LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060024.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	84	95	112	rBV	52169	76529	5.75%	0.501%
2	1.927	183	198	213	rBV2	80408	192309	14.44%	1.260%
3	2.551	380	392	406	rBV	95948	154625	11.61%	1.013%
4	3.036	530	543	560	rBV2	17372	35323	2.65%	0.231%
5	3.988	818	839	860	rBV3	20581	55149	4.14%	0.361%
6	4.637	1029	1041	1078	rBV	67829	233159	17.50%	1.528%
7	5.052	1156	1170	1195	rBV	97274	218559	16.41%	1.432%
8	5.377	1258	1271	1285	rVB2	13572	29438	2.21%	0.193%
9	5.714	1358	1376	1384	rBV2	197467	498897	37.45%	3.269%
10	5.766	1385	1392	1413	rVB	238158	473782	35.57%	3.104%
11	6.242	1527	1540	1569	rBV	164851	326402	24.50%	2.139%
12	6.563	1630	1640	1659	rVB9	6244	15862	1.19%	0.104%
13	6.682	1663	1677	1690	rBV	119753	237984	17.87%	1.559%
14	6.753	1691	1699	1712	rVB4	20775	43702	3.28%	0.286%
15	7.560	1939	1950	1965	rBV2	55679	98867	7.42%	0.648%
16	7.891	2041	2053	2071	rBV	223224	389732	29.26%	2.554%
17	8.177	2128	2142	2155	rBV	33018	58028	4.36%	0.380%
18	8.550	2248	2258	2269	rVB2	20747	34438	2.59%	0.226%
19	8.634	2269	2284	2320	rBV2	297258	675477	50.71%	4.426%
20	9.415	2515	2527	2528	rVV	258594	322241	24.19%	2.111%
21	9.441	2530	2535	2554	rVB	481339	758049	56.91%	4.967%
22	9.570	2565	2575	2582	rBV2	8893	16939	1.27%	0.111%
23	9.669	2593	2606	2625	rVB7	34602	75985	5.70%	0.498%
24	9.875	2660	2670	2680	rBV6	8575	14620	1.10%	0.096%
25	10.267	2783	2792	2802	rVB4	9374	13724	1.03%	0.090%
26	10.480	2846	2858	2879	rBV	260279	418194	31.40%	2.740%
27	10.692	2914	2924	2932	rBV8	9357	16348	1.23%	0.107%
28	10.753	2932	2943	2955	rVV	123358	208135	15.63%	1.364%
29	10.901	2974	2989	3009	rBV	433081	689405	51.76%	4.517%
30	11.090	3036	3048	3057	rBV2	16992	28036	2.10%	0.184%
31	11.290	3097	3110	3128	rVB	41110	73734	5.54%	0.483%
32	11.415	3128	3149	3155	rBV7	9291	22228	1.67%	0.146%
33	11.467	3155	3165	3178	rVB	16134	29577	2.22%	0.194%
34	11.634	3198	3217	3231	rBV4	123295	236904	17.79%	1.552%
35	11.807	3258	3271	3288	rBV	272600	486842	36.55%	3.190%
36	11.891	3288	3297	3310	rVV	53068	81298	6.10%	0.533%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YDZF0DL

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

37	12.004	3321	3332	3341	rVB	21117	34120	2.56%	0.224%
38	12.090	3344	3359	3377	rBV	852291	1332020	100.00%	8.727%
39	12.200	3377	3393	3411	rVV3	403936	1018040	76.43%	6.670%
40	12.296	3412	3423	3435	rVV	47381	74217	5.57%	0.486%
41	12.373	3438	3447	3460	rVB	28015	45099	3.39%	0.295%
42	12.473	3464	3478	3492	rBV3	15909	37392	2.81%	0.245%
43	12.566	3494	3507	3513	rVV	179732	272794	20.48%	1.787%
44	12.605	3513	3519	3530	rVV	126358	202332	15.19%	1.326%
45	12.676	3530	3541	3560	rVV2	347241	645503	48.46%	4.229%
46	12.759	3560	3567	3578	rVB6	14348	23967	1.80%	0.157%
47	12.859	3589	3598	3615	rVB3	32800	58368	4.38%	0.382%
48	12.968	3615	3632	3642	rBV	130130	213973	16.06%	1.402%
49	13.023	3642	3649	3659	rVB3	11854	19298	1.45%	0.126%
50	13.106	3666	3675	3688	rVB5	15799	29551	2.22%	0.194%
51	13.245	3707	3718	3724	rVV3	28671	53061	3.98%	0.348%
52	13.290	3724	3732	3750	rVB	112544	189108	14.20%	1.239%
53	13.447	3757	3781	3793	rBV3	578841	1007228	75.62%	6.599%
54	13.618	3823	3834	3846	rBV	191761	301789	22.66%	1.977%
55	13.730	3861	3869	3876	rBV5	13956	22314	1.68%	0.146%
56	13.778	3876	3884	3892	rVB3	28403	44276	3.32%	0.290%
57	13.833	3892	3901	3910	rBV3	50444	81840	6.14%	0.536%
58	13.904	3916	3923	3927	rBV3	22236	33747	2.53%	0.221%
59	13.936	3928	3933	3948	rVB3	54169	102202	7.67%	0.670%
60	14.081	3958	3978	4000	rBV	257827	452851	34.00%	2.967%
61	14.184	4000	4010	4024	rBV2	26131	43171	3.24%	0.283%
62	14.280	4024	4040	4051	rVV2	45264	83869	6.30%	0.550%
63	14.341	4051	4059	4069	rVB2	23601	37566	2.82%	0.246%
64	14.479	4090	4102	4121	rBV	51013	92216	6.92%	0.604%
65	14.573	4121	4131	4147	rBV	9512	17283	1.30%	0.113%
66	14.669	4147	4161	4176	rBV4	70458	184419	13.85%	1.208%
67	14.804	4195	4203	4214	rVV	19808	32496	2.44%	0.213%
68	14.868	4214	4223	4236	rVB2	47455	76238	5.72%	0.500%
69	15.010	4256	4267	4280	rBV3	43230	73603	5.53%	0.482%
70	15.219	4316	4332	4343	rBV	293619	487861	36.63%	3.196%
71	15.405	4377	4390	4403	rBV	281873	451229	33.88%	2.956%
72	16.257	4647	4655	4667	rBV5	11888	21507	1.61%	0.141%
73	16.405	4692	4701	4708	rBV3	16825	25576	1.92%	0.168%

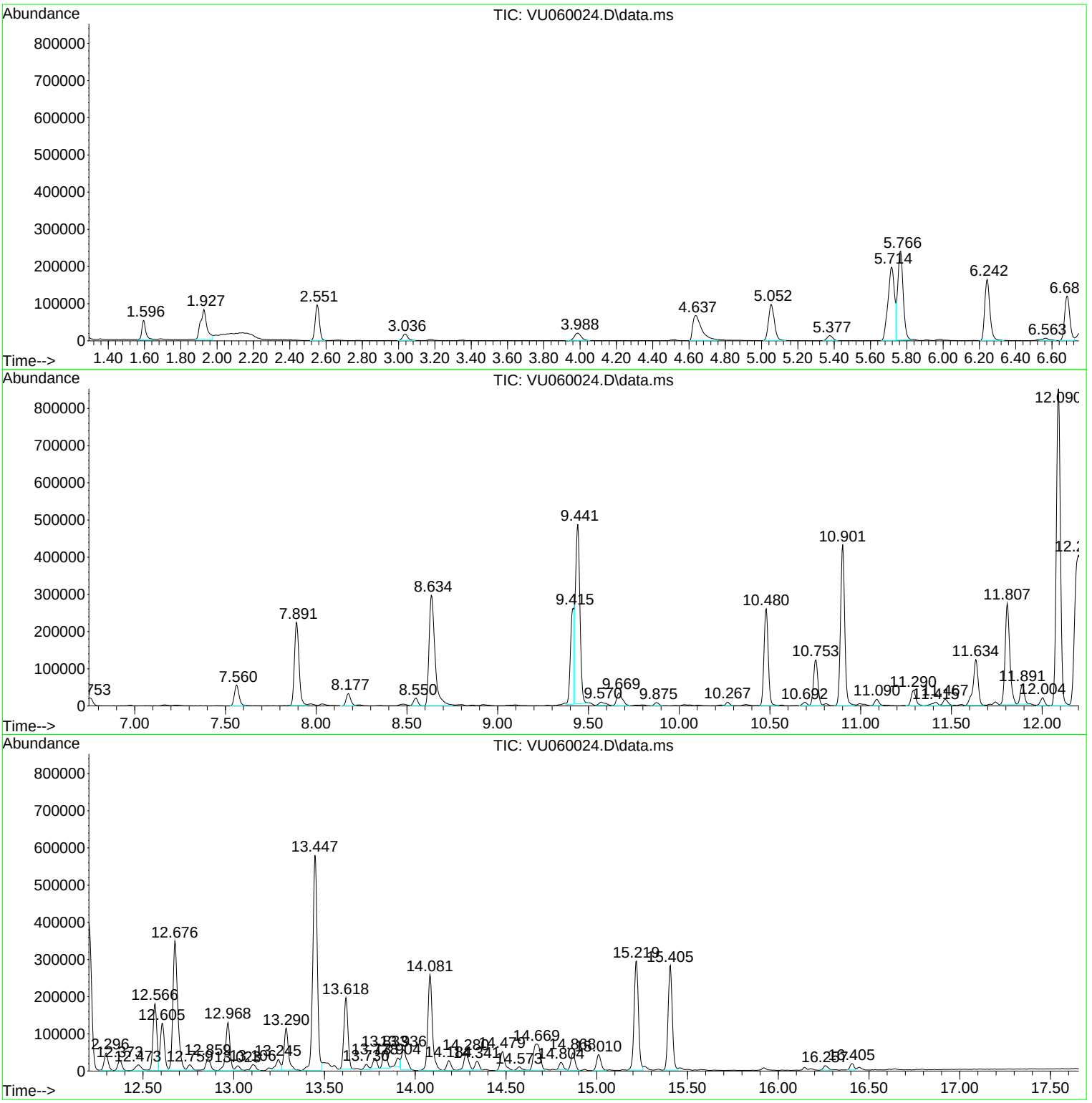
Sum of corrected areas: 15262645

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

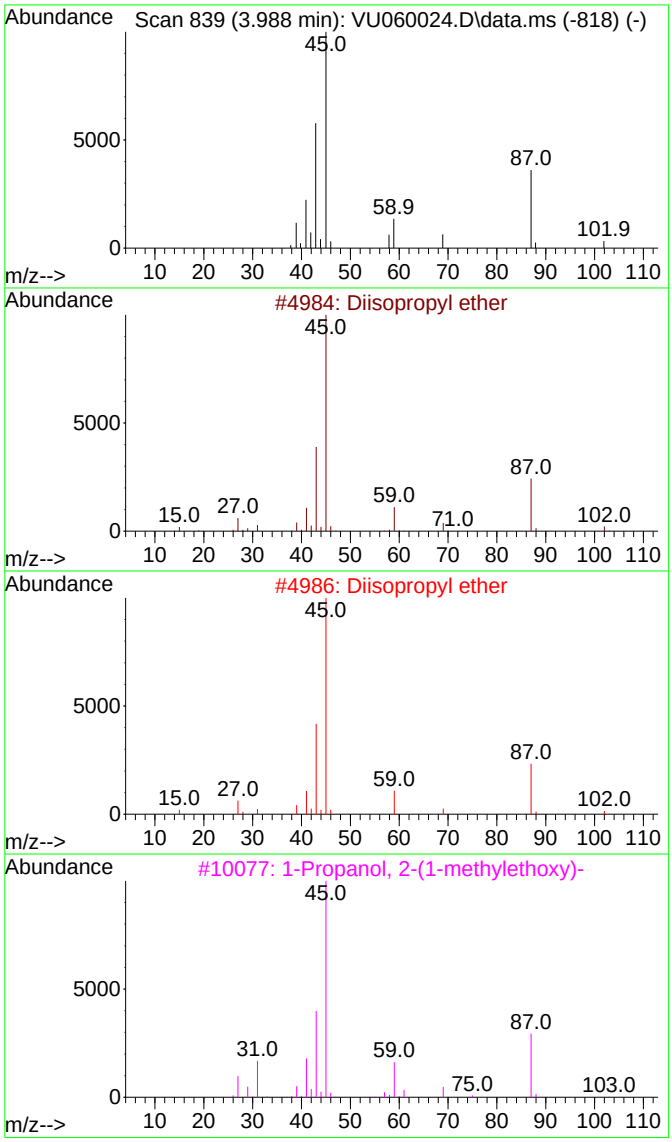
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

