LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU061774.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.592	73	94	103	rBV2	99318	171984	2.89%	0.528%
2	1.907	185	192	208	rVB	49307	64068	1.08%	0.197%
3	2.370	330	336	353	rVB	40510	64199	1.08%	0.197%
4	2.557	382	394	408	rBV	96760	155553	2.62%	0.477%
5	4.656	1029	1047	1074	rBV2	53899	185802	3.13%	0.570%
6	5.052	1155	1170	1200	rBV2	93660	232502	3.91%	0.713%
7	5.714	1357	1376	1388	rBV2	192035	492917	8.30%	1.512%
8	6.238	1527	1539	1565	rBV	193895	381037	6.41%	1.169%
9	6.682	1663	1677	1691	rBV	115116	230370	3.88%	0.707%
10	7.560	1934	1950	1967	rBV2	50278	95266	1.60%	0.292%
11	7.891	2042	2053	2069	rVB	234971	403930	6.80%	1.239%
12	8.631	2268	2283	2324	rBV2	236209	519715	8.75%	1.594%
13	9.438	2511	2534	2549	rBV2	1895820	3606064	60.70%	11.062%
14	9.692	2594	2613	2626	rBV10	42846	142613	2.40%	0.437%
15	10.029	2699	2718	2722	rBV3	44143	93898	1.58%	0.288%
16	10.110	2735	2743	2756	rVB3	28478	62324	1.05%	0.191%
17	10.264	2784	2791	2801	rVB2	71794	115801	1.95%	0.355%
18	10.351	2807	2818	2836	rBV6	77388	167198	2.81%	0.513%
19	10.476	2846	2857	2867	rBV	440844	679794	11.44%	2.085%
20	10.688	2911	2923	2931	rBV2	66420	119045	2.00%	0.365%
21	10.746	2931	2941	2952	rVV	118219	228235	3.84%	0.700%
22	10.804	2952	2959	2969	rVB4	44267	75844	1.28%	0.233%
23	11.286	3097	3109	3128	rBV3	95445	208061	3.50%	0.638%
24	11.409	3129	3147	3158	rBV	674347	1075148	18.10%	3.298%
25	11.601	3195	3207	3212	rBV	355717	580255	9.77%	1.780%
26	11.634	3212	3217	3230	rVB	405210	603774	10.16%	1.852%
27	11.804	3258	3270	3288	rBV2	320003	645462	10.86%	1.980%
28	11.997	3319	3330	3344	rVB	287672	449602	7.57%	1.379%
29	12.084	3344	3357	3375	rVV2	3807517	5941211	100.00%	18.226%
30	12.180	3375	3387	3409	rVB5	506025	1164420	19.60%	3.572%
31	12.293	3409	3422	3437	rBV	515264	849575	14.30%	2.606%
32	12.563	3484	3506	3513	rBV	1501359	2322808	39.10%	7.126%
33	12.601	3513	3518	3531	rVV3	305835	558620	9.40%	1.714%
34	12.675	3531	3541	3559	rVB4	756631	1987364	33.45%	6.097%
35	12.852	3579	3596	3609	rVB3	372494	719939	12.12%	2.209%
36	12.962	3609	3630	3642	rBV	1254858	2146460	36.13%	6.585%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

37	13.097	3663	3672	3687	rVB2	166061	285697	4.81%	0.876%
38	13.190	3689	3701	3709	rBV	166307	284461	4.79%	0.873%
39	13.248	3711	3719	3725	rVV4	165167	260722	4.39%	0.800%
40	13.283	3725	3730	3752	rVB	179926	318474	5.36%	0.977%
41	13.405	3753	3768	3769	rBV3	88939	131425	2.21%	0.403%
42	13.441	3770	3779	3796	rVB3	987199	1724999	29.03%	5.292%
43	13.550	3807	3813	3819	rBV	56697	65787	1.11%	0.202%
44	13.617	3828	3834	3849	rVB3	69684	119860	2.02%	0.368%
45	13.730	3859	3869	3875	rBV4	43125	77092	1.30%	0.236%
46	13.775	3875	3883	3890	rVV	80862	133688	2.25%	0.410%
47	13.826	3890	3899	3908	rVV5	185582	301115	5.07%	0.924%
48	13.900	3909	3922	3926	rVV3	81850	167488	2.82%	0.514%
49	13.929	3928	3931	3953	rVB3	117199	271354	4.57%	0.832%
50	14.048	3955	3968	3974	rBV3	56840	100860	1.70%	0.309%
51	14.283	4021	4041	4050	rBV5	53310	130026	2.19%	0.399%
52	14.473	4089	4100	4106	rBV2	36254	63244	1.06%	0.194%
53	14.659	4148	4158	4174	rBV5	55529	143724	2.42%	0.441%
54	14.868	4214	4223	4233	rVB4	33997	61229	1.03%	0.188%
55	15.006	4256	4266	4278	rBV3	43811	80612	1.36%	0.247%
56	15.215	4316	4331	4339	rBV	63258	111214	1.87%	0.341%
57	15.402	4378	4389	4402	rBV	129343	223365	3.76%	0.685%

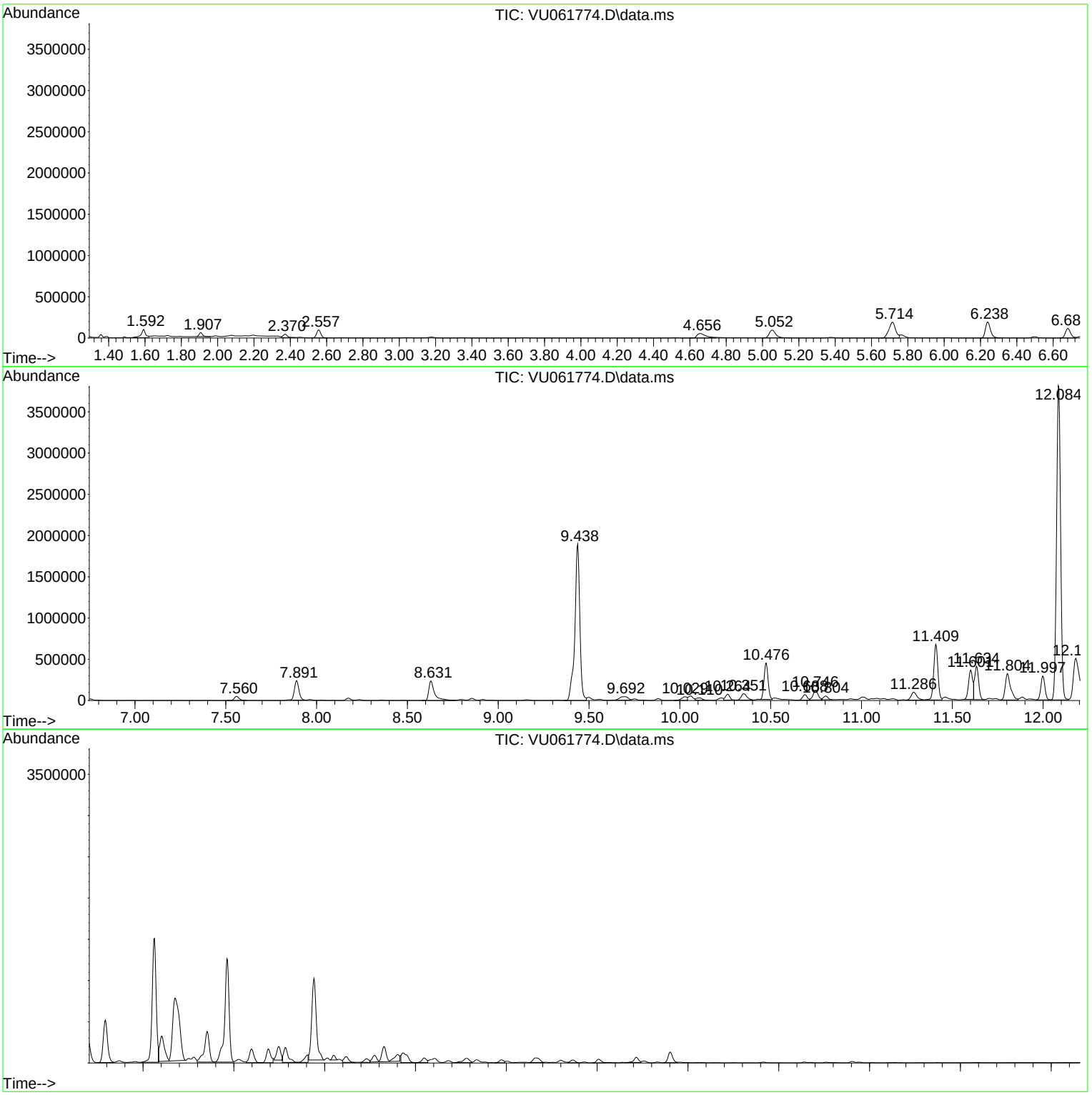
Sum of corrected areas: 32597294

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

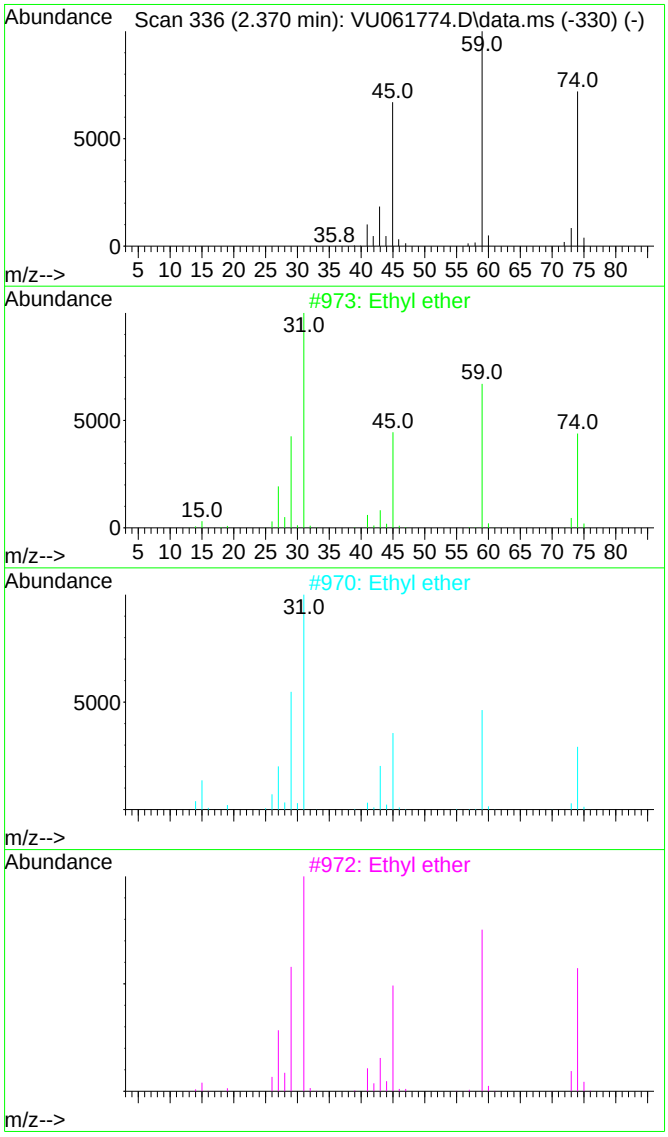
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

