LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

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\SFAMUTR111521WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU045982.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.572	372	383	401	rVB	62319	105602	1.70%	0.281%
2	4.652	1012	1030	1080	rBV2	47284	211641	3.40%	0.564%
3	5.067	1142	1159	1176	rBV	69346	156086	2.51%	0.416%
4	5.729	1344	1365	1392	rBV2	141730	369533	5.94%	0.984%
5	6.253	1513	1528	1549	rBV	116279	222498	3.58%	0.592%
6	6.694	1652	1665	1680	rBV2	89193	172421	2.77%	0.459%
7	7.899	2021	2040	2053	rBV	167909	292639	4.70%	0.779%
8	7.970	2053	2062	2077	rVB	44517	76397	1.23%	0.203%
9	8.636	2256	2269	2310	rBV	266754	549372	8.83%	1.463%
10	9.417	2500	2512	2532	rBV	171282	284467	4.57%	0.757%
11	9.571	2547	2560	2583	rVB	372037	590551	9.49%	1.572%
12	9.697	2586	2599	2613	rBV	155494	261026	4.19%	0.695%
13	10.102	2712	2725	2749	rVB	317198	538996	8.66%	1.435%
14	10.484	2830	2844	2857	rBV	138339	222223	3.57%	0.592%
15	10.758	2918	2929	2943	rVB	83527	132920	2.14%	0.354%
16	10.906	2962	2975	2991	rBV	126369	200235	3.22%	0.533%
17	11.025	2991	3012	3022	rVV	469877	920022	14.78%	2.450%
18	11.089	3022	3032	3046	rVB	208788	320169	5.14%	0.852%
19	11.292	3082	3095	3117	rVB	366027	582997	9.37%	1.552%
20	11.468	3127	3150	3162	rBV	861316	1289034	20.71%	3.432%
21	11.539	3162	3172	3181	rBV	277288	422058	6.78%	1.124%
22	11.745	3224	3236	3245	rBV	78305	123578	1.99%	0.329%
23	11.812	3245	3257	3268	rVV	218191	363872	5.85%	0.969%
24	11.896	3269	3283	3293	rVV	607484	927218	14.90%	2.469%
25	12.095	3326	3345	3363	rBV3	531850	1027445	16.51%	2.736%
26	12.192	3363	3375	3388	rVV3	444124	759195	12.20%	2.021%
27	12.311	3401	3412	3424	rBV	784038	1225886	19.70%	3.264%
28	12.378	3424	3433	3449	rVB	44917	71039	1.14%	0.189%
29	12.465	3449	3460	3465	rBV	136628	224832	3.61%	0.599%
30	12.571	3480	3493	3501	rBV	313360	491710	7.90%	1.309%
31	12.619	3501	3508	3518	rVV	95520	176958	2.84%	0.471%
32	12.684	3518	3528	3540	rVV2	195109	408625	6.57%	1.088%
33	12.748	3540	3548	3558	rVV	232090	363026	5.83%	0.967%
34	12.809	3559	3567	3577	rVV3	50733	76784	1.23%	0.204%
35	12.877	3577	3588	3599	rVB	115823	185337	2.98%	0.493%
36	12.973	3599	3618	3626	rBV	188309	295943	4.76%	0.788%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

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\SFAMUTR111521WMA.M
Title : TRACE VOA SFAM1.0

37	13.028	3626	3635	3647	rVV	406905	661374	10.63%	1.761%
38	13.089	3647	3654	3664	rVV4	48768	96342	1.55%	0.257%
39	13.156	3664	3675	3683	rVV3	115702	235496	3.78%	0.627%
40	13.198	3683	3688	3697	rVB2	46376	63888	1.03%	0.170%
41	13.295	3708	3718	3732	rVB	287349	426648	6.86%	1.136%
42	13.452	3746	3767	3778	rBV3	640970	1139971	18.32%	3.035%
43	13.520	3778	3788	3805	rVB	1349618	2073775	33.32%	5.522%
44	13.626	3806	3821	3834	rVB	1569247	2630617	42.27%	7.004%
45	13.729	3845	3853	3859	rBV2	120815	177658	2.85%	0.473%
46	13.838	3879	3887	3907	rBV6	57671	144314	2.32%	0.384%
47	13.944	3913	3920	3941	rVB2	75381	165372	2.66%	0.440%
48	14.086	3941	3964	3987	rBV	3903753	6223101	100.00%	16.570%
49	14.205	3989	4001	4011	rBV2	57720	114491	1.84%	0.305%
50	14.288	4020	4027	4037	rVB2	45754	79689	1.28%	0.212%
51	14.481	4076	4087	4091	rBV3	91111	150548	2.42%	0.401%
52	14.513	4092	4097	4104	rVV	97674	129570	2.08%	0.345%
53	14.619	4123	4130	4137	rVB	90434	125497	2.02%	0.334%
54	14.677	4137	4148	4157	rVV2	274296	511923	8.23%	1.363%
55	14.725	4158	4163	4172	rVV	121849	185674	2.98%	0.494%
56	14.803	4172	4187	4203	rVV2	287800	619268	9.95%	1.649%
57	14.877	4203	4210	4218	rVV3	56945	88861	1.43%	0.237%
58	14.922	4218	4224	4236	rVB	42273	70707	1.14%	0.188%
59	15.012	4236	4252	4262	rBV8	41605	107176	1.72%	0.285%
60	15.073	4262	4271	4287	rVB2	126789	237505	3.82%	0.632%
61	15.169	4289	4301	4308	rBV	86454	137788	2.21%	0.367%
62	15.221	4308	4317	4332	rVB	234619	372649	5.99%	0.992%
63	15.410	4362	4376	4389	rBV	2589864	4110200	66.05%	10.944%
64	15.951	4526	4544	4555	rBV	193470	304020	4.89%	0.809%
65	16.182	4608	4616	4626	rVB	57996	90859	1.46%	0.242%
66	16.259	4629	4640	4648	rBV	129297	214228	3.44%	0.570%
67	16.407	4663	4686	4694	rBV	269048	455656	7.32%	1.213%
68	16.446	4695	4698	4710	rVB3	50838	65852	1.06%	0.175%
69	16.613	4739	4750	4752	rBV2	63845	86970	1.40%	0.232%
70	16.783	4793	4803	4818	rVB	52164	82643	1.33%	0.220%
71	17.095	4886	4900	4912	rBV	327892	533881	8.58%	1.422%

Sum of corrected areas: 37556546

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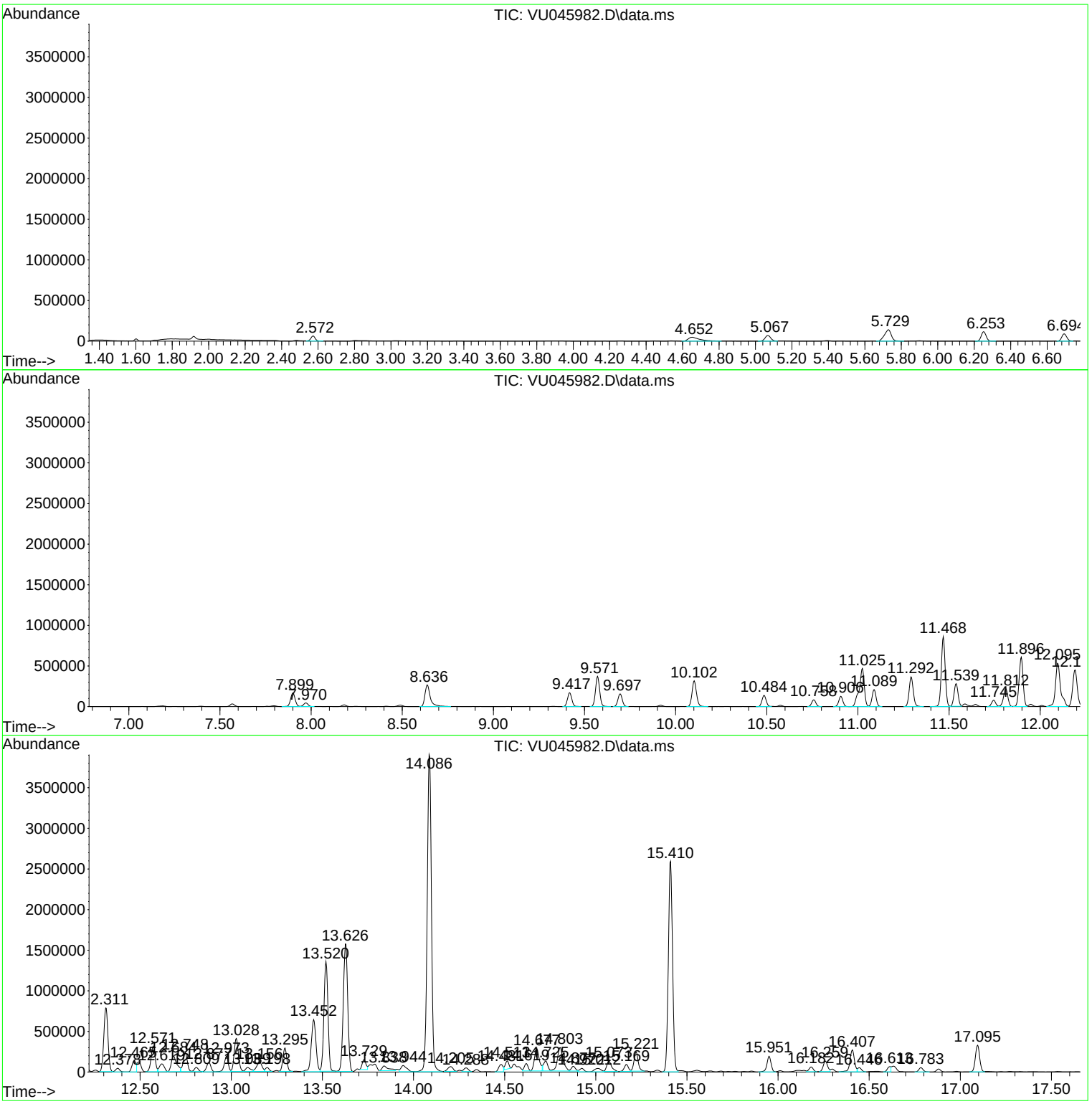
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.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\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

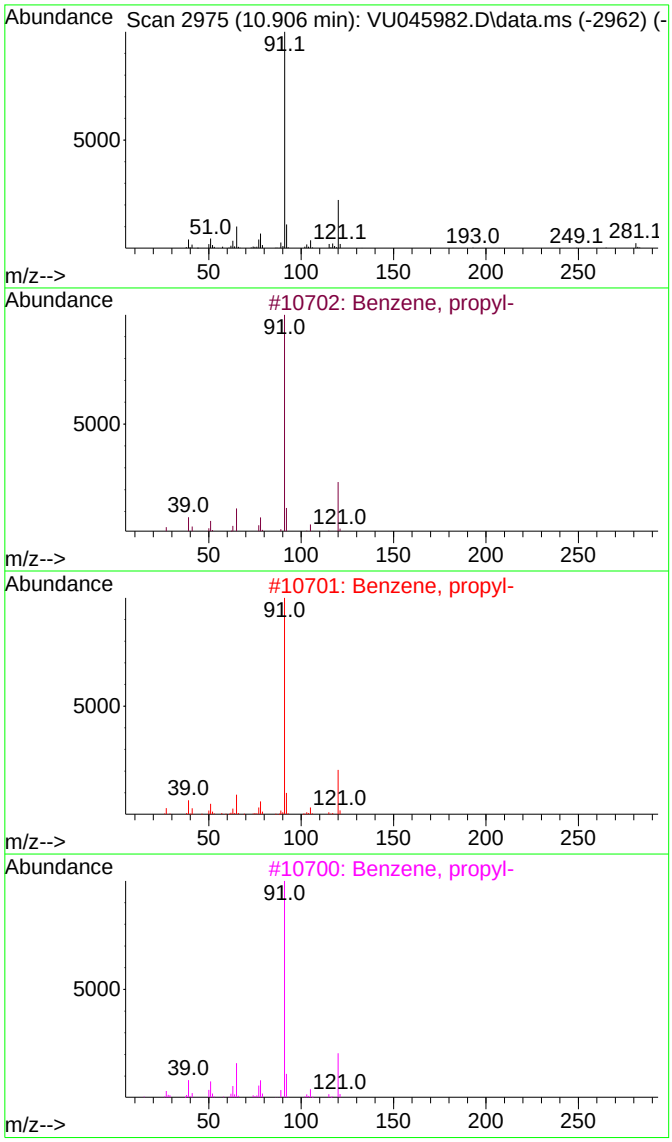
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

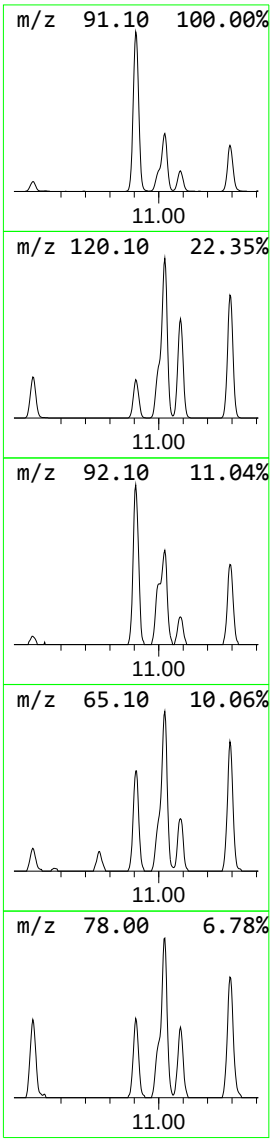
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	2.75 ug/L	200235	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	Benzene, propyl-	120	C9H12	000103-65-1	74
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