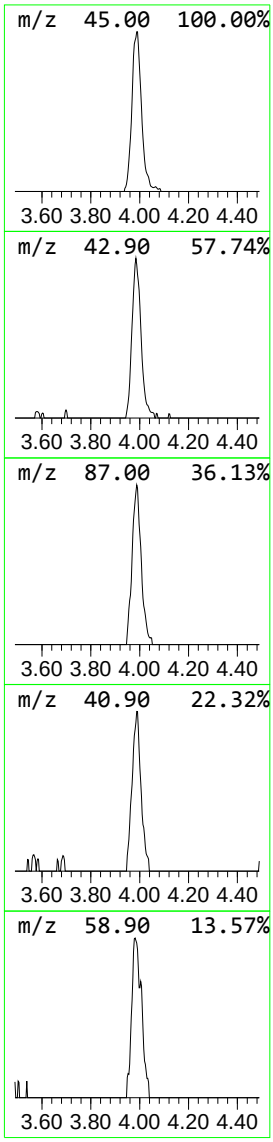
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Diisopropyl ether Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.988	0.84 ug/L	55149	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	90
2	Diisopropyl ether	102	C6H14O	000108-20-3	90
3	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
4	Diisopropyl ether	102	C6H14O	000108-20-3	64
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

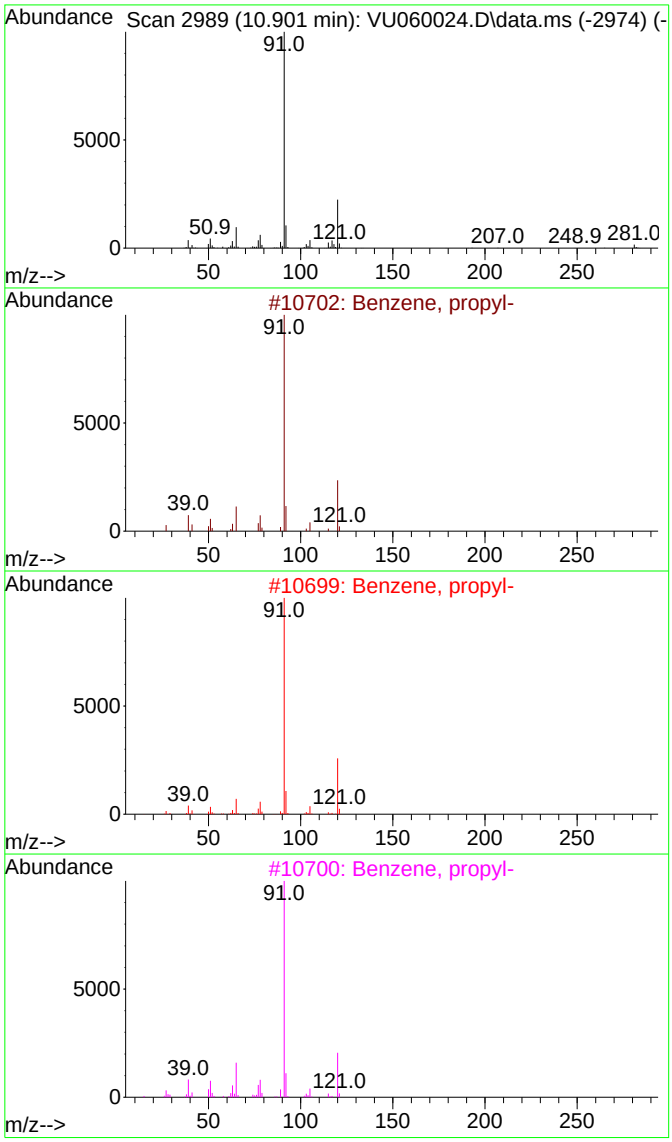
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

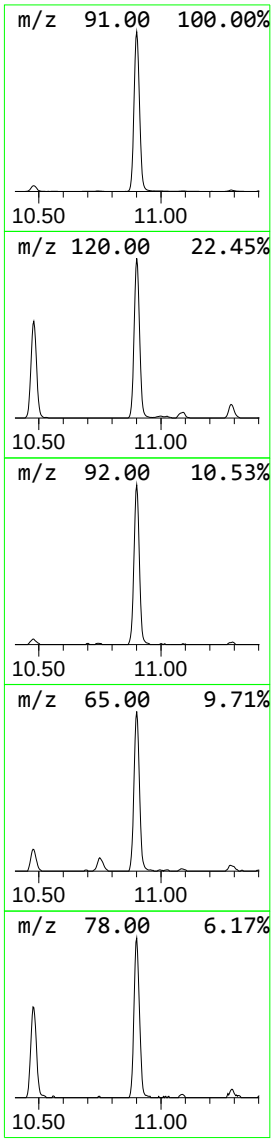
****

Peak Number 4 Benzene, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.901	7.08 ug/L	689405	1,4-Dichlorobenzene-d4	11.807

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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

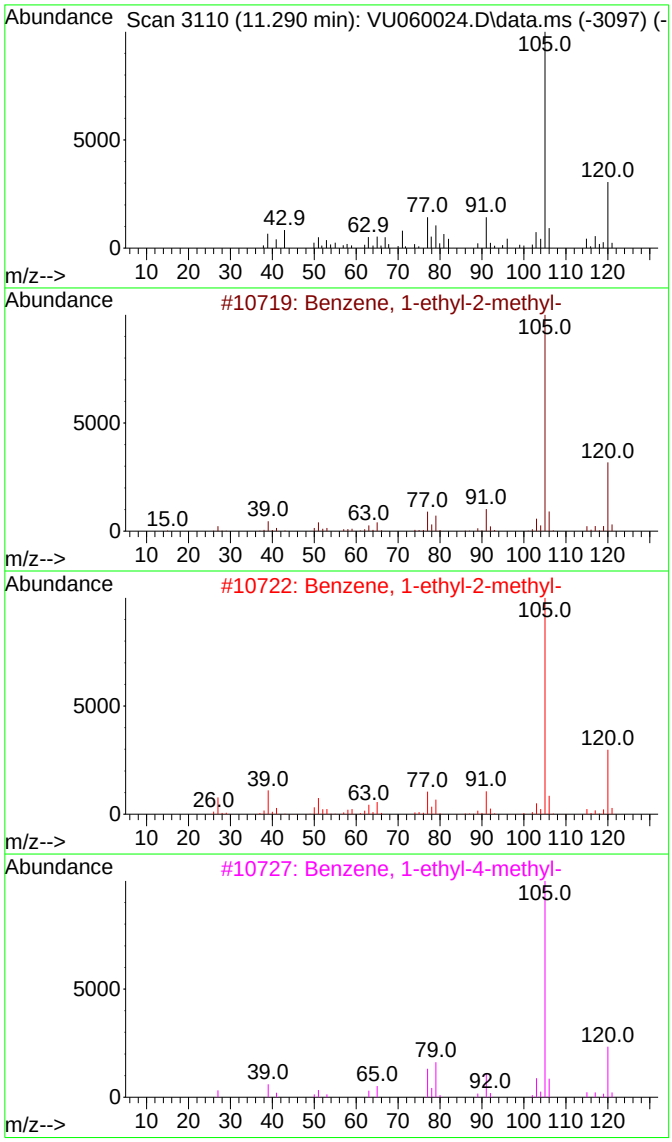
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

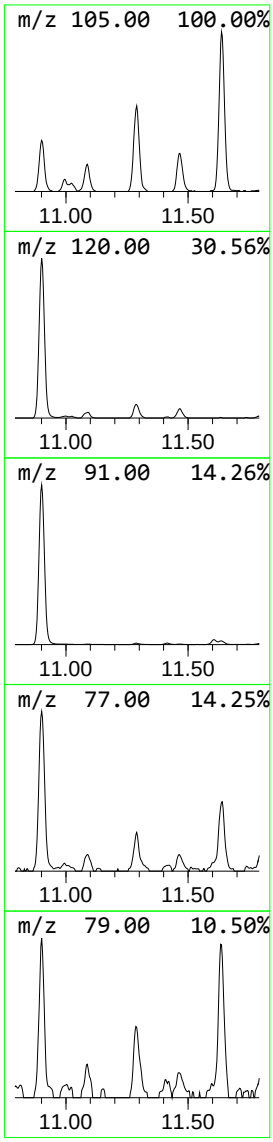
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	0.76 ug/L	73734	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

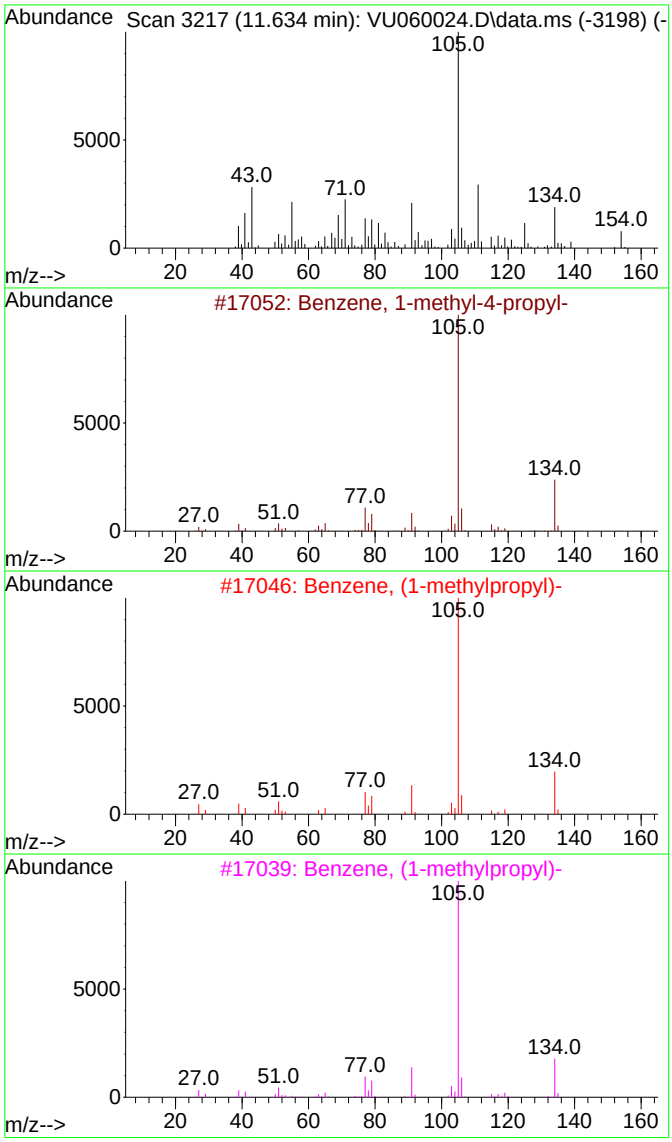
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

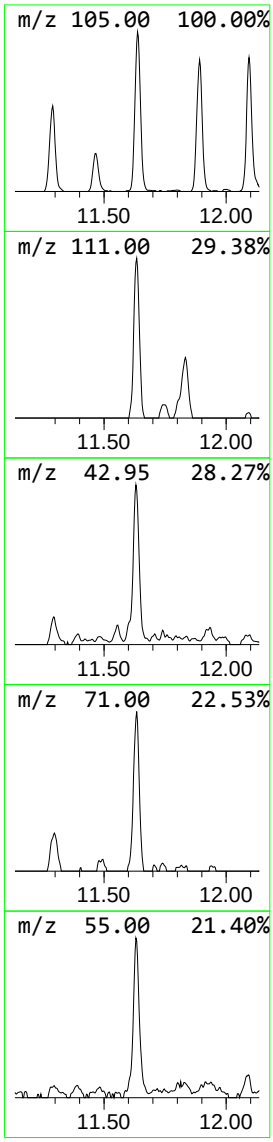
****

Peak Number 6 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.634	2.43 ug/L	236904	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

