LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

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_V\Method\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.298	73	80	93	rVB	99794	108841	2.17%	0.394%
2	1.561	154	162	171	rBV	85060	98518	1.97%	0.357%
3	2.098	318	329	343	rBV	161964	232537	4.65%	0.842%
4	3.921	880	896	932	rBV2	62903	336963	6.73%	1.221%
5	4.342	1010	1027	1053	rBV2	121556	324518	6.48%	1.176%
6	5.040	1228	1244	1279	rBV3	270565	690801	13.80%	2.502%
7	5.613	1410	1422	1449	rBV	205315	421980	8.43%	1.529%
8	6.066	1549	1563	1577	rBV	157071	332309	6.64%	1.204%
9	6.982	1838	1848	1873	rBV	70334	141326	2.82%	0.512%
10	7.313	1938	1951	1966	rBV	274313	485311	9.70%	1.758%
11	7.622	2030	2047	2067	rBV	44997	90411	1.81%	0.328%
12	8.088	2179	2192	2224	rBV	350148	713512	14.26%	2.585%
13	8.239	2226	2239	2252	rBV6	29571	81001	1.62%	0.293%
14	8.876	2417	2437	2464	rBV2	1003684	2176336	43.49%	7.884%
15	9.130	2503	2516	2531	rVB9	29411	73002	1.46%	0.264%
16	9.799	2712	2724	2740	rBV9	21945	57655	1.15%	0.209%
17	9.927	2752	2764	2777	rBV	323536	508938	10.17%	1.844%
18	10.214	2843	2853	2869	rVB	132852	230460	4.61%	0.835%
19	10.349	2881	2895	2904	rBV	119104	204335	4.08%	0.740%
20	10.734	3006	3015	3036	rVB4	38234	82728	1.65%	0.300%
21	10.860	3044	3054	3062	rBV2	37304	59669	1.19%	0.216%
22	11.053	3104	3114	3118	rBV	170758	253389	5.06%	0.918%
23	11.085	3118	3124	3139	rVB	273685	418829	8.37%	1.517%
24	11.243	3162	3173	3195	rVB3	515220	1036563	20.71%	3.755%
25	11.390	3210	3219	3228	rBV7	29663	60319	1.21%	0.218%
26	11.448	3229	3237	3252	rVB	96163	151759	3.03%	0.550%
27	11.542	3252	3266	3278	rBV	849336	1324019	26.46%	4.796%
28	11.622	3280	3291	3296	rBV2	386628	627393	12.54%	2.273%
29	11.741	3319	3328	3344	rVB	83273	127856	2.55%	0.463%
30	12.011	3396	3412	3432	rBV	3118479	5004450	100.00%	18.128%
31	12.111	3433	3443	3453	rBV	736622	1147861	22.94%	4.158%
32	12.294	3492	3500	3511	rVB	71393	104355	2.09%	0.378%
33	12.410	3519	3536	3548	rBV	1907016	2793885	55.83%	10.121%
34	12.545	3571	3578	3588	rVB	120583	176327	3.52%	0.639%
35	12.657	3600	3613	3624	rBV5	92475	276544	5.53%	1.002%
36	12.718	3624	3632	3650	rVB	517395	795112	15.89%	2.880%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

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_V\Method\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

