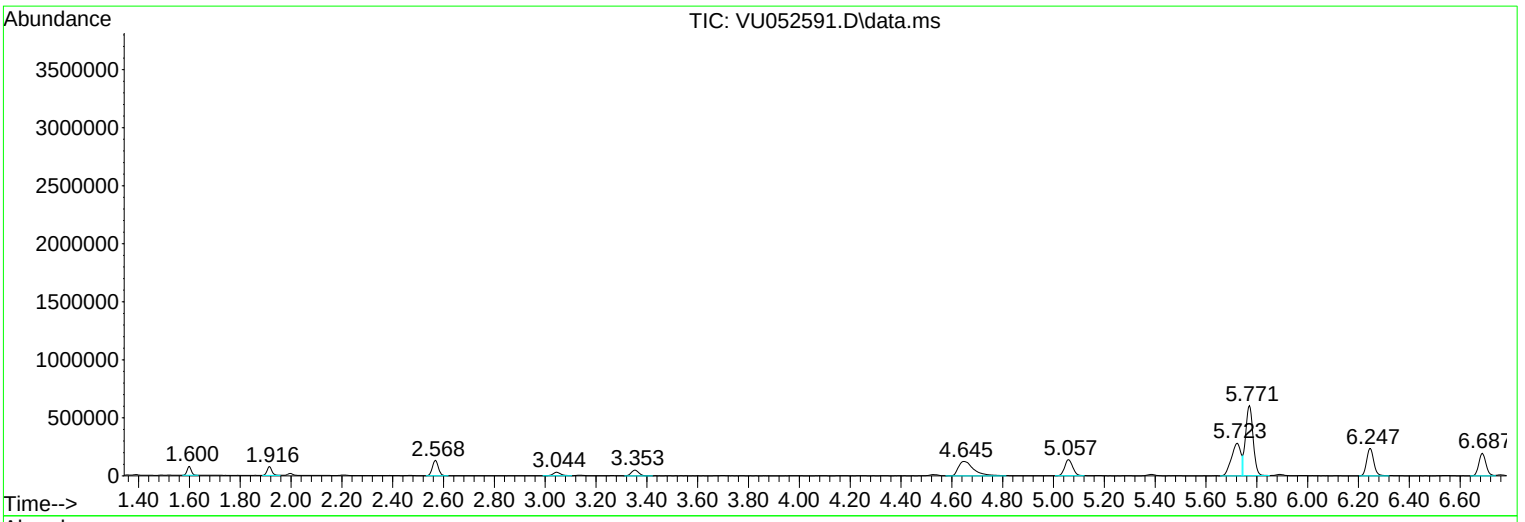
Sum of corrected areas: 32961192

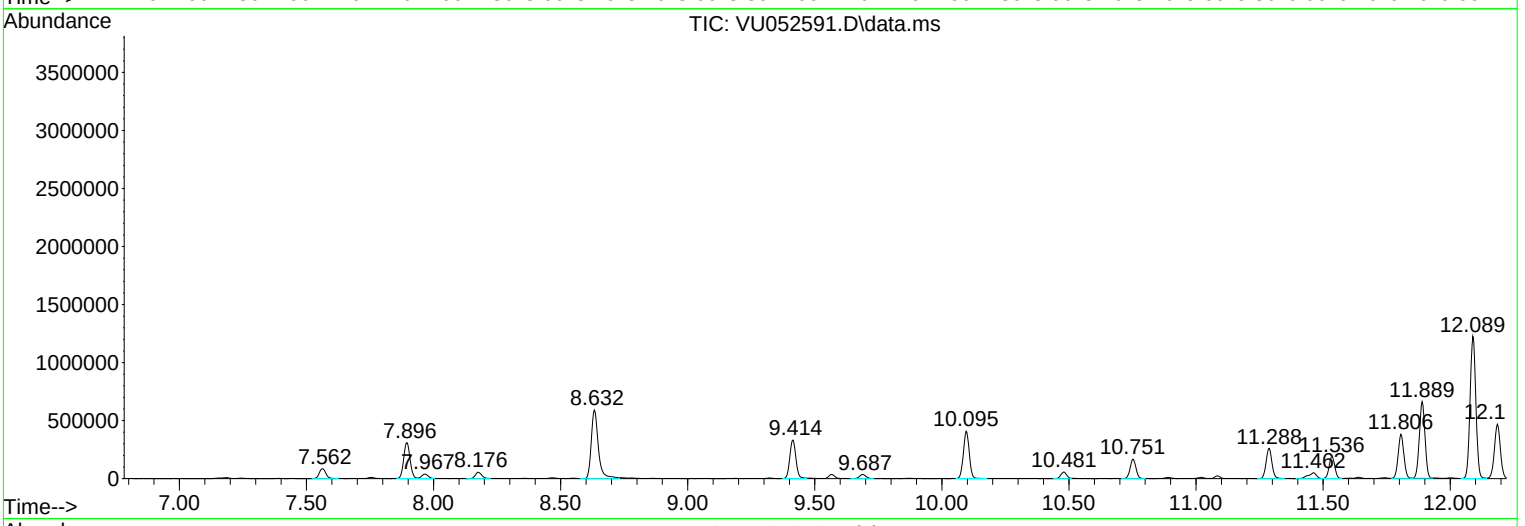
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

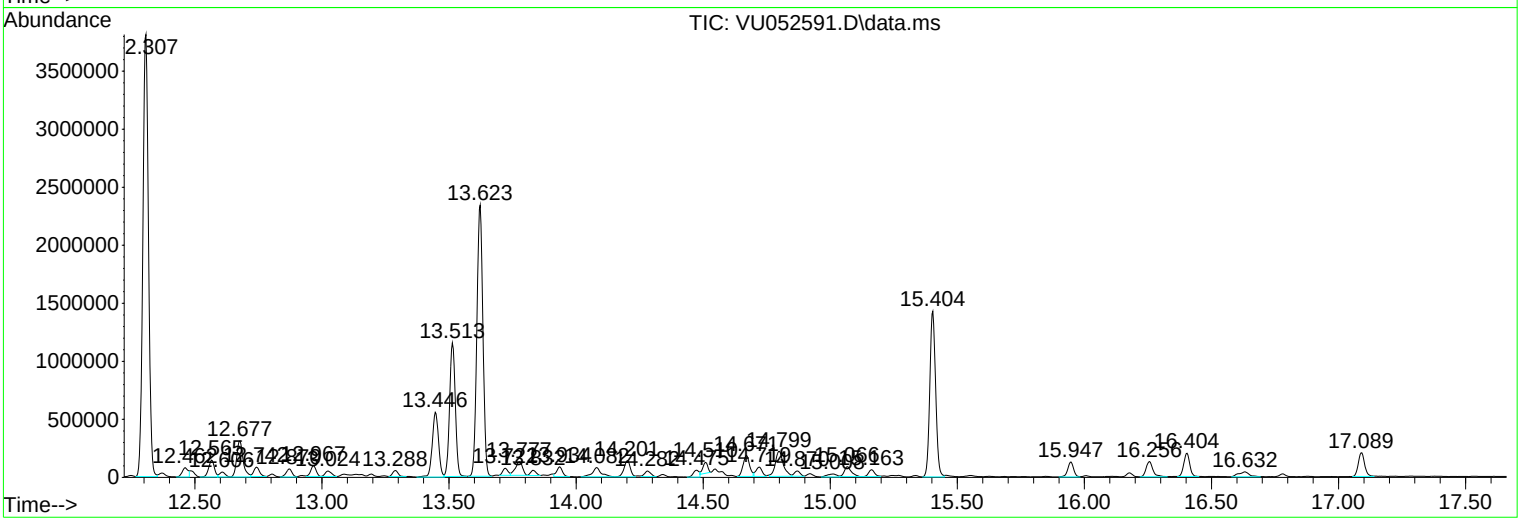
Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.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\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

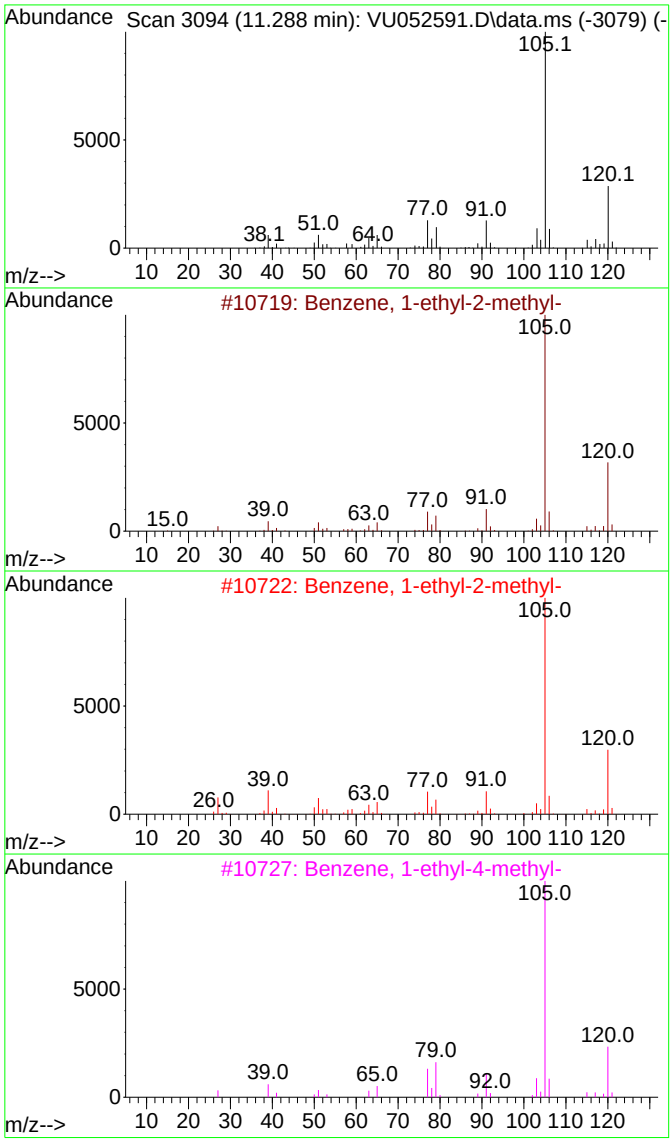
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

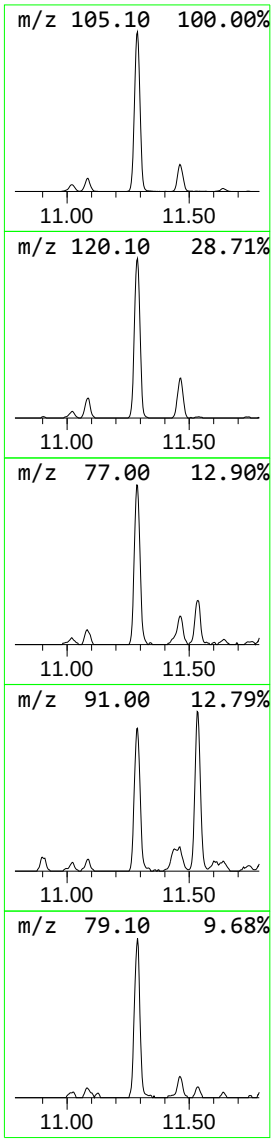
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	3.55 ug/L	420139	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

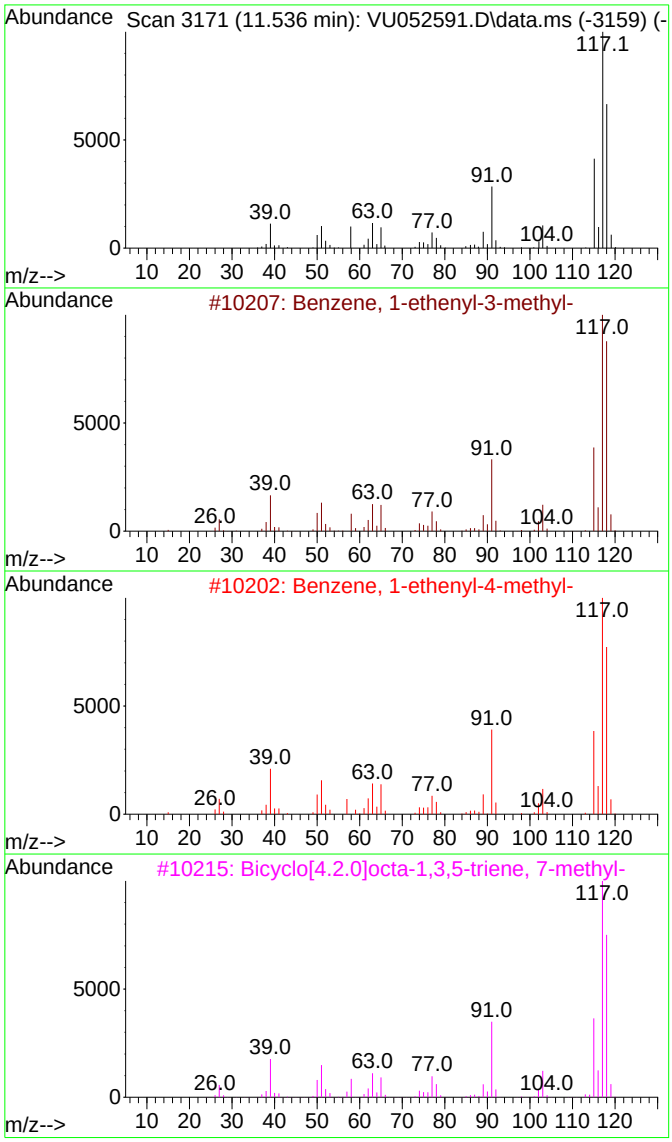
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

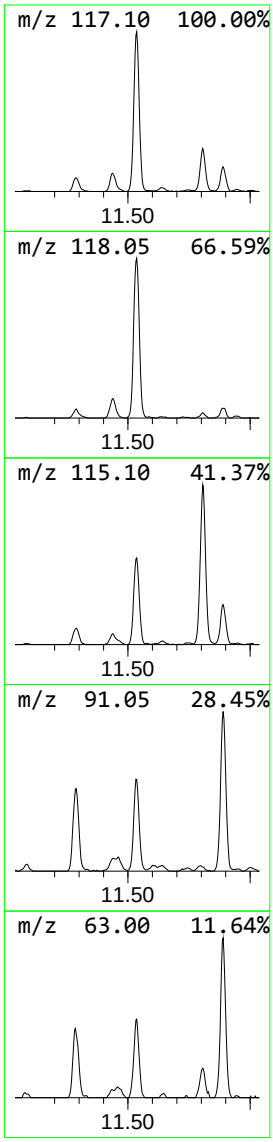
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.536	2.50 ug/L	295978	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