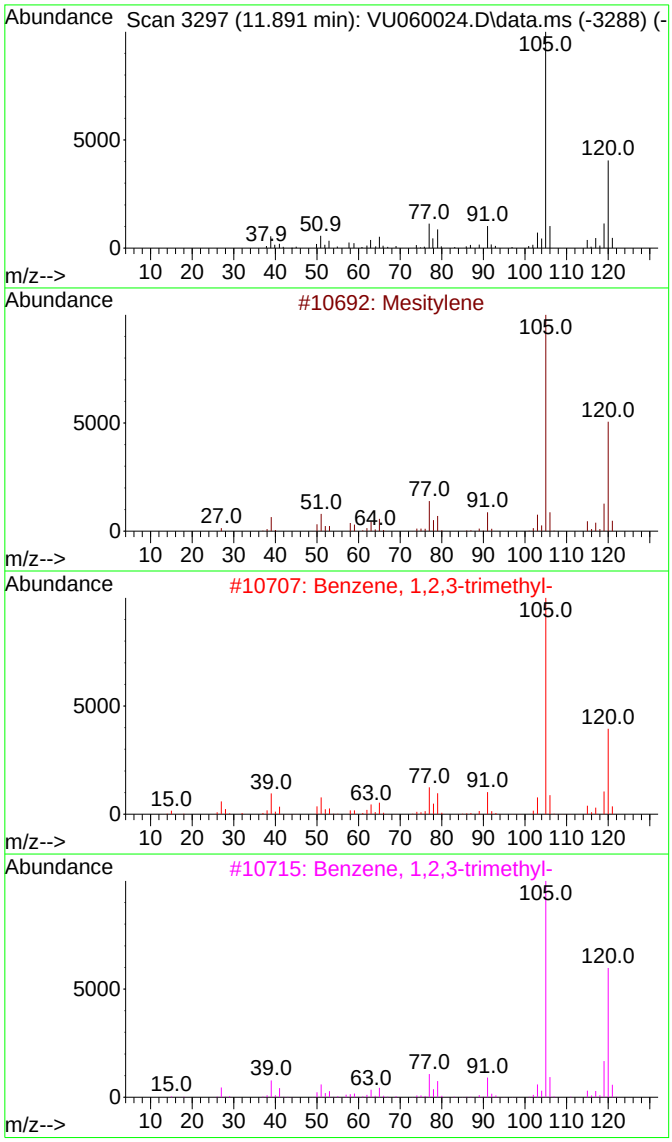
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

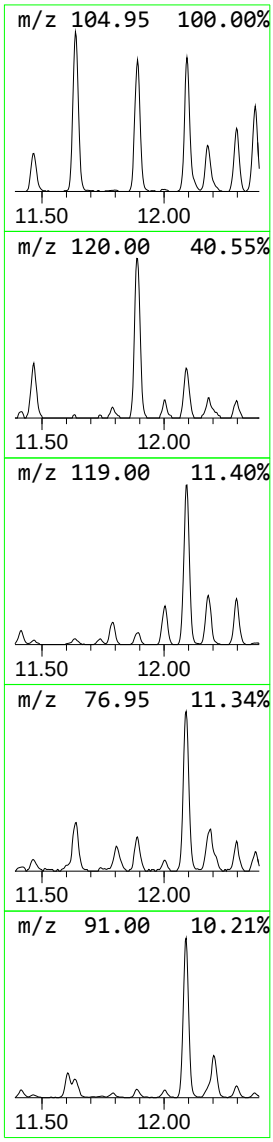
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	0.83 ug/L	81298	1,4-Dichlorobenzene-d4	11.807

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

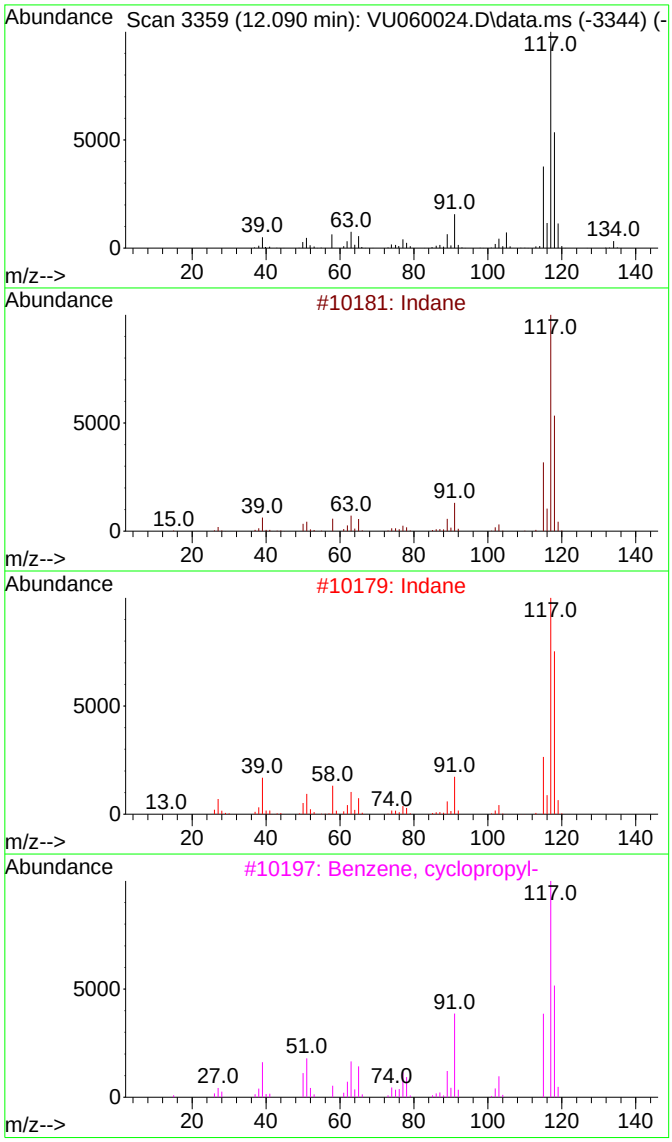
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

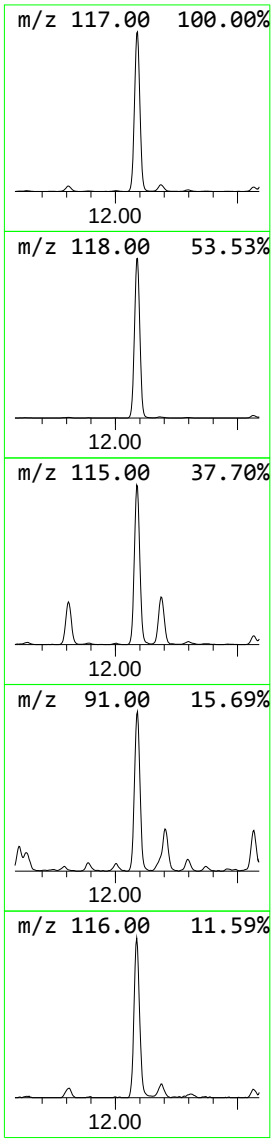
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	13.68 ug/L	1332020	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

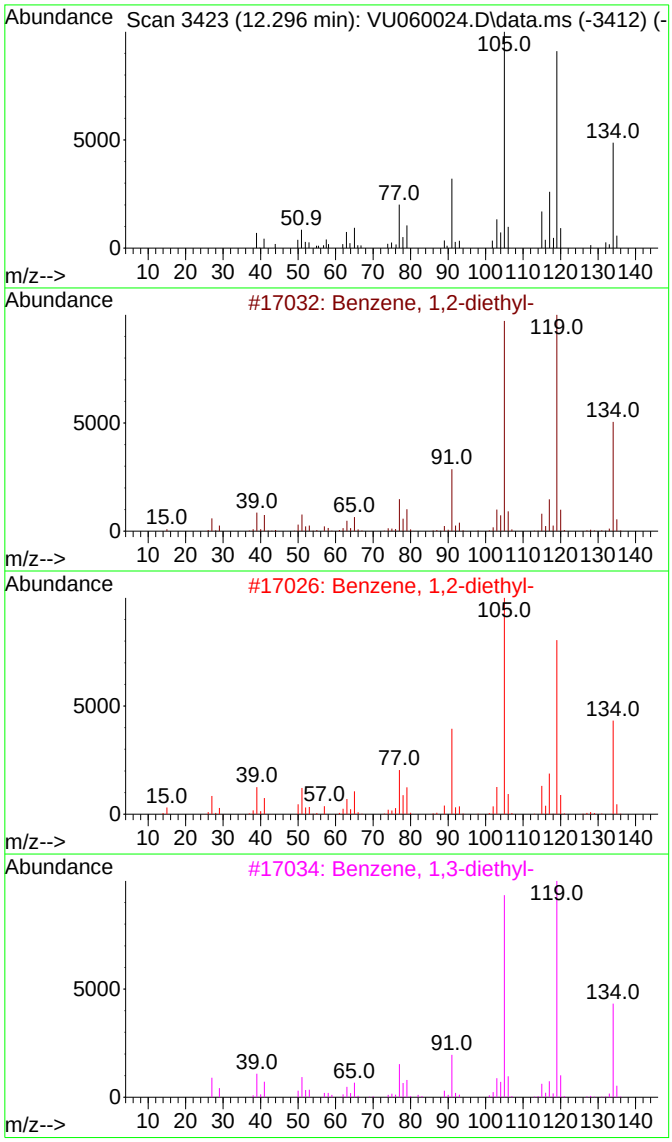
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

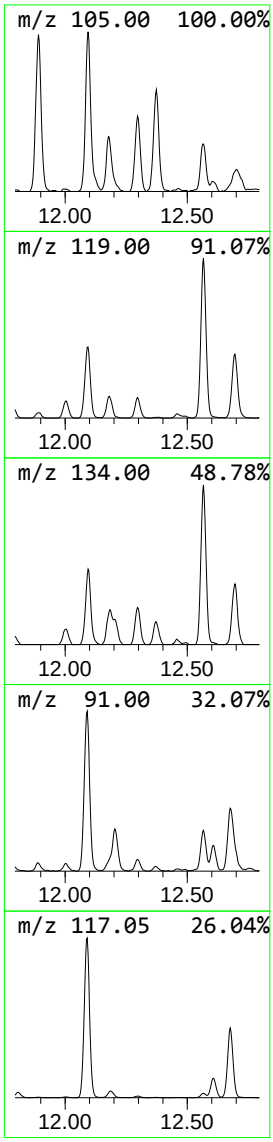
****

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.296	0.76 ug/L	74217	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

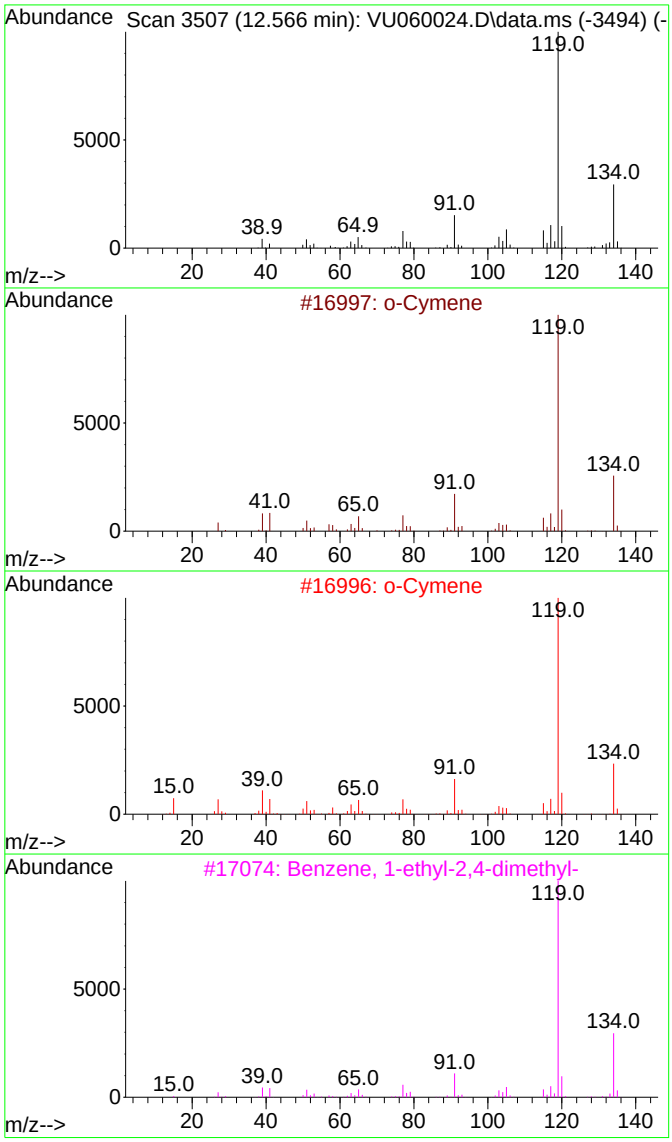
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