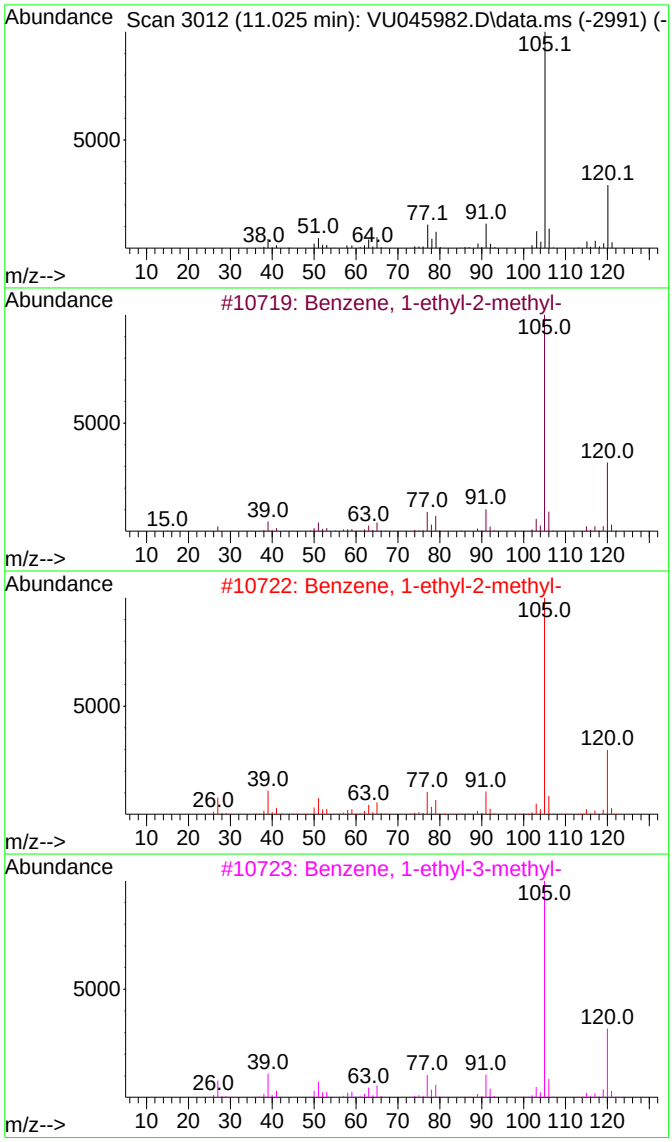
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

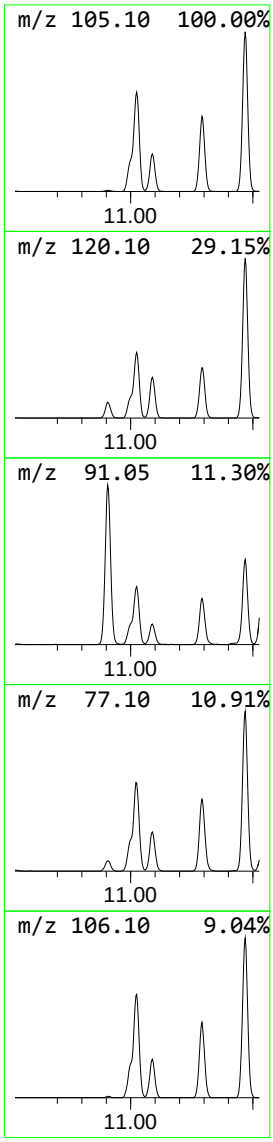
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.025	12.64 ug/L	920022	1,4-Dichlorobenzene-d4	11.812

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-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

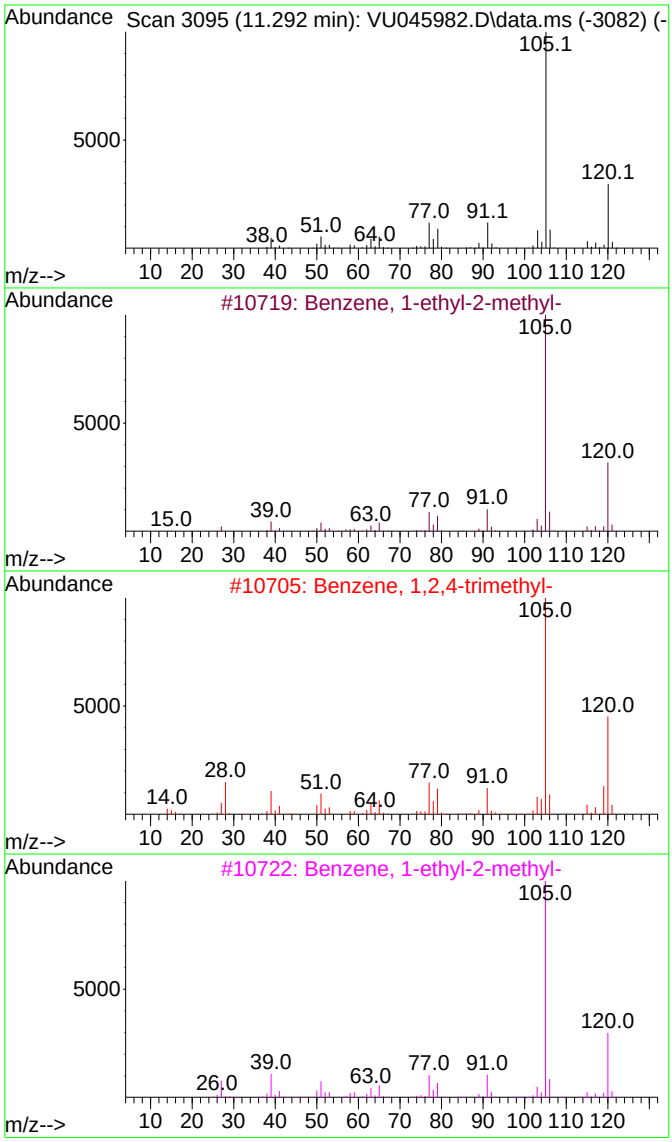
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

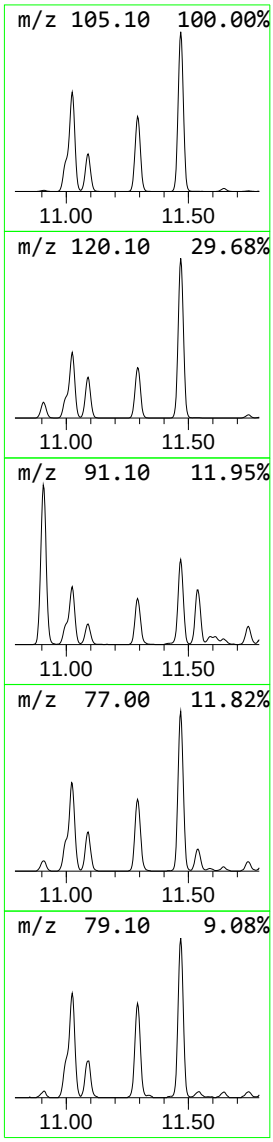
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	8.01 ug/L	582997	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

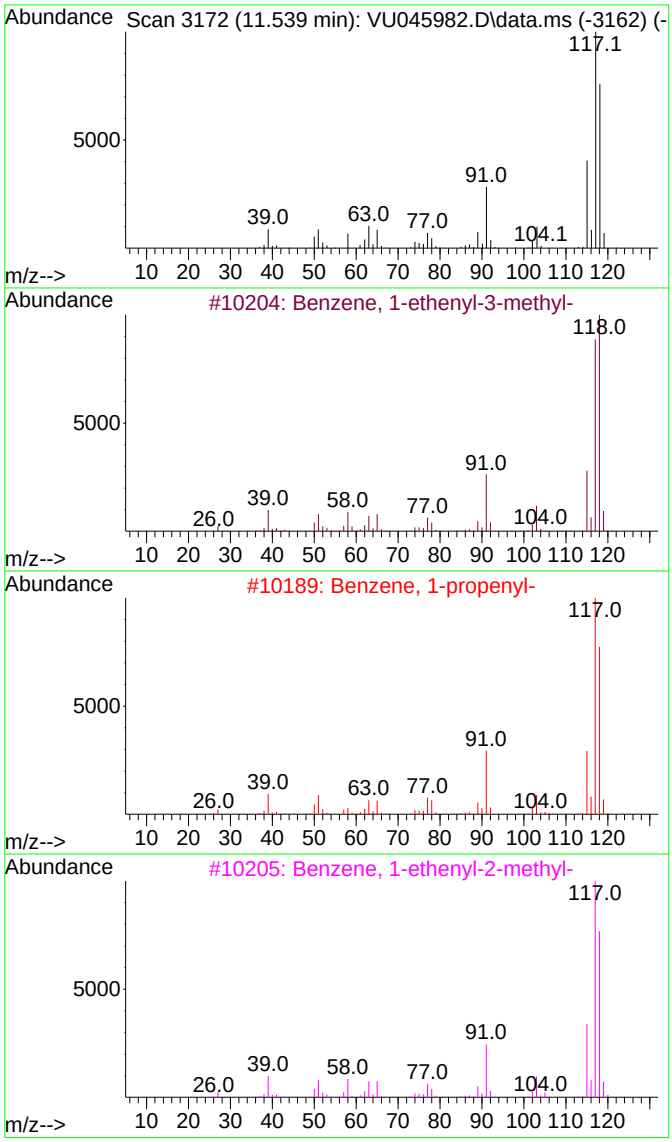
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

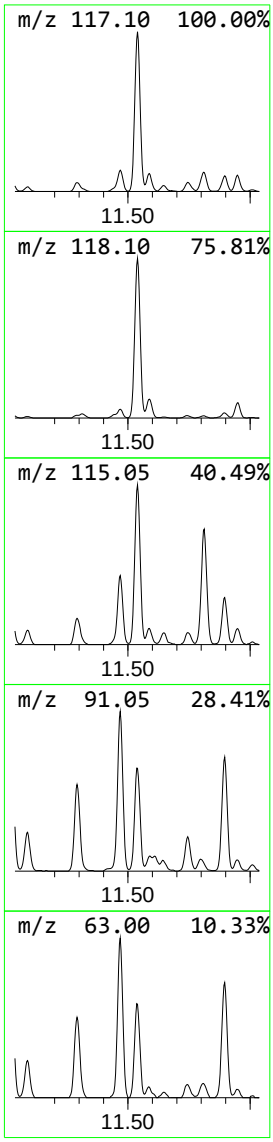
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	5.80 ug/L	422058	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

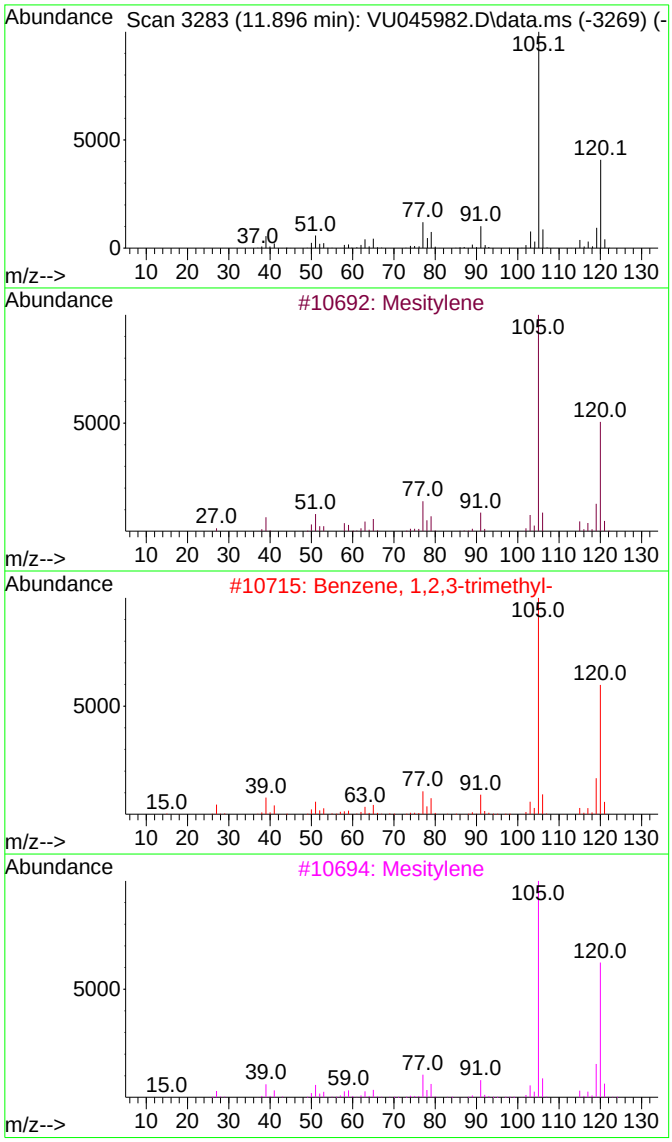
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

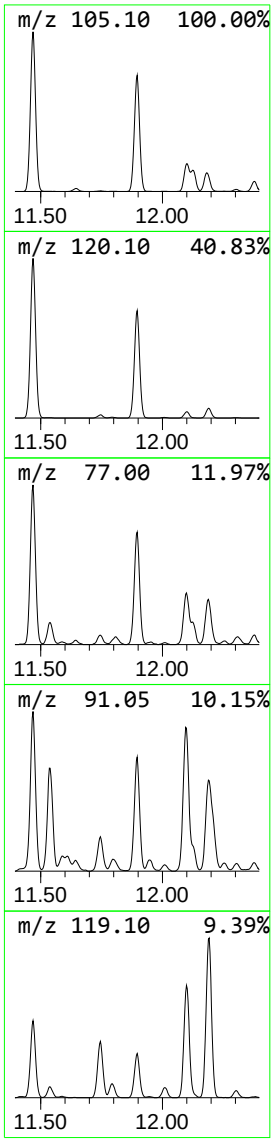
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	12.74 ug/L	927218	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

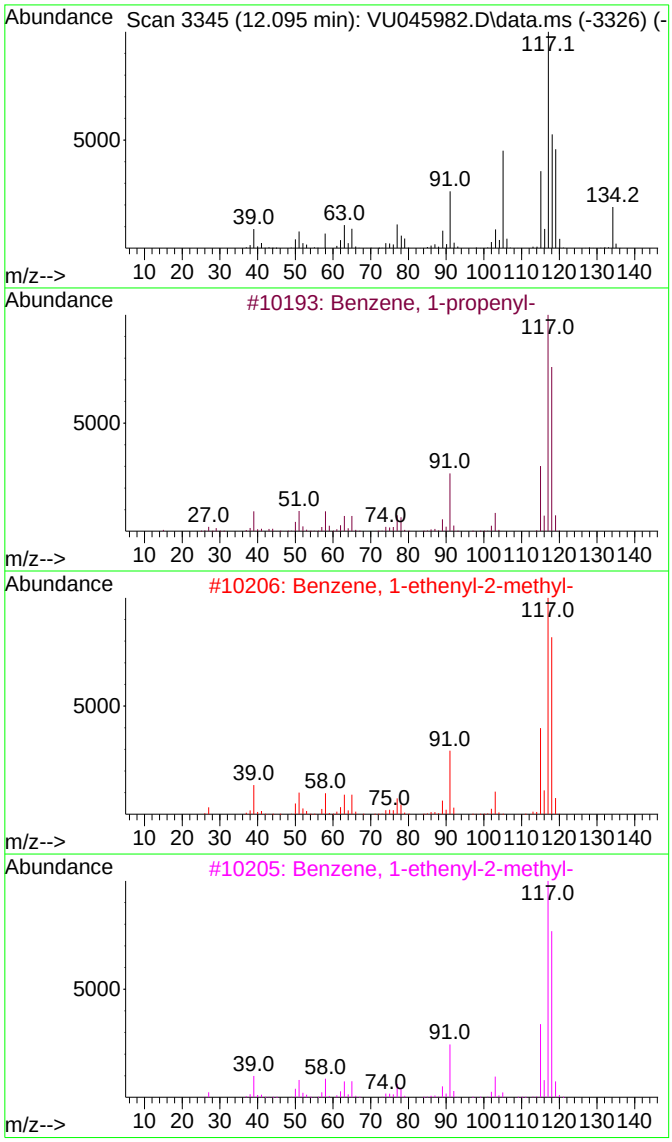
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