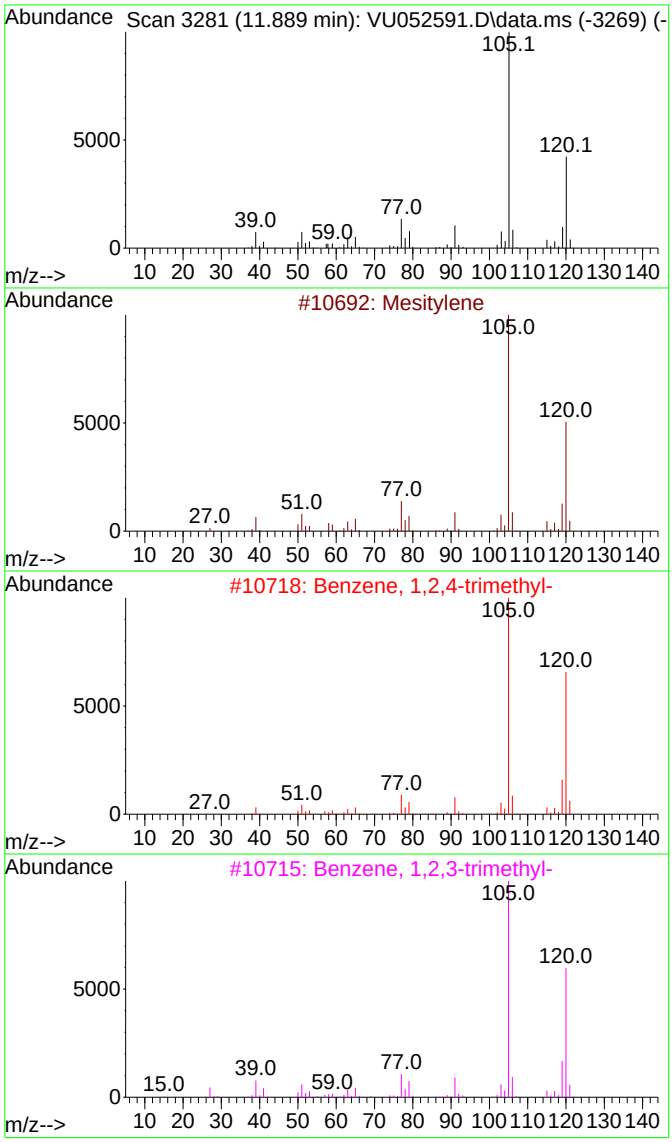
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

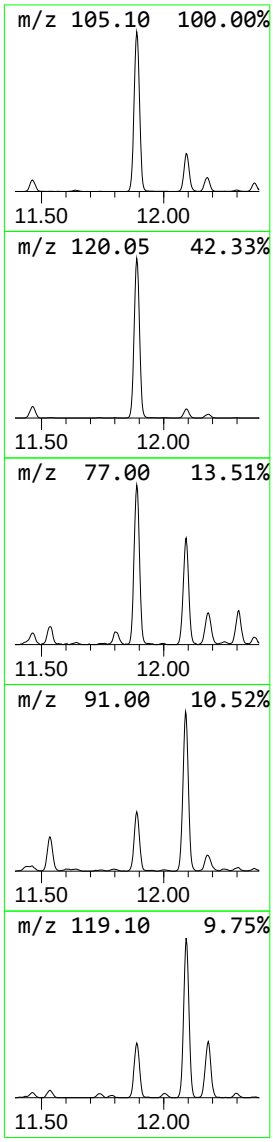
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	8.53 ug/L	1007970	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

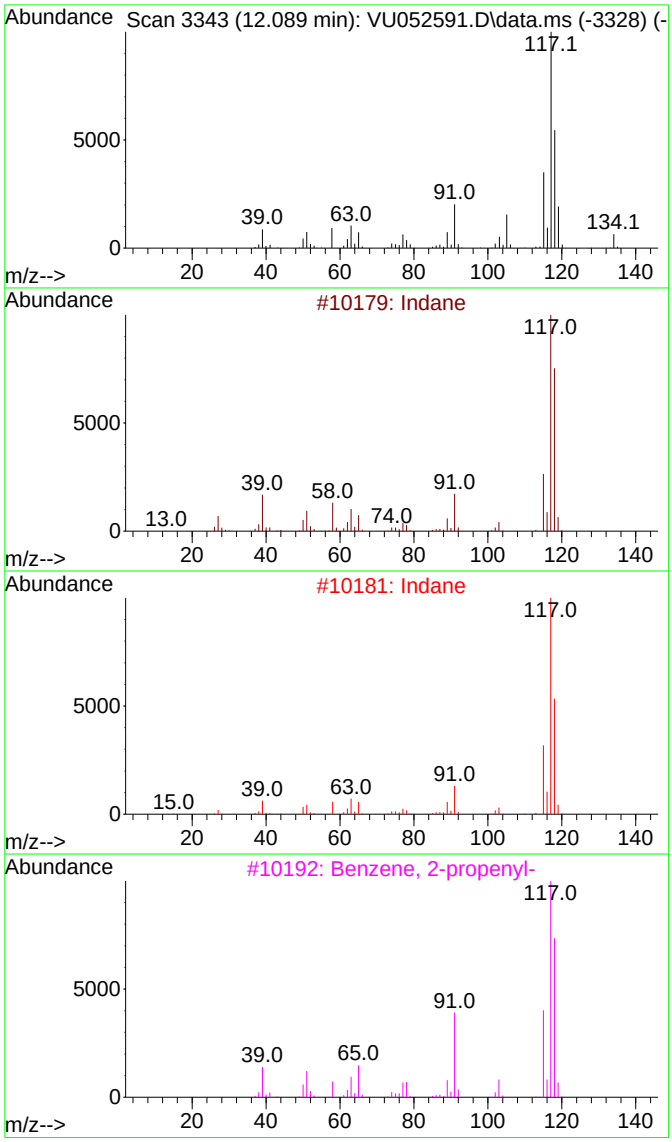
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

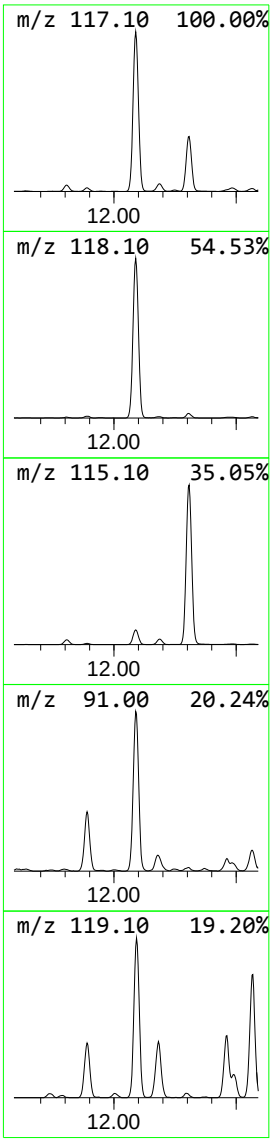
****

Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.089	16.23 ug/L	1918630	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

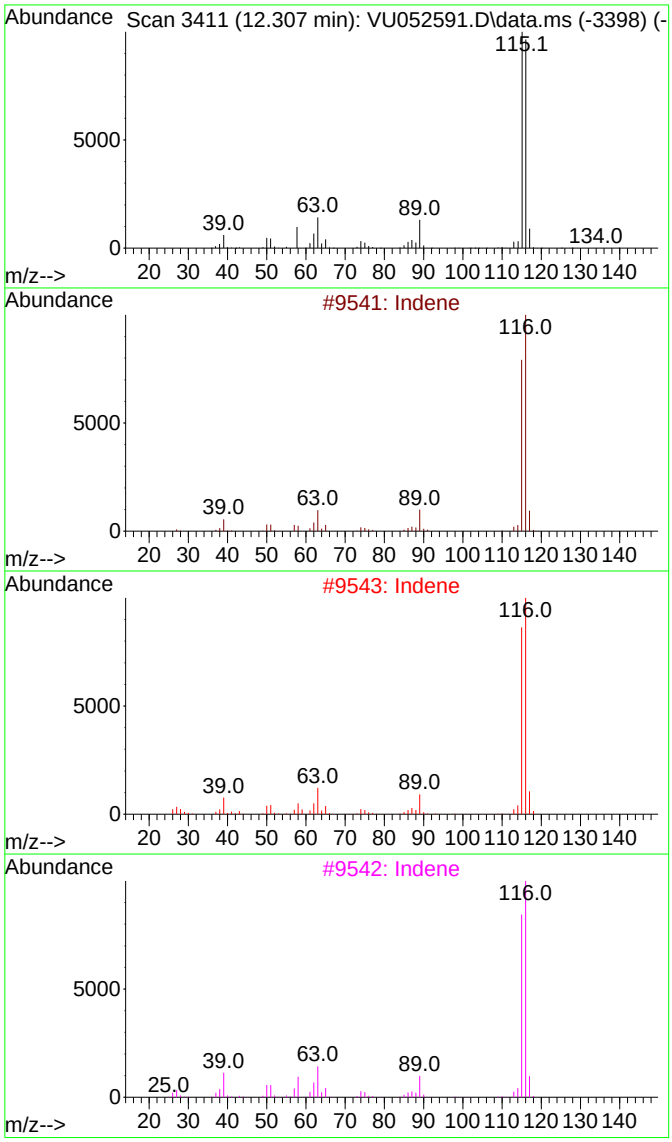
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

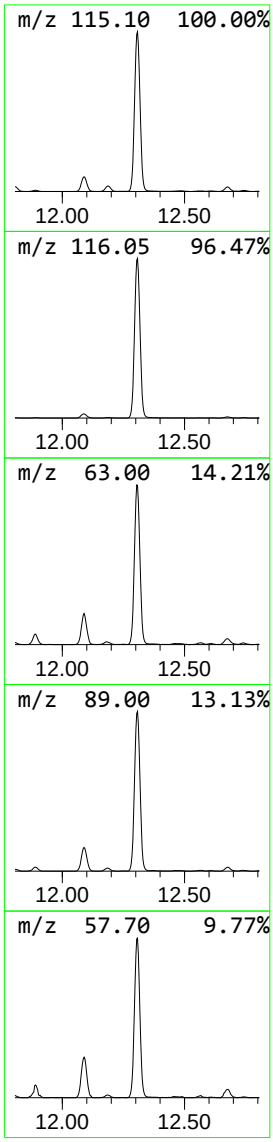
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	49.98 ug/L	5909240	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	94
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

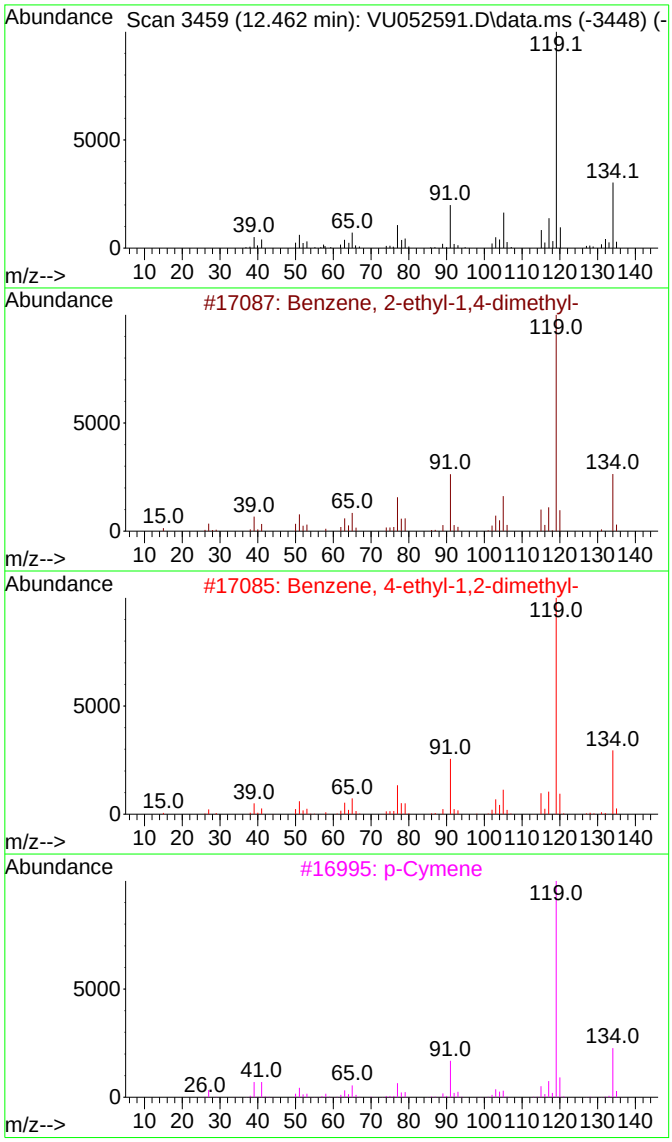
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

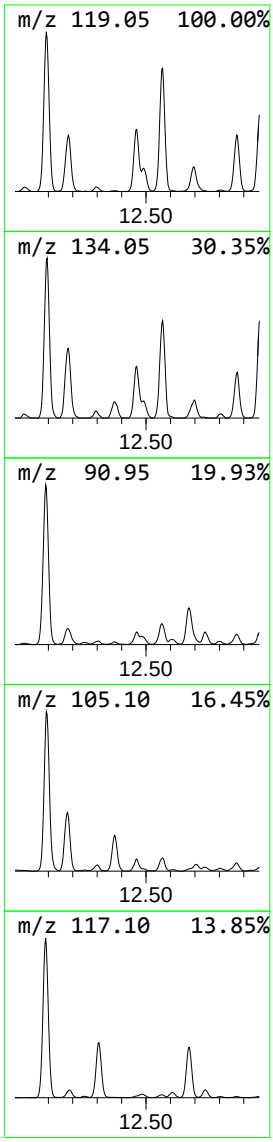
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	1.09 ug/L	129366	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