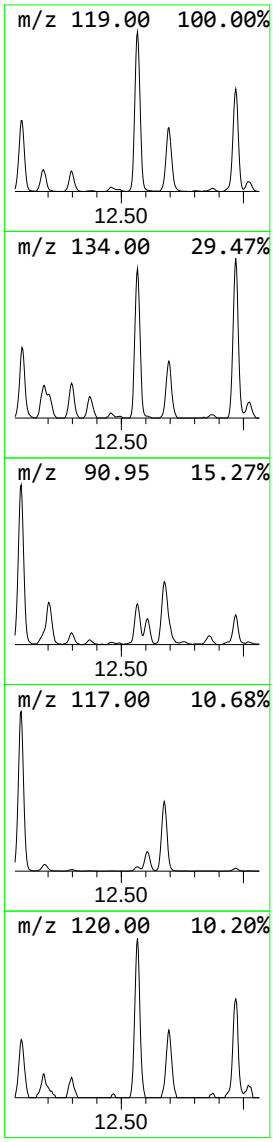
****

Peak Number 10 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	2.80 ug/L	272794	1,4-Dichlorobenzene-d4	11.807

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	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

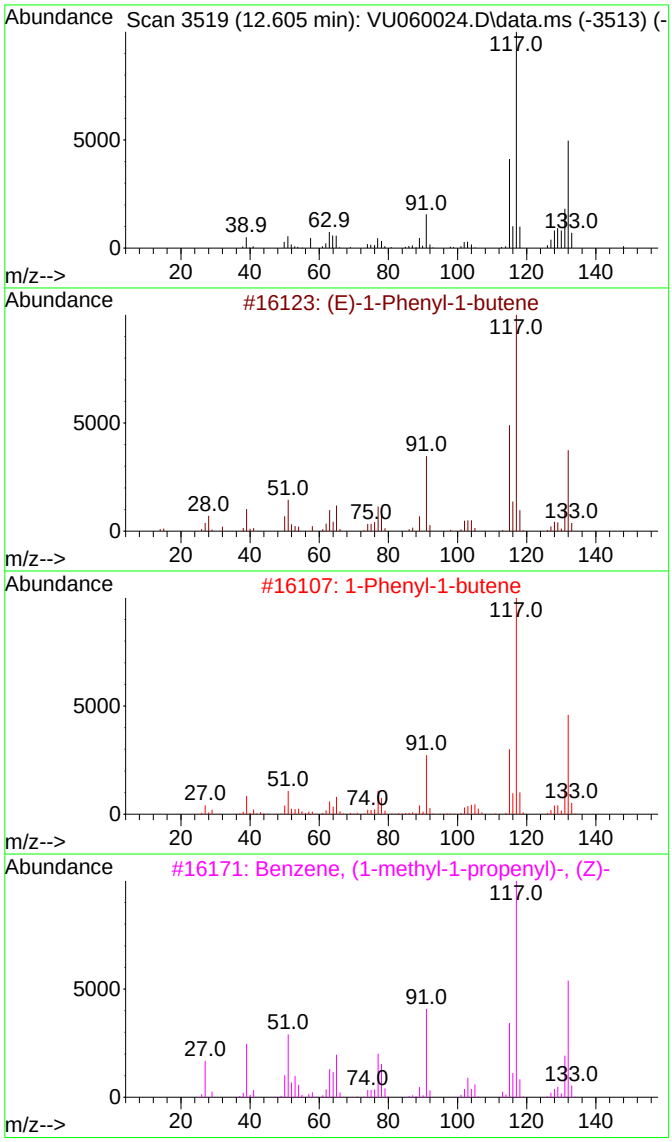
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

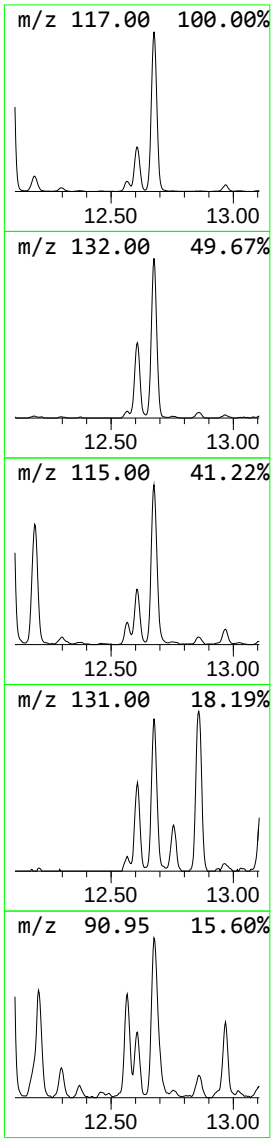
****

Peak Number 11 (E)-1-Phenyl-1-butene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.605	2.08 ug/L	202332	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

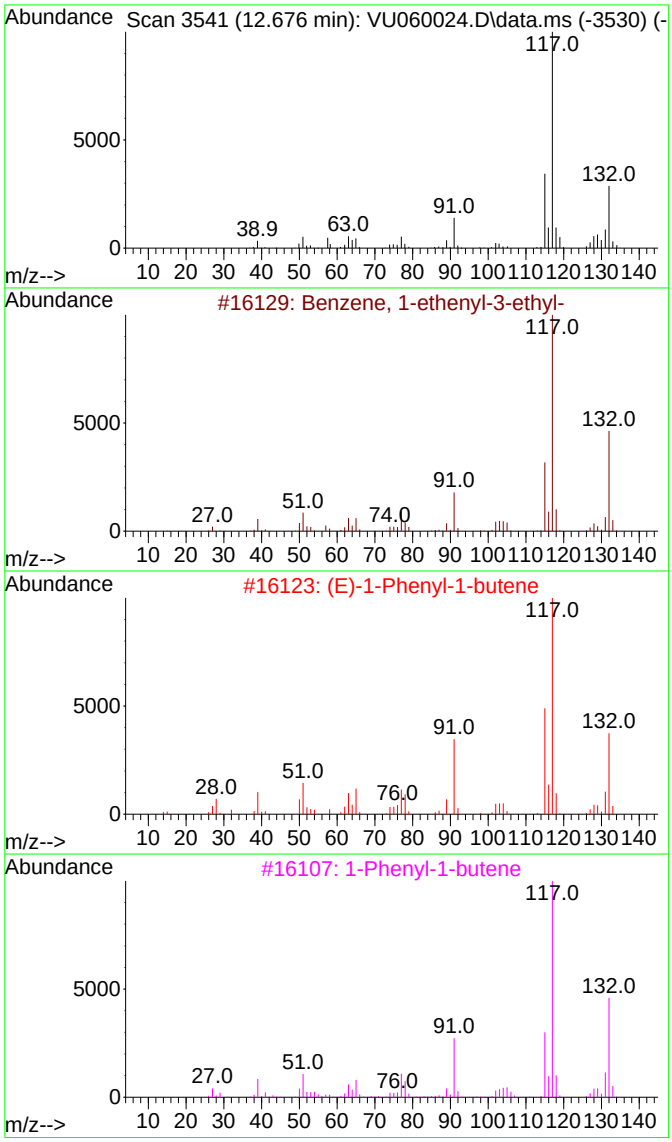
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

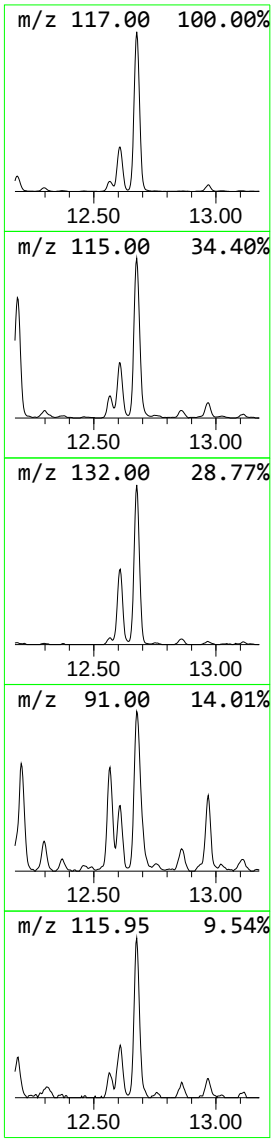
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	6.63 ug/L	645503	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

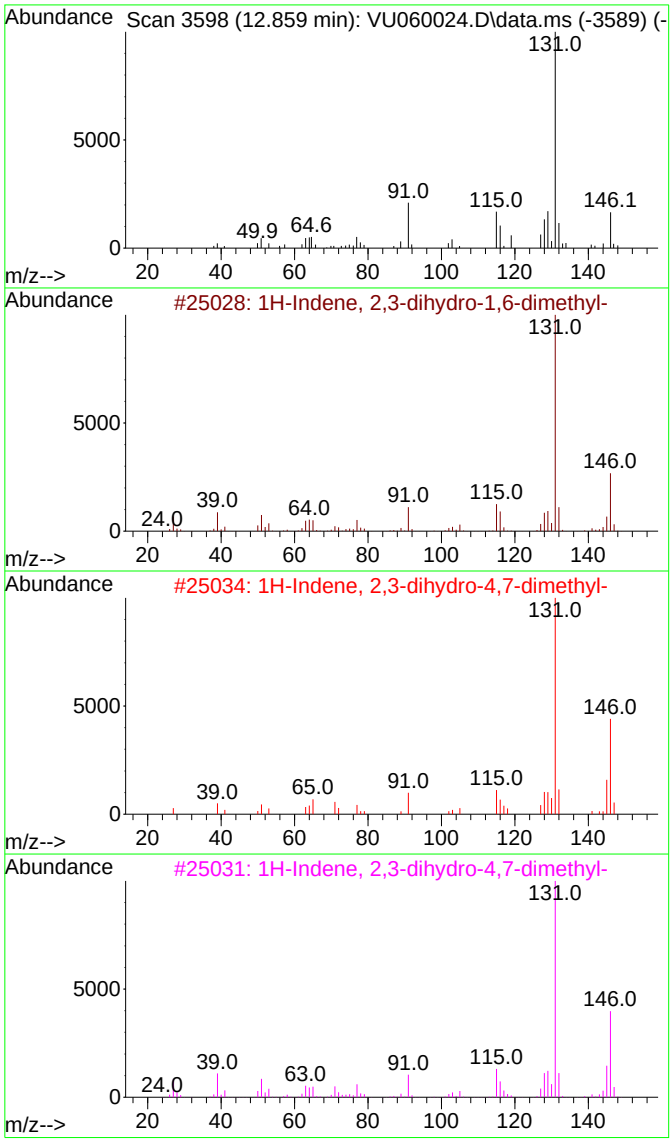
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

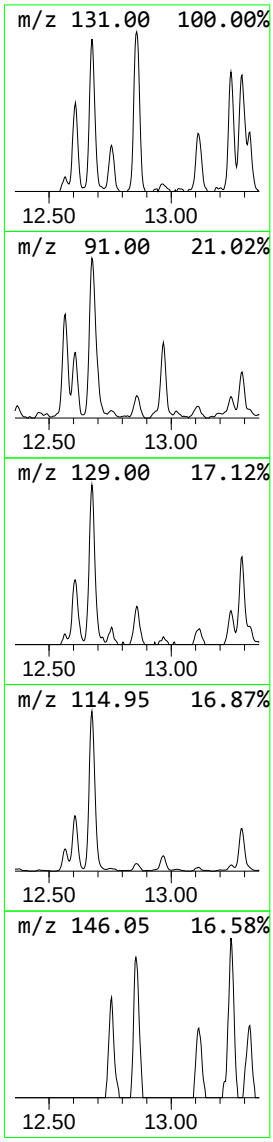
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	0.60 ug/L	58368	1,4-Dichlorobenzene-d4	11.807