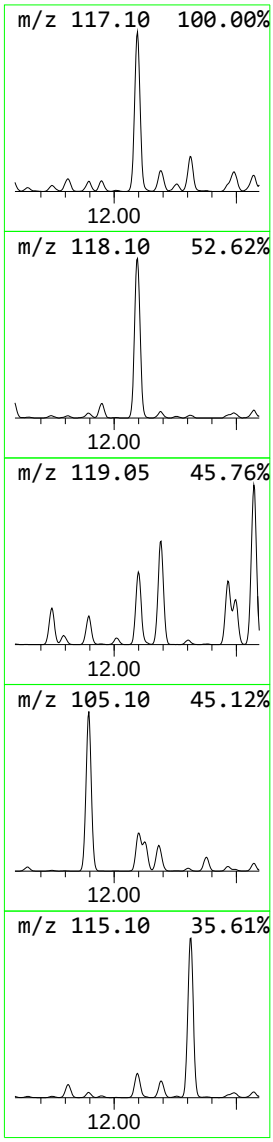
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	14.12 ug/L	1027450	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

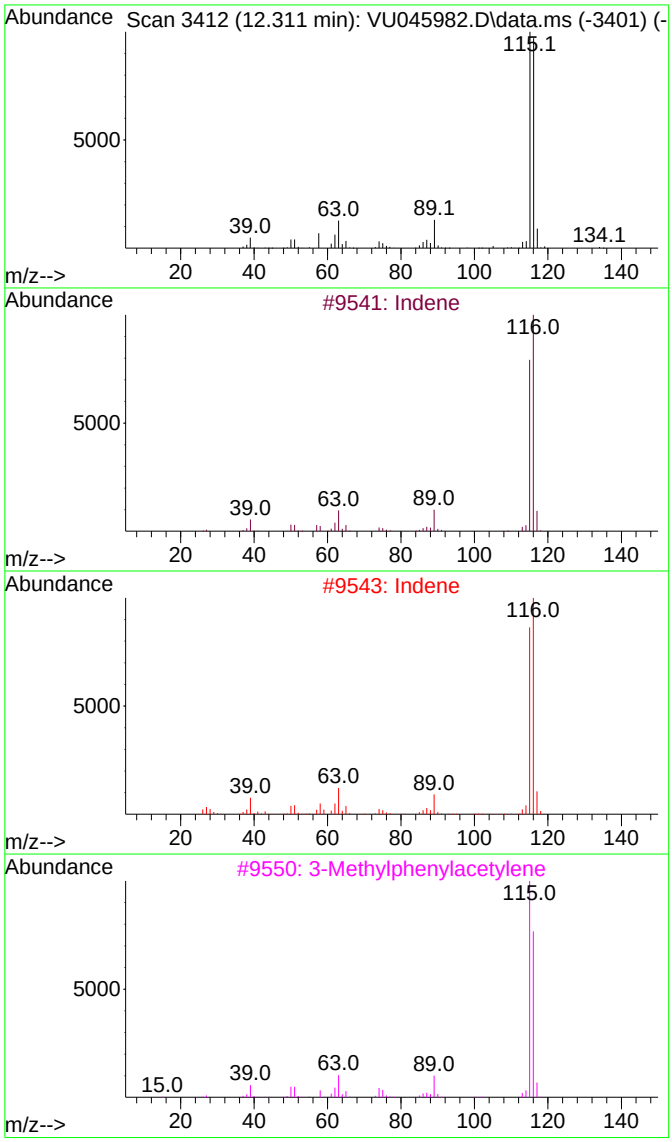
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

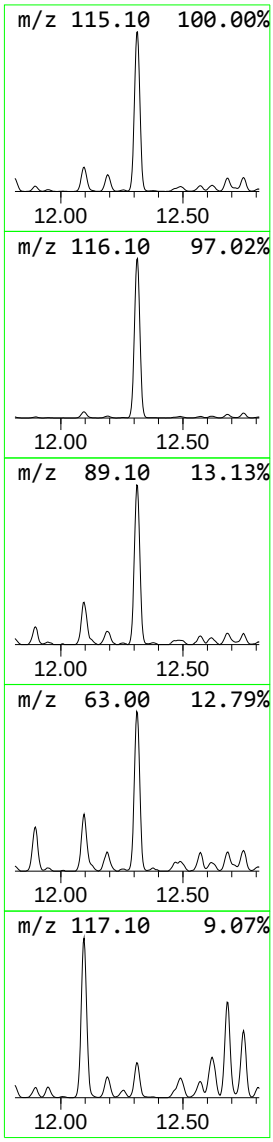
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.311	16.84 ug/L	1225890	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

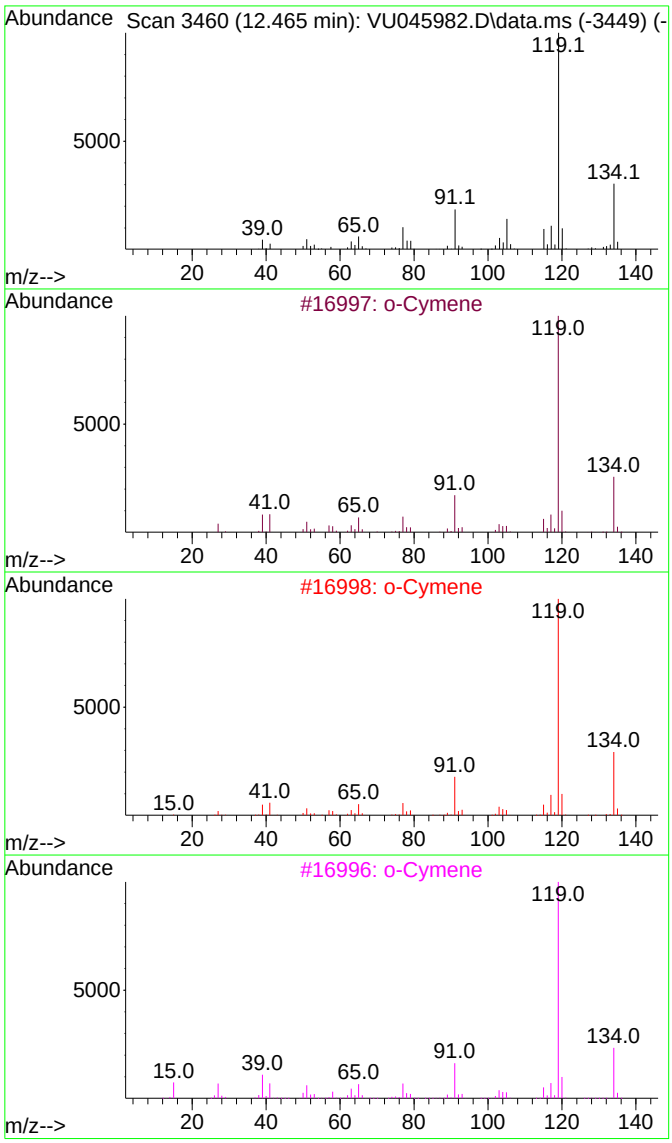
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

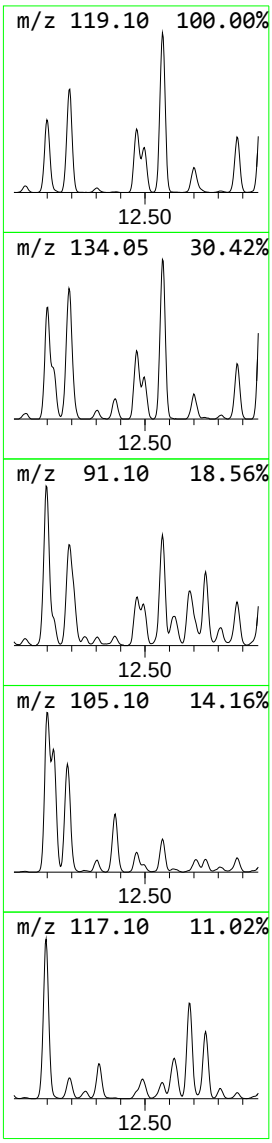
****

Peak Number 10 o-Cymene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	3.09 ug/L	224832	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	p-Cymene	134	C10H14	000099-87-6	97
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96





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Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

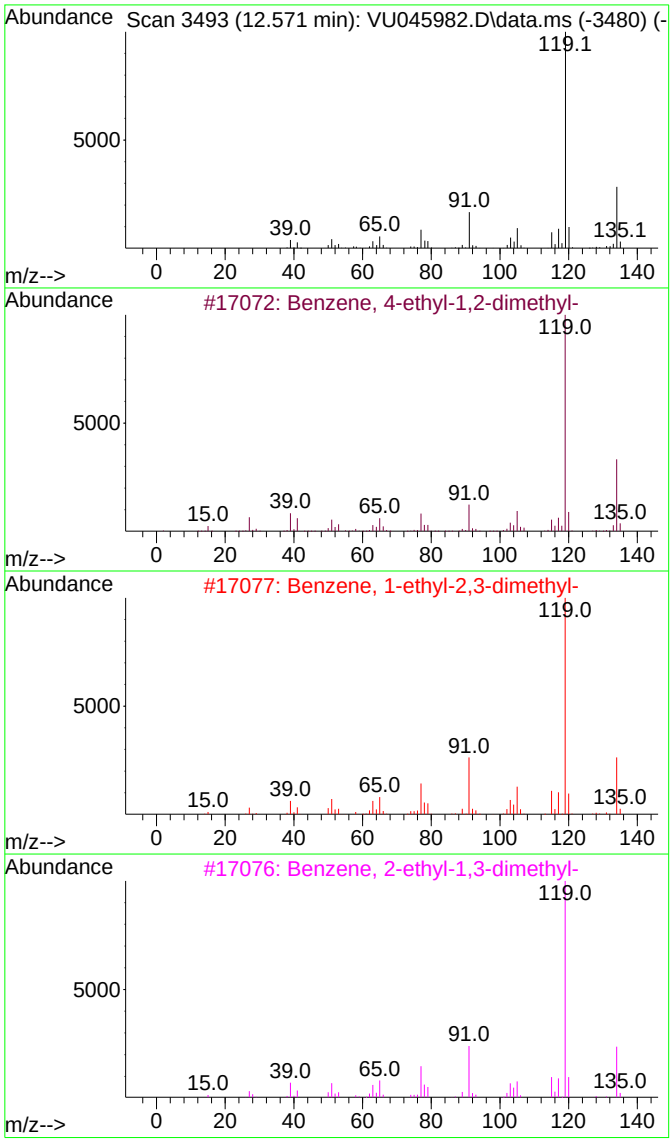
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

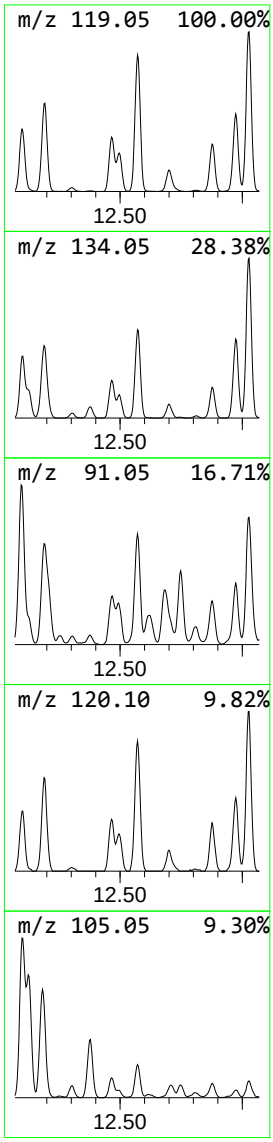
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	6.76 ug/L	491710	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

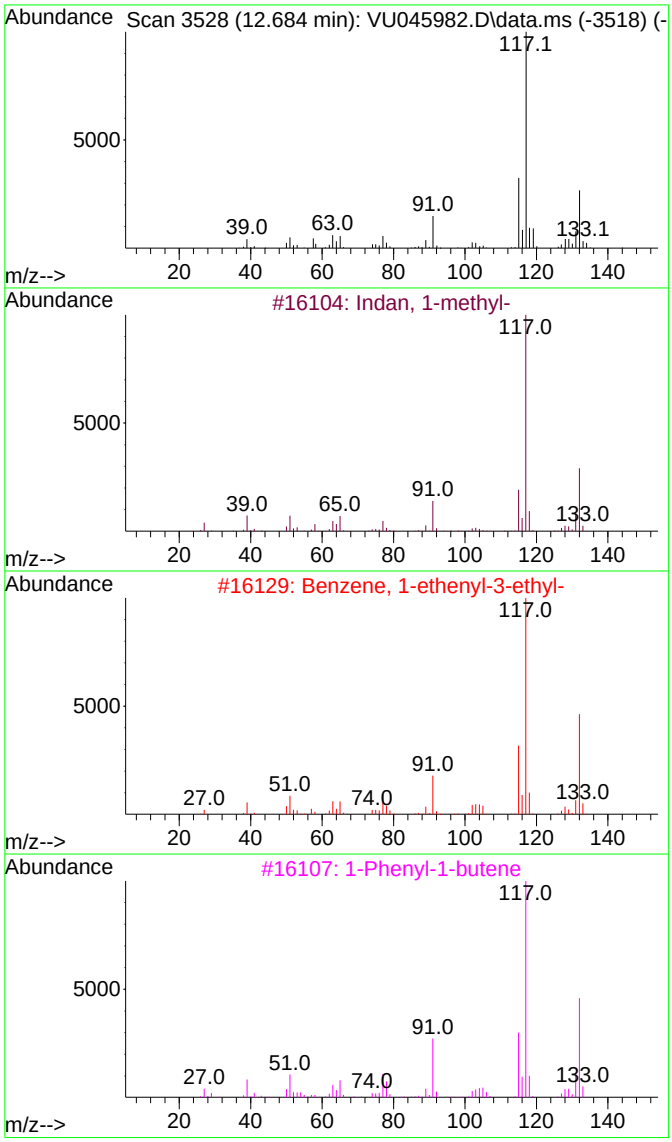
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