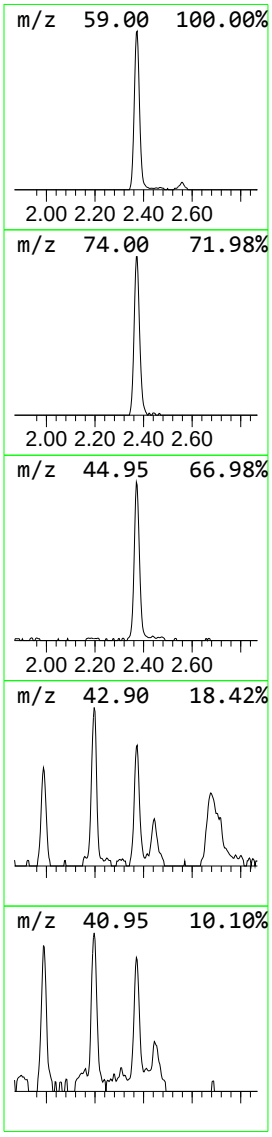
****

Peak Number 1 Ethyl ether Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.370	0.84 ug/L	64199	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64
5	Hydrazine, trimethyl-	74	C3H10N2	001741-01-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

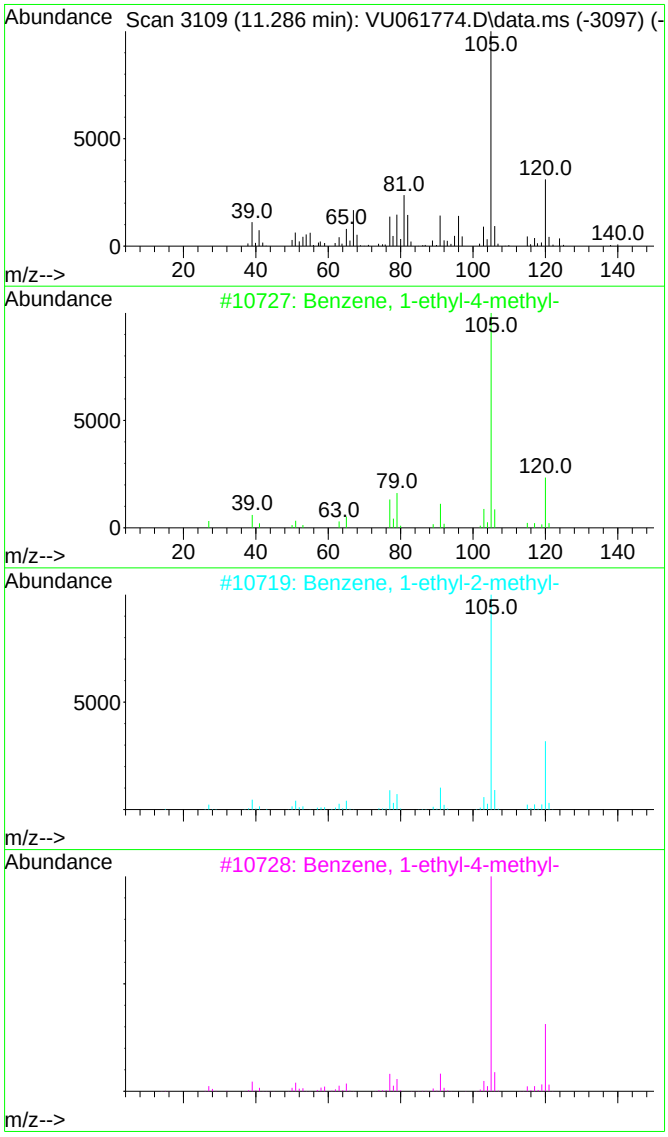
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

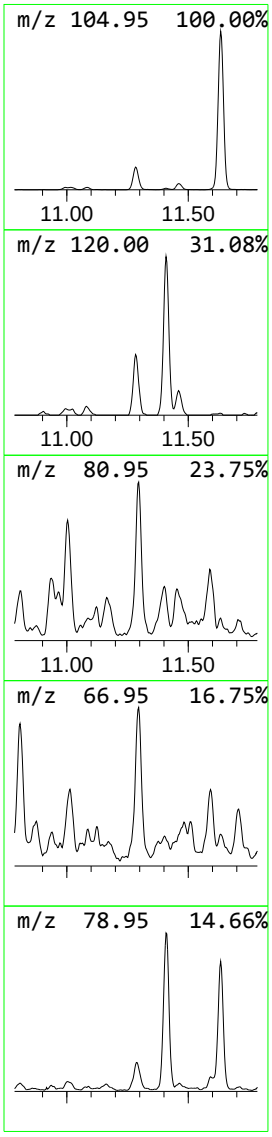
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	1.61 ug/L	208061	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

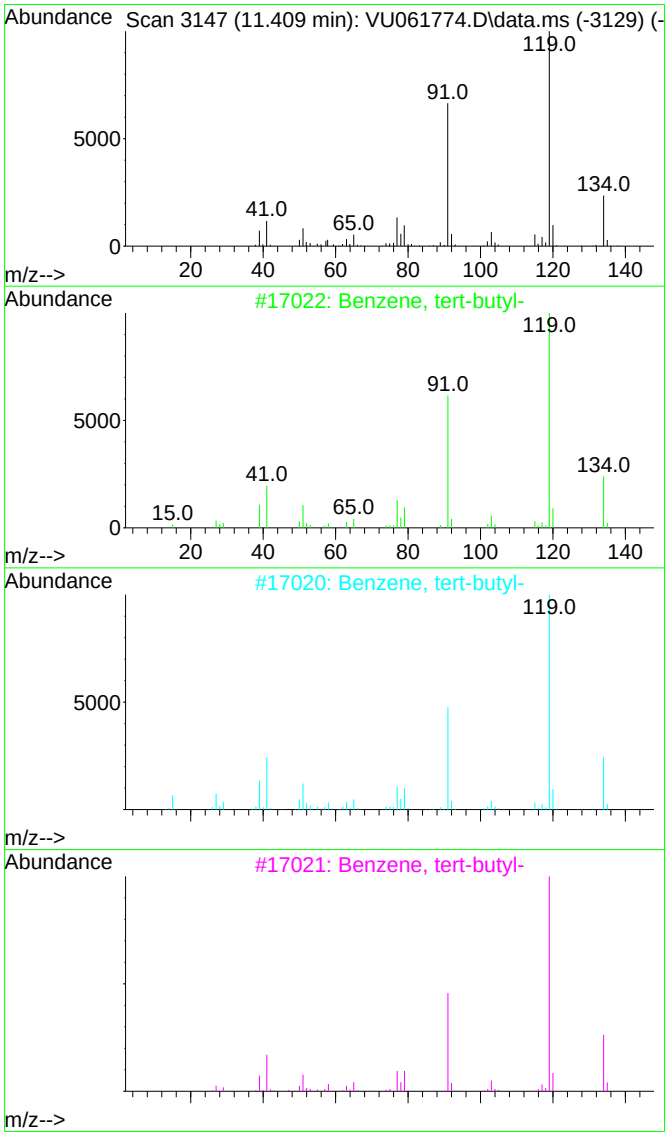
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

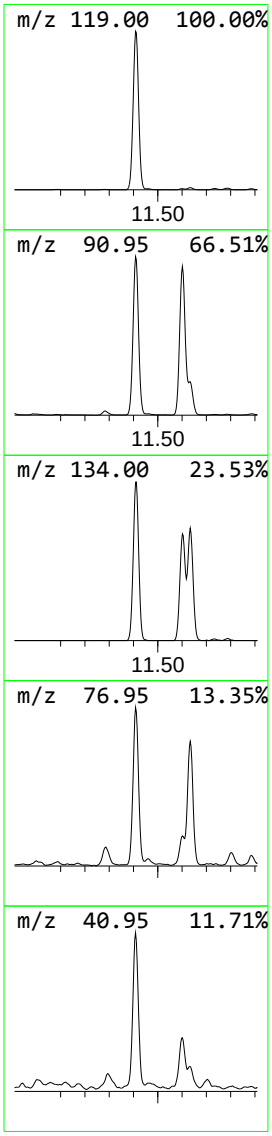
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.409	8.33 ug/L	1075150	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	95
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	94
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
5	o-Cymene	134	C10H14	000527-84-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

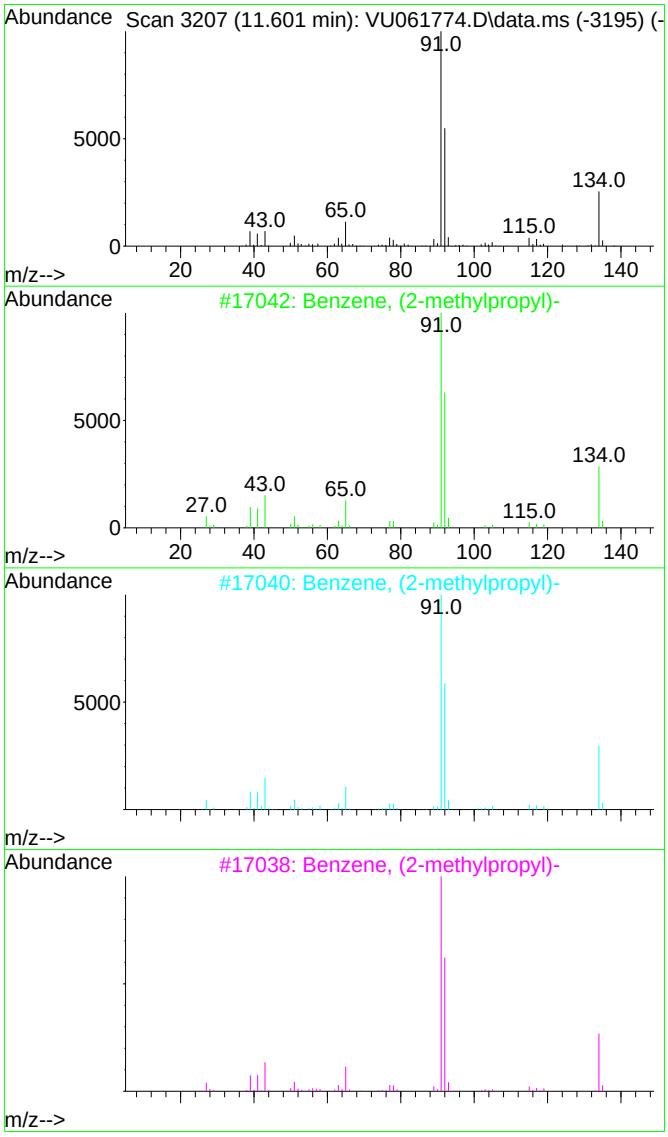
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