37	12.876	3666	3681	3691	rBV2	1925384	3005925	60.07%	10.889%
38	12.921	3692	3695	3710	rVB3	80909	129046	2.58%	0.467%
39	12.995	3711	3718	3727	rVV	135926	184878	3.69%	0.670%
40	13.213	3778	3786	3793	rVB2	79473	115357	2.31%	0.418%
41	13.268	3793	3803	3813	rBV	316039	485845	9.71%	1.760%
42	13.329	3817	3822	3827	rVV	62624	96414	1.93%	0.349%
43	13.365	3828	3833	3837	rVV	98801	132397	2.65%	0.480%
44	13.397	3838	3843	3858	rVB	150921	219850	4.39%	0.796%
45	13.500	3861	3875	3881	rBV3	39820	91825	1.83%	0.333%
46	13.541	3881	3888	3900	rVB4	58173	101083	2.02%	0.366%
47	13.664	3918	3926	3932	rBV2	31390	51932	1.04%	0.188%
48	13.763	3951	3957	3969	rVB2	45760	73351	1.47%	0.266%
49	13.905	3991	4001	4016	rBV2	75564	138189	2.76%	0.501%
50	14.088	4048	4058	4070	rBV5	85811	192760	3.85%	0.698%
51	14.226	4094	4101	4112	rVV	45567	74202	1.48%	0.269%
52	14.287	4114	4120	4134	rVB3	40066	68710	1.37%	0.249%
53	14.426	4155	4163	4177	rVB7	36337	70667	1.41%	0.256%
54	14.628	4217	4226	4235	rBV3	33165	57611	1.15%	0.209%
55	14.815	4274	4284	4295	rBV4	50143	94503	1.89%	0.342%
56	15.529	4488	4506	4517	rBV2	28391	77225	1.54%	0.280%
57	15.660	4538	4547	4567	rVB2	59492	114120	2.28%	0.413%
58	15.805	4577	4592	4601	rBV	97002	160552	3.21%	0.582%
59	16.480	4787	4802	4812	rBV2	70404	119720	2.39%	0.434%