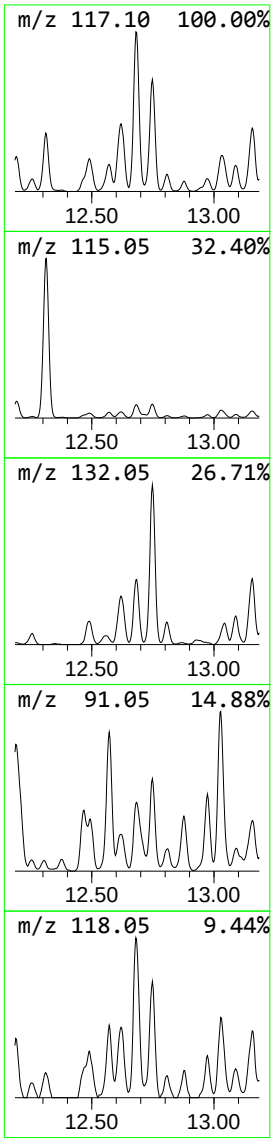
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Indan, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	5.61 ug/L	408625	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

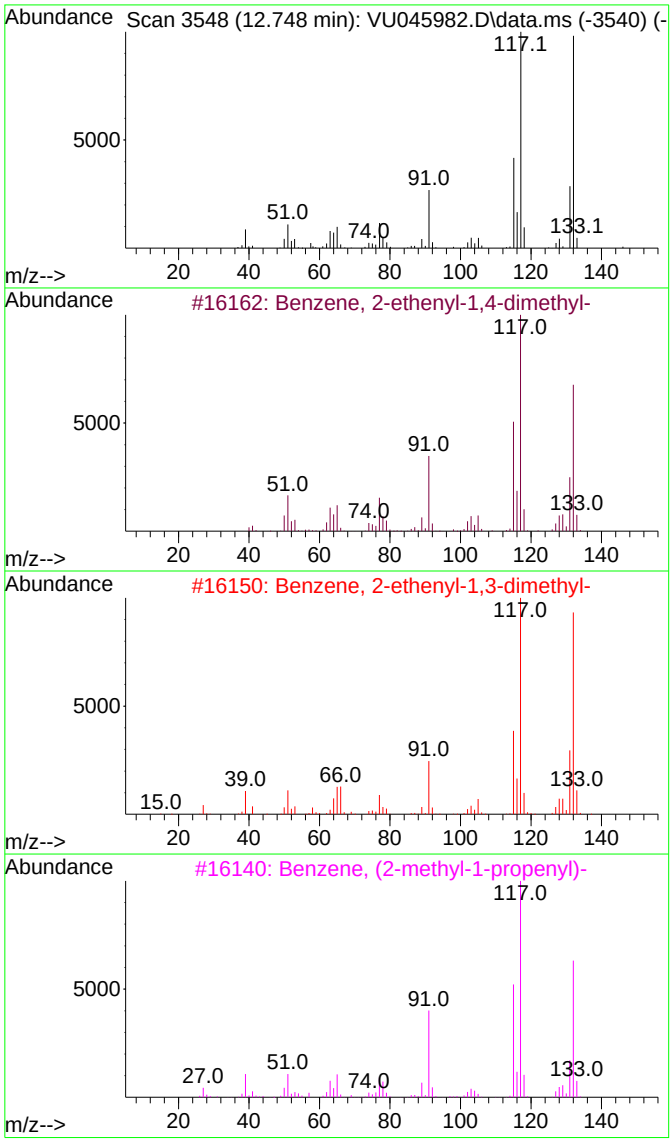
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

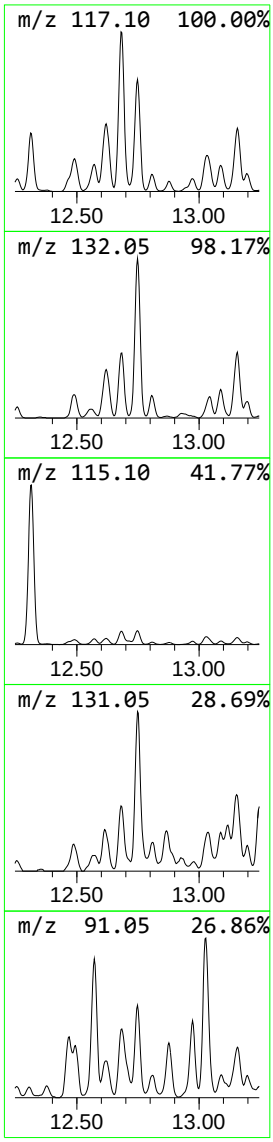
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.748	4.99 ug/L	363026	1,4-Dichlorobenzene-d4	11.812

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-1,3-dimethyl-	132	C10H12	002039-90-9	94
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94





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Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

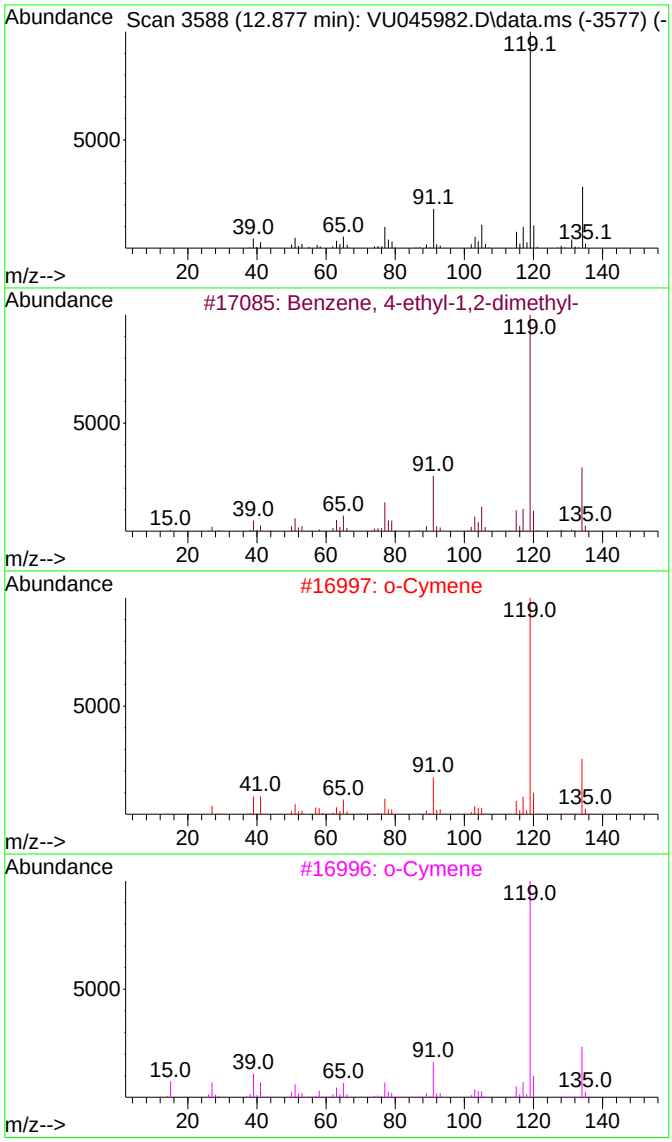
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

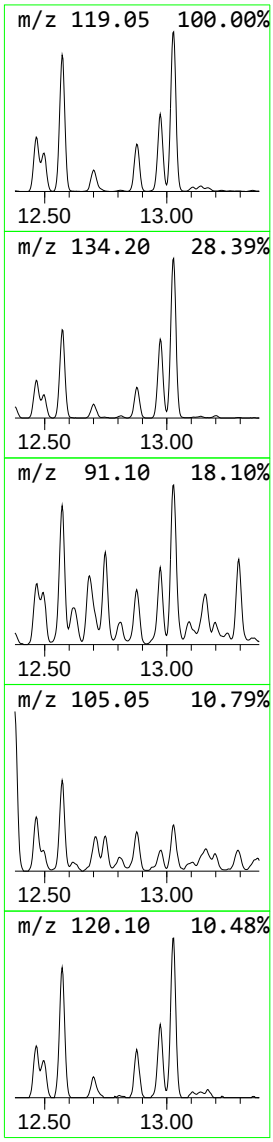
****

Peak Number 16 p-Cymene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	2.55 ug/L	185337	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

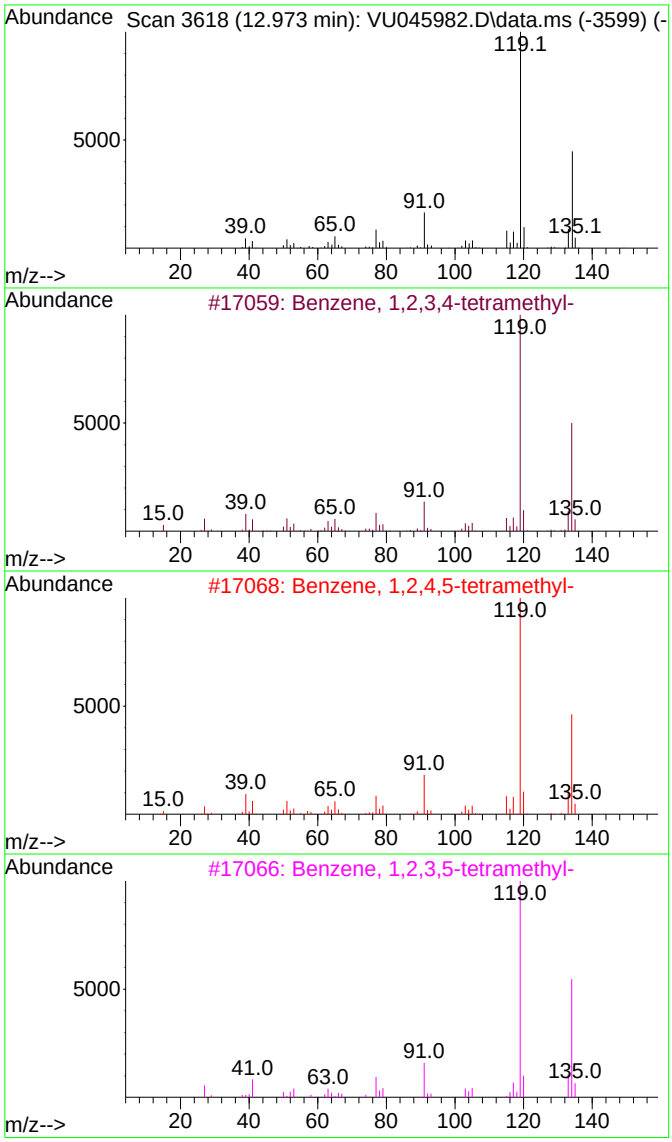
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

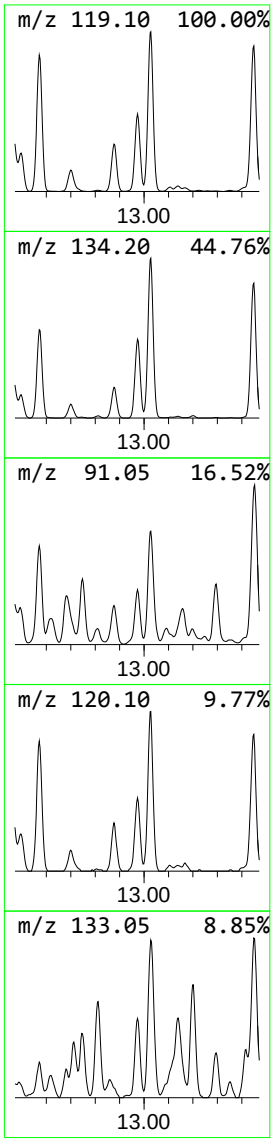
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	4.07 ug/L	295943	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

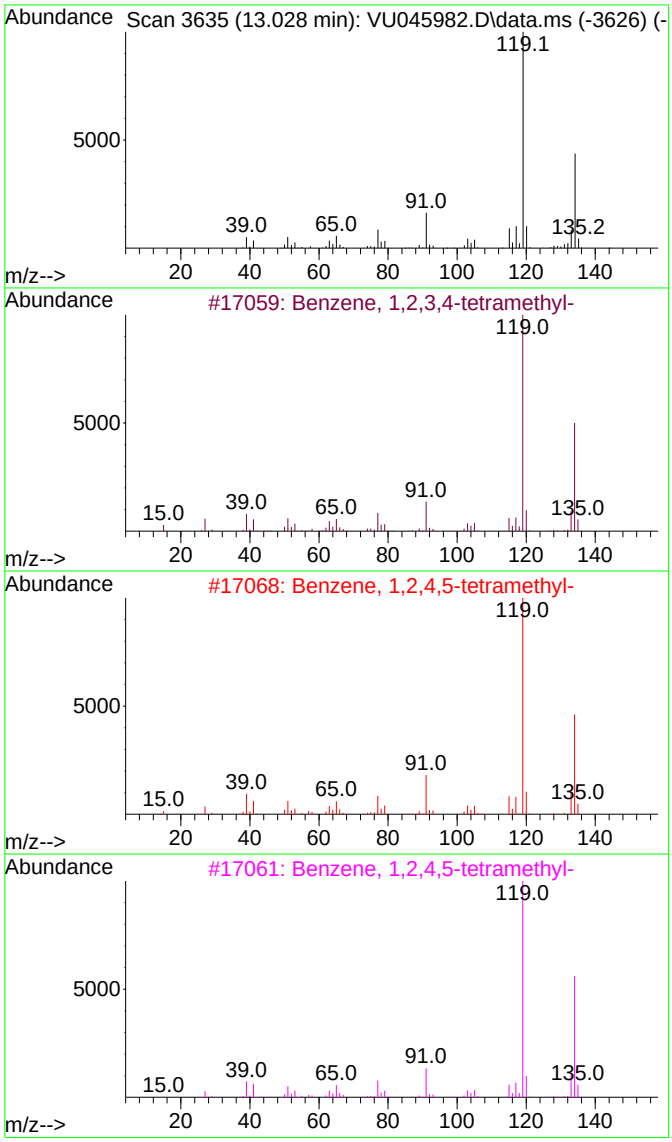
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

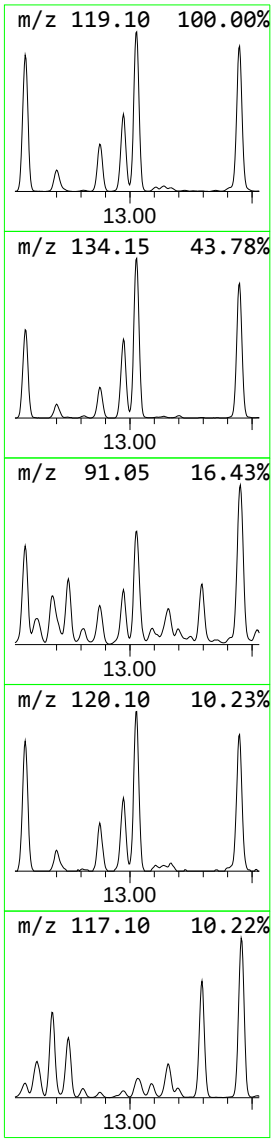
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	9.09 ug/L	661374	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	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	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