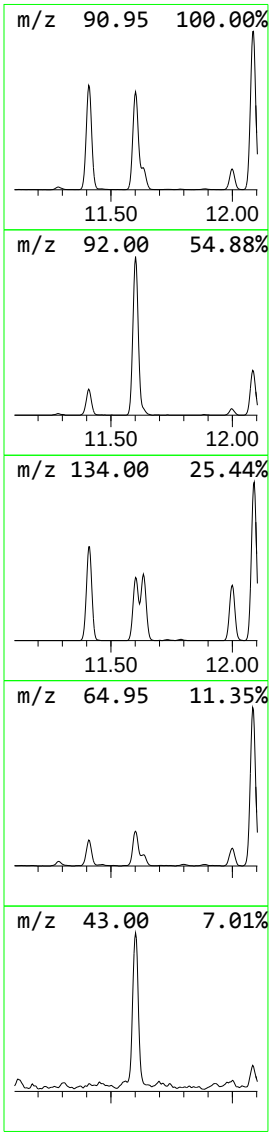
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (2-methylpropyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.602	4.49 ug/L	580255	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

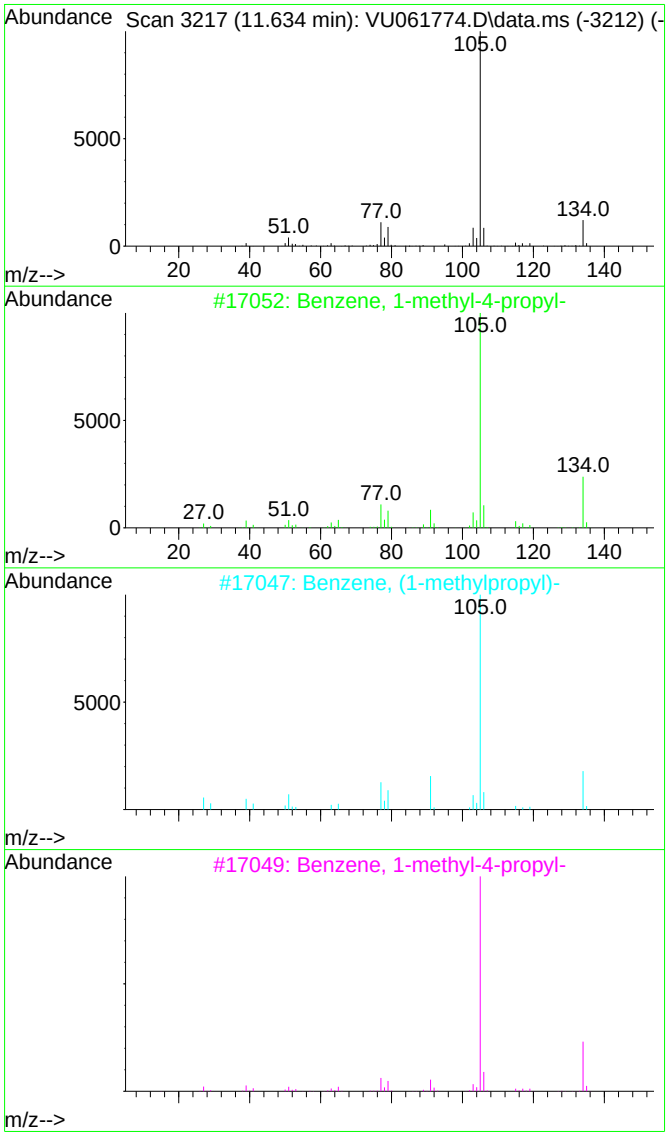
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

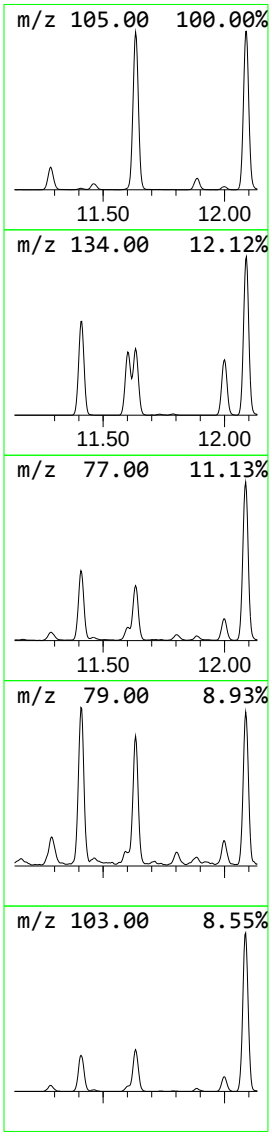
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.634	4.68 ug/L	603774	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	86
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

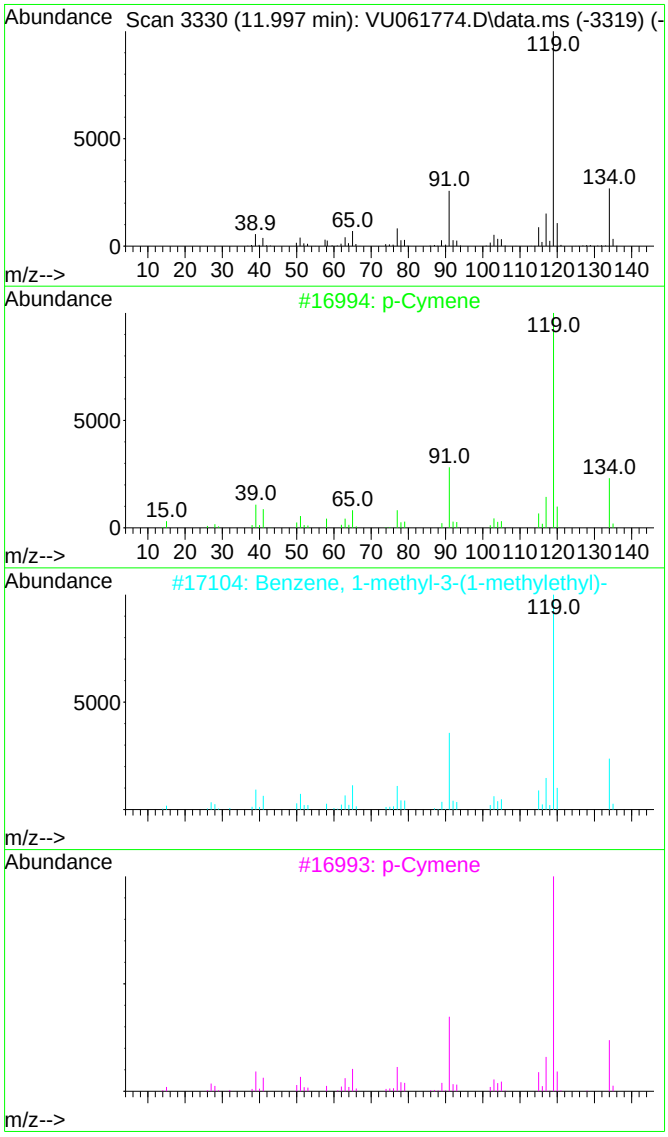
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

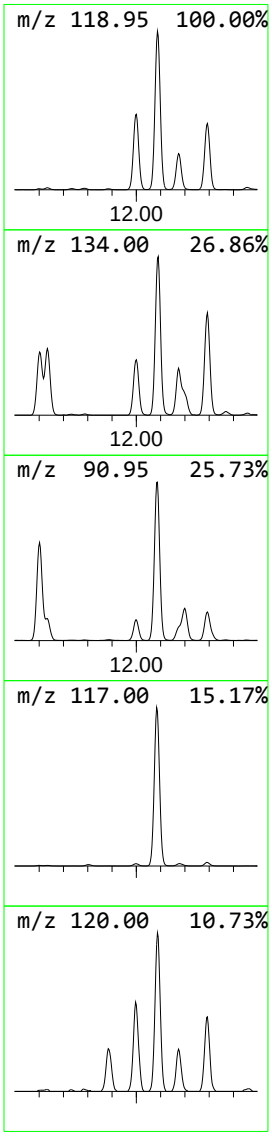
****

Peak Number 9 p-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.997	3.48 ug/L	449602	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

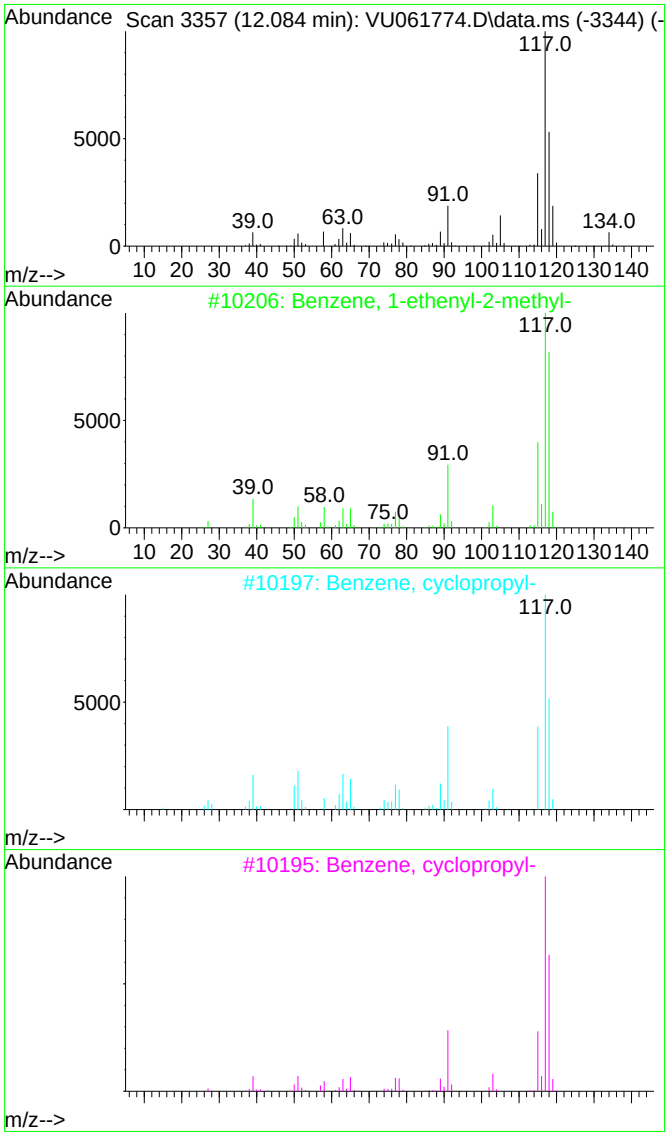
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