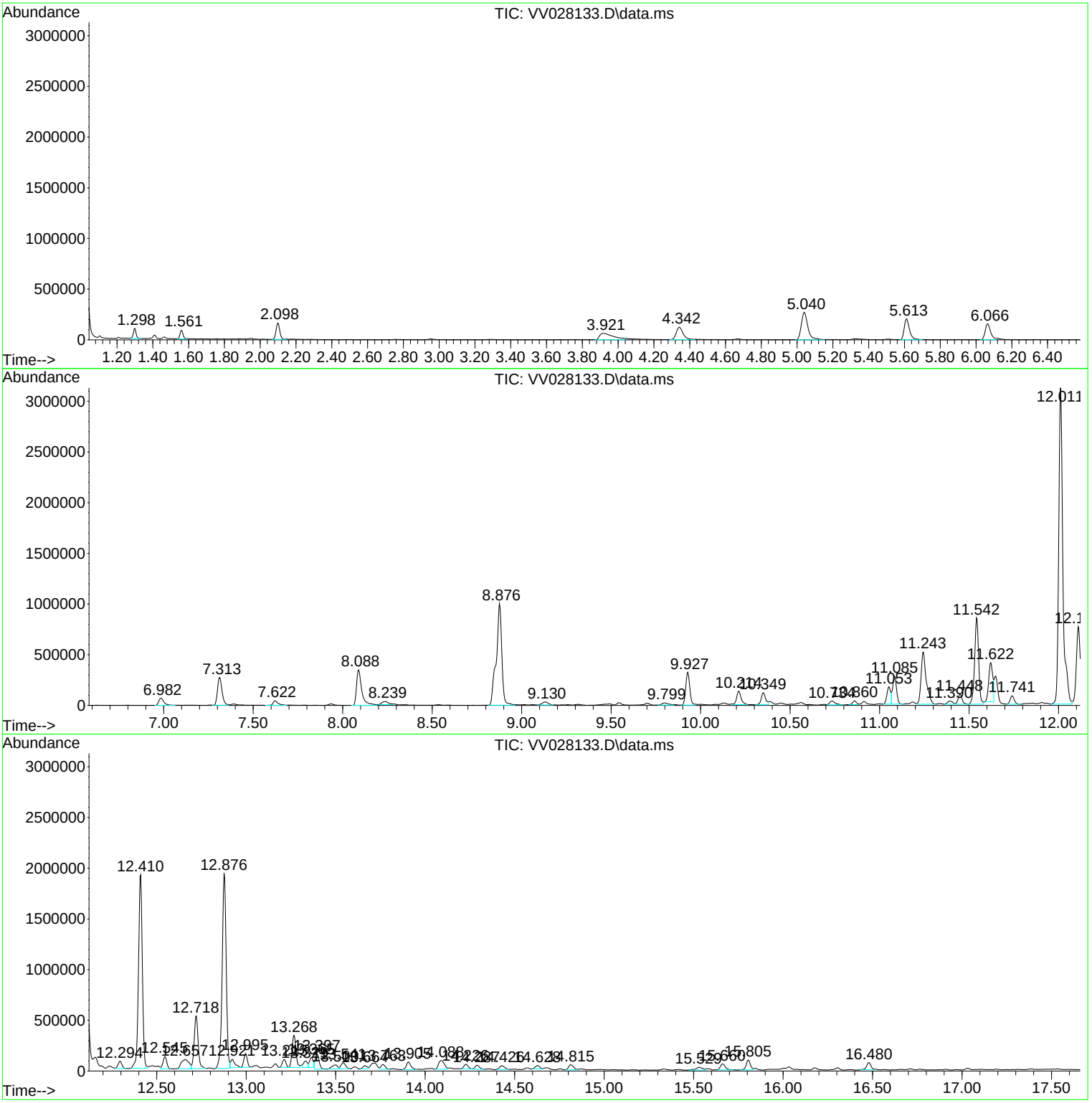
Sum of corrected areas: 27605974

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

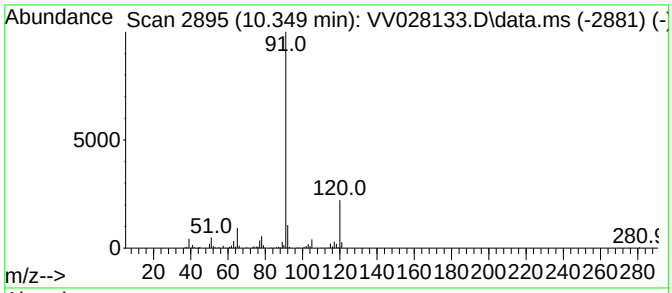
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

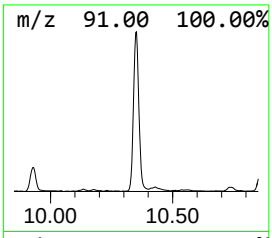
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

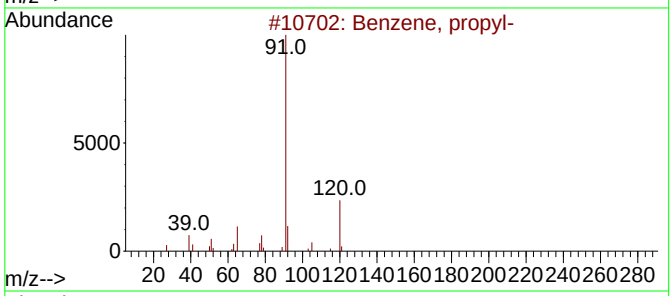
****
Peak Number 2 Benzene, propyl- Concentration Rank 13

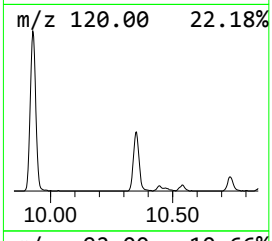
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	0.99 ug/L	204335	1,4-Dichlorobenzene-d4	11.246

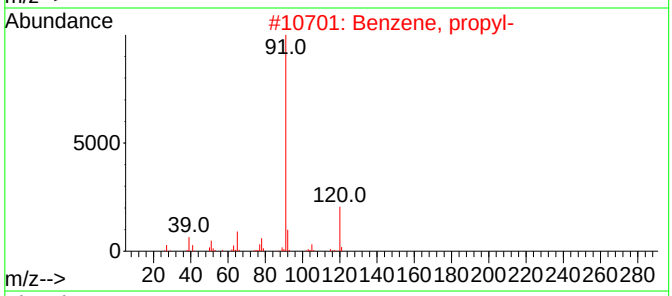
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Butylbenzylamine	163	C11H17N	002403-22-7	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64