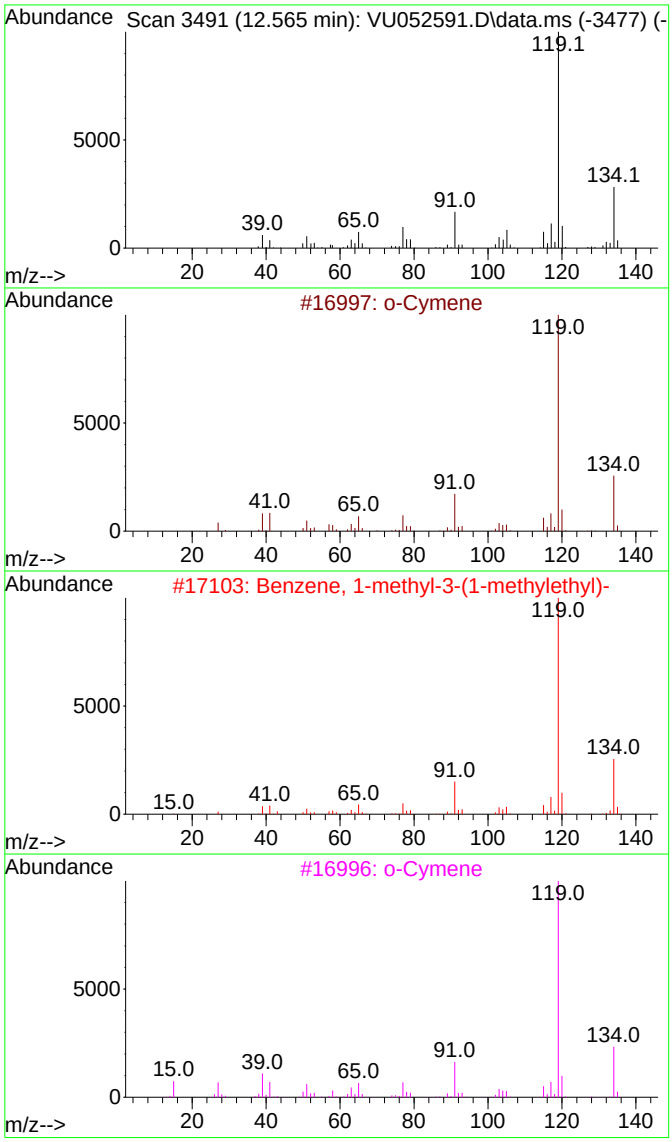
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

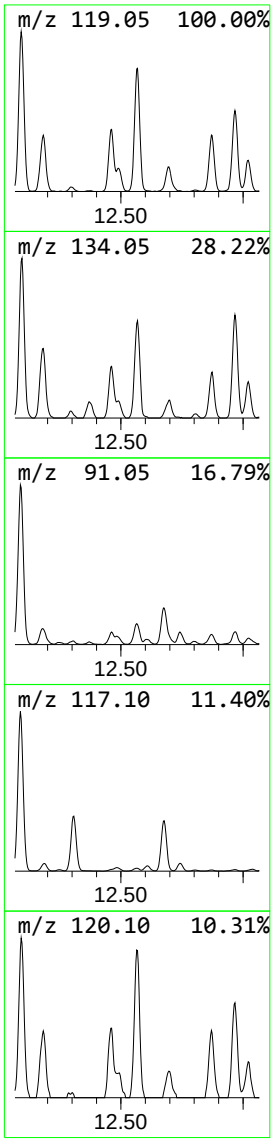
****

Peak Number 8 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.565	1.94 ug/L	228795	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

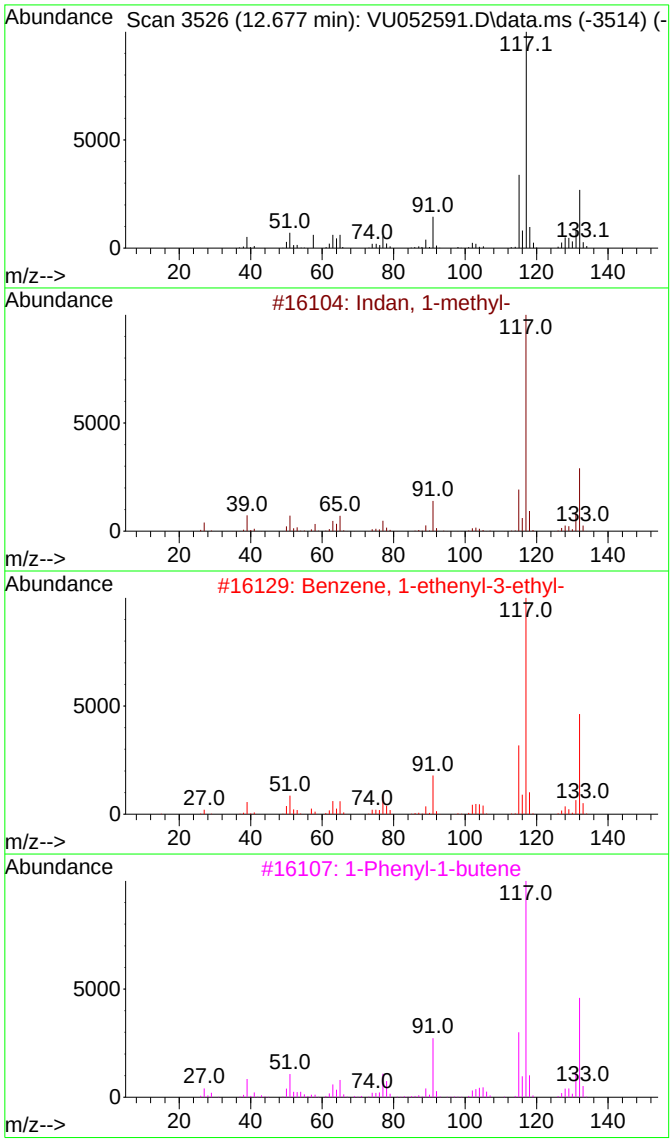
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

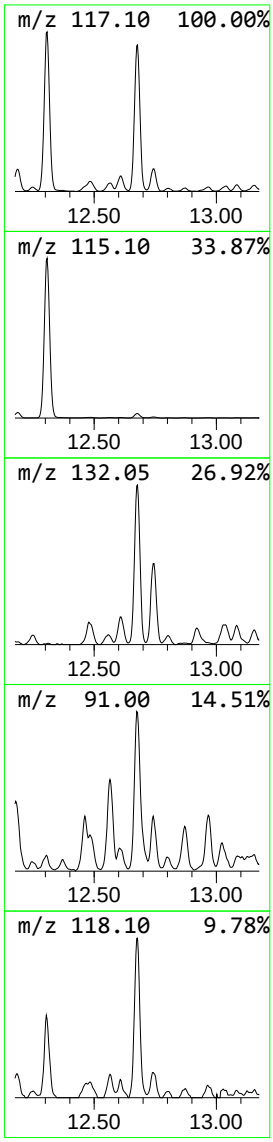
****

Peak Number 10 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	4.55 ug/L	537952	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86





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Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

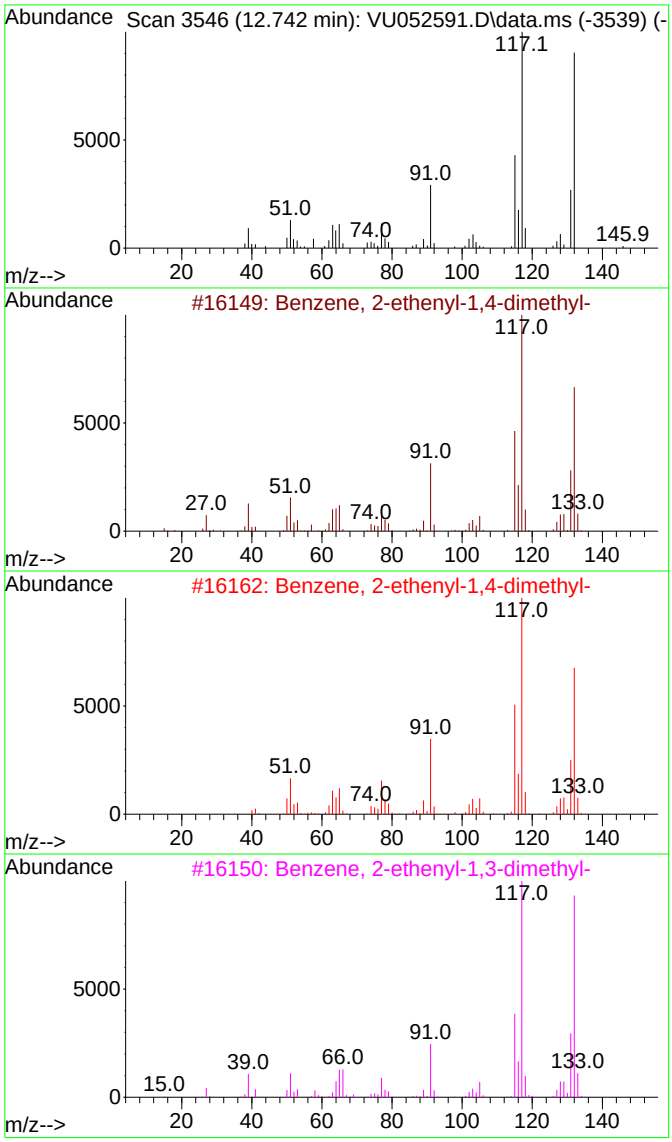
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

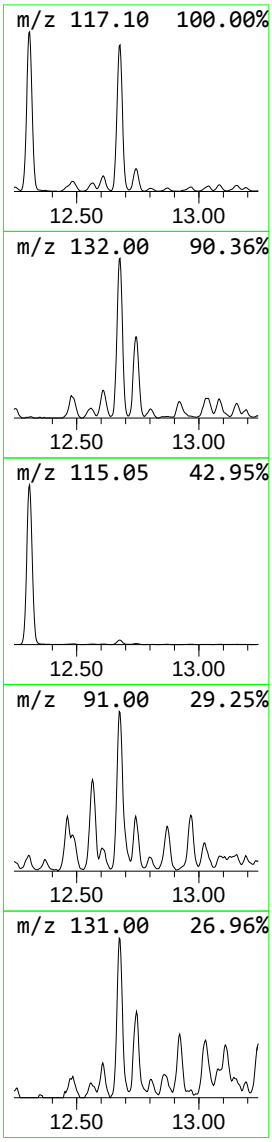
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.742	1.09 ug/L	129025	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91





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Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

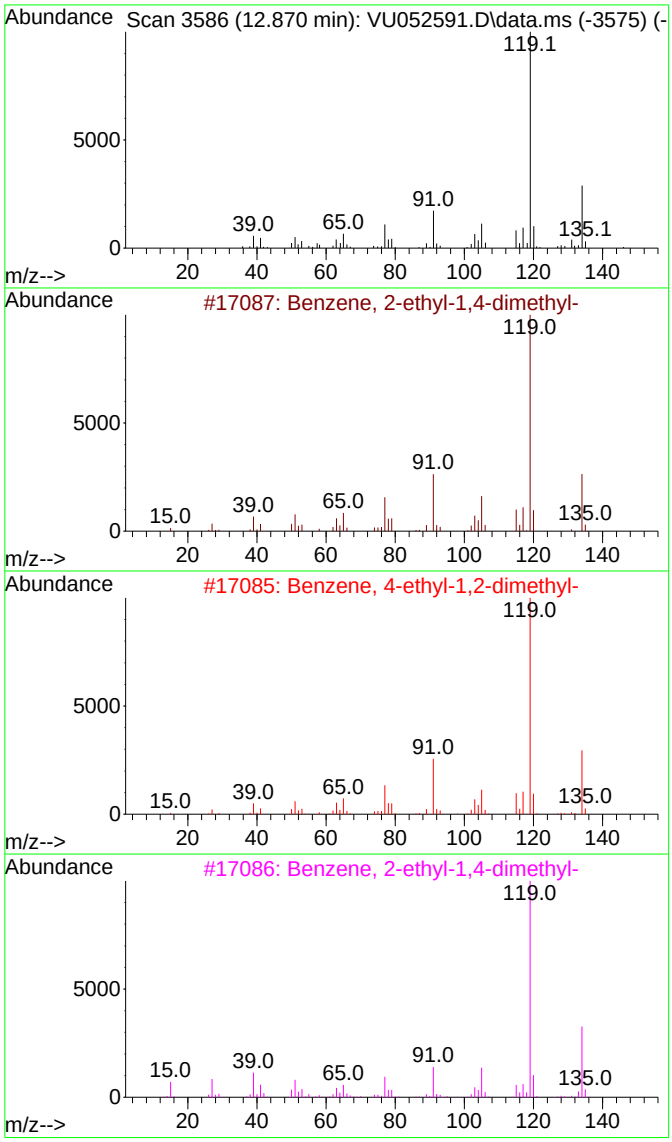
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

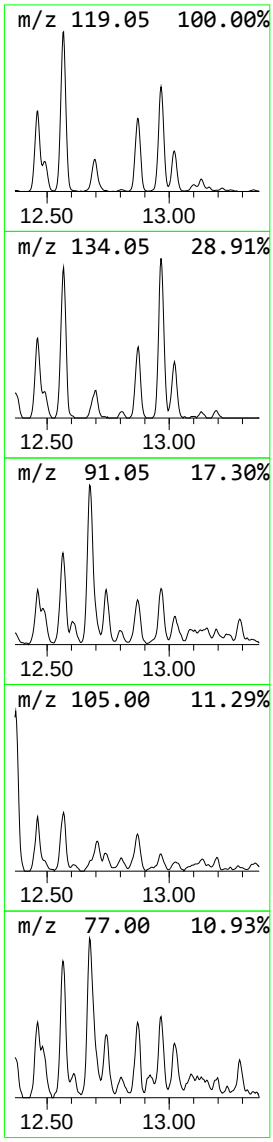
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.870	0.95 ug/L	112462	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