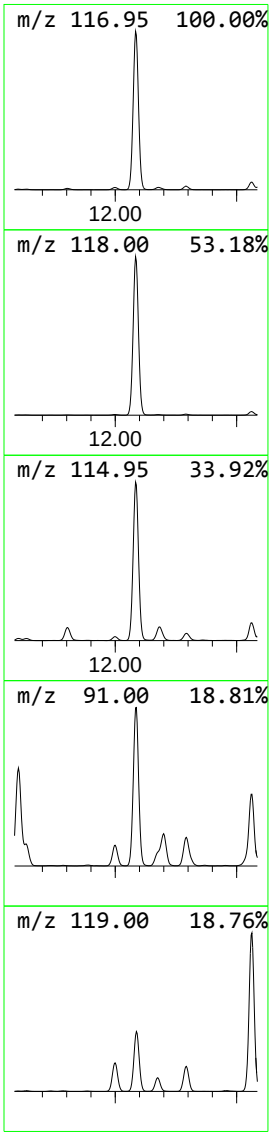
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.084	46.02 ug/L	5941210	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Indane	118	C9H10	000496-11-7	76
5	Indane	118	C9H10	000496-11-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

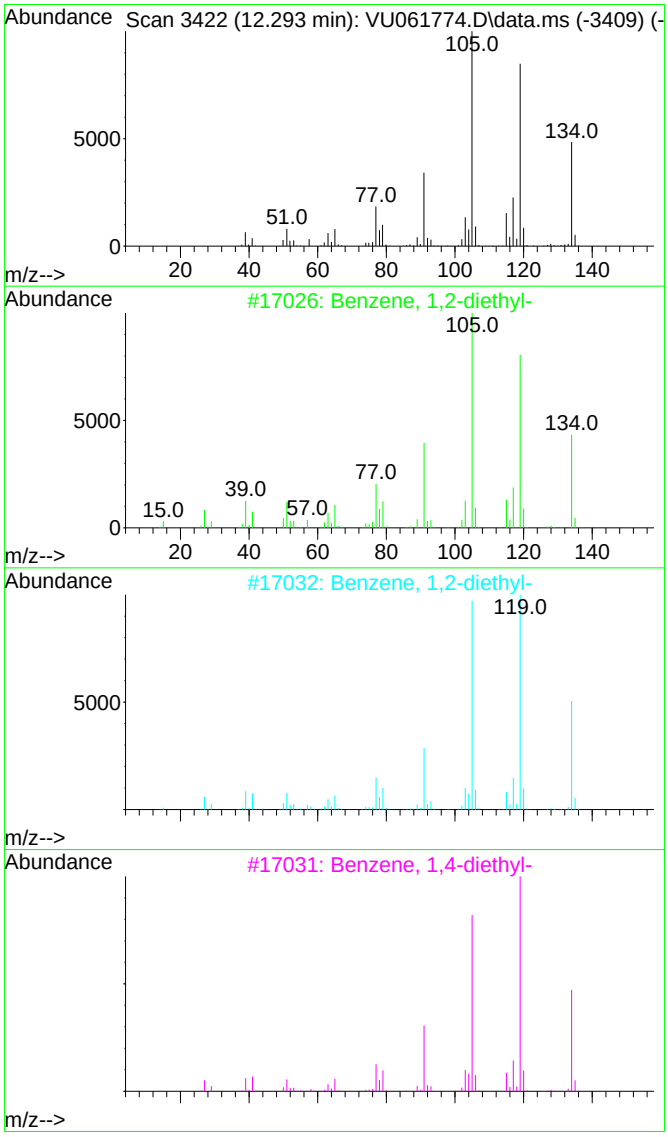
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

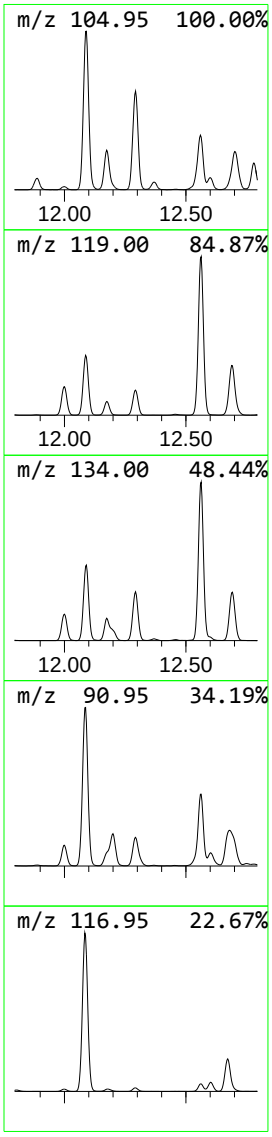
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.293	6.58 ug/L	849575	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





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Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

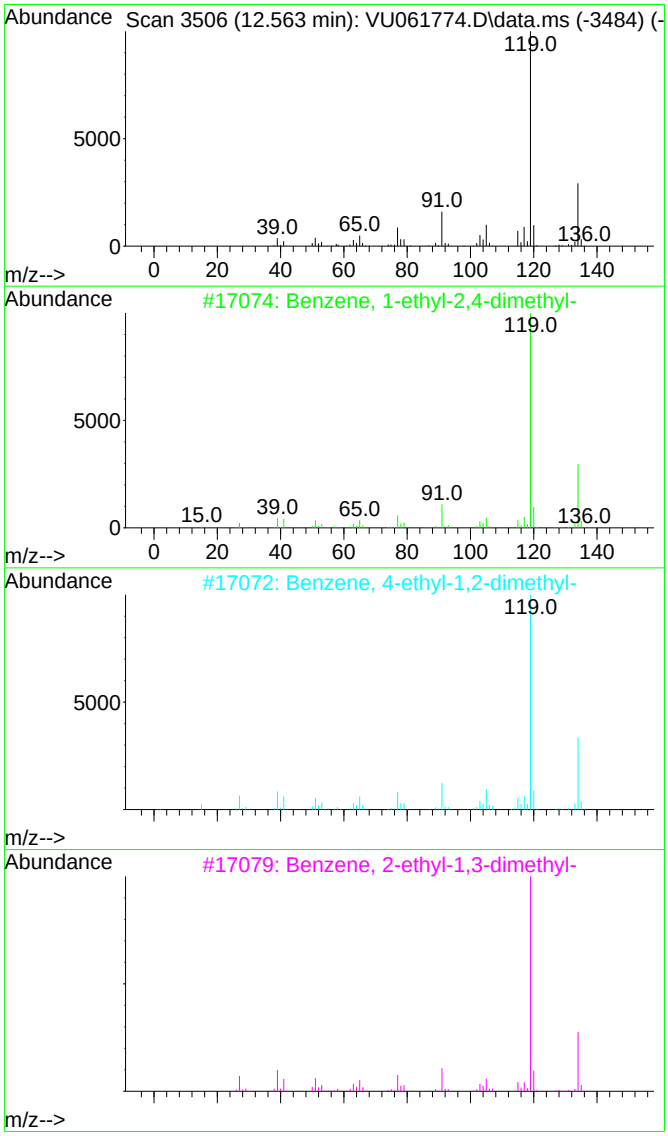
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

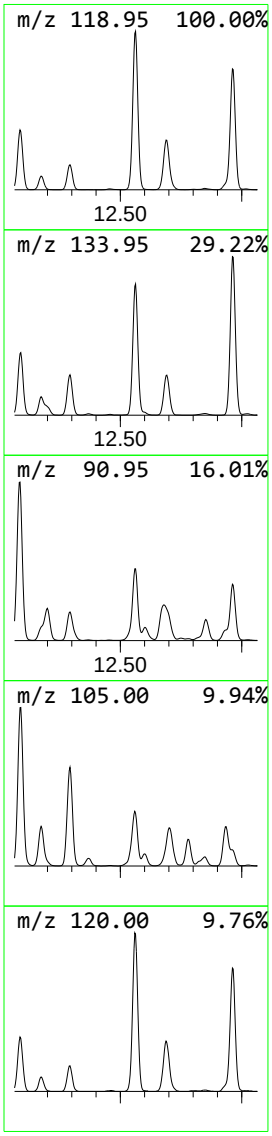
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	17.99 ug/L	2322810	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

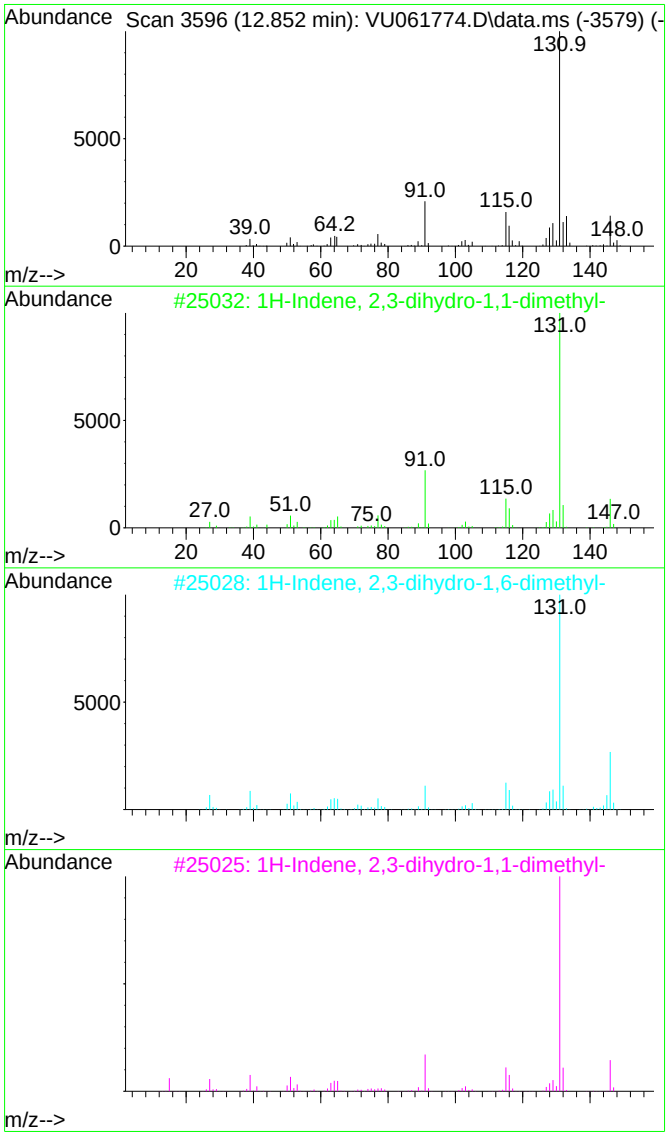
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