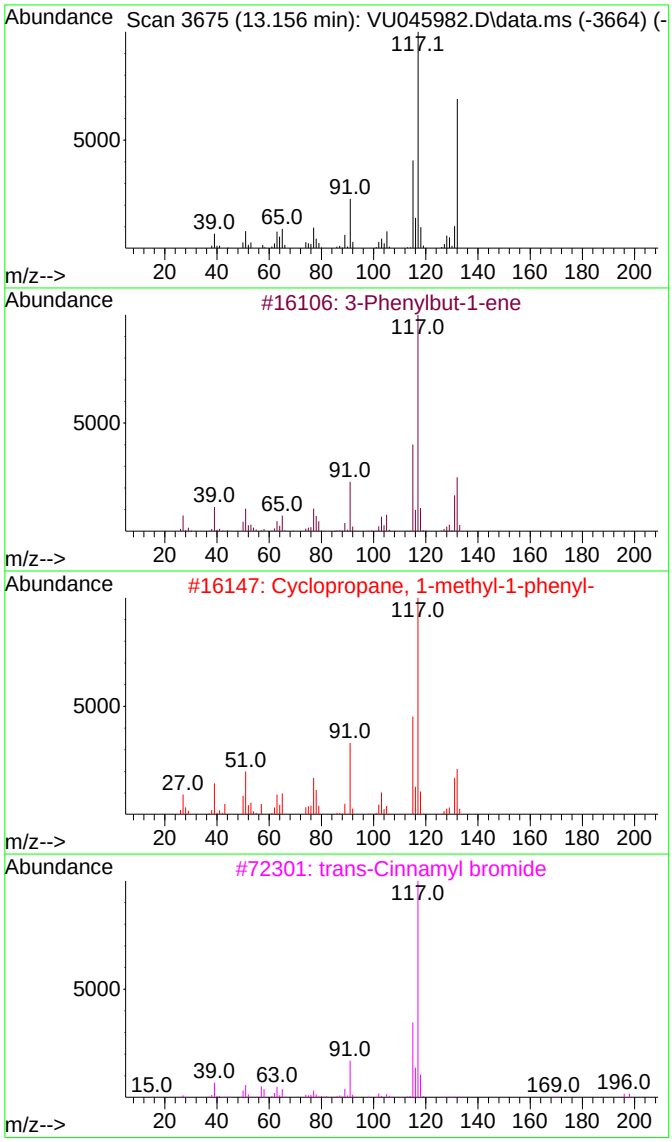
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

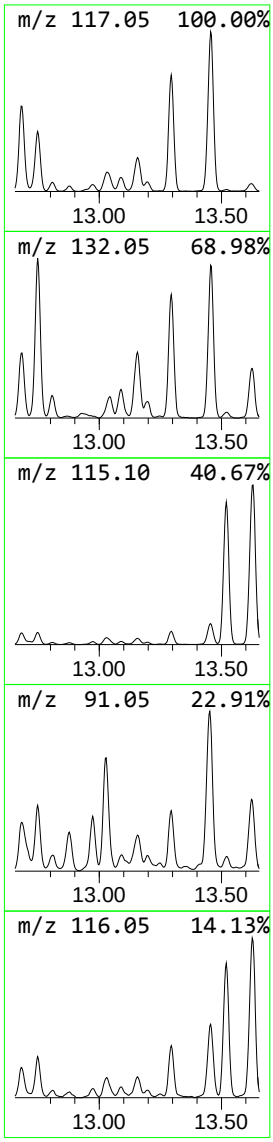
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 3-Phenylbut-1-ene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.156	3.24 ug/L	235496	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	78
2	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	59
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
4	Indan, 1-methyl-	132	C10H12	000767-58-8	50
5	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

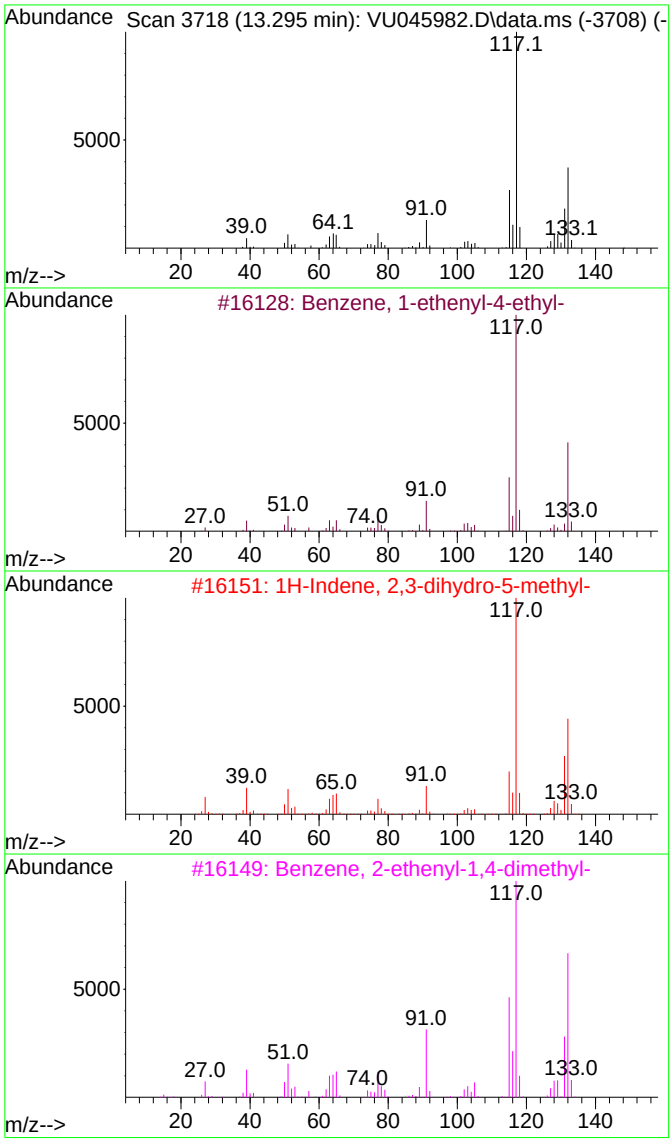
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

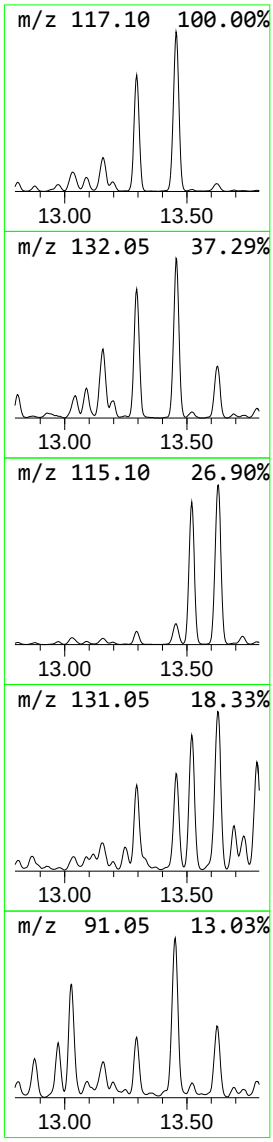
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.295	5.86 ug/L	426648	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

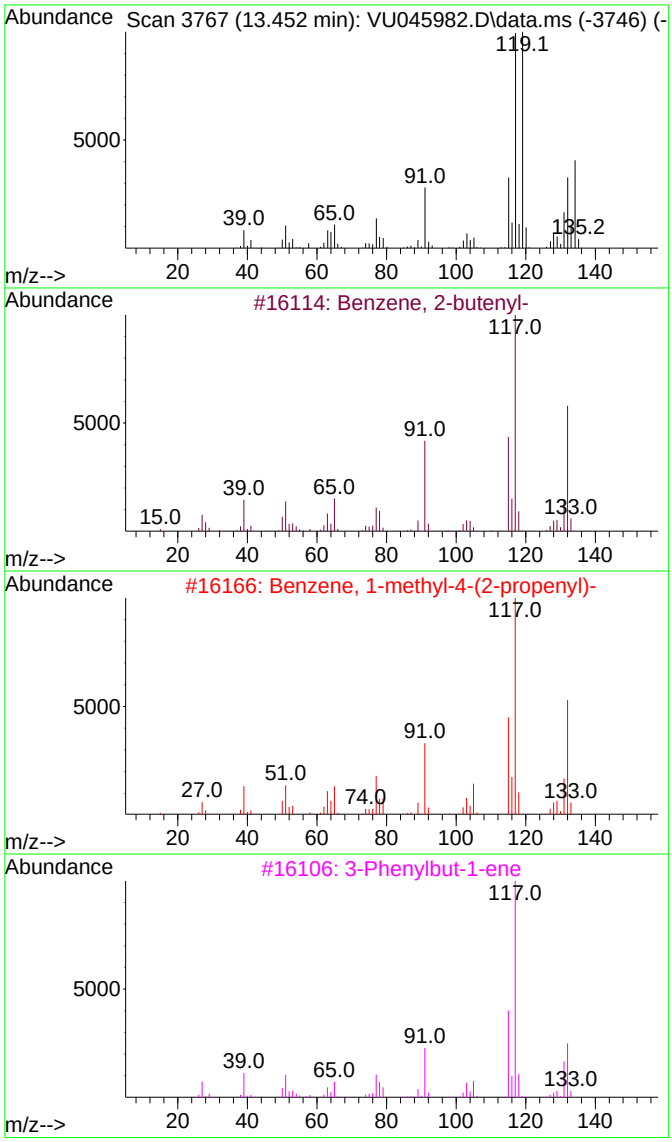
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

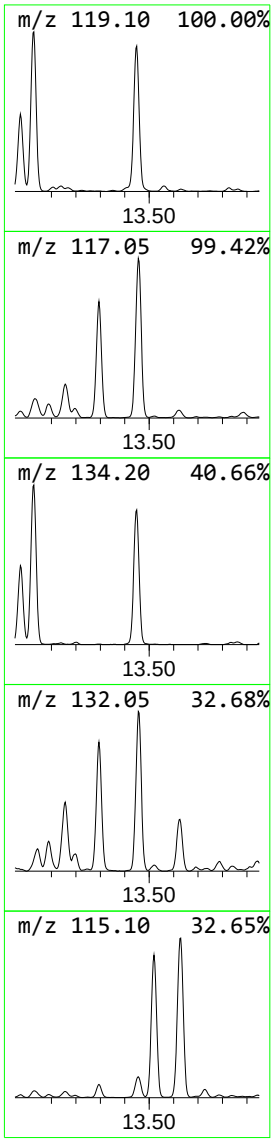
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-butenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	15.66 ug/L	1139970	1,4-Dichlorobenzene-d4	11.812

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	64
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

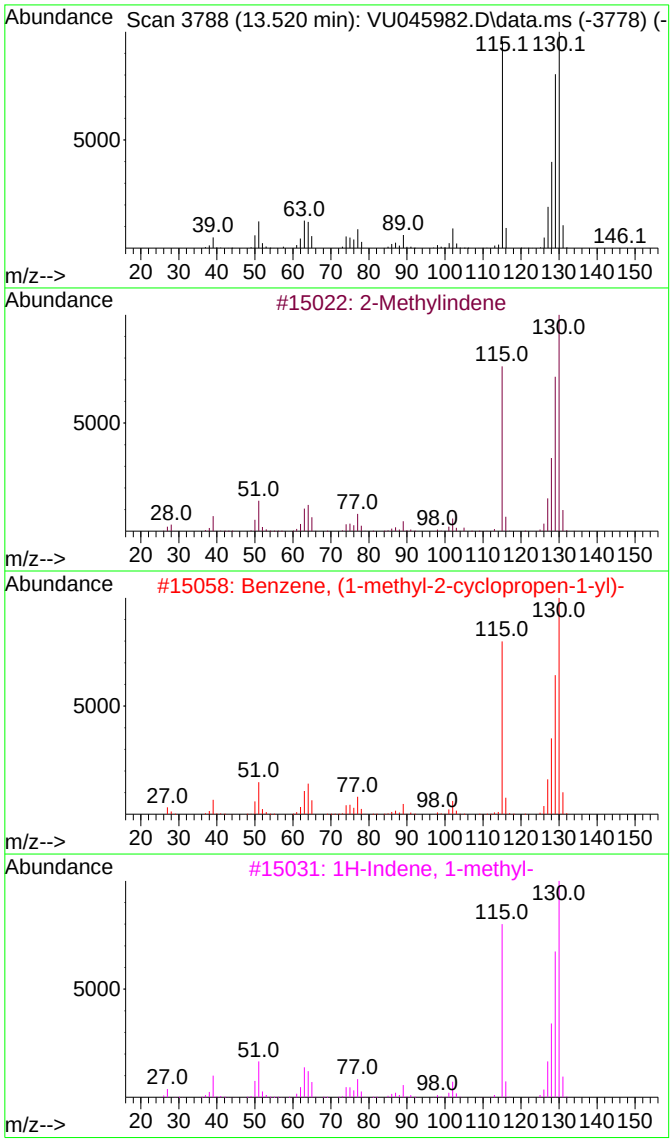
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

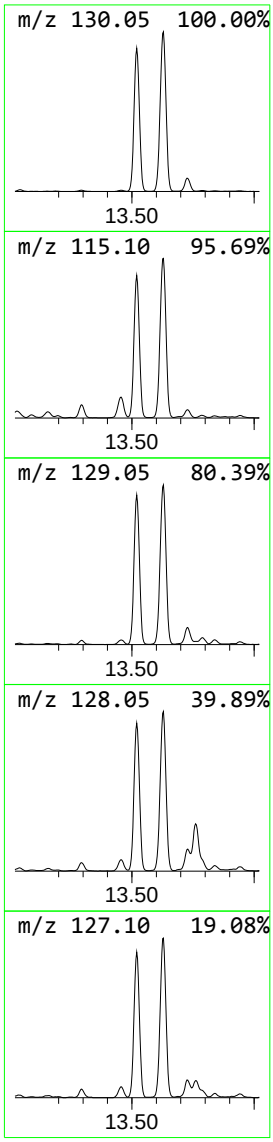
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2-Methylindene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.520	28.50 ug/L	2073780	1,4-Dichlorobenzene-d4	11.812

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	94
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