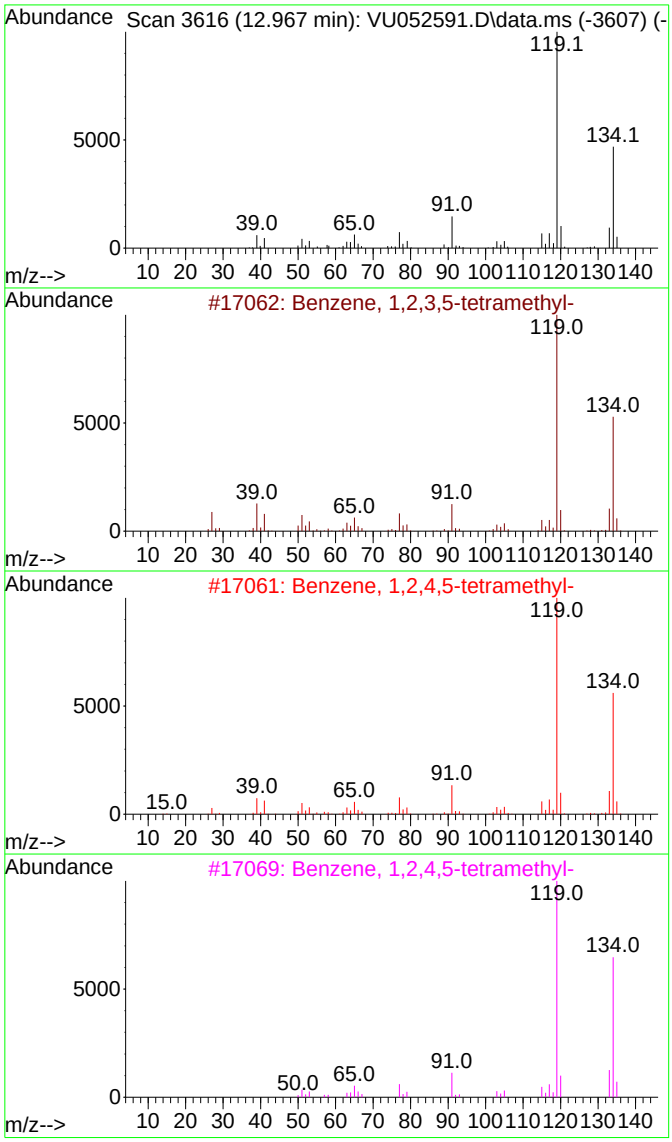
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

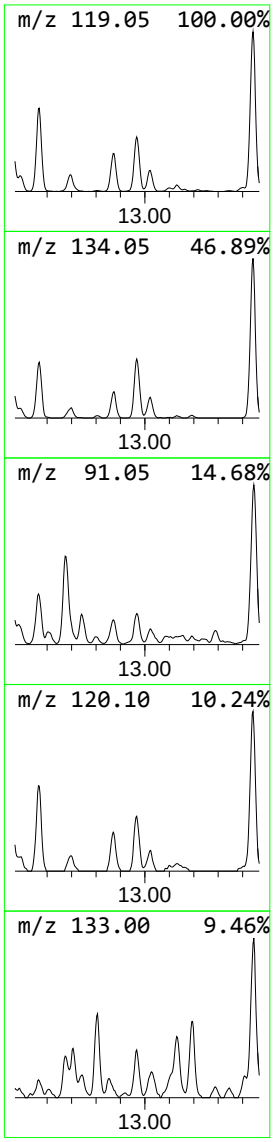
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	1.16 ug/L	137418	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

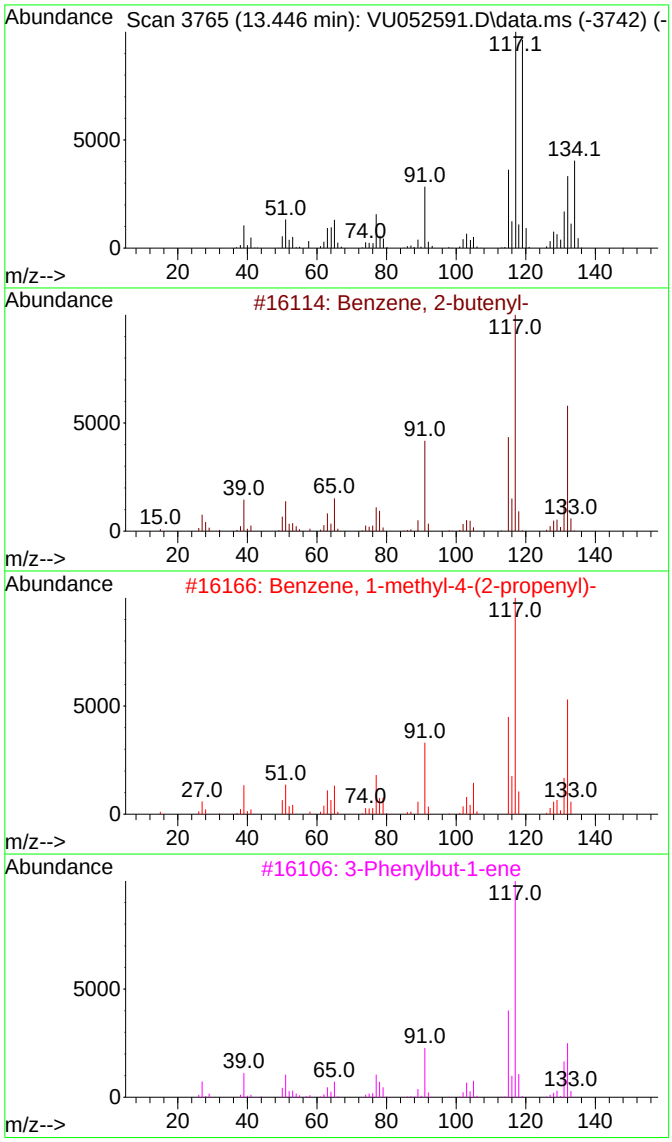
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

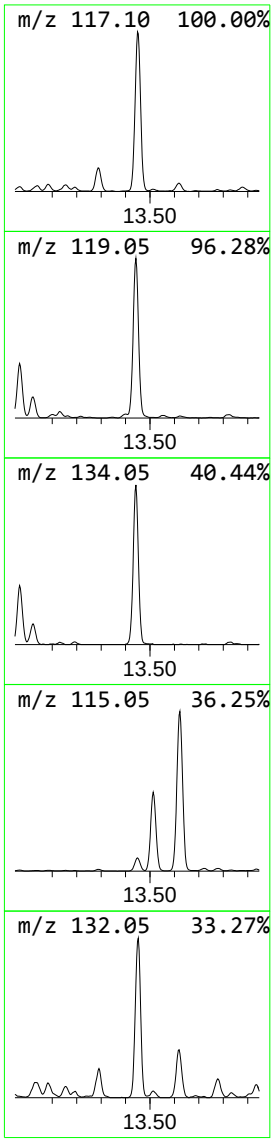
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-butenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	8.06 ug/L	953093	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

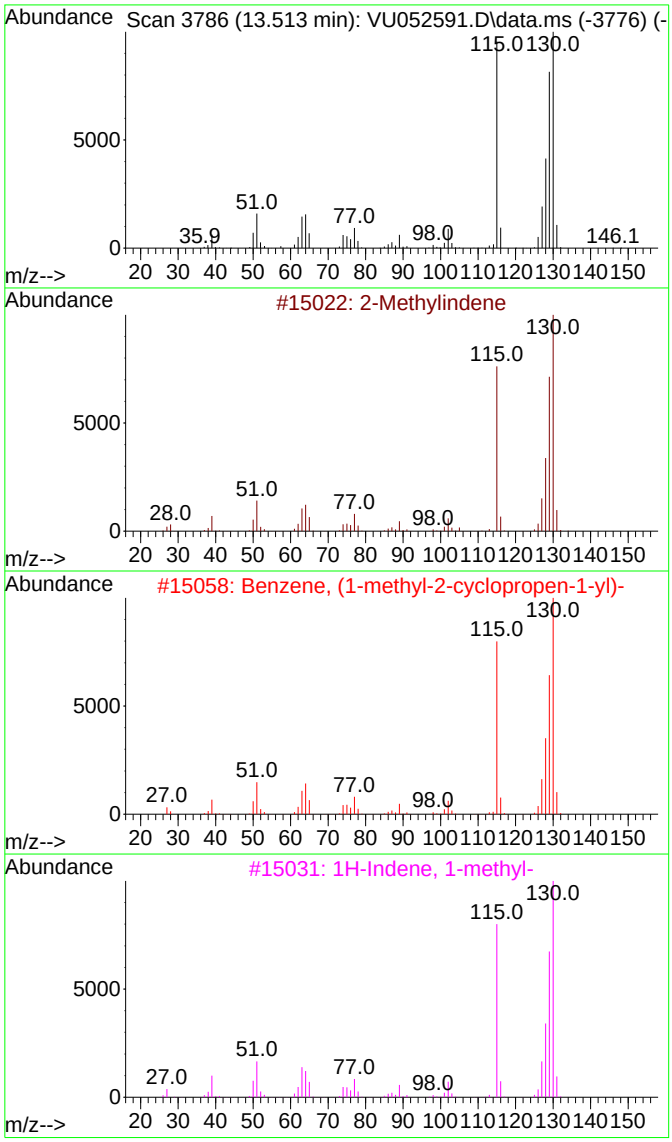
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

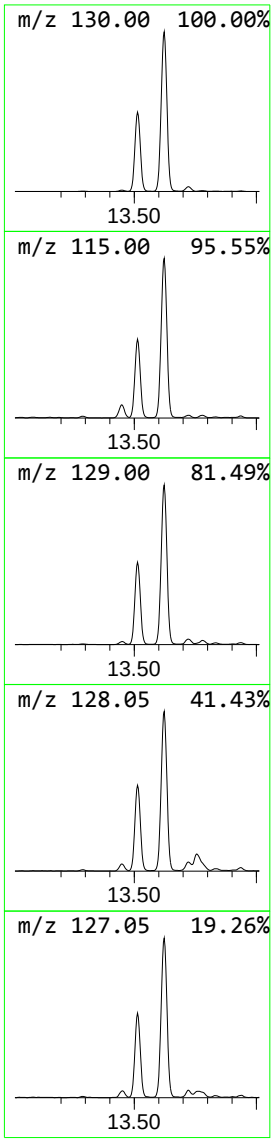
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.513	15.16 ug/L	1792500	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

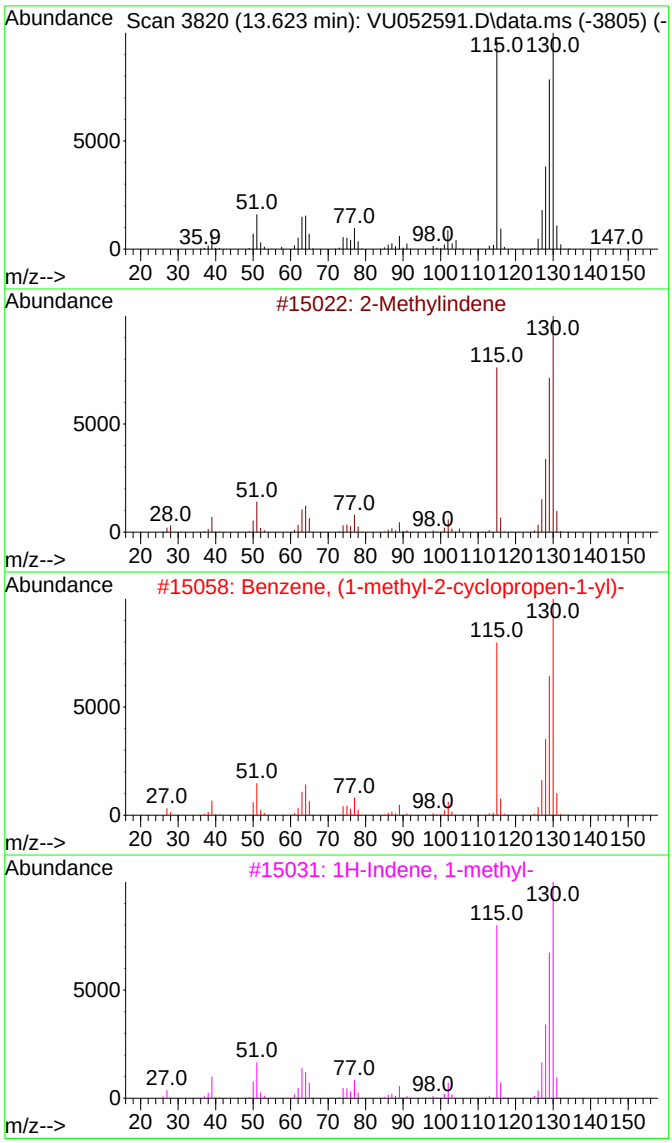
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

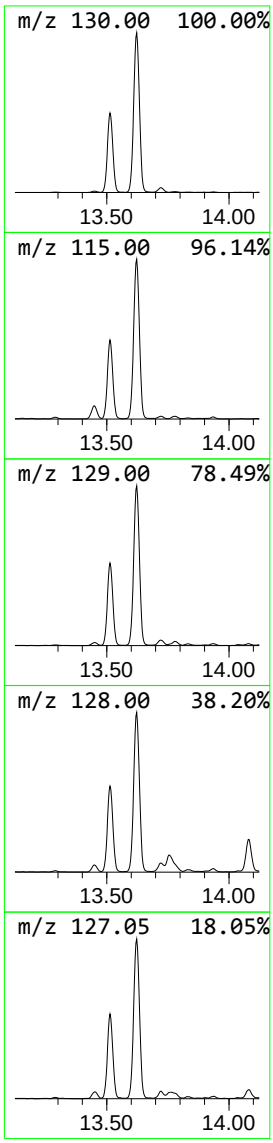
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (1-methyl-2-cyclop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	32.31 ug/L	3819620	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

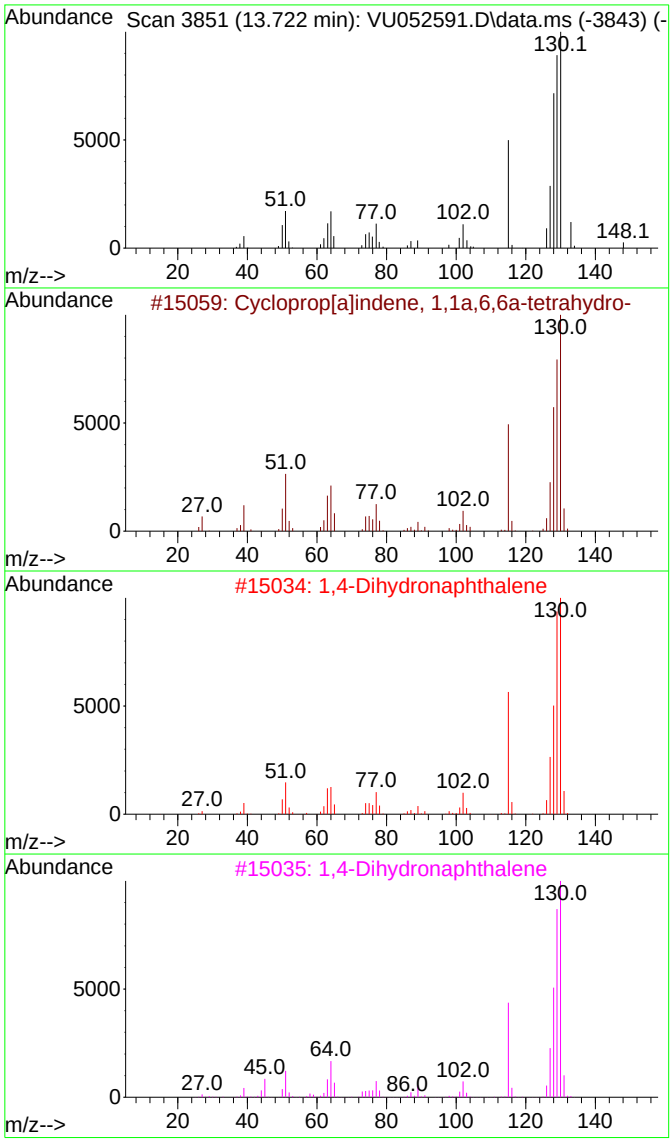
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