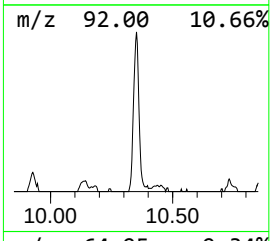


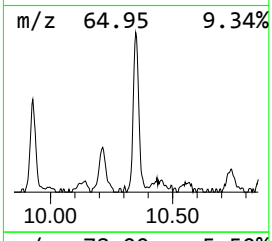


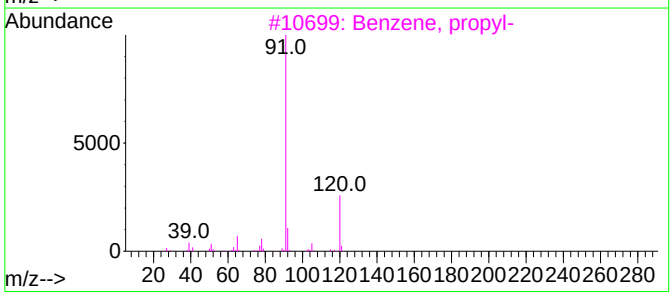


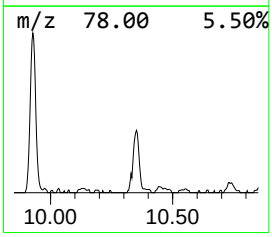












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

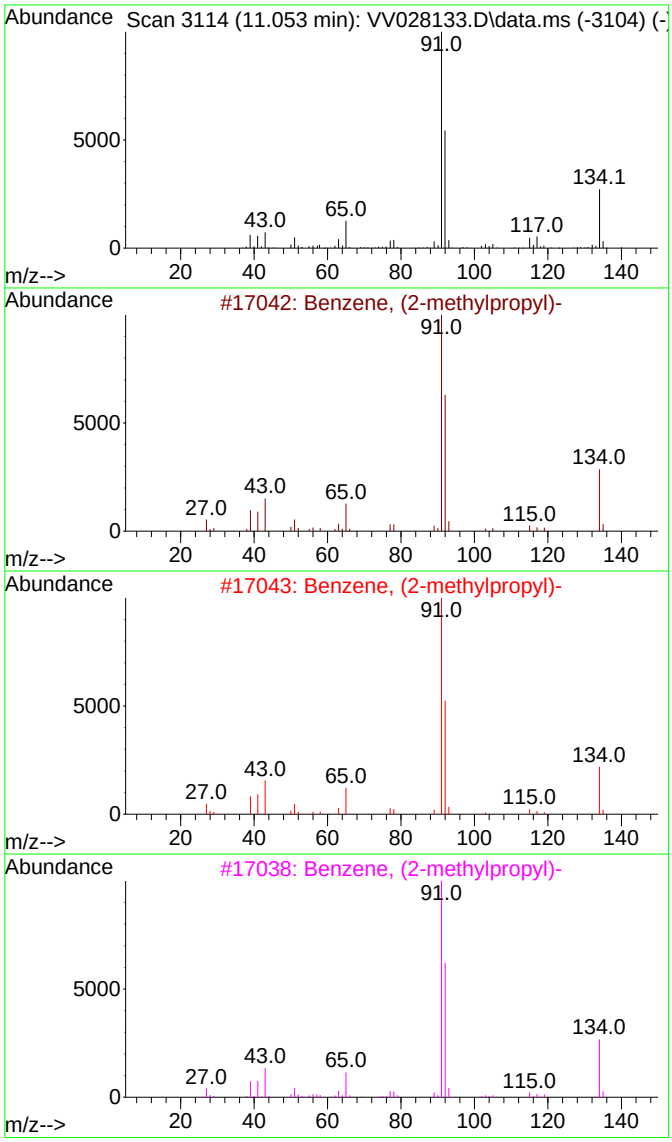
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

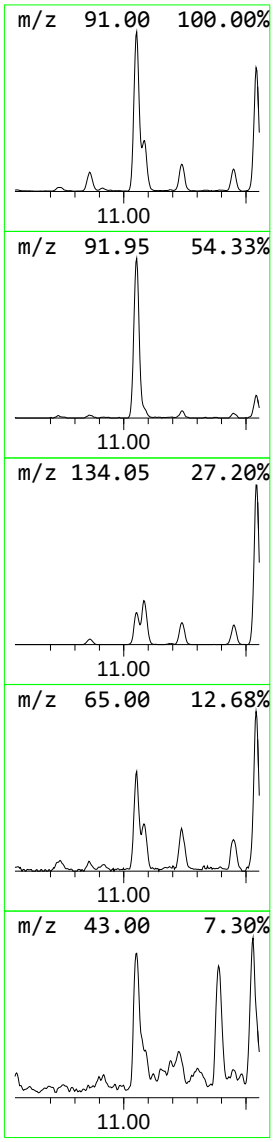
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (2-methylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.053	1.22 ug/L	253389	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
5	Benzene, n-butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