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-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

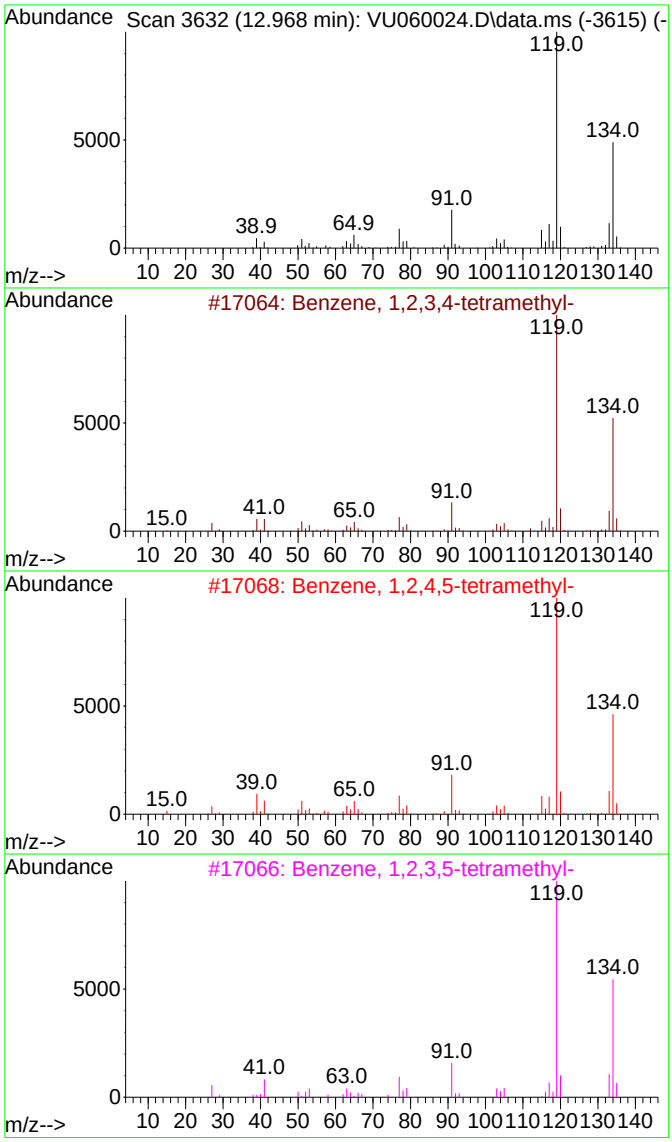
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

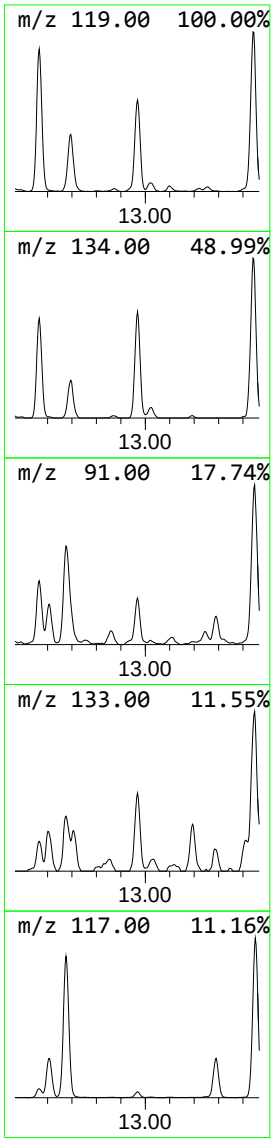
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	2.20 ug/L	213973	1,4-Dichlorobenzene-d4	11.807

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\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

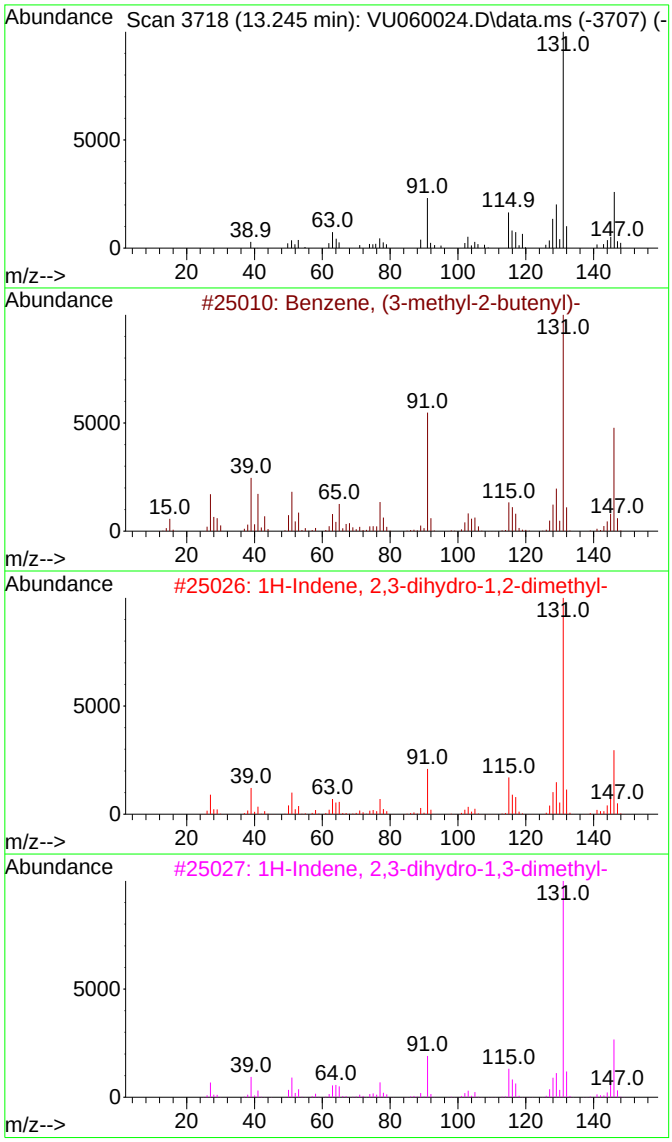
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

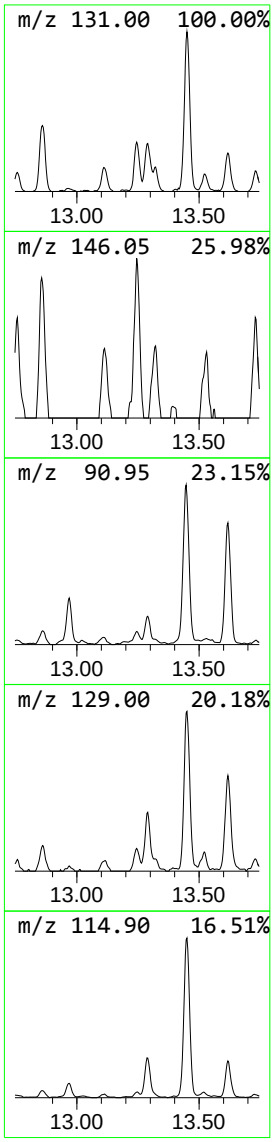
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (3-methyl-2-butenyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	0.54 ug/L	53061	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

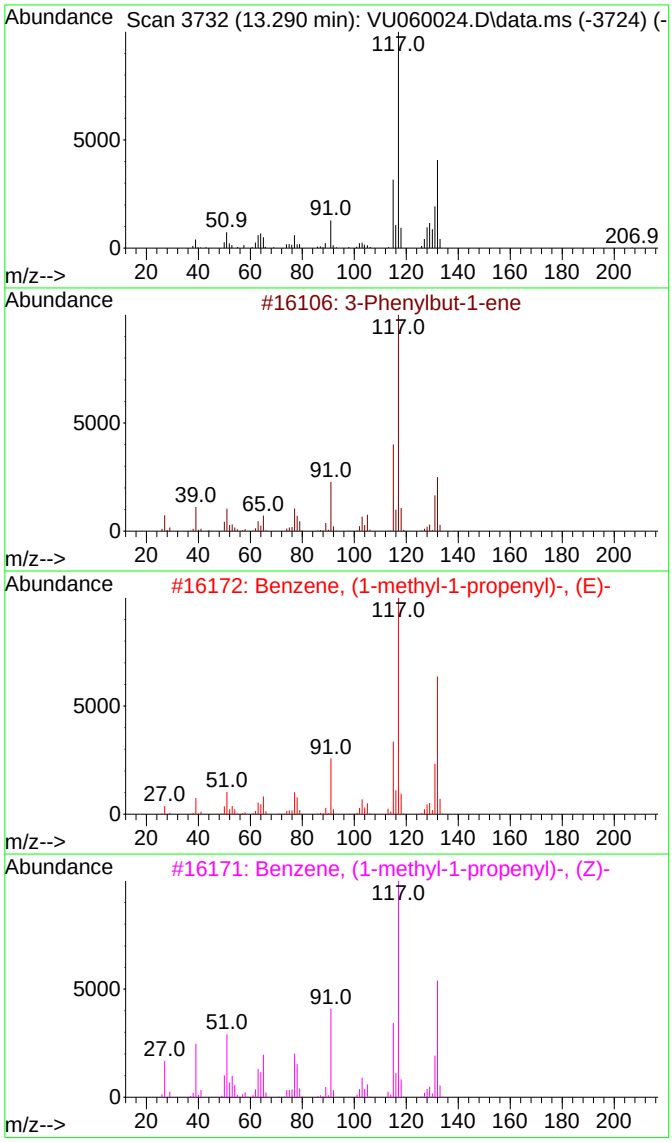
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

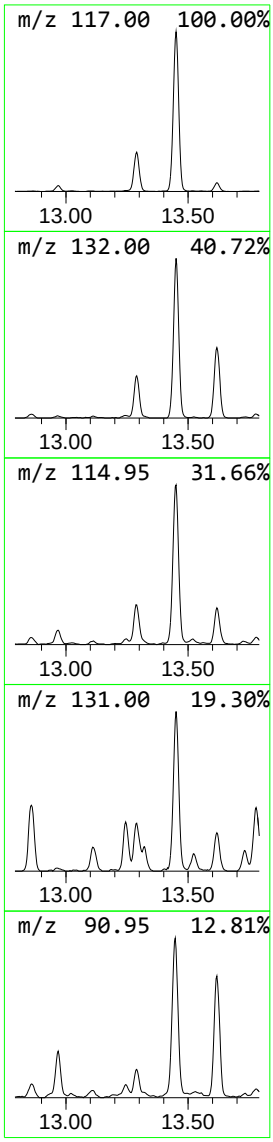
****

Peak Number 16 3-Phenylbut-1-ene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.290	1.94 ug/L	189108	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