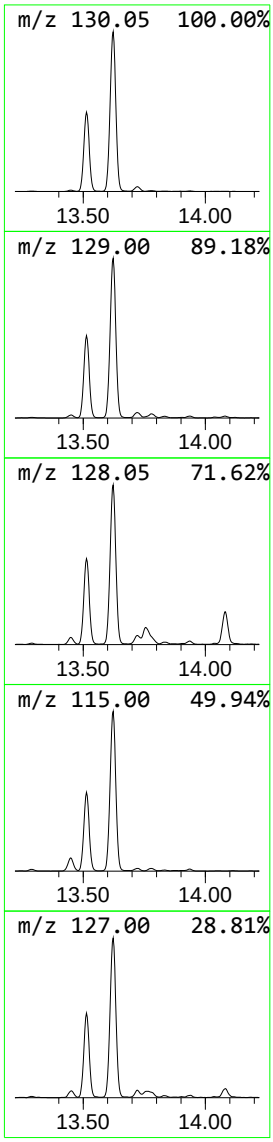
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	0.76 ug/L	89308	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	89
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	89
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	89
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	76
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

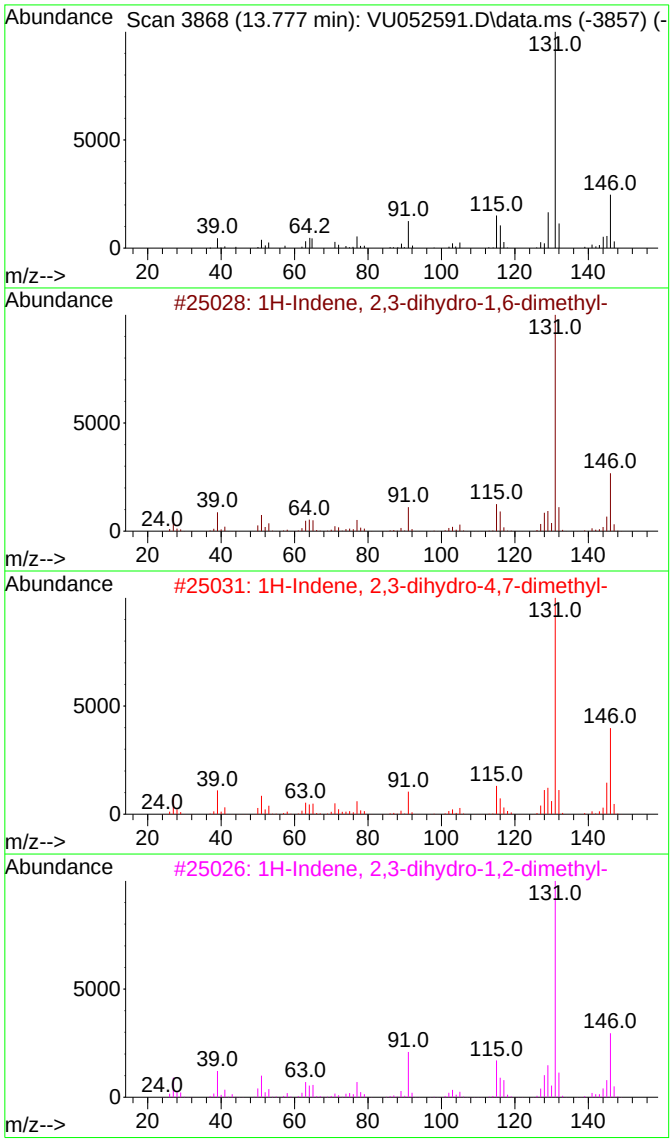
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

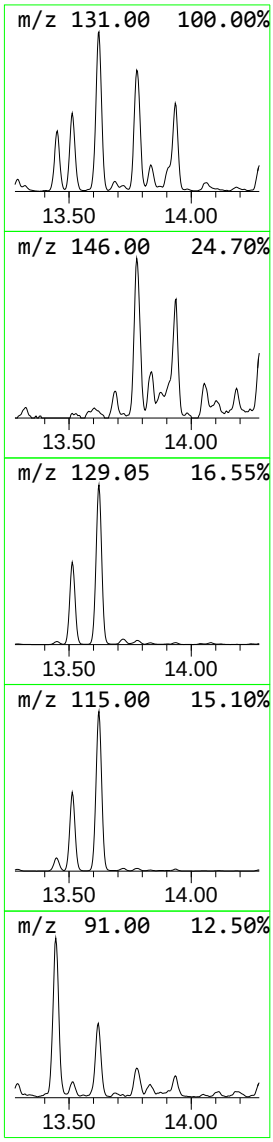
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.777	1.97 ug/L	232673	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

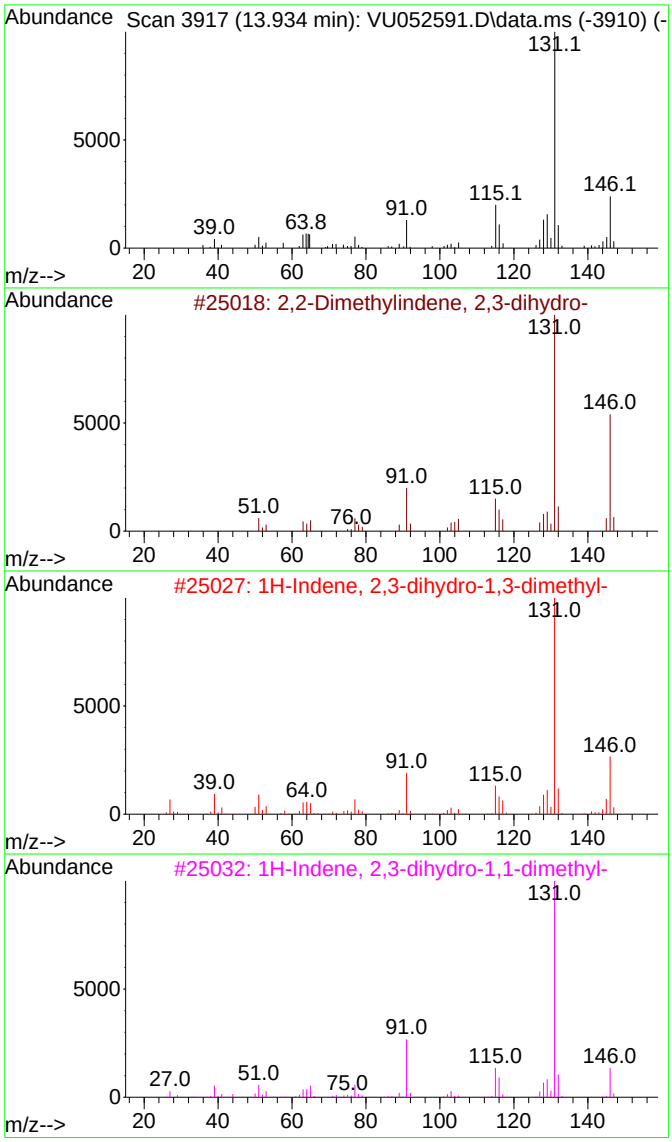
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

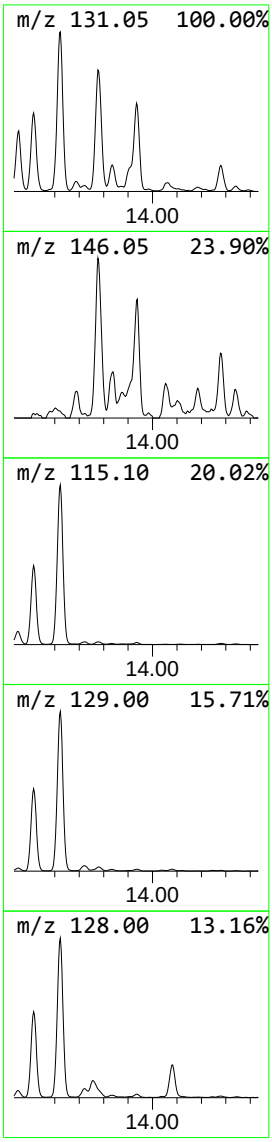
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2,2-Dimethylindene, 2,3-dih... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	1.12 ug/L	132802	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

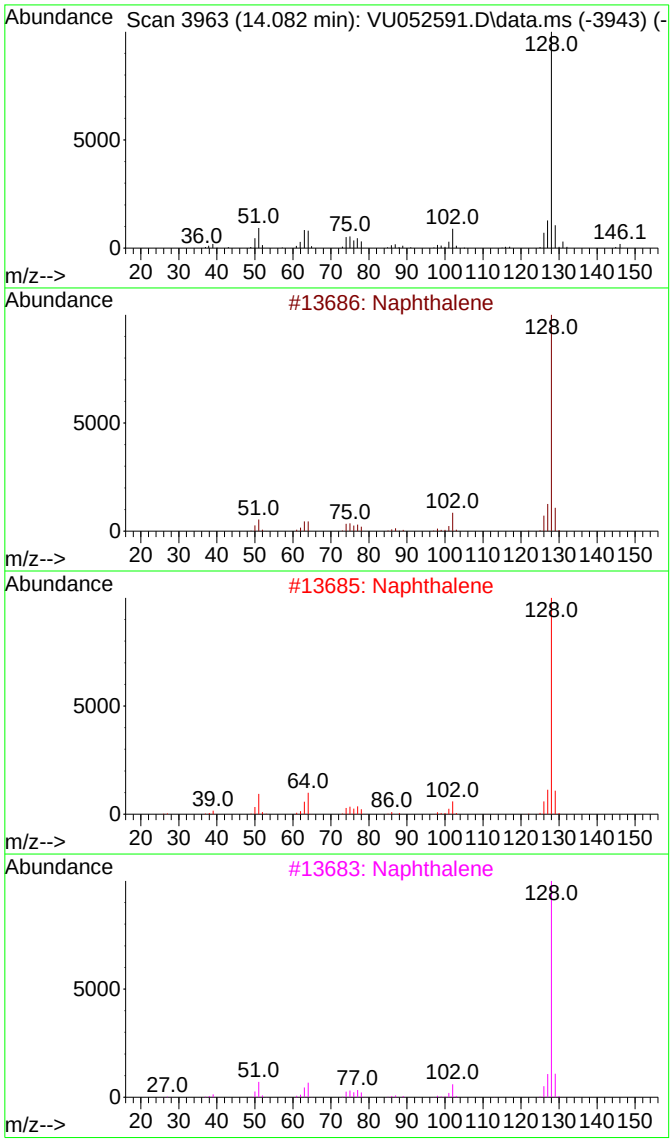
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

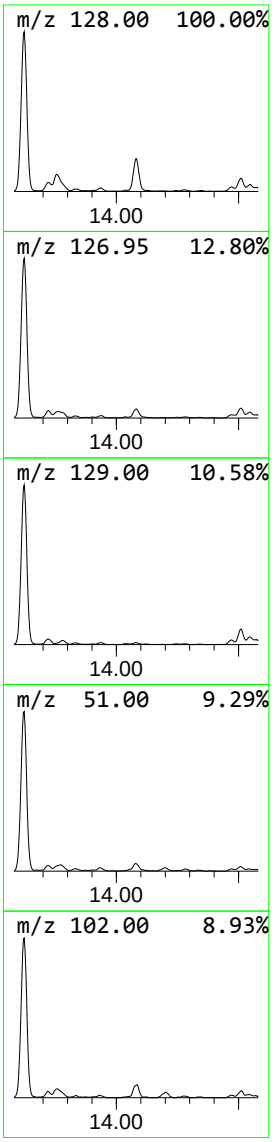
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Azulene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	1.60 ug/L	189584	1,4-Dichlorobenzene-d4	11.806

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

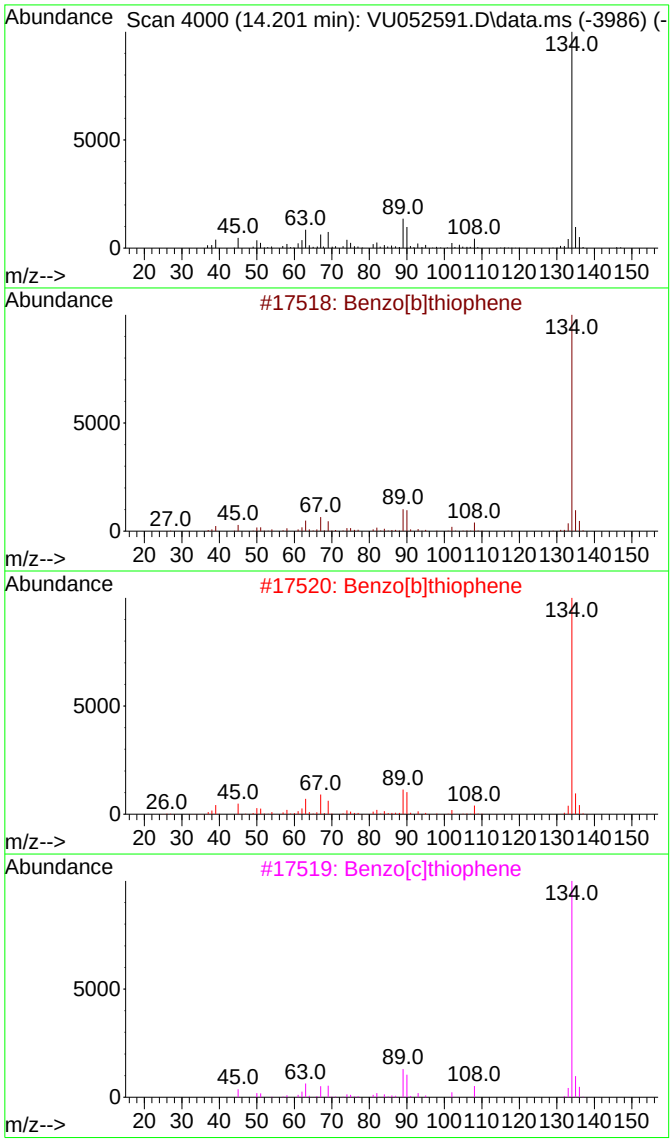
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