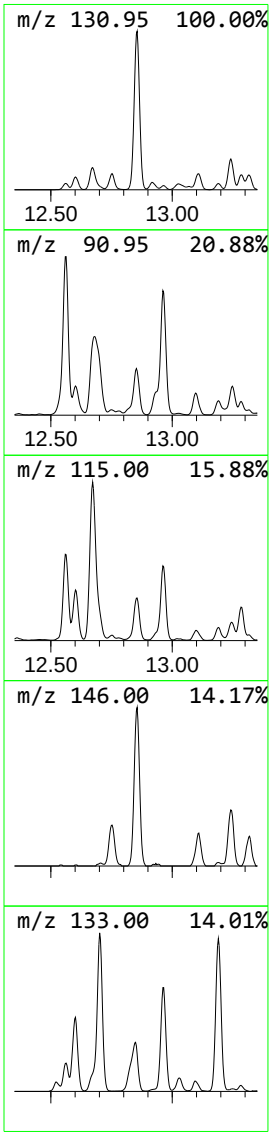
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.852	5.58 ug/L	719939	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





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Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

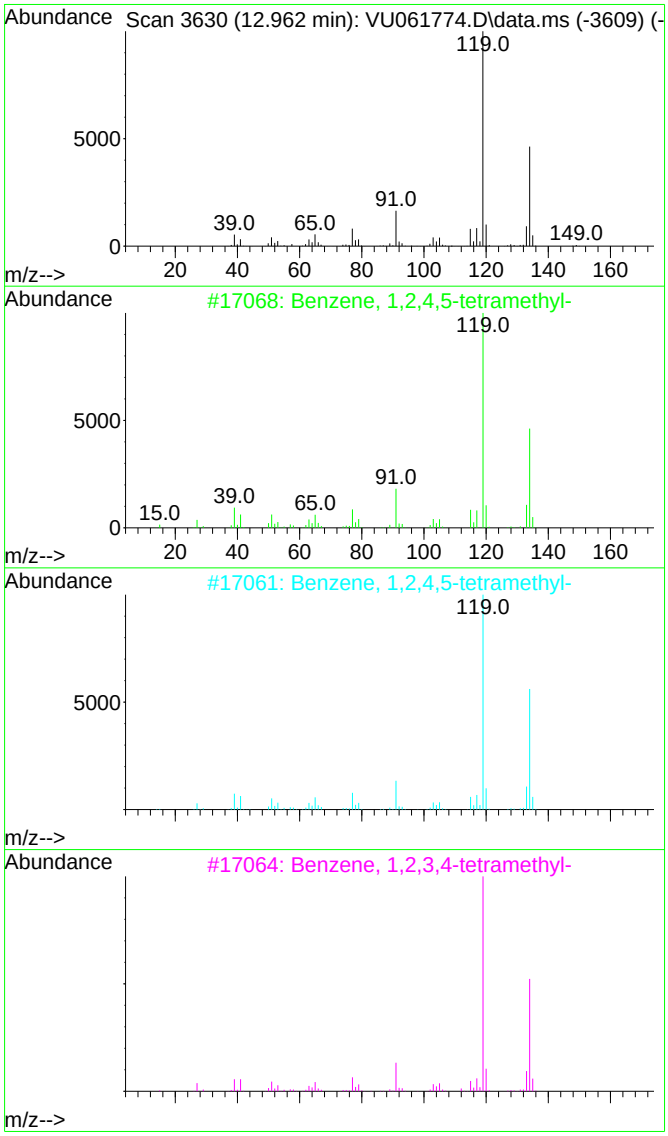
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

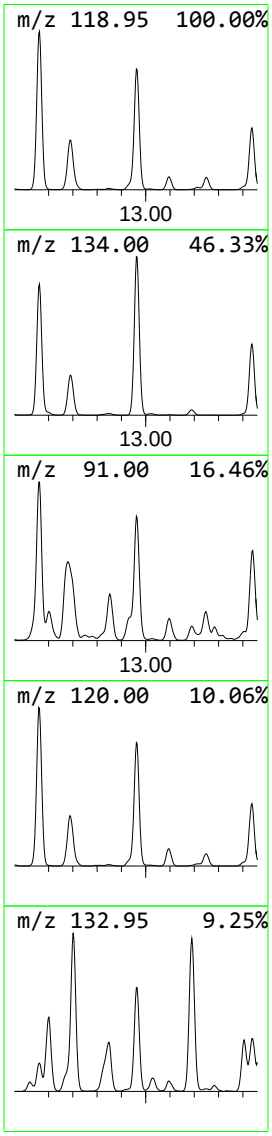
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.961	16.63 ug/L	2146460	1,4-Dichlorobenzene-d4	11.804

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





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Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

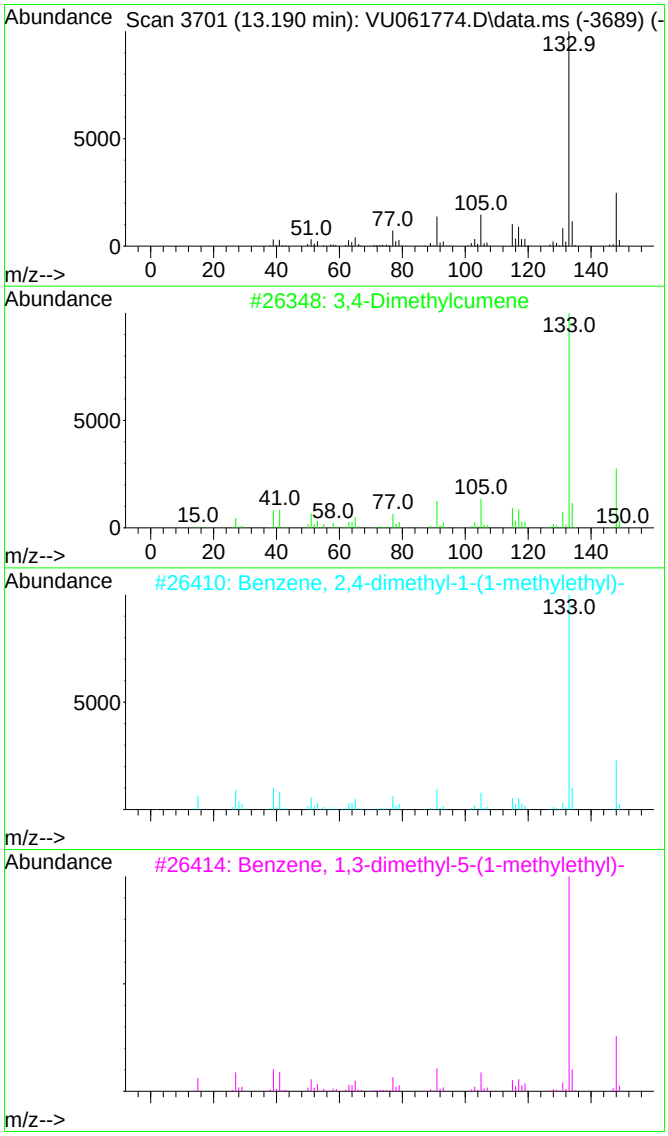
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

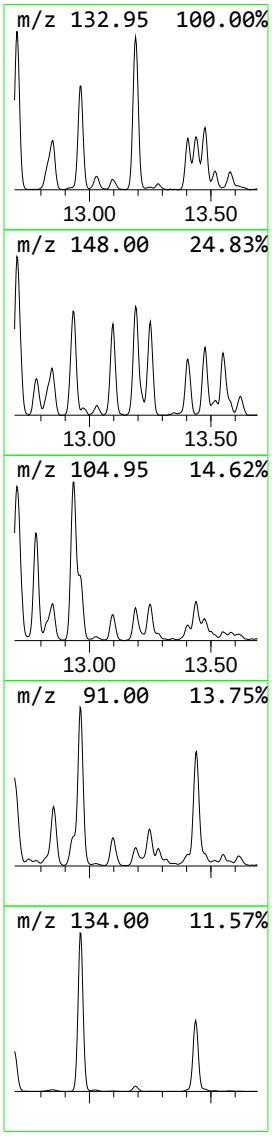
****

Peak Number 18 3,4-Dimethylcumene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	2.20 ug/L	284461	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	97
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	95
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	94
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	91





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Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

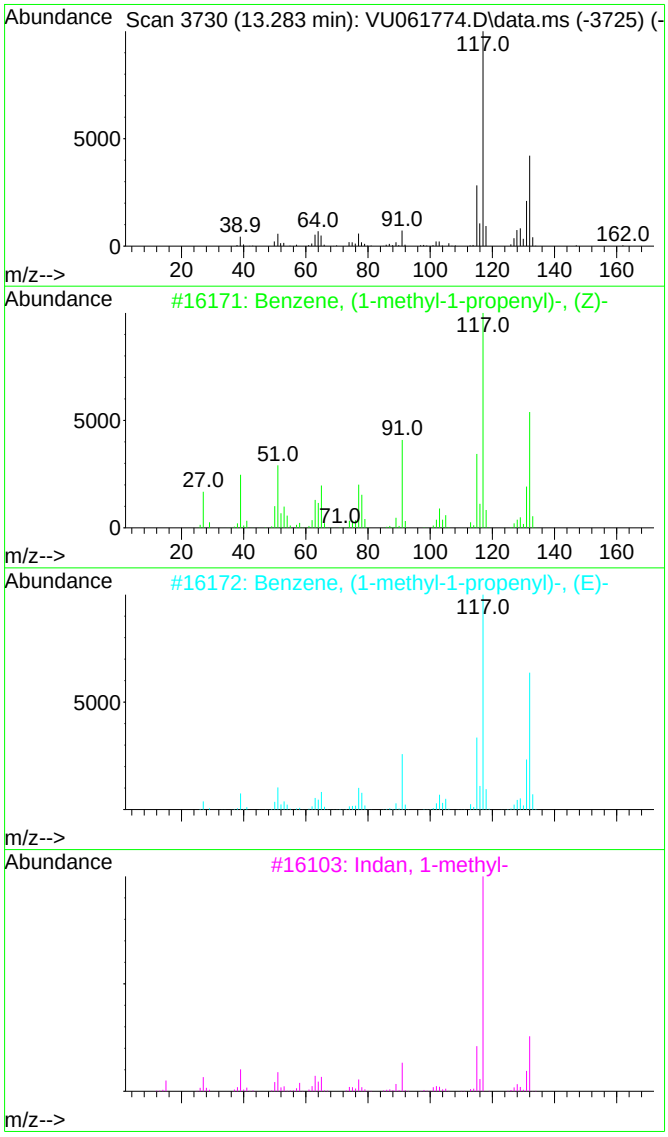
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