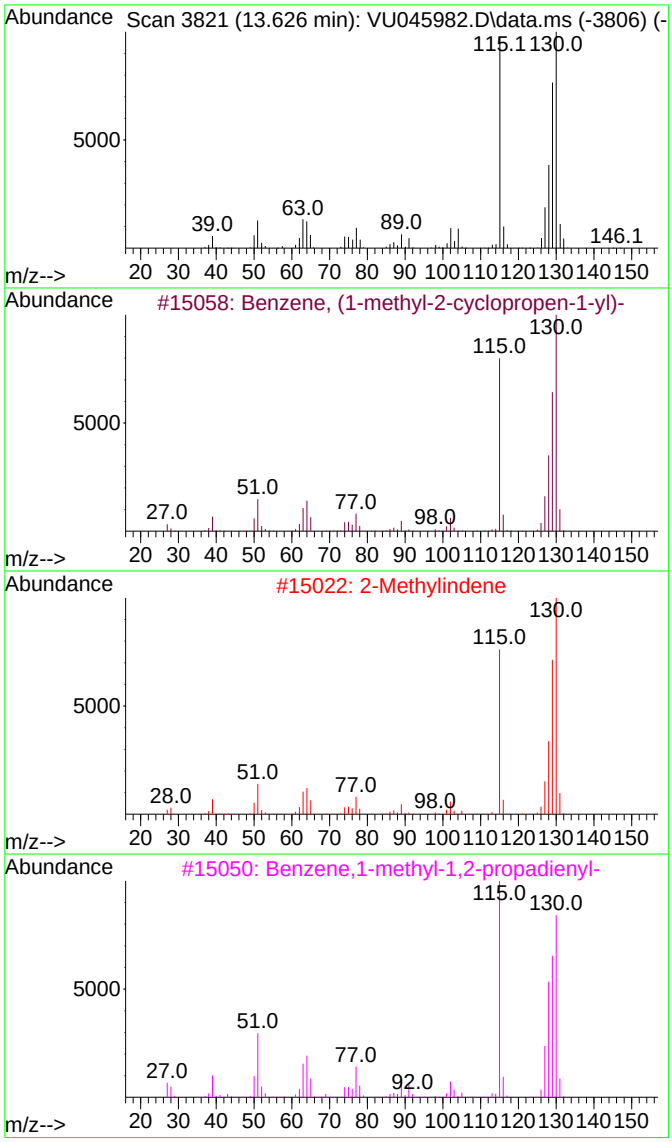
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

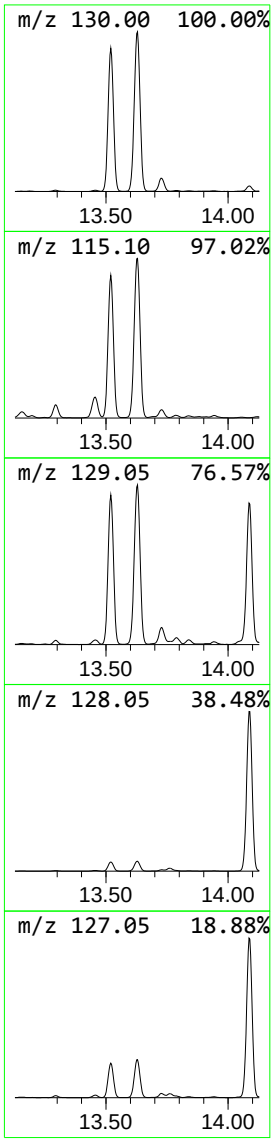
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (1-methyl-2-cyclop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	36.15 ug/L	2630620	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

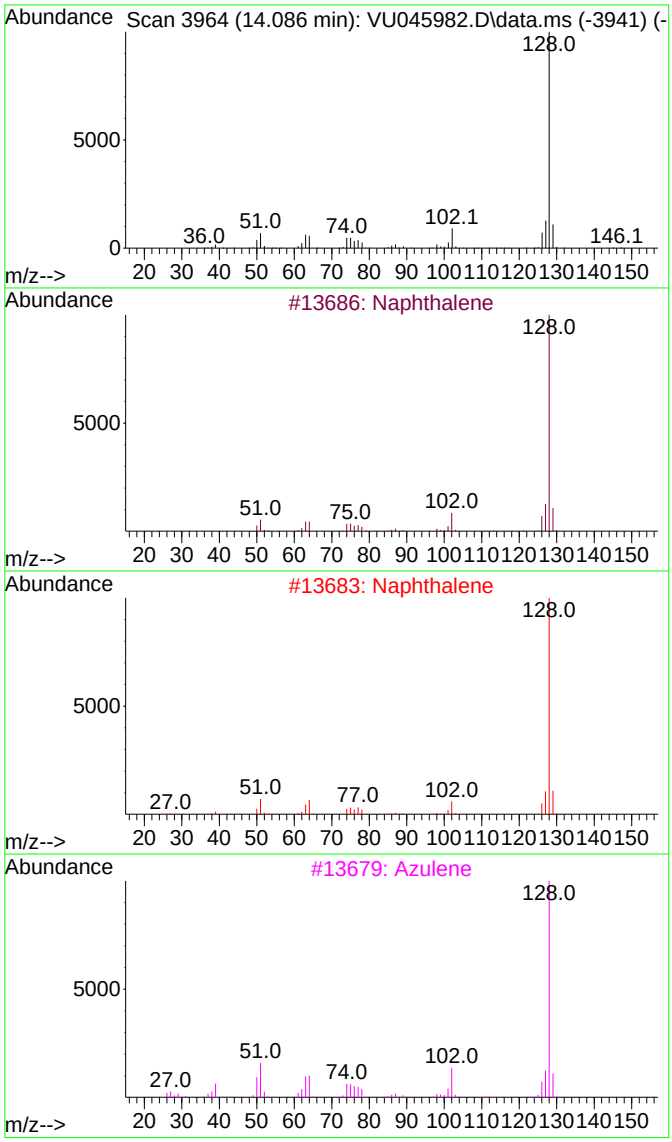
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

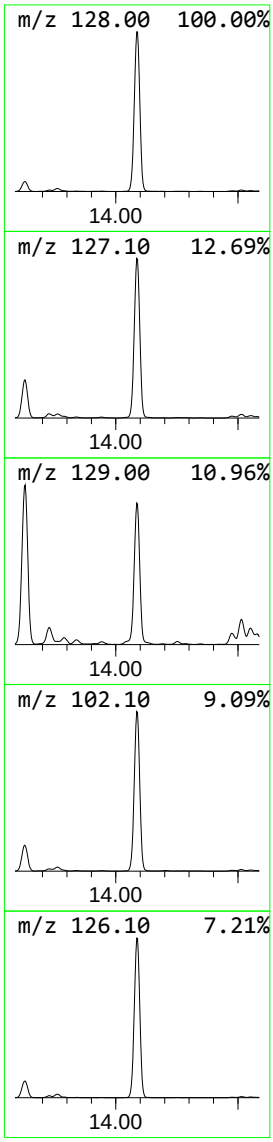
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	85.51 ug/L	6223100	1,4-Dichlorobenzene-d4	11.812

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	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

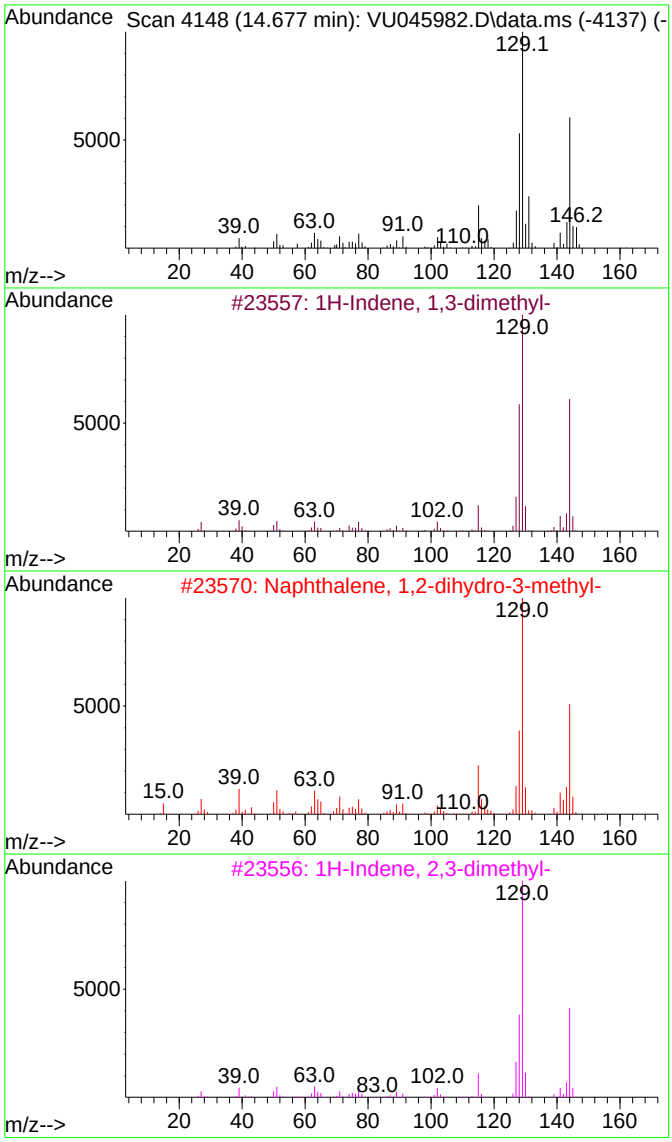
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

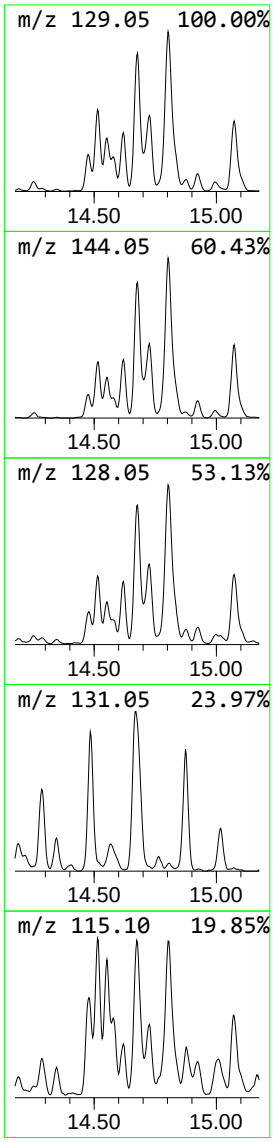
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1H-Indene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.677	7.03 ug/L	511923	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	93
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

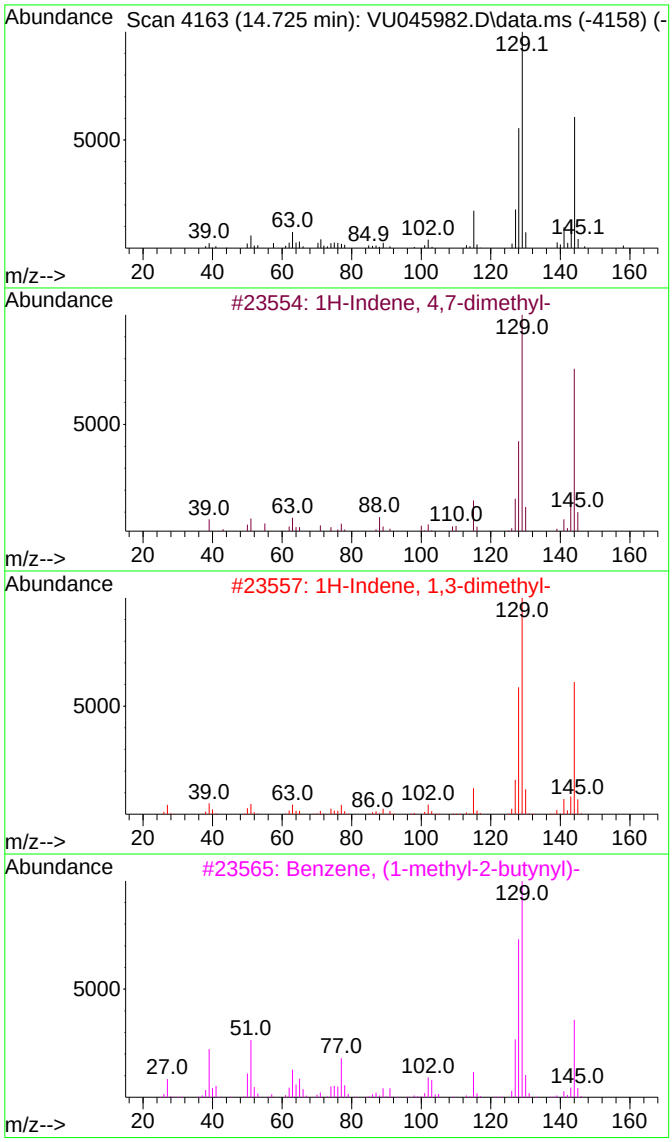
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

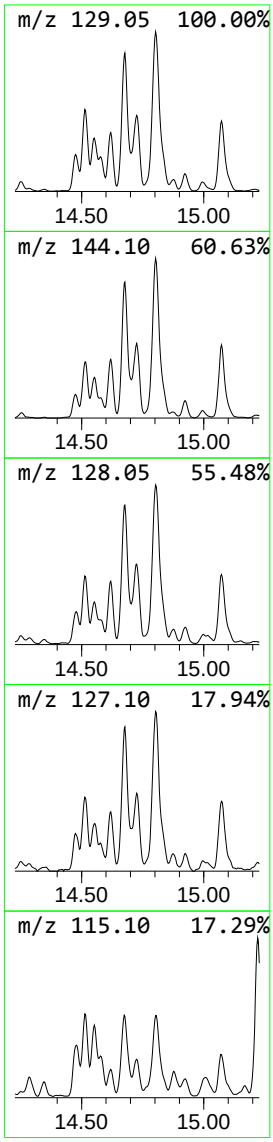
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1H-Indene, 4,7-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.726	2.55 ug/L	185674	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	83
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	80
3	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	72
4	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	72
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

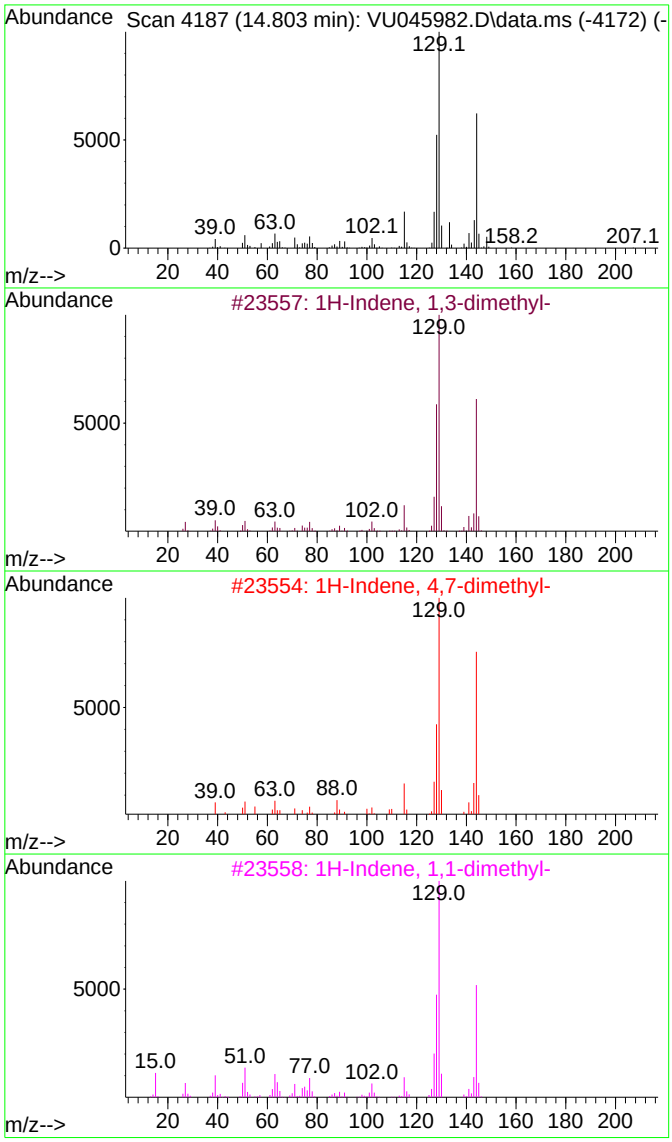
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