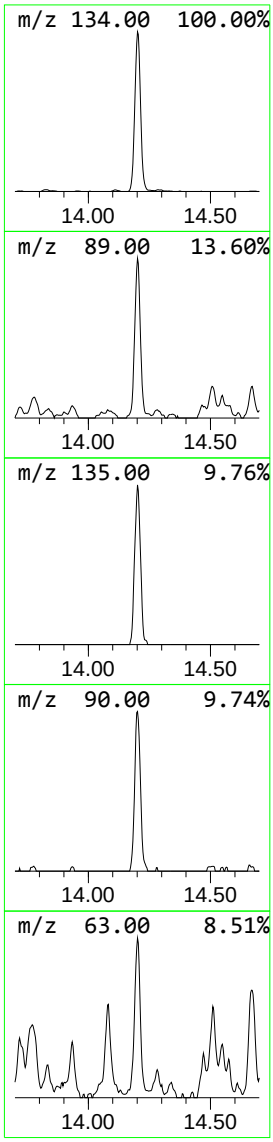
****

Peak Number 24 Benzo[b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	2.01 ug/L	237619	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

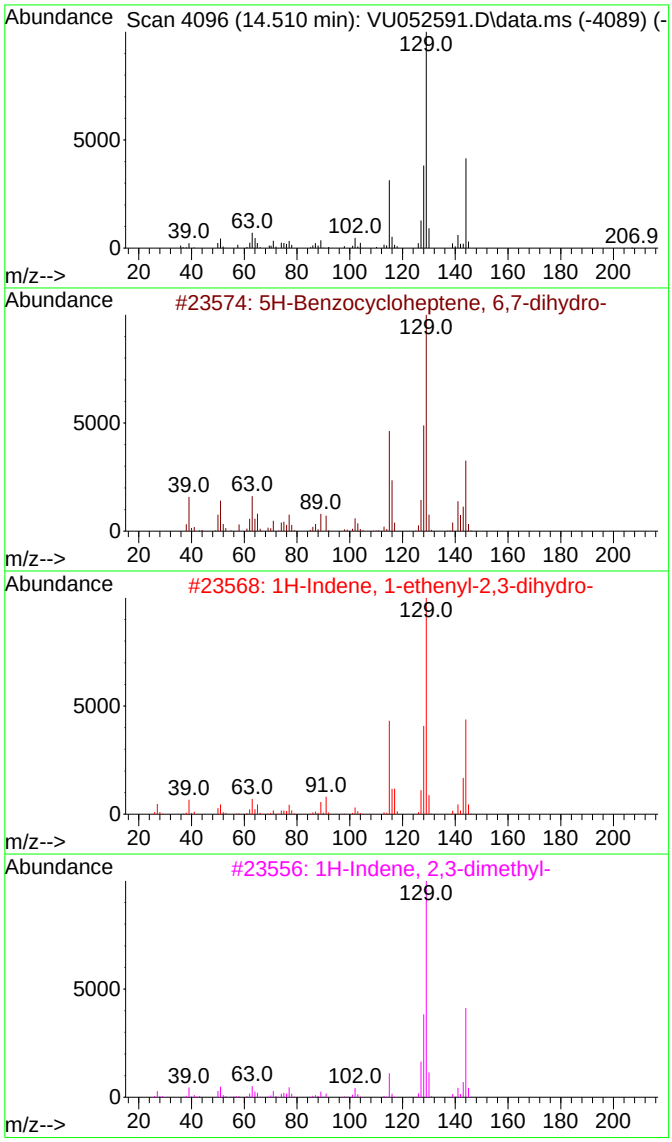
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

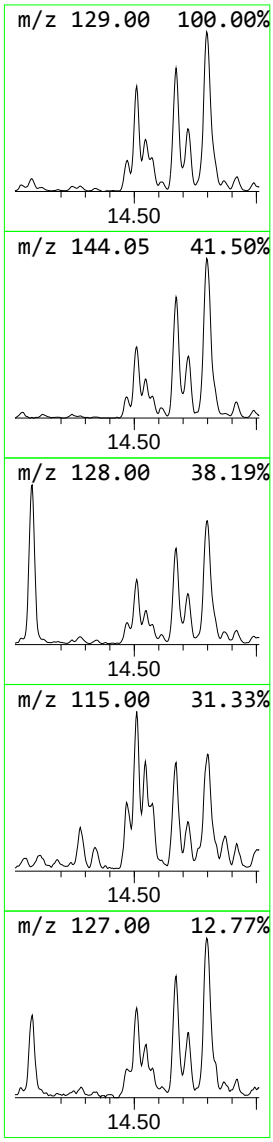
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 5H-Benzocycloheptene, 6,7-d... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	1.07 ug/L	126835	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	91
2	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	91
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	86
5	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

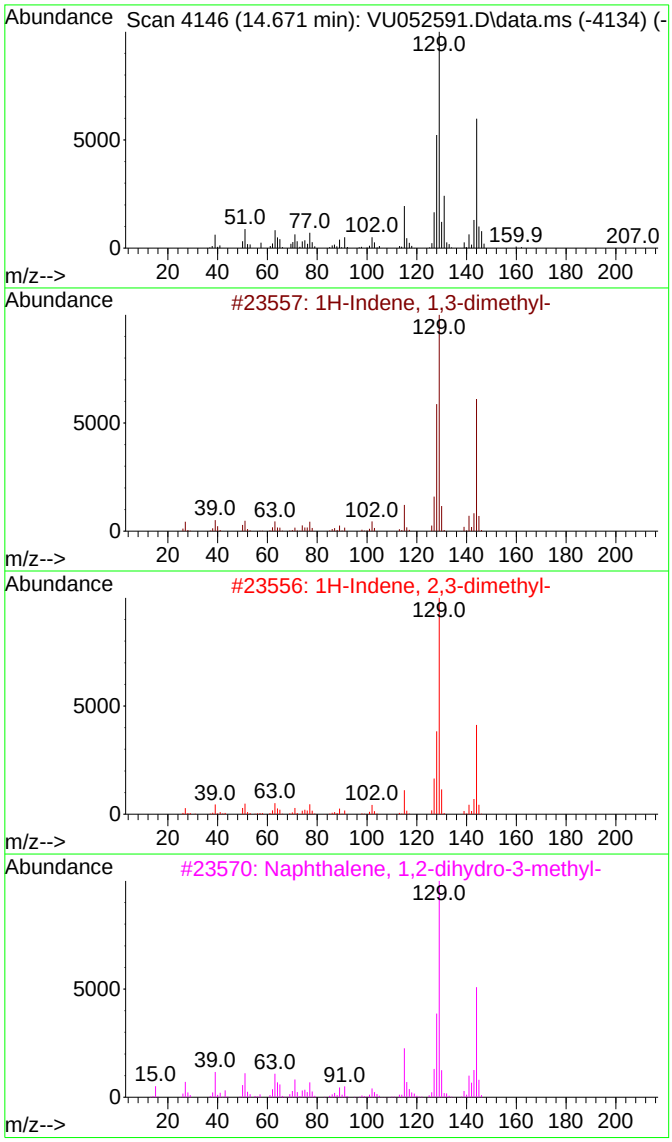
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

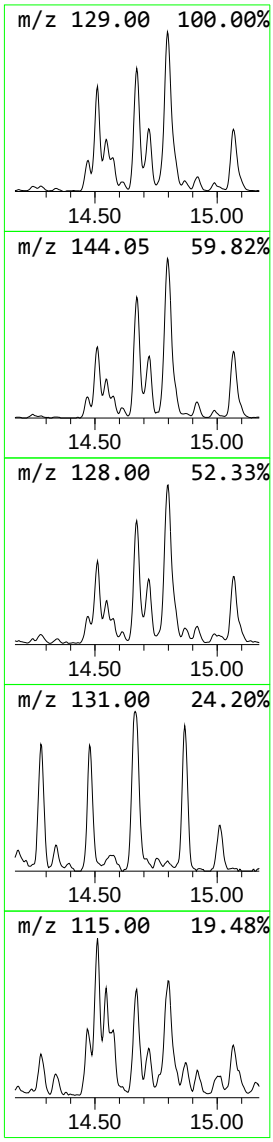
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1H-Indene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.671	2.72 ug/L	321804	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
3	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	93
4	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	91
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

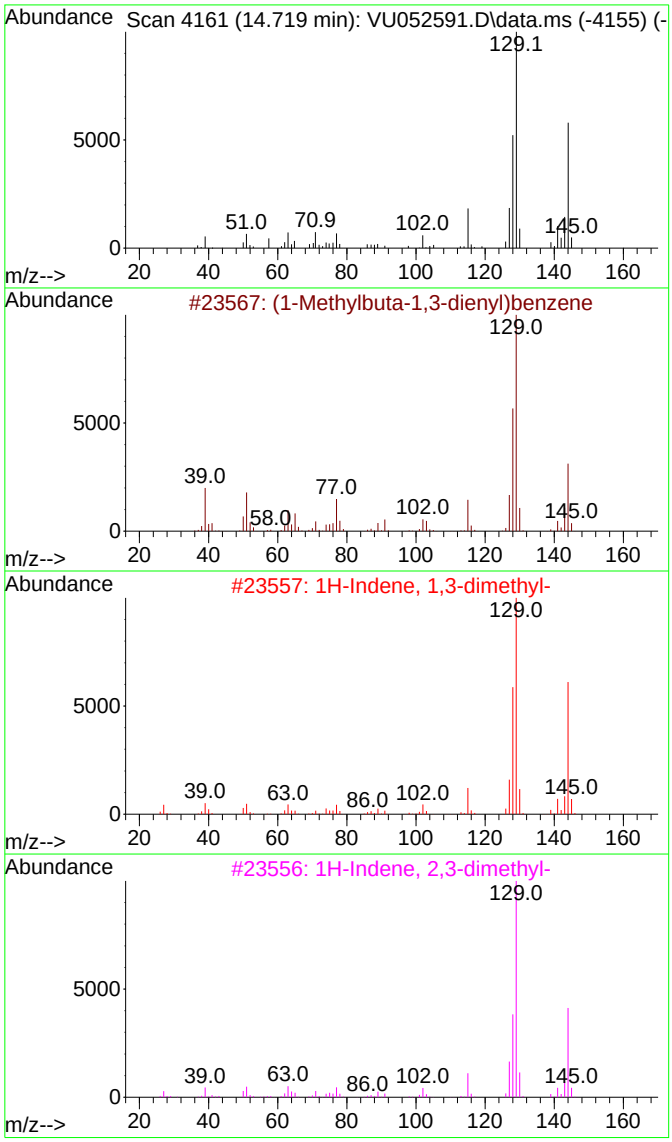
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

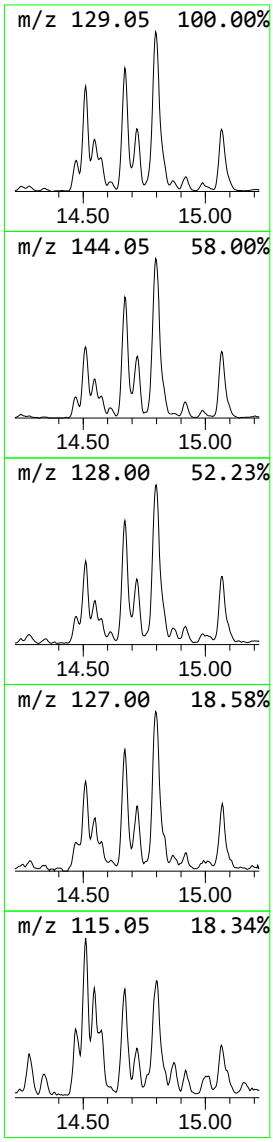
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	1.13 ug/L	133539	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	91
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	87
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

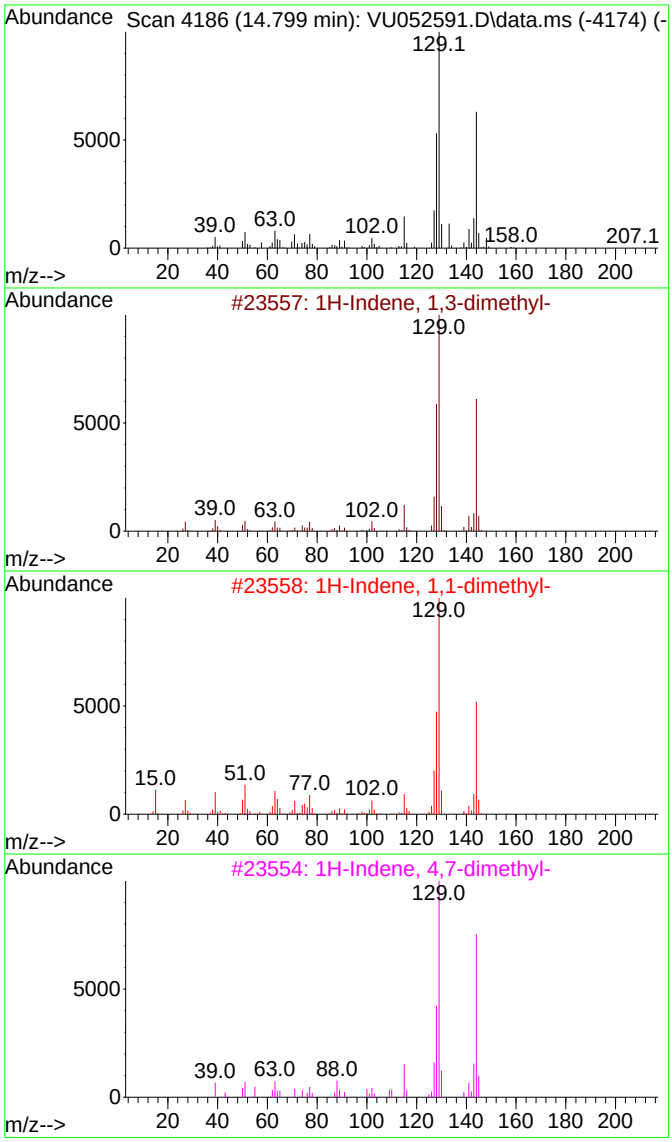
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