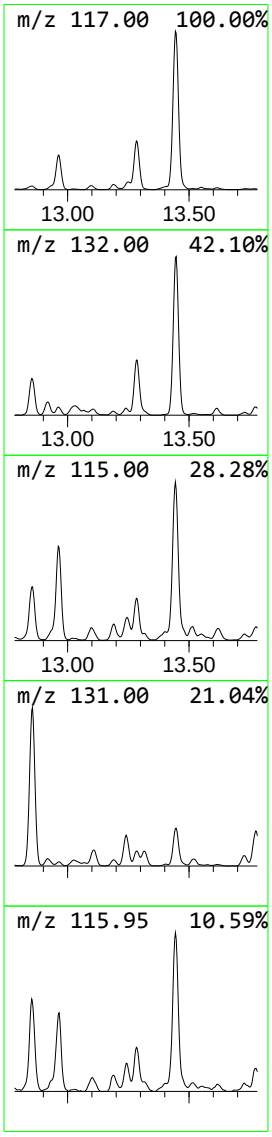
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, (1-methyl-1-propen... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.283	2.47 ug/L	318474	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





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Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

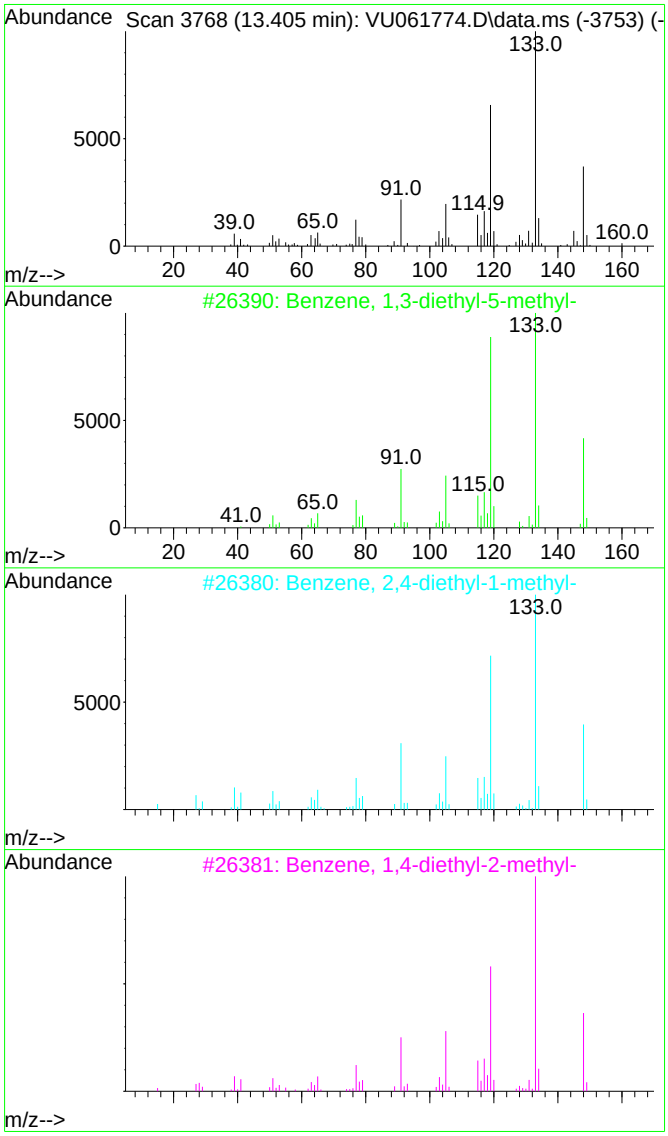
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

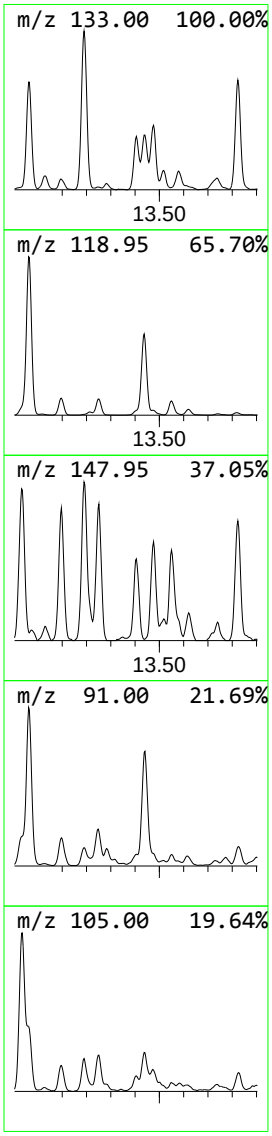
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.405	1.02 ug/L	131425	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	97
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	97
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	95
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76





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Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

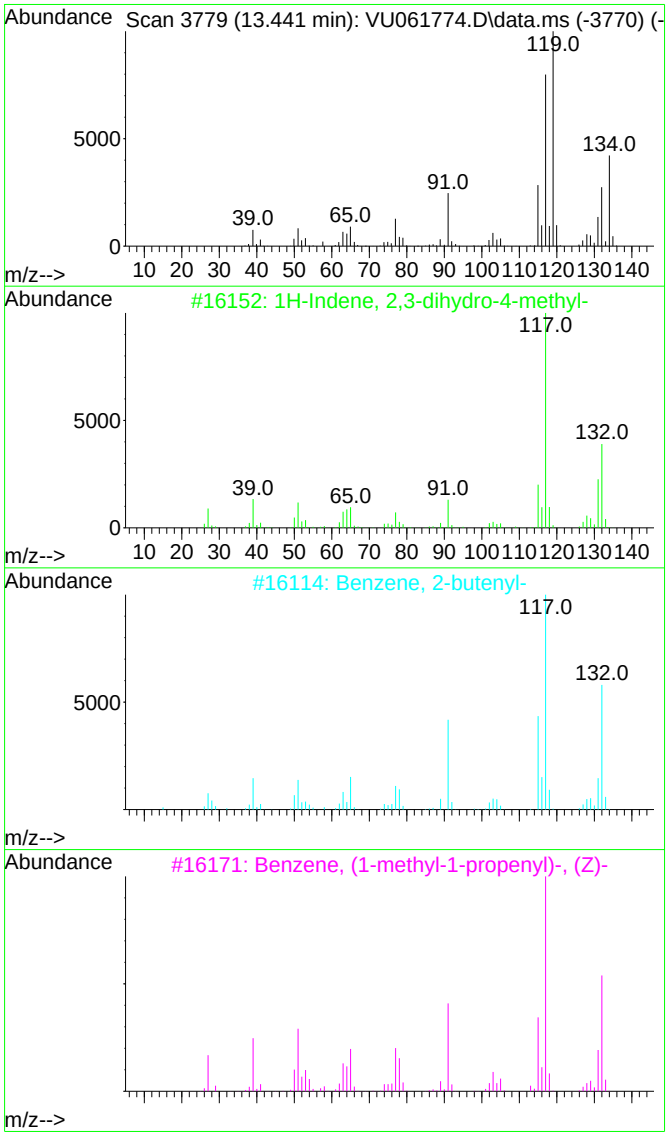
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

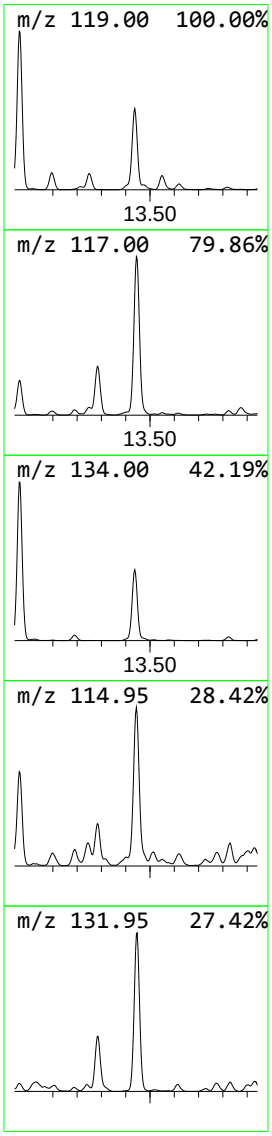
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.441	13.36 ug/L	1725000	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	51
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50





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Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

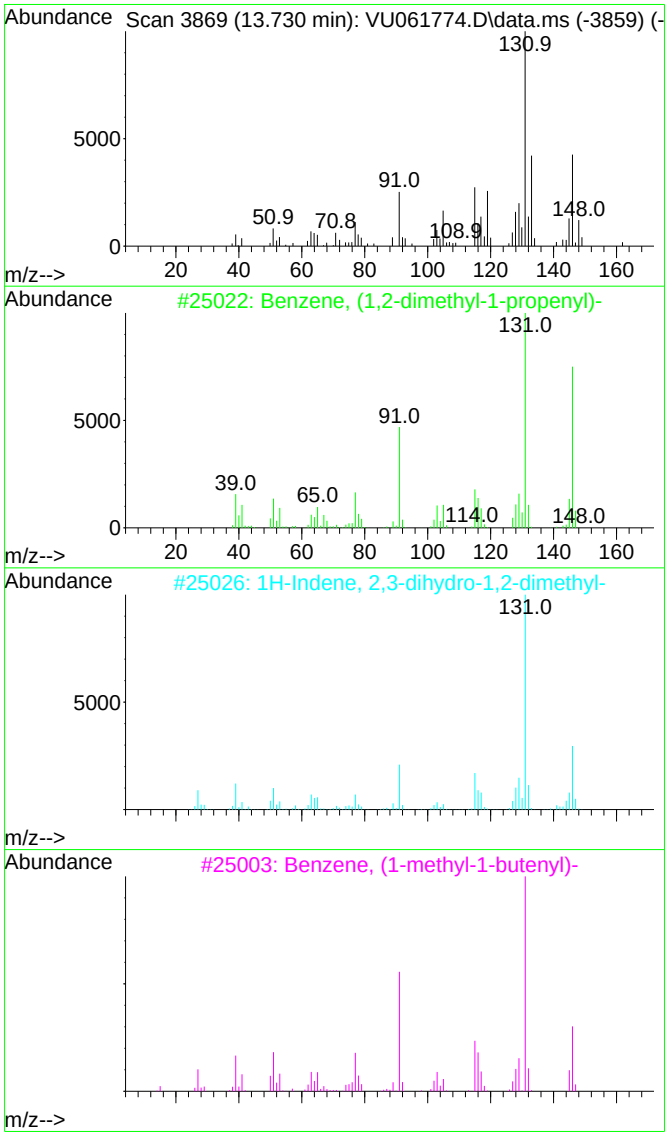
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