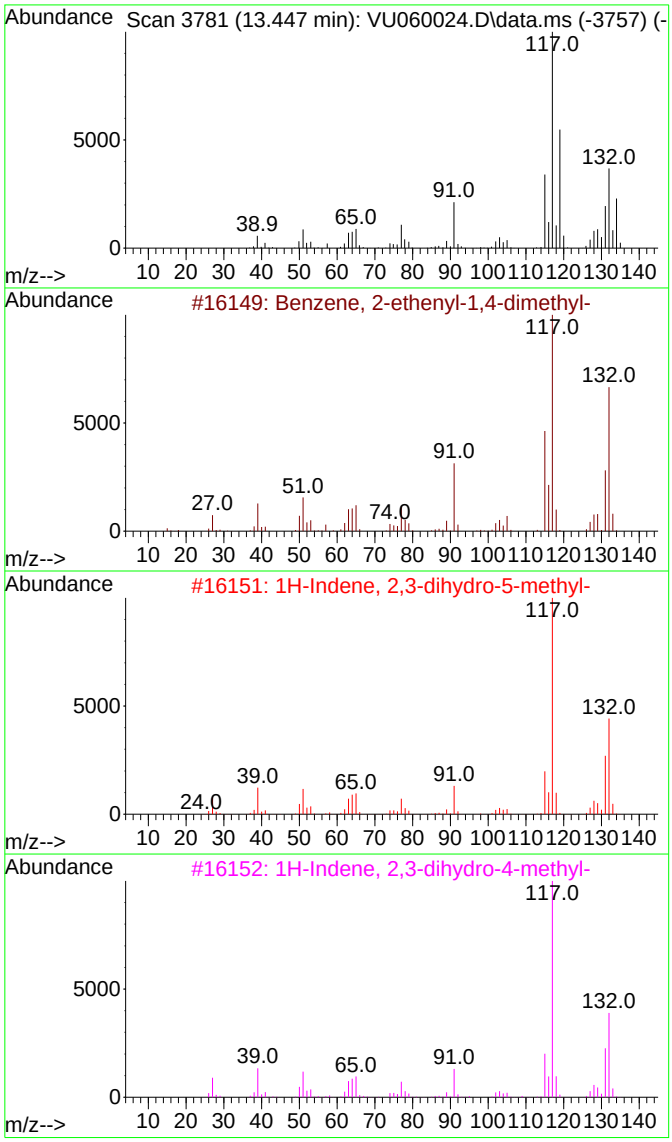
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

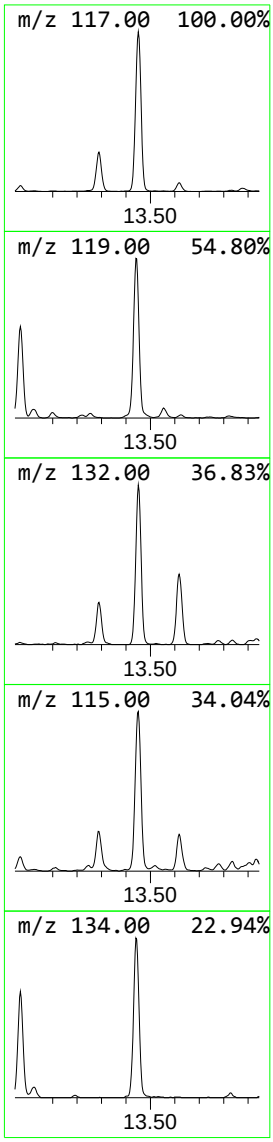
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	10.34 ug/L	1007230	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

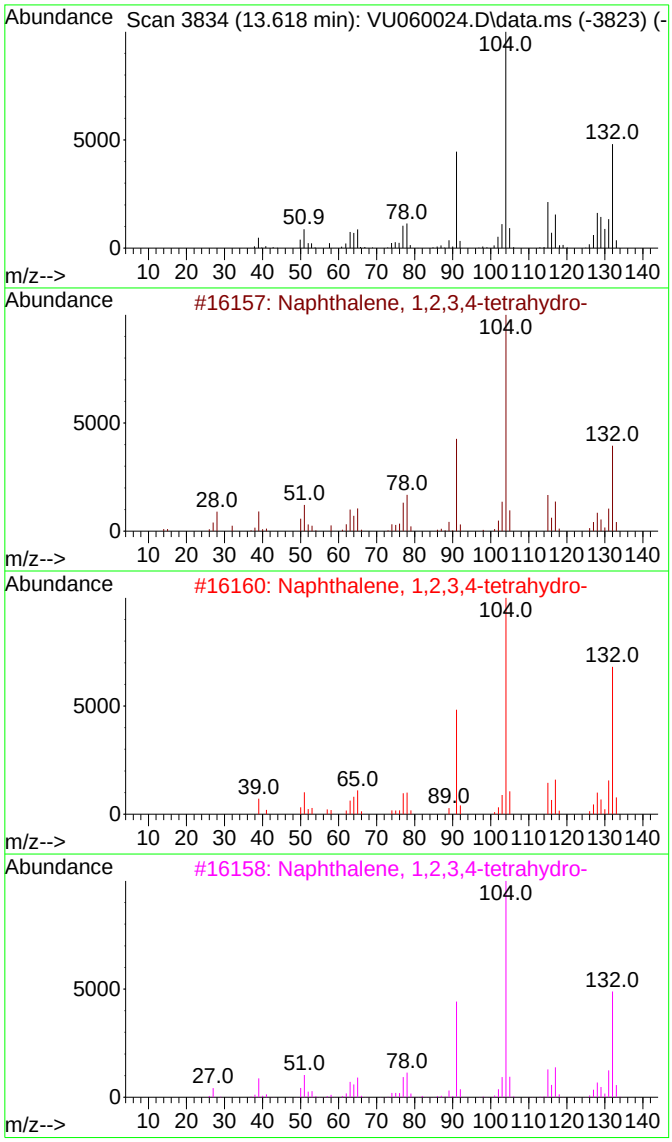
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

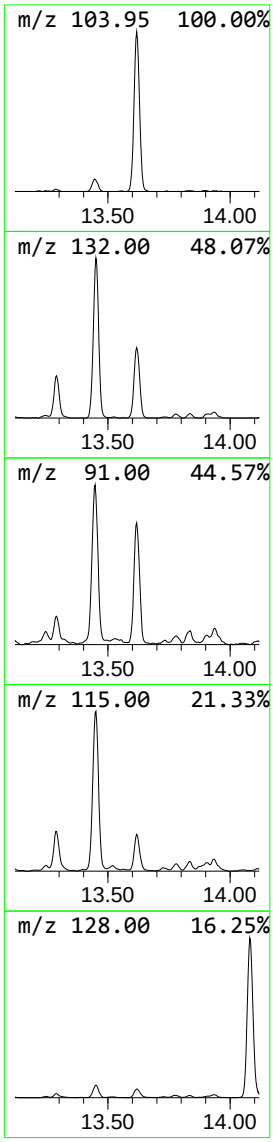
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	3.10 ug/L	301789	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

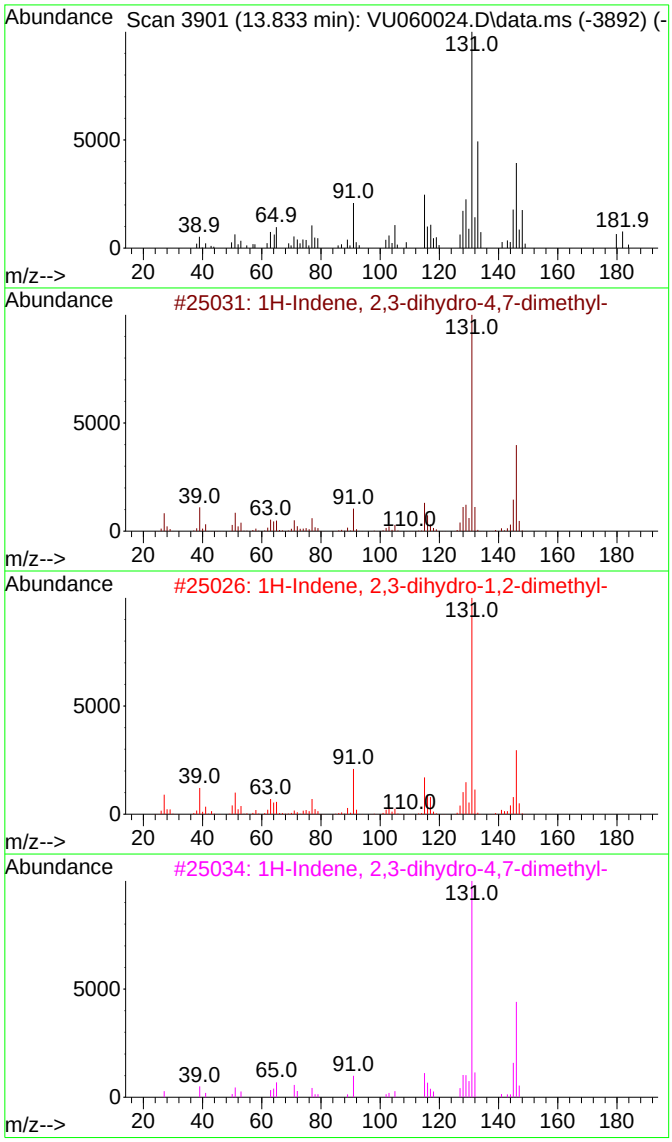
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

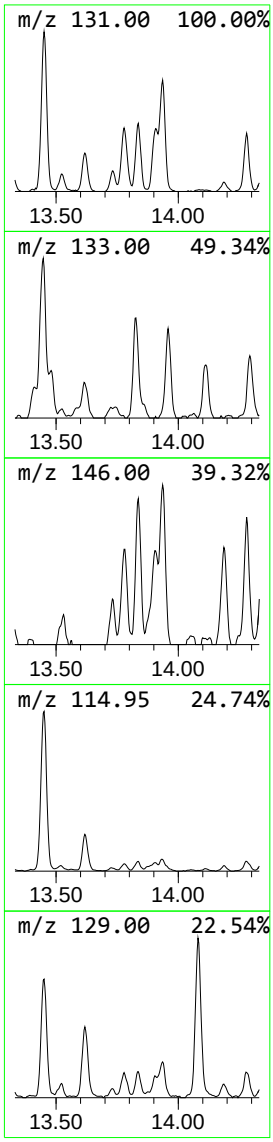
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	0.84 ug/L	81840	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

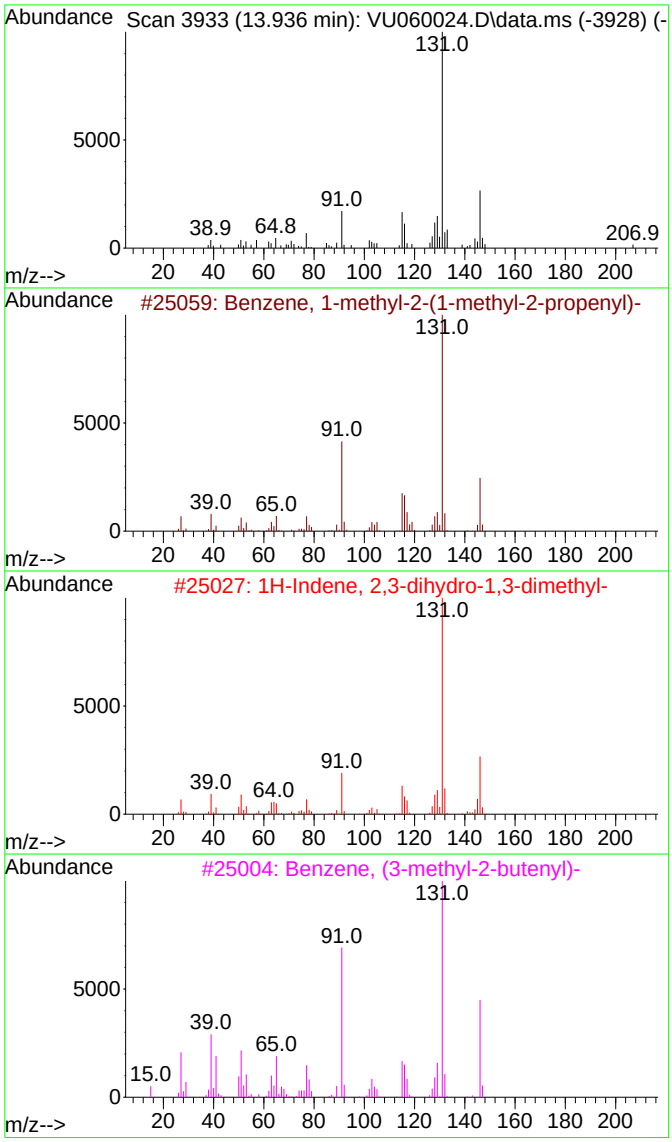
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