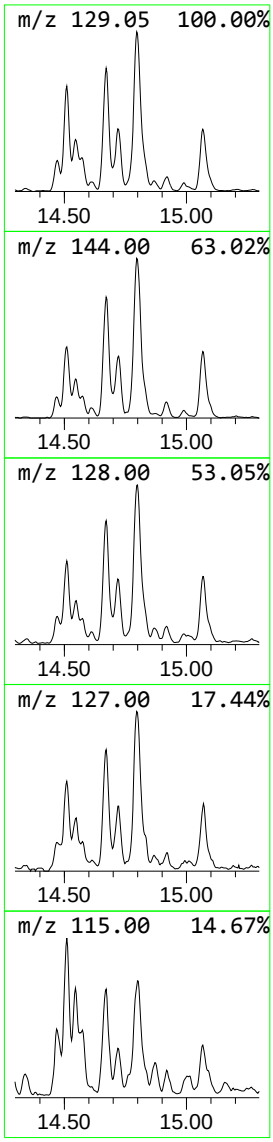
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 1,1-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.799	3.98 ug/L	470388	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

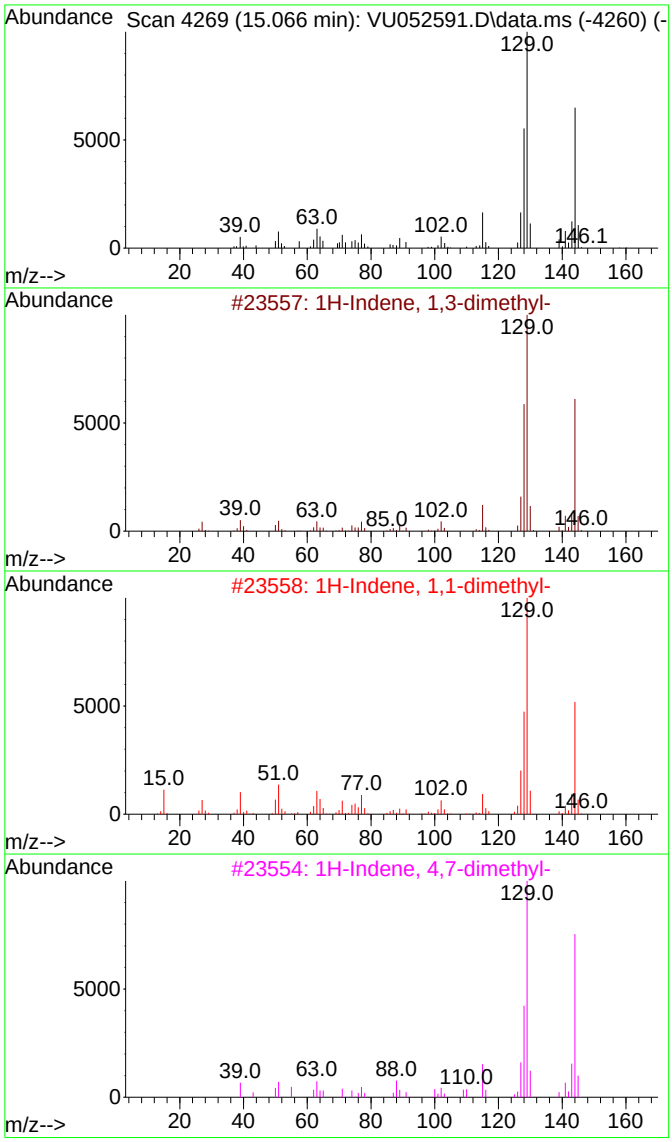
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

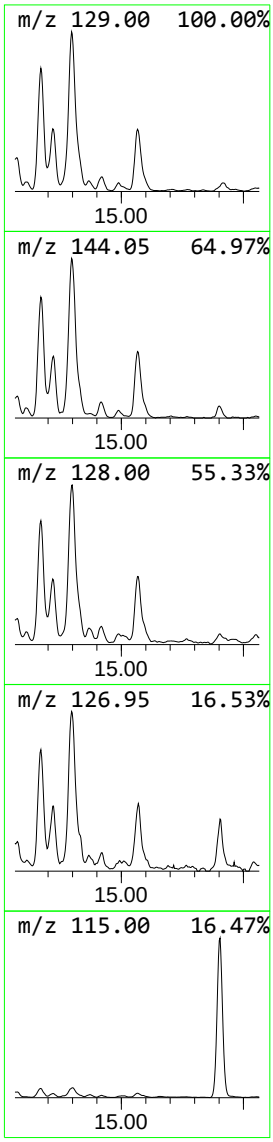
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 4,7-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	1.44 ug/L	170518	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	94
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	91
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

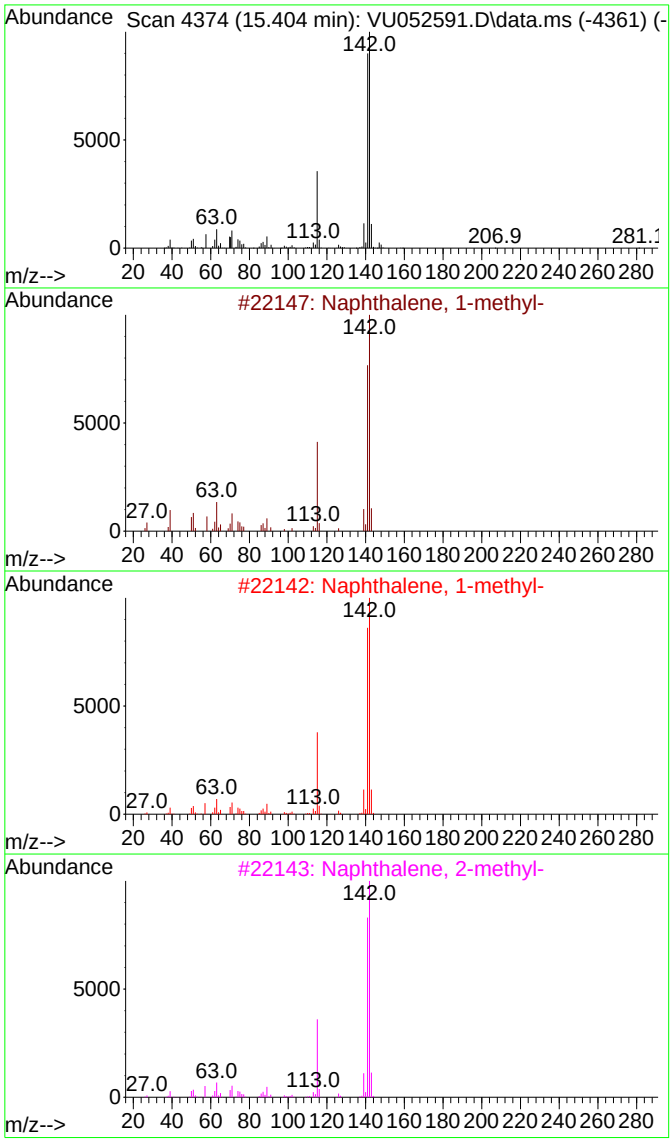
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

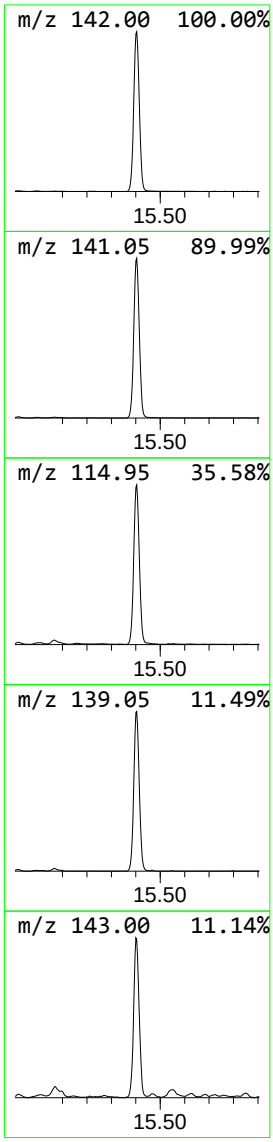
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	19.31 ug/L	2283120	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

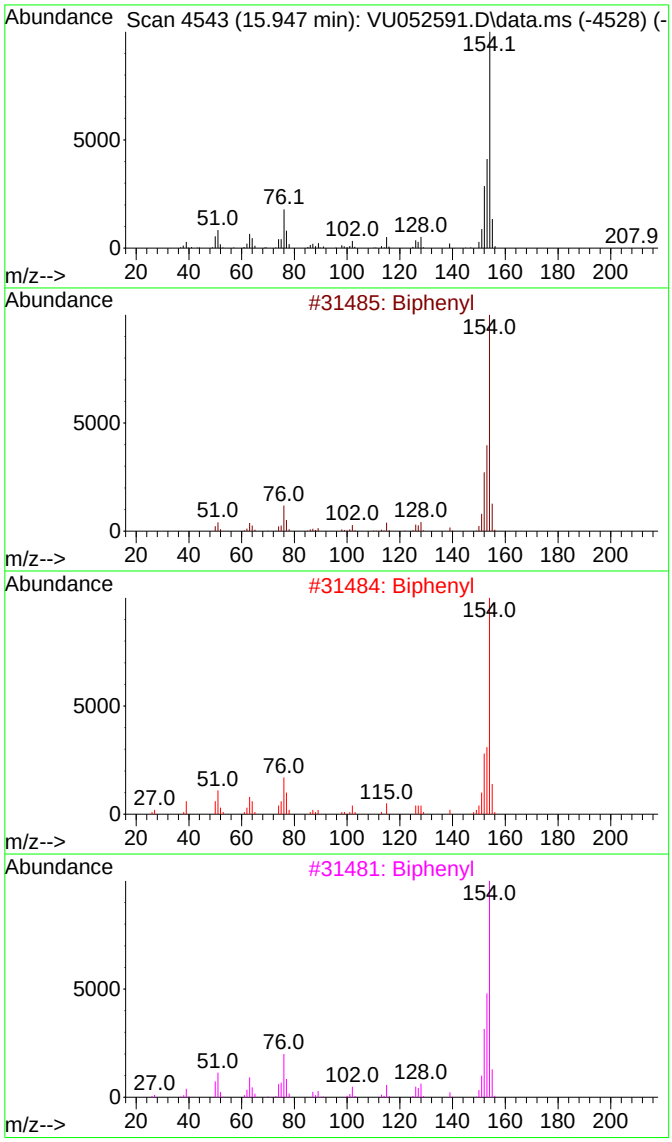
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

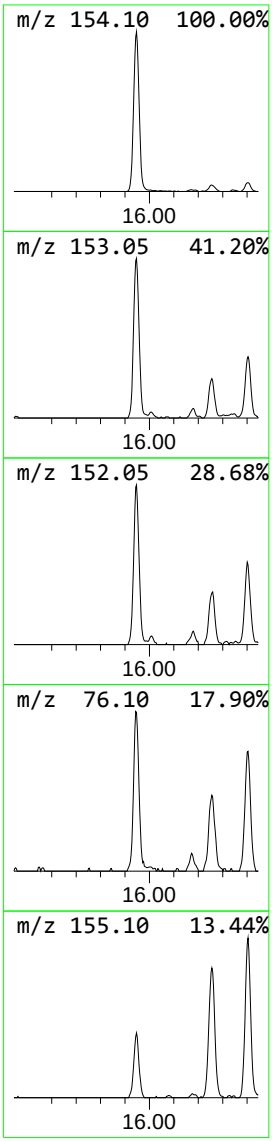
****

Peak Number 36 Biphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.947	1.72 ug/L	203140	1,4-Dichlorobenzene-d4	11.806

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_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

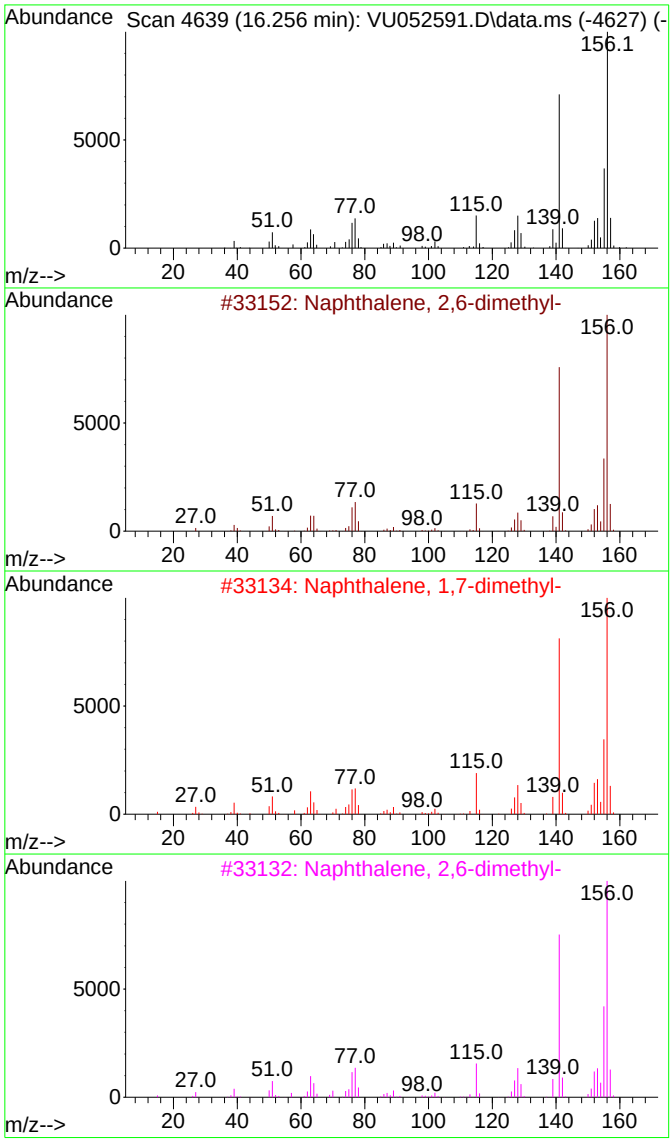
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