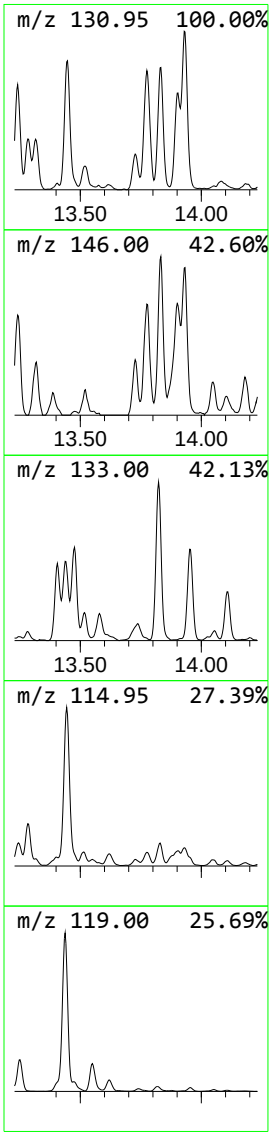
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	0.60 ug/L	77092	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60





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Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

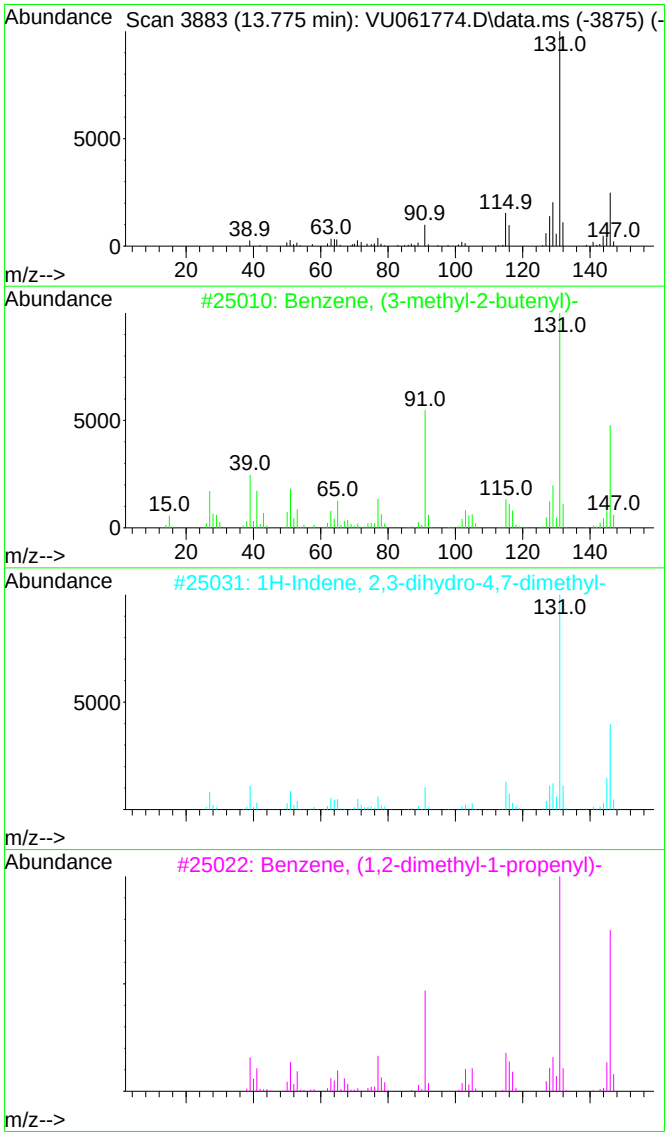
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

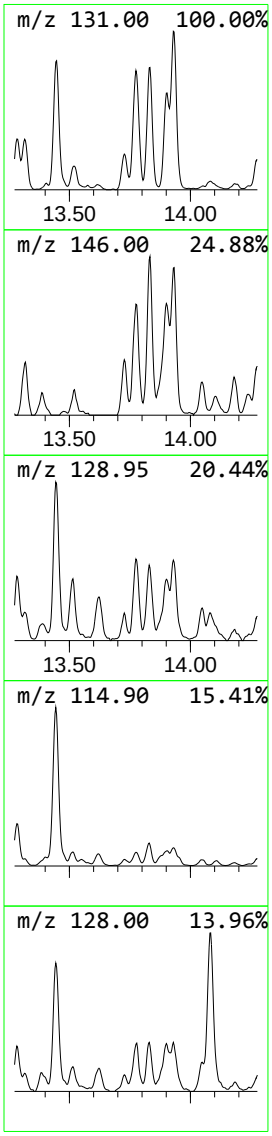
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, (3-methyl-2-butenyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.775	1.04 ug/L	133688	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





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Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

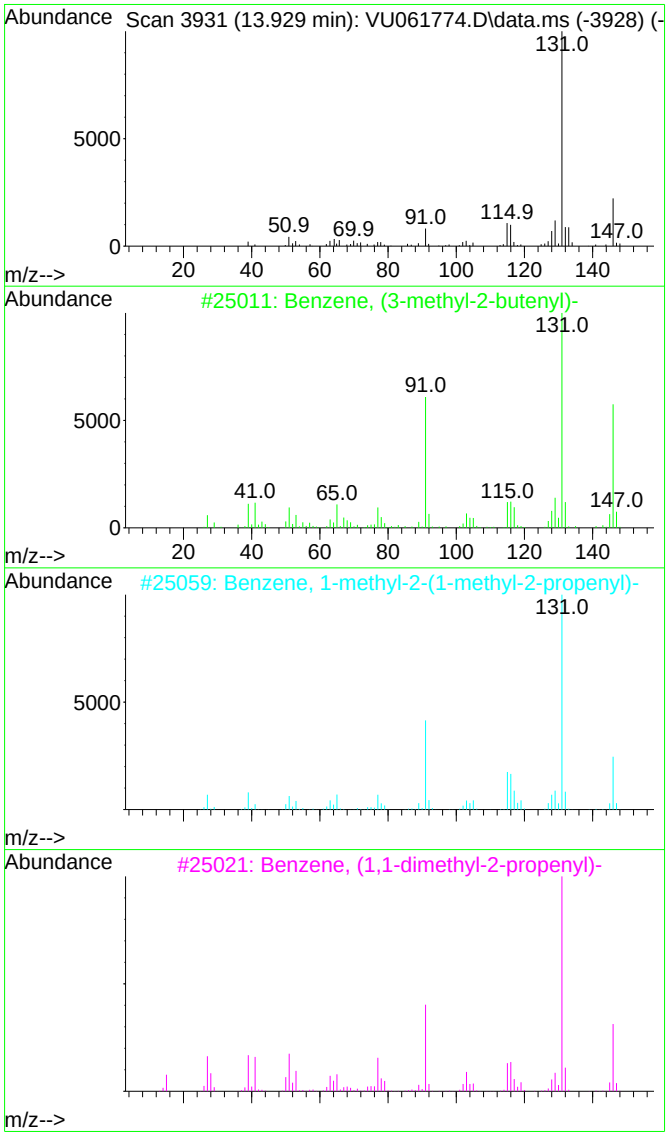
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

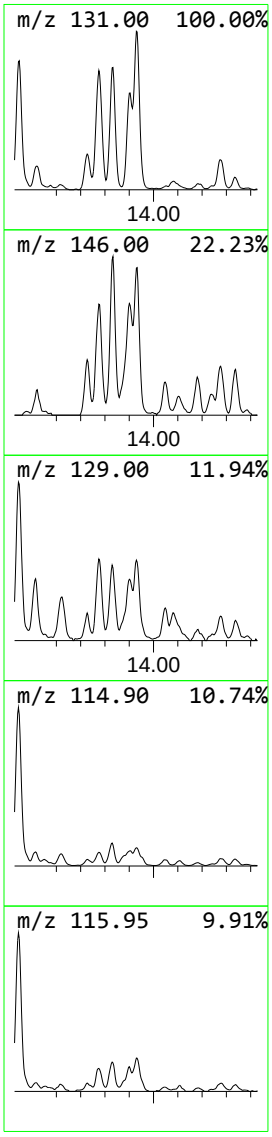
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-2-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.929	2.10 ug/L	271354	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	86
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	78





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Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

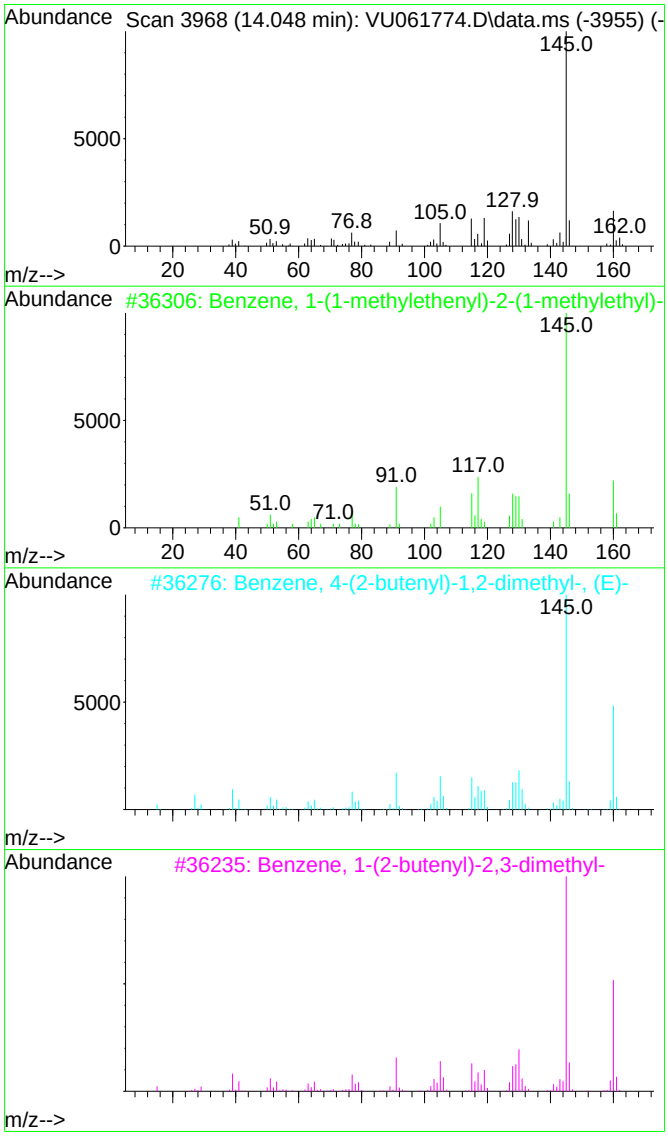
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