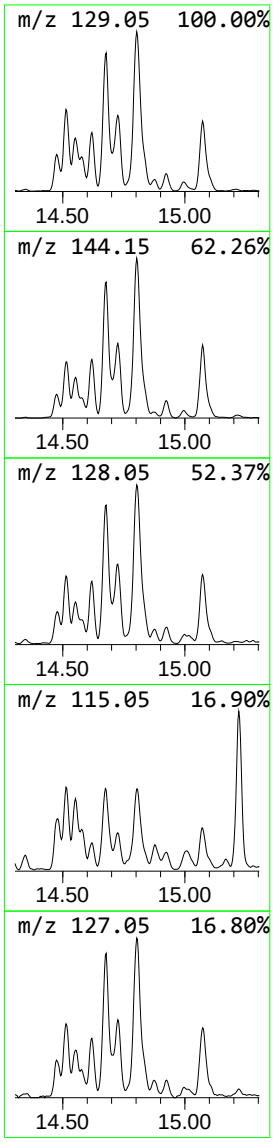
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1H-Indene, 1,1-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.803	8.51 ug/L	619268	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
4	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

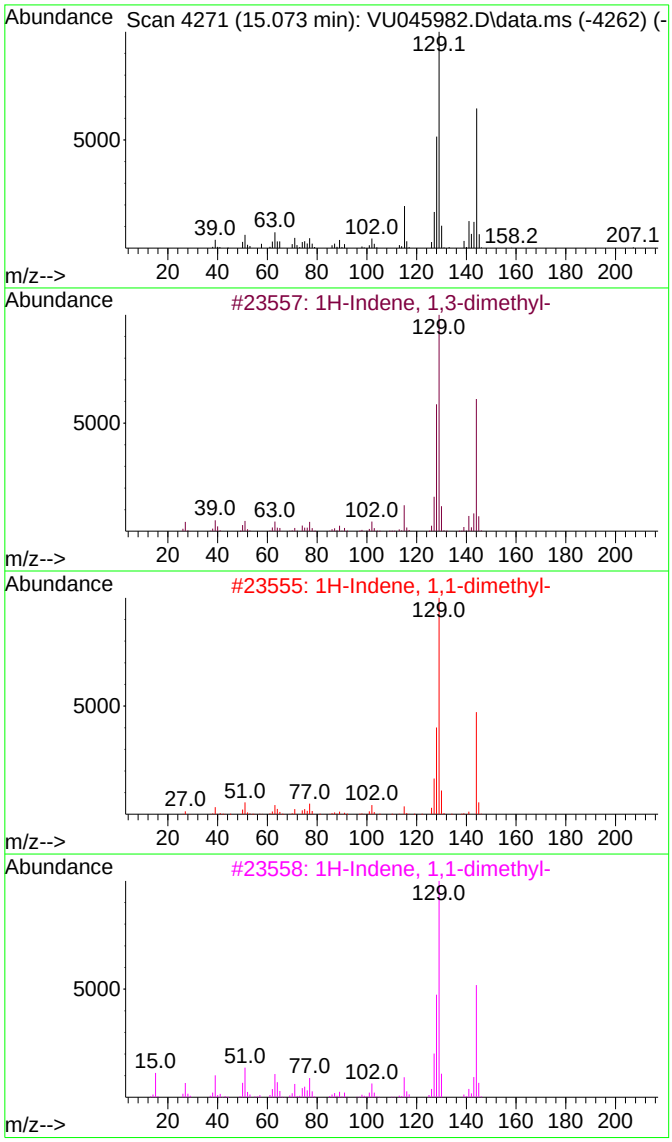
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

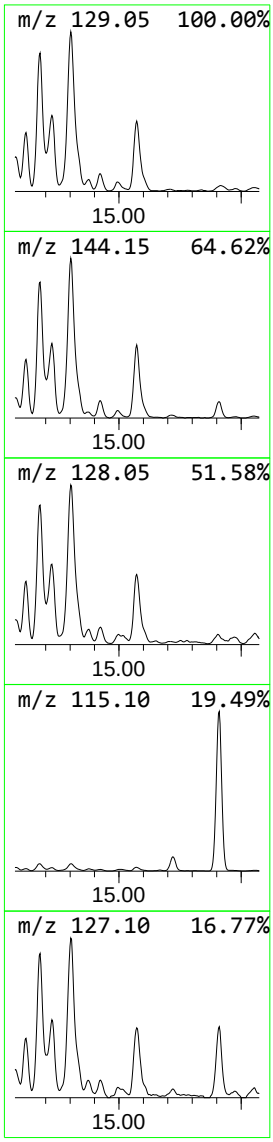
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Naphthalene, 1,2-dihydro-4-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.073	3.26 ug/L	237505	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	90
5	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

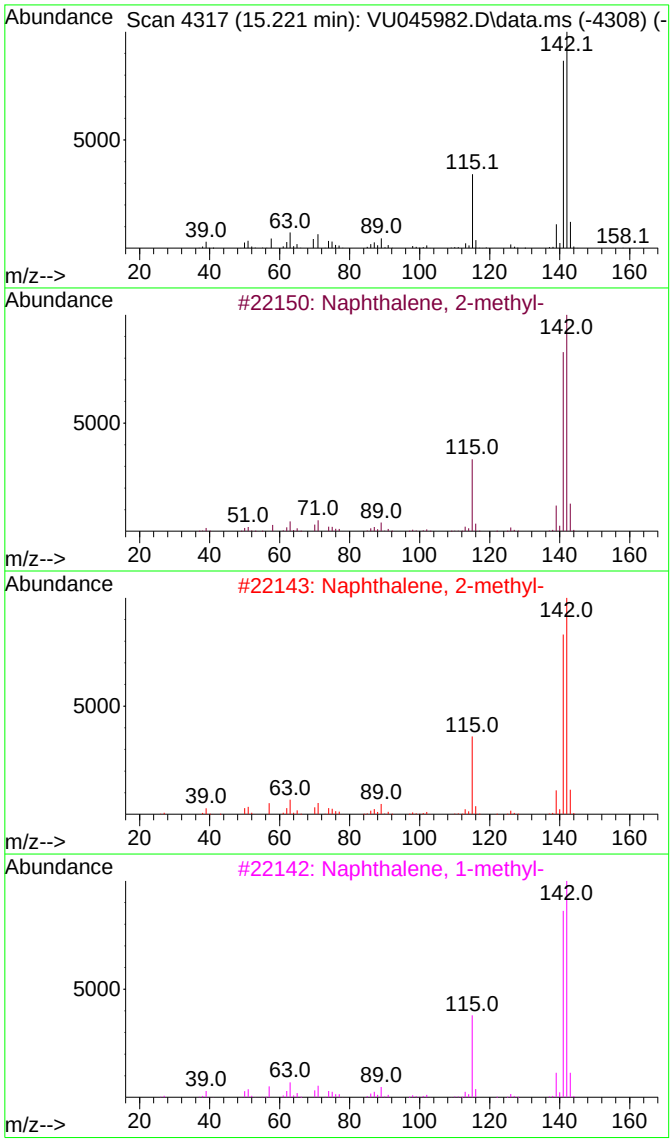
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

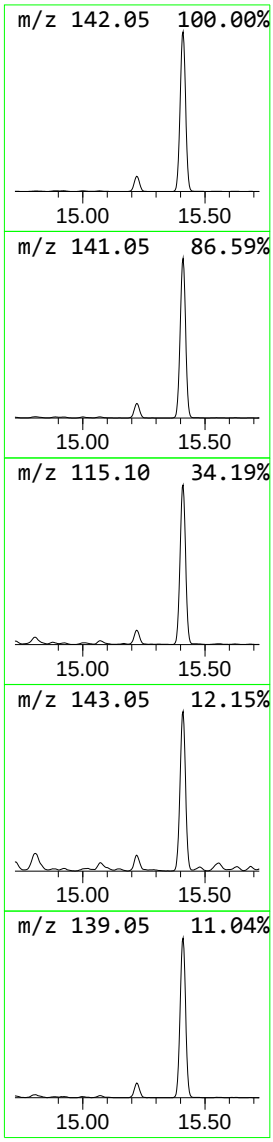
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Naphthalene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	5.12 ug/L	372649	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

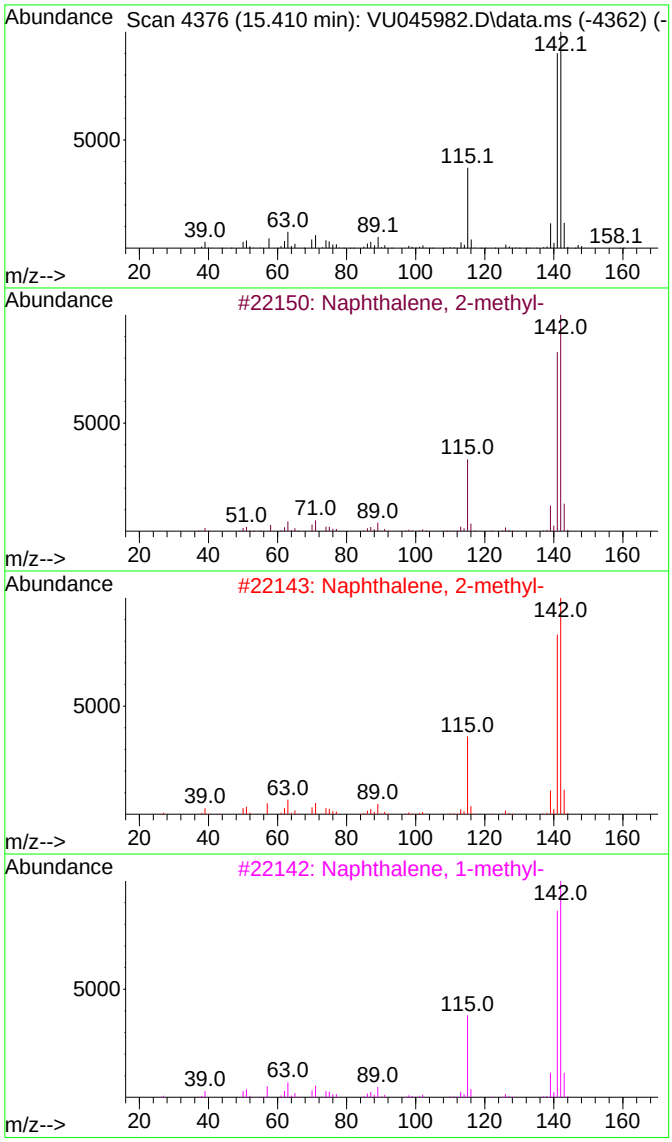
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

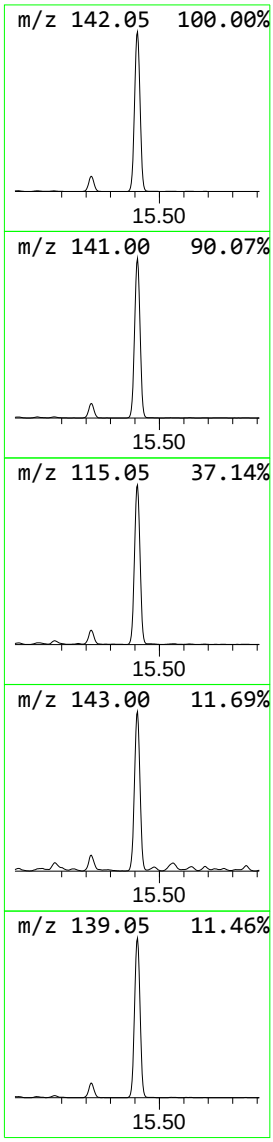
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	56.48 ug/L	4110200	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

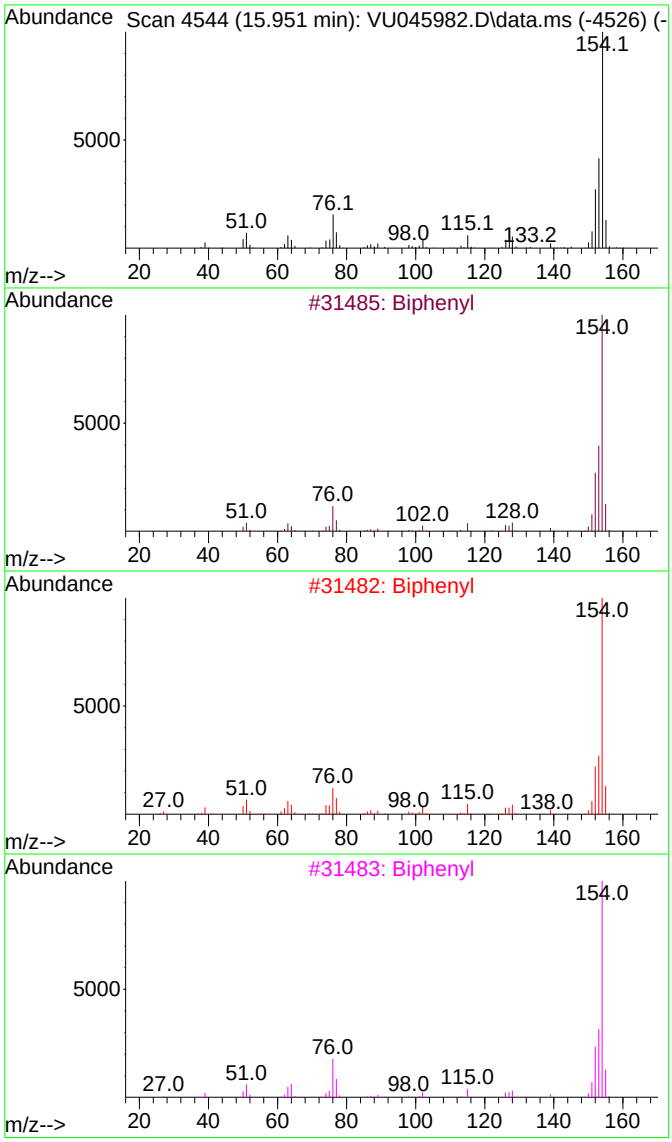
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