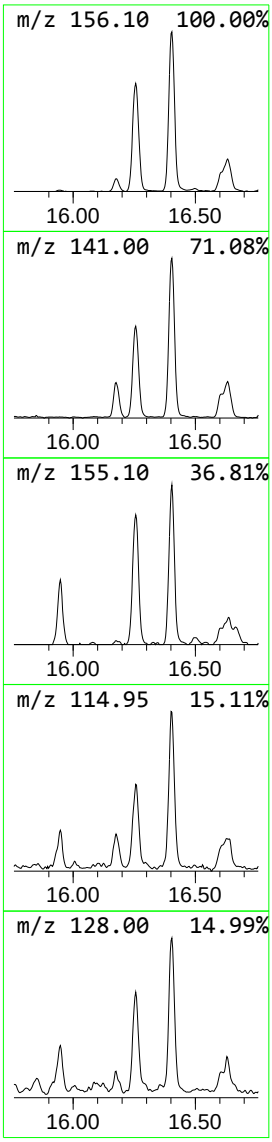
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.256	2.03 ug/L	240051	1,4-Dichlorobenzene-d4	11.806

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

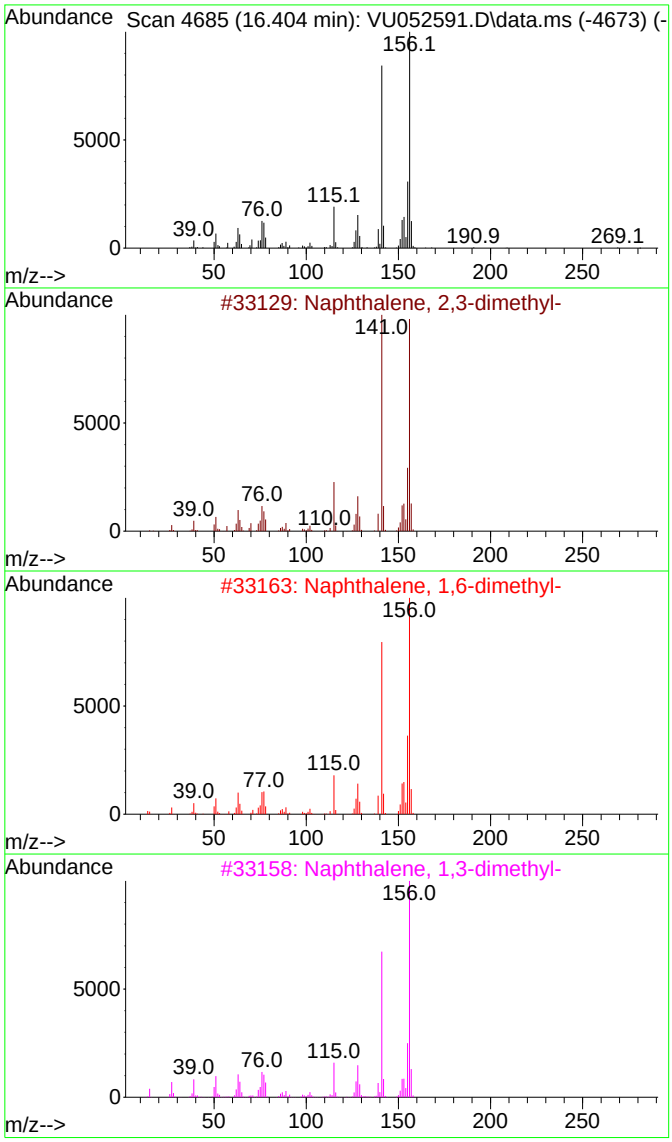
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

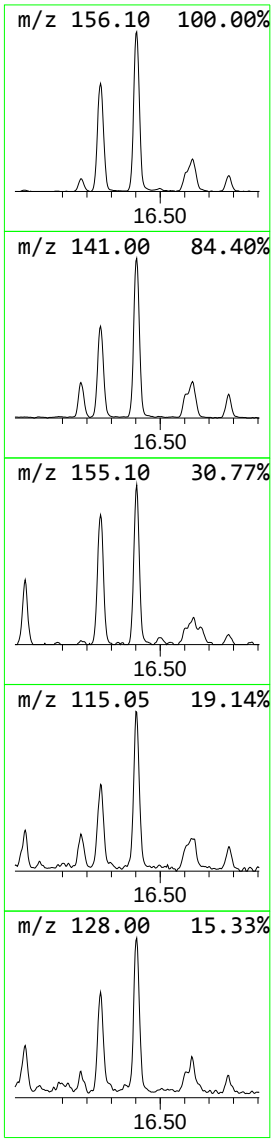
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	2.76 ug/L	325963	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

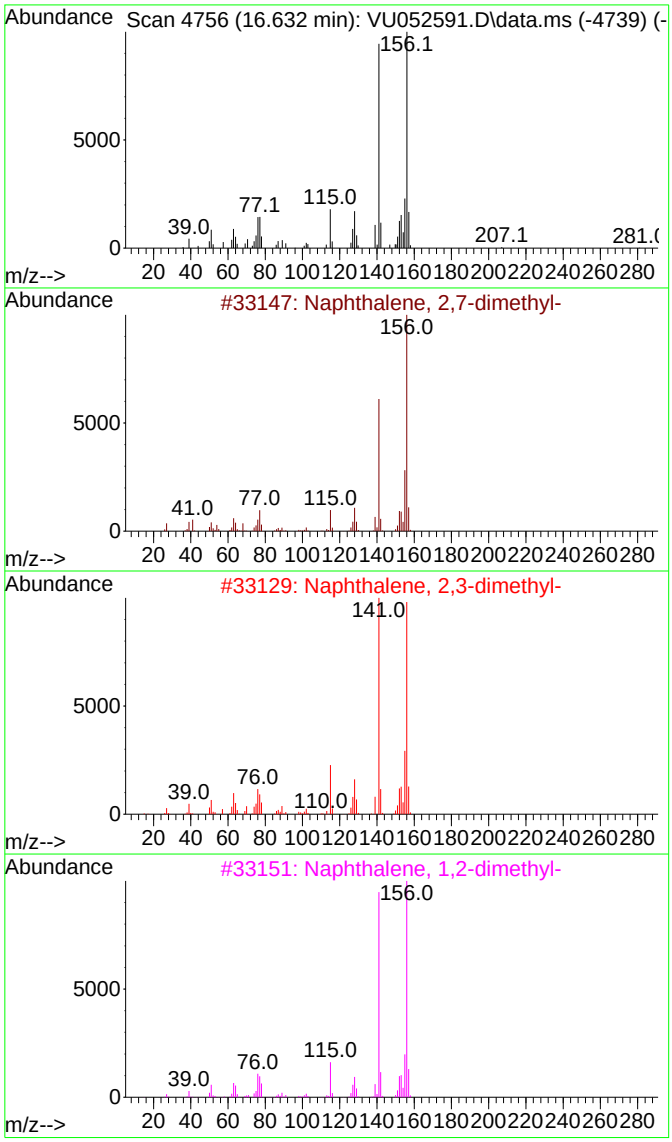
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

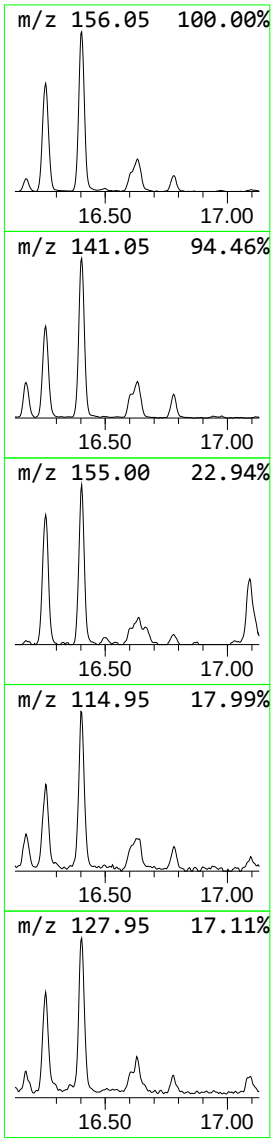
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Naphthalene, 2,7-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.632	1.01 ug/L	119446	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

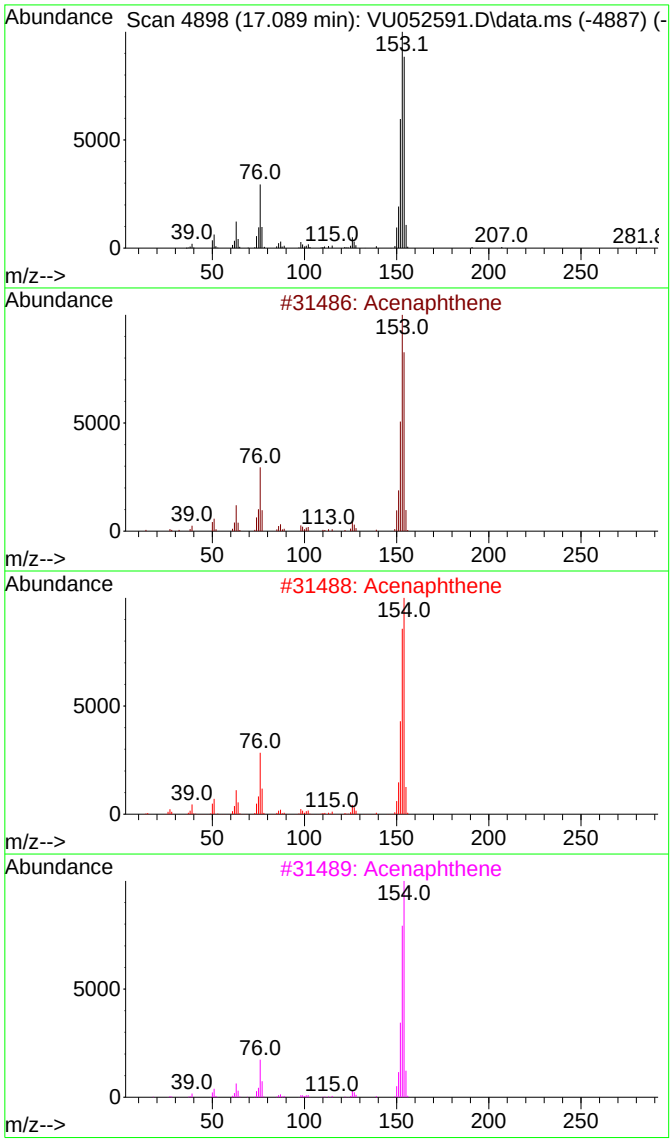
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

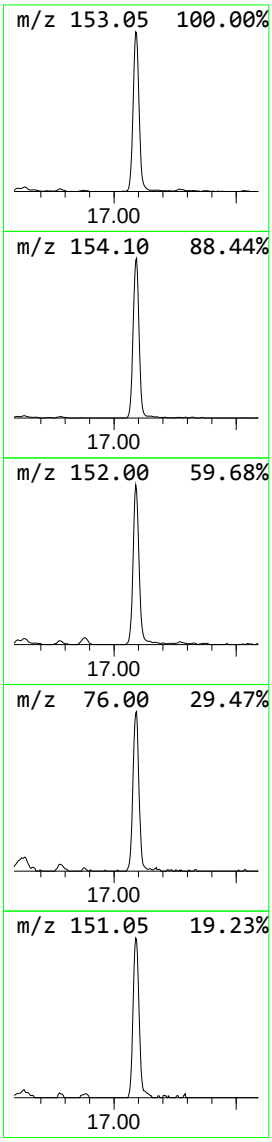
****

Peak Number 40 Acenaphthene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.089	2.98 ug/L	352317	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	95
2	Acenaphthene	154	C12H10	000083-32-9	91
3	Acenaphthene	154	C12H10	000083-32-9	76
4	Acenaphthene	154	C12H10	000083-32-9	60
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052591.D
Acq On : 28 Dec 2022 16:15
Operator : JC/MD
Sample : N6171-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.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
Benzene, 1-ethy...	11.288	3.5	ug/L	420139	3	11.806	591134	5.0
Benzene, 1-ethe...	11.536	2.5	ug/L	295978	3	11.806	591134	5.0
Benzene, 1,2,3-...	11.890	8.5	ug/L	1007970	3	11.806	591134	5.0
Indane	12.089	16.2	ug/L	1918630	3	11.806	591134	5.0
Indene	12.307	50.0	ug/L	5909240	3	11.806	591134	5.0
Benzene, 2-ethy...	12.462	1.1	ug/L	129366	3	11.806	591134	5.0
o-Cymene	12.565	1.9	ug/L	228795	3	11.806	591134	5.0
Indan, 1-methyl-	12.677	4.5	ug/L	537952	3	11.806	591134	5.0
Benzene, 2-ethe...	12.742	1.1	ug/L	129025	3	11.806	591134	5.0
Benzene, 4-ethy...	12.870	0.9	ug/L	112462	3	11.806	591134	5.0
Benzene, 1,2,3,...	12.967	1.2	ug/L	137418	3	11.806	591134	5.0
Benzene, 2-bute...	13.446	8.1	ug/L	953093	3	11.806	591134	5.0
2-Methylindene	13.513	15.2	ug/L	1792500	3	11.806	591134	5.0
Benzene, (1-met...	13.623	32.3	ug/L	3819620	3	11.806	591134	5.0
Cycloprop[a]ind...	13.722	0.8	ug/L	89308	3	11.806	591134	5.0
1H-Indene, 2,3-...	13.777	2.0	ug/L	232673	3	11.806	591134	5.0
2,2-Dimethylind...	13.934	1.1	ug/L	132802	3	11.806	591134	5.0
Azulene	14.082	1.6	ug/L	189584	3	11.806	591134	5.0
Benzo[b]thiophene	14.201	2.0	ug/L	237619	3	11.806	591134	5.0
5H-Benzocyclohe...	14.510	1.1	ug/L	126835	3	11.806	591134	5.0
1H-Indene, 1,3-...	14.671	2.7	ug/L	321804	3	11.806	591134	5.0
(1-Methylbuta-1...	14.719	1.1	ug/L	133539	3	11.806	591134	5.0
1H-Indene, 1,1-...	14.799	4.0	ug/L	470388	3	11.806	591134	5.0
1H-Indene, 4,7-...	15.066	1.4	ug/L	170518	3	11.806	591134	5.0
Naphthalene, 1-...	15.404	19.3	ug/L	2283120	3	11.806	591134	5.0
Biphenyl	15.947	1.7	ug/L	203140	3	11.806	591134	5.0
Naphthalene, 2,...	16.256	2.0	ug/L	240051	3	11.806	591134	5.0
Naphthalene, 2,...	16.404	2.8	ug/L	325963	3	11.806	591134	5.0
Naphthalene, 2,...	16.632	1.0	ug/L	119446	3	11.806	591134	5.0
Acenaphthene	17.089	3.0	ug/L	352317	3	11.806	591134	5.0