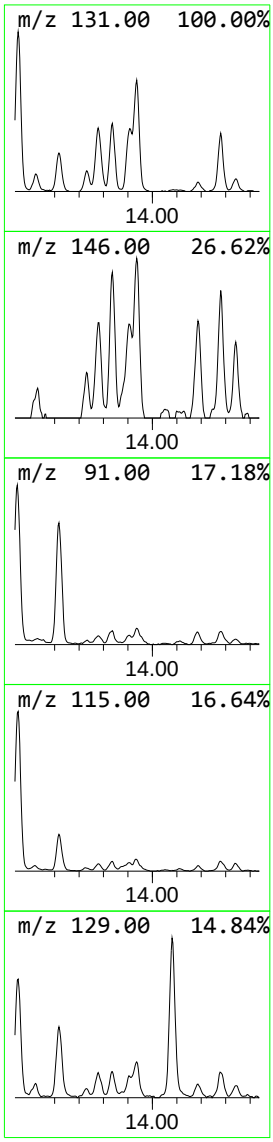
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-methyl-2-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.936	1.05 ug/L	102202	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

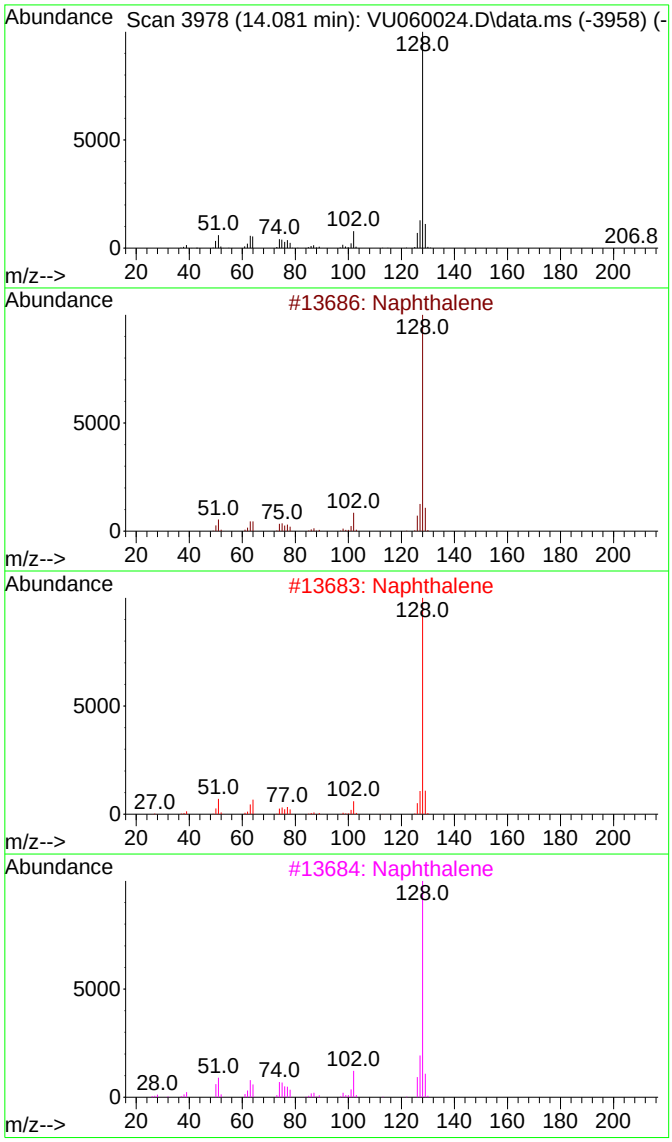
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

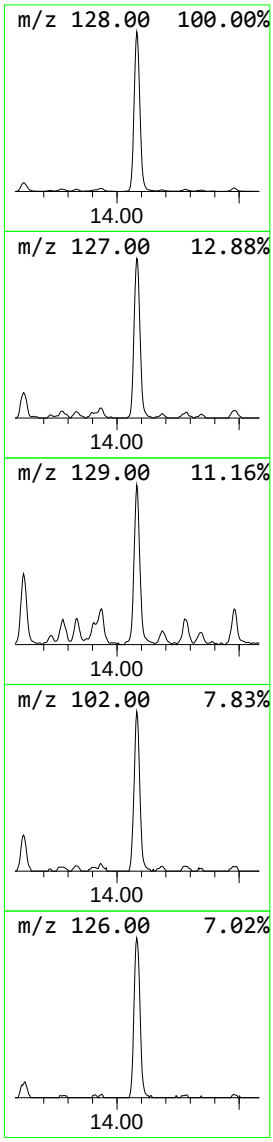
****

Peak Number 21 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	4.65 ug/L	452851	1,4-Dichlorobenzene-d4	11.807

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\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

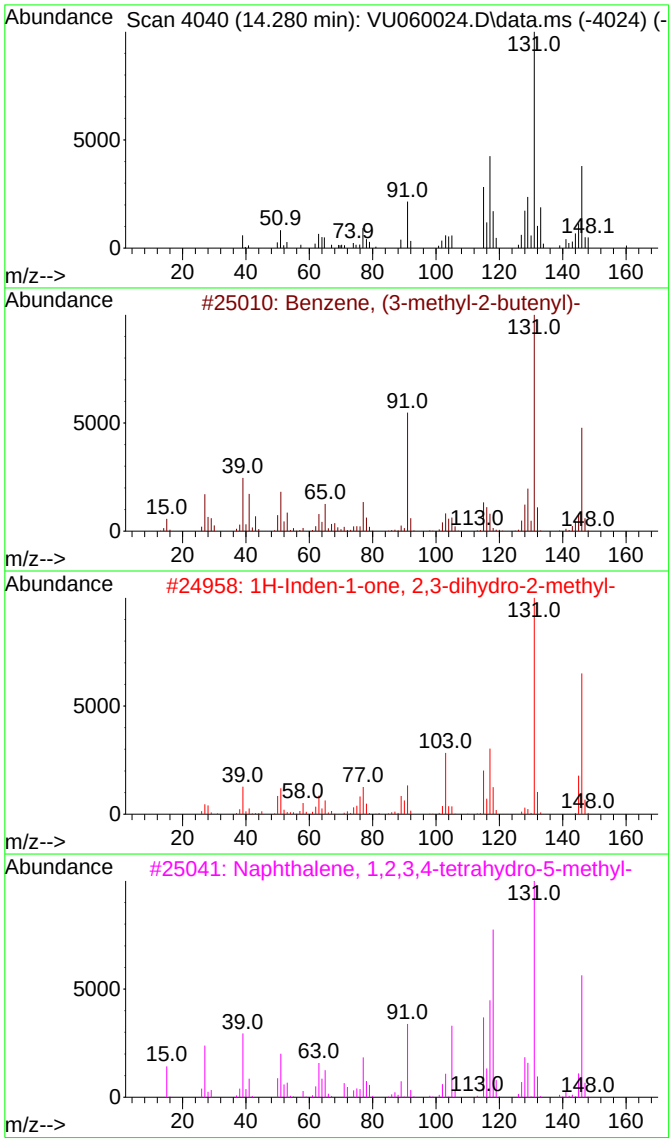
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

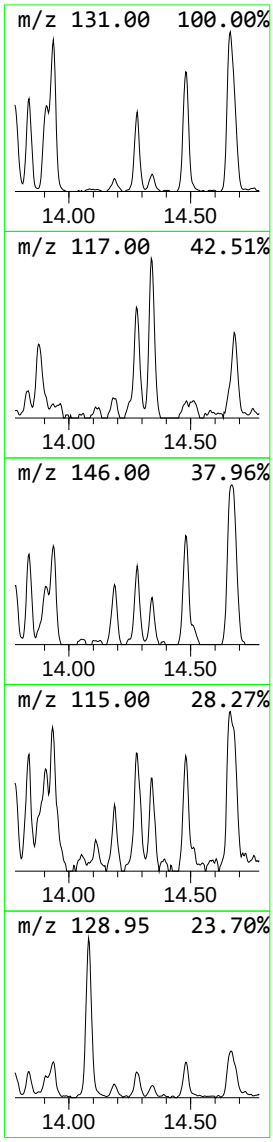
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	0.86 ug/L	83869	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	92
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
4	1-Methylindan-2-one	146	C10H10O	035587-60-1	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

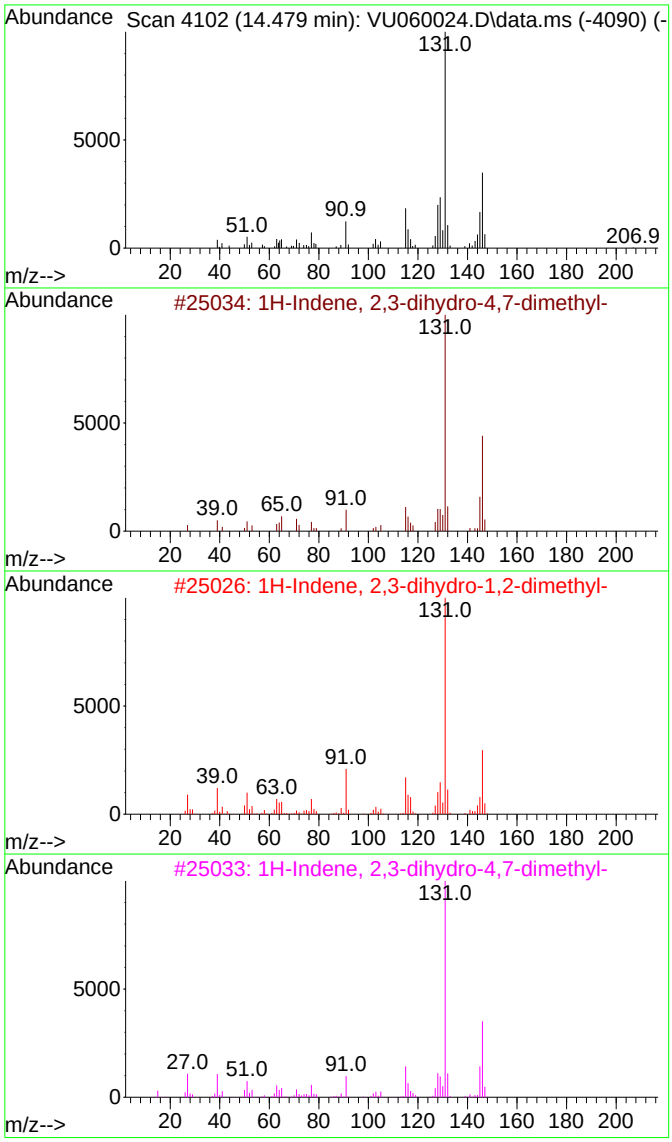
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

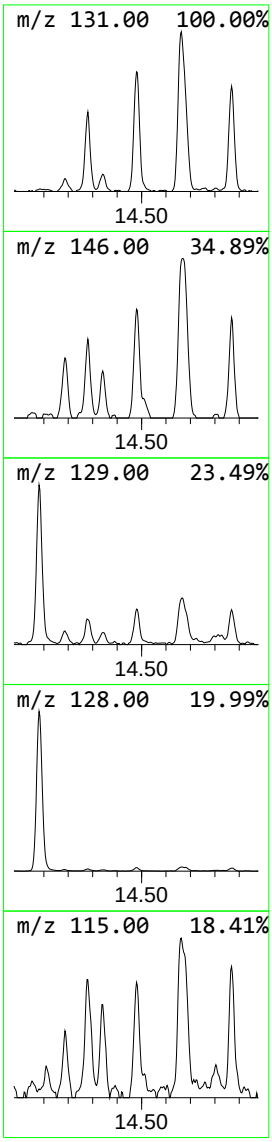
****

Peak Number 23 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.479	0.95 ug/L	92216	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