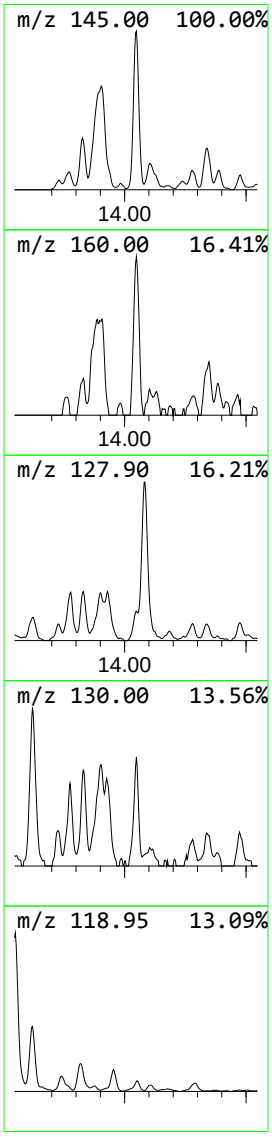
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1-(1-methylethenyl... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.048	0.78 ug/L	100860	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	91
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
4	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

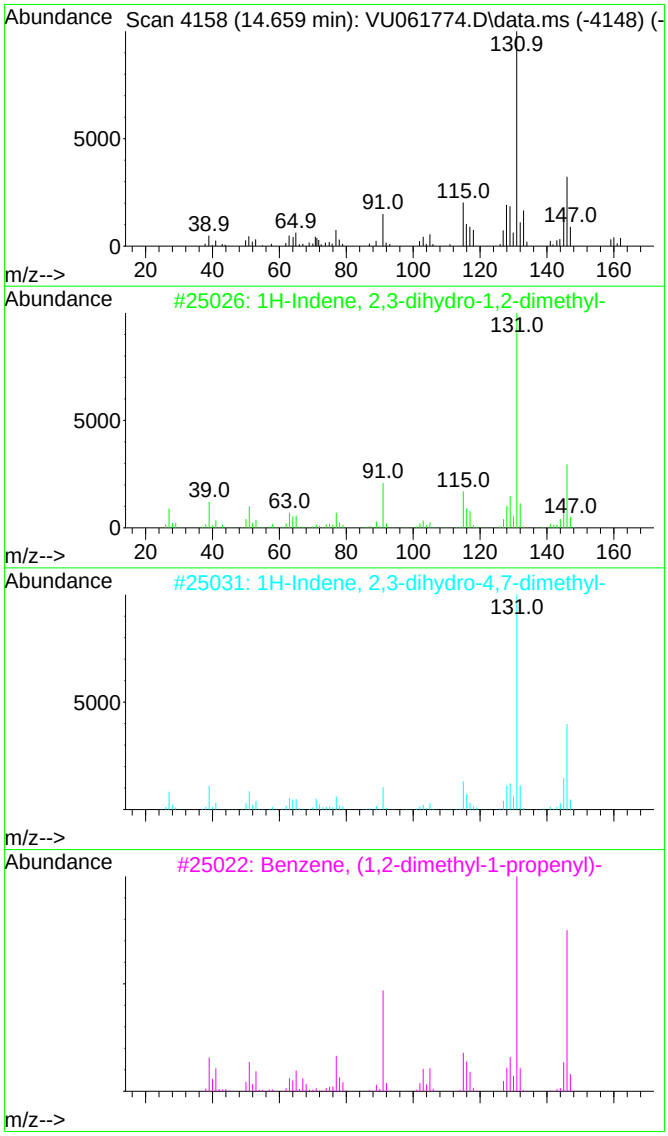
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

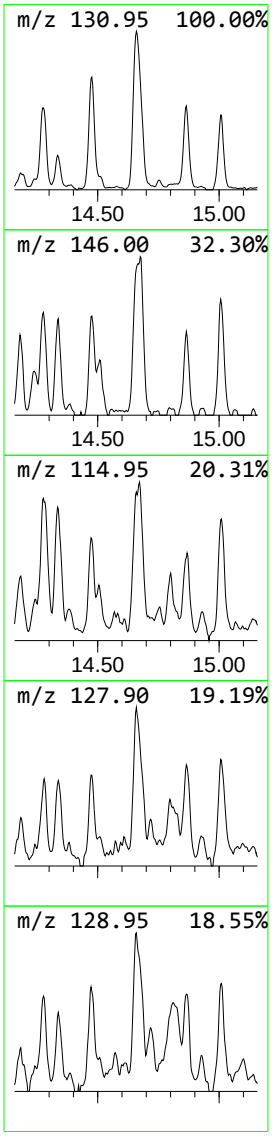
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.659	1.11 ug/L	143724	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

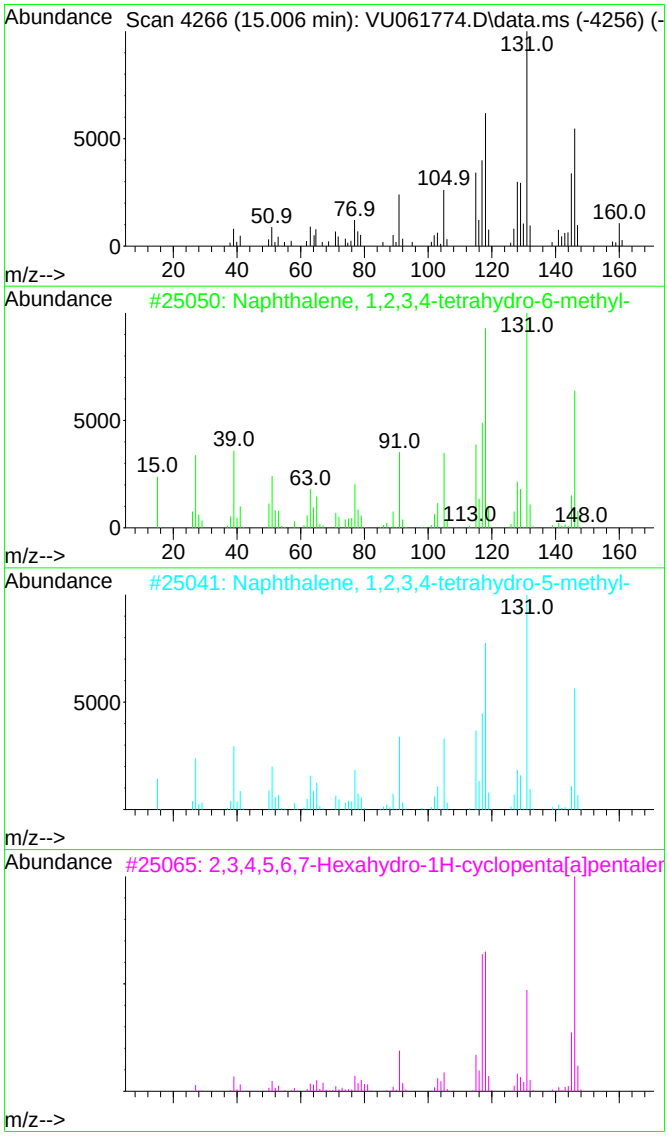
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

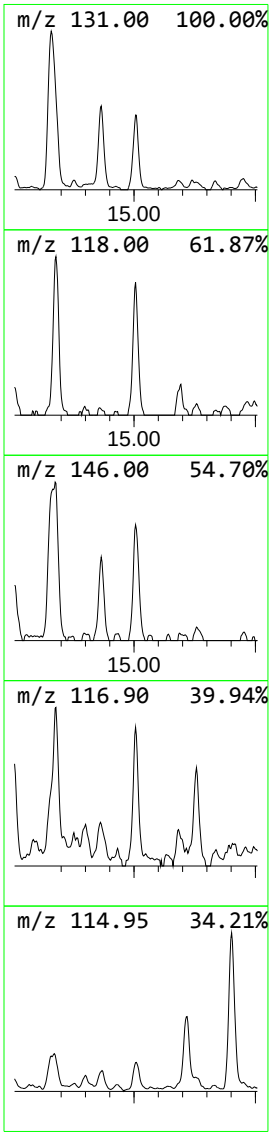
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.007	0.62 ug/L	80612	1,4-Dichlorobenzene-d4	11.804

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	87
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	80
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061774.D
Acq On : 17 Nov 2024 04:14
Operator : MD/SY
Sample : P4847-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AT5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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
Ethyl ether	2.370	0.8	ug/L	64199	1	6.242	381037	5.0
Benzene, 1-ethy...	11.286	1.6	ug/L	208061	3	11.804	645462	5.0
Benzene, tert-b...	11.409	8.3	ug/L	1075150	3	11.804	645462	5.0
Benzene, (2-met...	11.602	4.5	ug/L	580255	3	11.804	645462	5.0
Benzene, 1-meth...	11.634	4.7	ug/L	603774	3	11.804	645462	5.0
p-Cymene	11.997	3.5	ug/L	449602	3	11.804	645462	5.0
Benzene, 1-ethe...	12.084	46.0	ug/L	5941210	3	11.804	645462	5.0
Benzene, 1,2-di...	12.293	6.6	ug/L	849575	3	11.804	645462	5.0
Benzene, 1-ethy...	12.563	18.0	ug/L	2322810	3	11.804	645462	5.0
1H-Indene, 2,3-...	12.852	5.6	ug/L	719939	3	11.804	645462	5.0
Benzene, 1,2,4,...	12.961	16.6	ug/L	2146460	3	11.804	645462	5.0
3,4-Dimethylcumene	13.190	2.2	ug/L	284461	3	11.804	645462	5.0
Benzene, (1-met...	13.283	2.5	ug/L	318474	3	11.804	645462	5.0
Benzene, 1,3-di...	13.405	1.0	ug/L	131425	3	11.804	645462	5.0
1H-Indene, 2,3-...	13.441	13.4	ug/L	1725000	3	11.804	645462	5.0
Benzene, (1,2-d...	13.730	0.6	ug/L	77092	3	11.804	645462	5.0
Benzene, (3-met...	13.775	1.0	ug/L	133688	3	11.804	645462	5.0
Benzene, 1-meth...	13.929	2.1	ug/L	271354	3	11.804	645462	5.0
Benzene, 1-(1-m...	14.048	0.8	ug/L	100860	3	11.804	645462	5.0
1H-Indene, 2,3-...	14.659	1.1	ug/L	143724	3	11.804	645462	5.0
Naphthalene, 1,...	15.007	0.6	ug/L	80612	3	11.804	645462	5.0