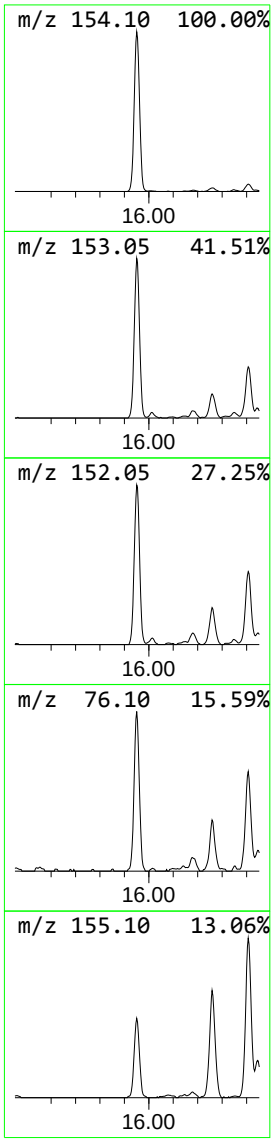
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Biphenyl Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	4.18 ug/L	304020	1,4-Dichlorobenzene-d4	11.812

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	94
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\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

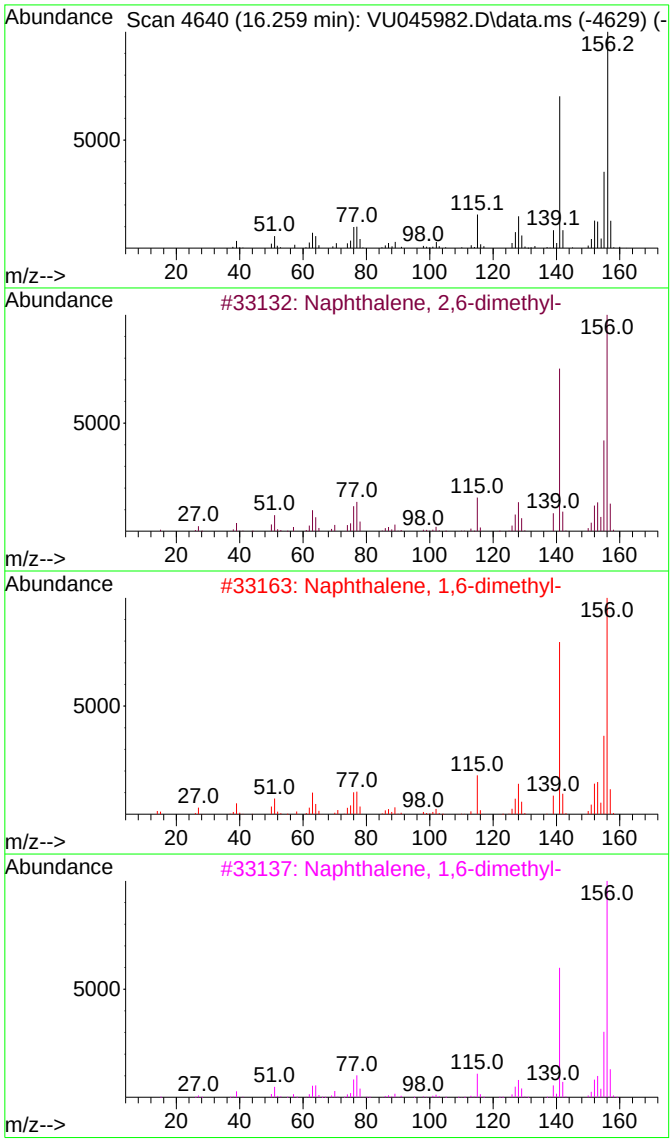
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

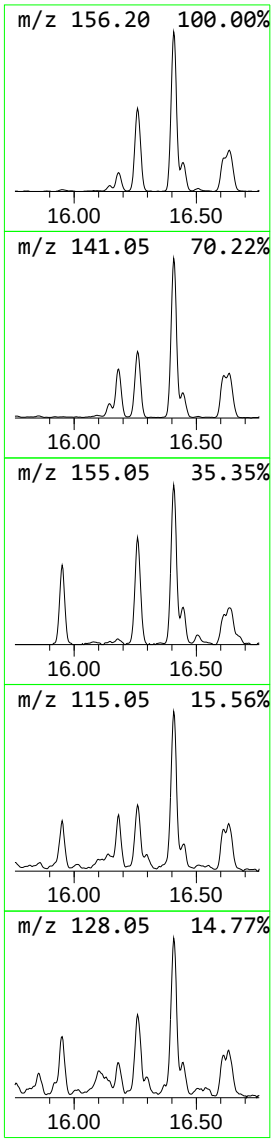
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Naphthalene, 2,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.259	2.94 ug/L	214228	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

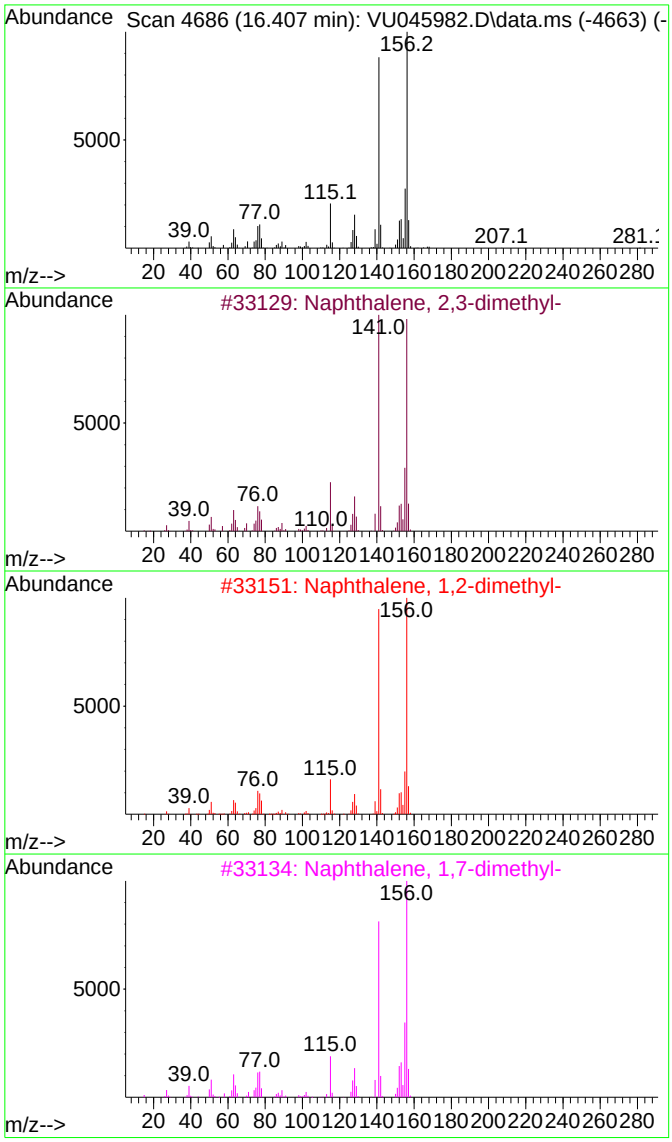
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

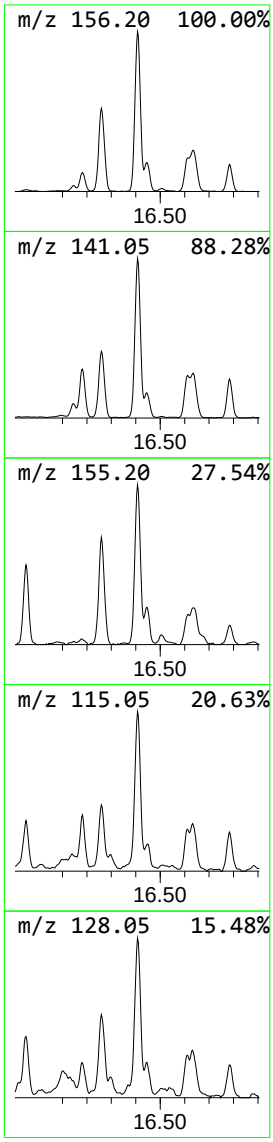
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	6.26 ug/L	455656	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

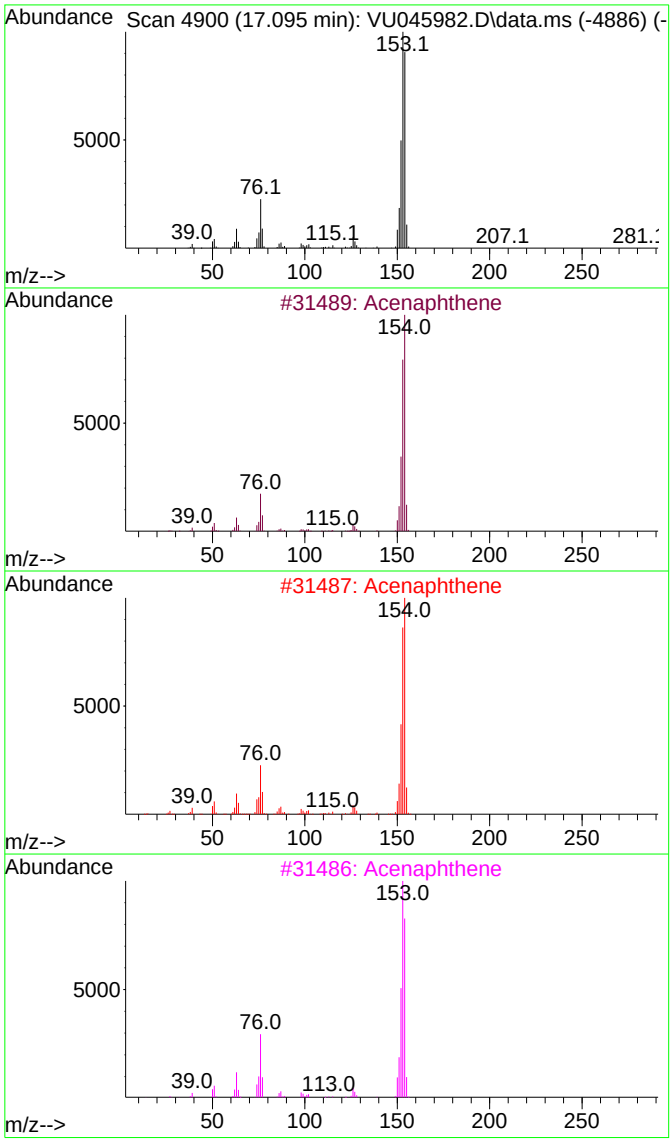
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

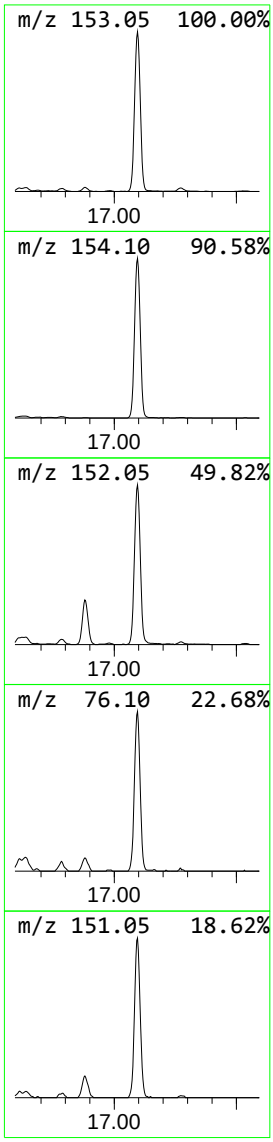
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Acenaphthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	7.34 ug/L	533881	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	Acenaphthene	154	C12H10	000083-32-9	90
3	Acenaphthene	154	C12H10	000083-32-9	89
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
Sample : M4722-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G64

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.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, propyl-	10.906	2.8	ug/L	200235	3	11.812	363872	5.0
Benzene, 1-ethy...	11.025	12.6	ug/L	920022	3	11.812	363872	5.0
Benzene, 1-ethy...	11.291	8.0	ug/L	582997	3	11.812	363872	5.0
Benzene, 1-ethe...	11.539	5.8	ug/L	422058	3	11.812	363872	5.0
Benzene, 1,2,3-...	11.896	12.7	ug/L	927218	3	11.812	363872	5.0
Benzene, 1-prop...	12.095	14.1	ug/L	1027450	3	11.812	363872	5.0
Indene	12.311	16.8	ug/L	1225890	3	11.812	363872	5.0
o-Cymene	12.465	3.1	ug/L	224832	3	11.812	363872	5.0
Benzene, 4-ethy...	12.571	6.8	ug/L	491710	3	11.812	363872	5.0
Indan, 1-methyl-	12.684	5.6	ug/L	408625	3	11.812	363872	5.0
Benzene, 2-ethe...	12.748	5.0	ug/L	363026	3	11.812	363872	5.0
p-Cymene	12.877	2.5	ug/L	185337	3	11.812	363872	5.0
Benzene, 1,2,3,...	12.973	4.1	ug/L	295943	3	11.812	363872	5.0
Benzene, 1,2,4,...	13.028	9.1	ug/L	661374	3	11.812	363872	5.0
3-Phenylbut-1-ene	13.156	3.2	ug/L	235496	3	11.812	363872	5.0
Benzene, 1-ethe...	13.295	5.9	ug/L	426648	3	11.812	363872	5.0
Benzene, 2-bute...	13.452	15.7	ug/L	1139970	3	11.812	363872	5.0
2-Methylindene	13.520	28.5	ug/L	2073780	3	11.812	363872	5.0
Benzene, (1-met...	13.626	36.1	ug/L	2630620	3	11.812	363872	5.0
Azulene	14.086	85.5	ug/L	6223100	3	11.812	363872	5.0
1H-Indene, 1,3-...	14.677	7.0	ug/L	511923	3	11.812	363872	5.0
1H-Indene, 4,7-...	14.726	2.5	ug/L	185674	3	11.812	363872	5.0
1H-Indene, 1,1-...	14.803	8.5	ug/L	619268	3	11.812	363872	5.0
Naphthalene, 1,...	15.073	3.3	ug/L	237505	3	11.812	363872	5.0
Naphthalene, 2-...	15.221	5.1	ug/L	372649	3	11.812	363872	5.0
Naphthalene, 1-...	15.410	56.5	ug/L	4110200	3	11.812	363872	5.0
Biphenyl	15.951	4.2	ug/L	304020	3	11.812	363872	5.0
Naphthalene, 2,...	16.259	2.9	ug/L	214228	3	11.812	363872	5.0
Naphthalene, 2,...	16.407	6.3	ug/L	455656	3	11.812	363872	5.0
Acenaphthene	17.095	7.3	ug/L	533881	3	11.812	363872	5.0