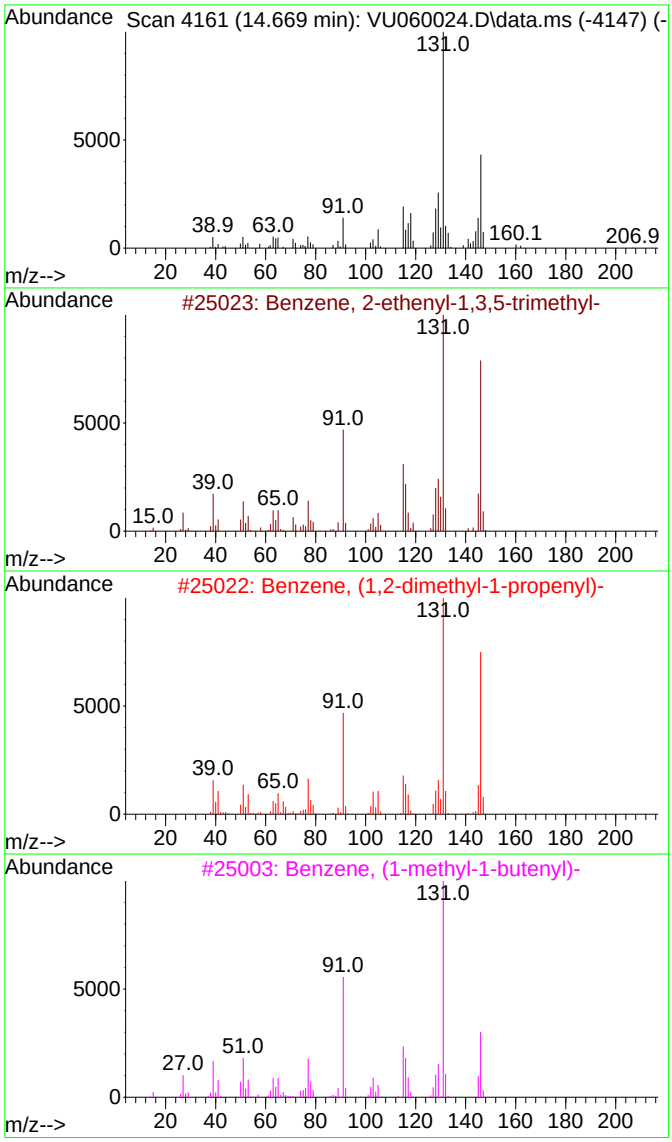
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

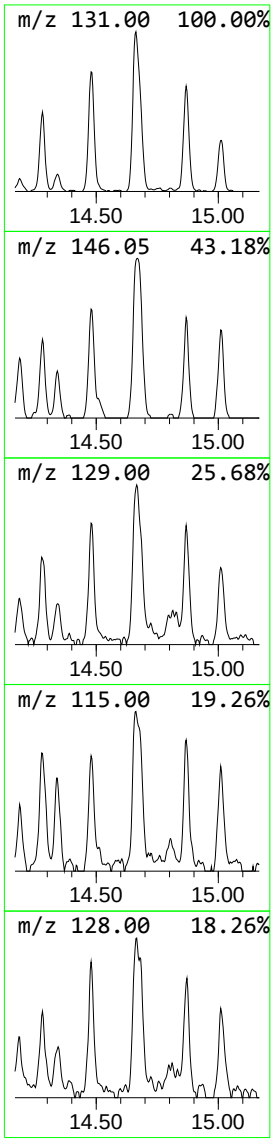
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	1.89 ug/L	184419	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

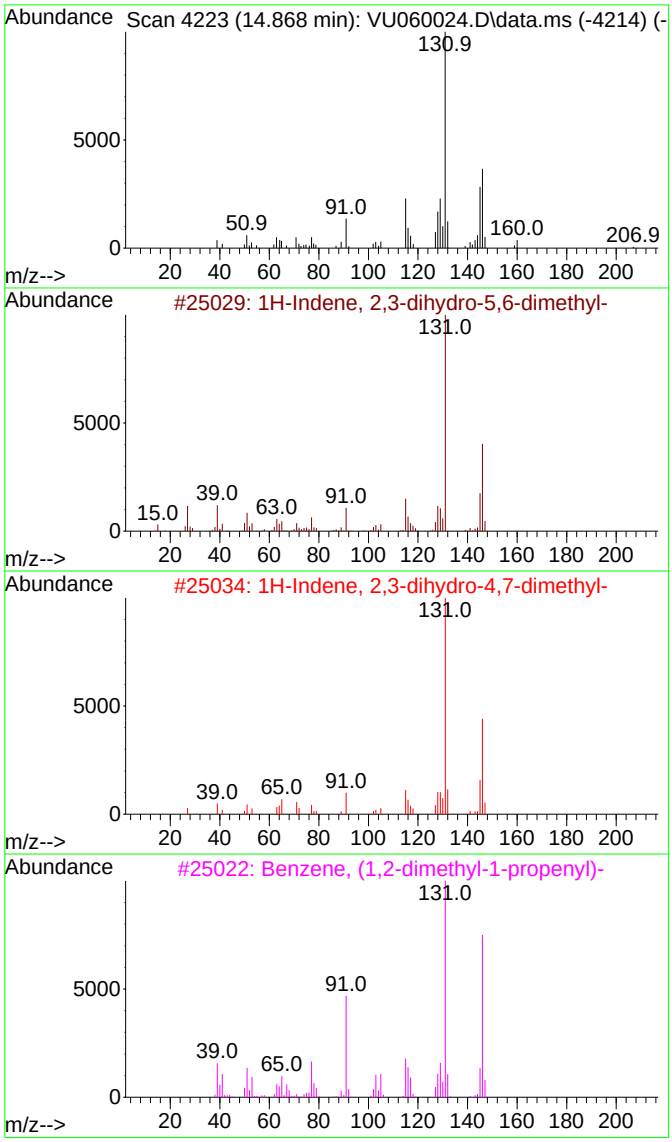
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

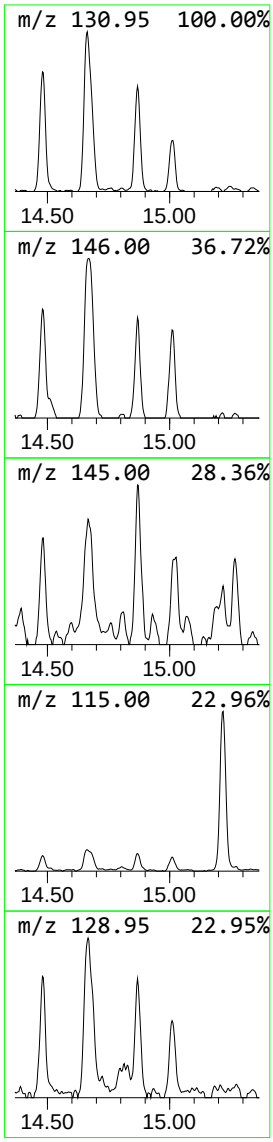
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	0.78 ug/L	76238	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	80
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

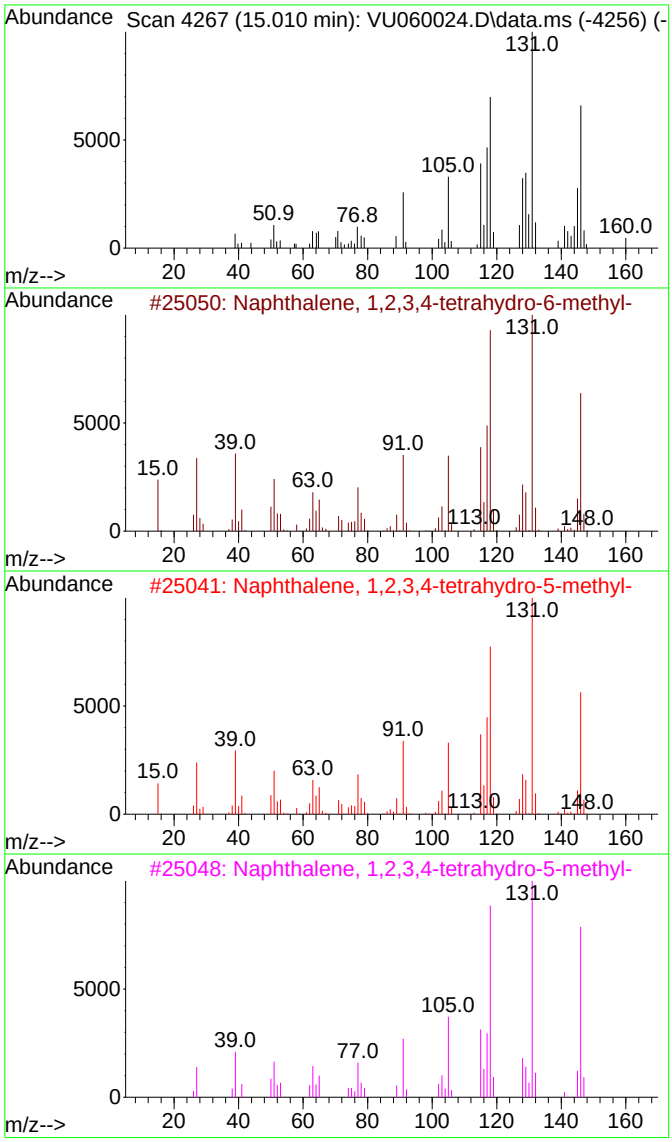
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

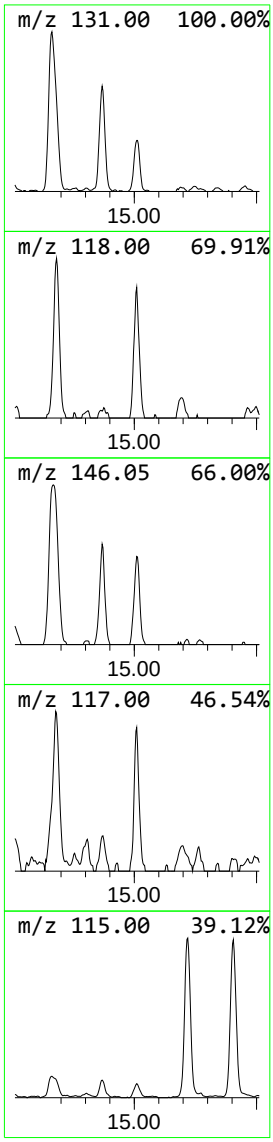
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	0.76 ug/L	73603	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060024.D
Acq On : 18 Jul 2024 17:59
Operator : MD/SY
Sample : P3217-21DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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
Diisopropyl ether	3.988	0.8	ug/L	55149	1	6.242	326402	5.0
Benzene, propyl-	10.901	7.1	ug/L	689405	3	11.807	486842	5.0
Benzene, 1-ethy...	11.290	0.8	ug/L	73734	3	11.807	486842	5.0
unknown-01	11.634	2.4	ug/L	236904	3	11.807	486842	5.0
Benzene, 1,2,3-...	11.891	0.8	ug/L	81298	3	11.807	486842	5.0
Indane	12.090	13.7	ug/L	1332020	3	11.807	486842	5.0
Benzene, 1,2-di...	12.296	0.8	ug/L	74217	3	11.807	486842	5.0
o-Cymene	12.566	2.8	ug/L	272794	3	11.807	486842	5.0
(E)-1-Phenyl-1-...	12.605	2.1	ug/L	202332	3	11.807	486842	5.0
Benzene, 1-ethe...	12.676	6.6	ug/L	645503	3	11.807	486842	5.0
1H-Indene, 2,3-...	12.859	0.6	ug/L	58368	3	11.807	486842	5.0
Benzene, 1,2,3,...	12.968	2.2	ug/L	213973	3	11.807	486842	5.0
Benzene, (3-met...	13.245	0.5	ug/L	53061	3	11.807	486842	5.0
3-Phenylbut-1-ene	13.290	1.9	ug/L	189108	3	11.807	486842	5.0
Benzene, 2-ethe...	13.447	10.3	ug/L	1007230	3	11.807	486842	5.0
Naphthalene, 1,...	13.618	3.1	ug/L	301789	3	11.807	486842	5.0
1H-Indene, 2,3-...	13.833	0.8	ug/L	81840	3	11.807	486842	5.0
Benzene, 1-meth...	13.936	1.1	ug/L	102202	3	11.807	486842	5.0
Azulene	14.081	4.7	ug/L	452851	3	11.807	486842	5.0
1H-Inden-1-one,...	14.280	0.9	ug/L	83869	3	11.807	486842	5.0
unknown-02	14.479	0.9	ug/L	92216	3	11.807	486842	5.0
Benzene, 2-ethe...	14.669	1.9	ug/L	184419	3	11.807	486842	5.0
1H-Indene, 2,3-...	14.868	0.8	ug/L	76238	3	11.807	486842	5.0
Naphthalene, 1,...	15.010	0.8	ug/L	73603	3	11.807	486842	5.0