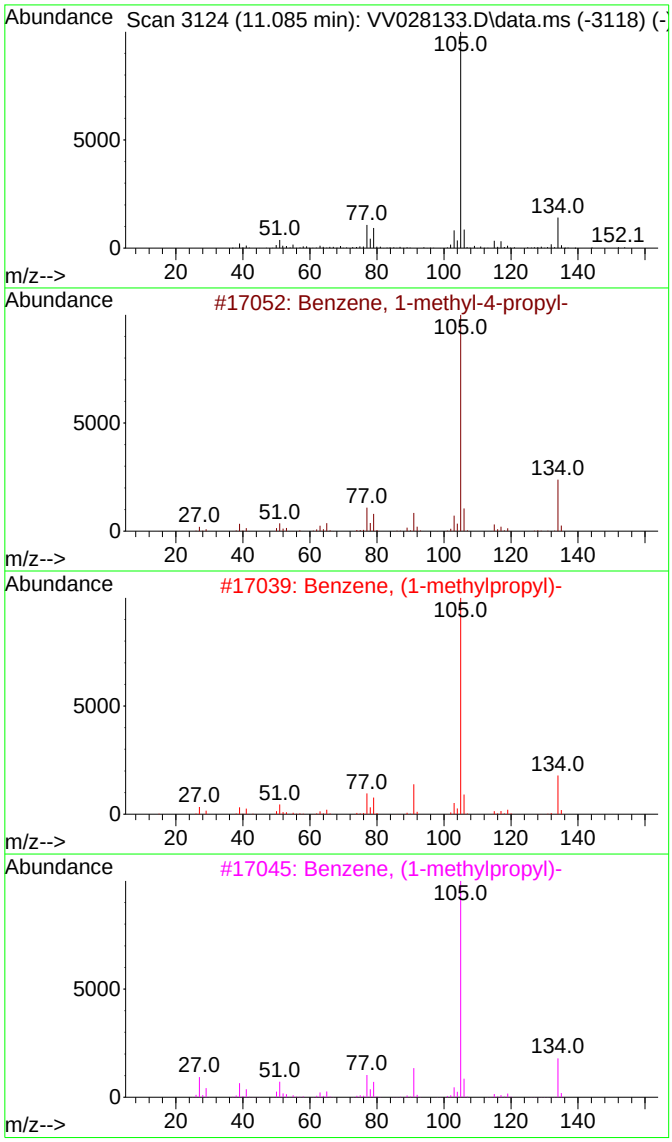
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

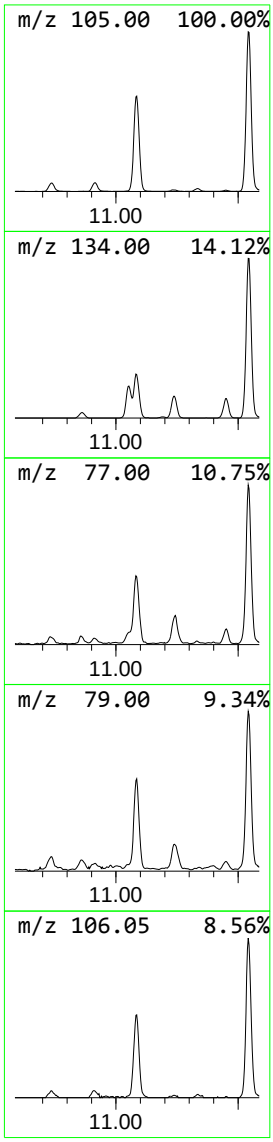
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	2.02 ug/L	418829	1,4-Dichlorobenzene-d4	11.246

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-methylpropyl)-	134	C10H14	000135-98-8	78
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	78
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

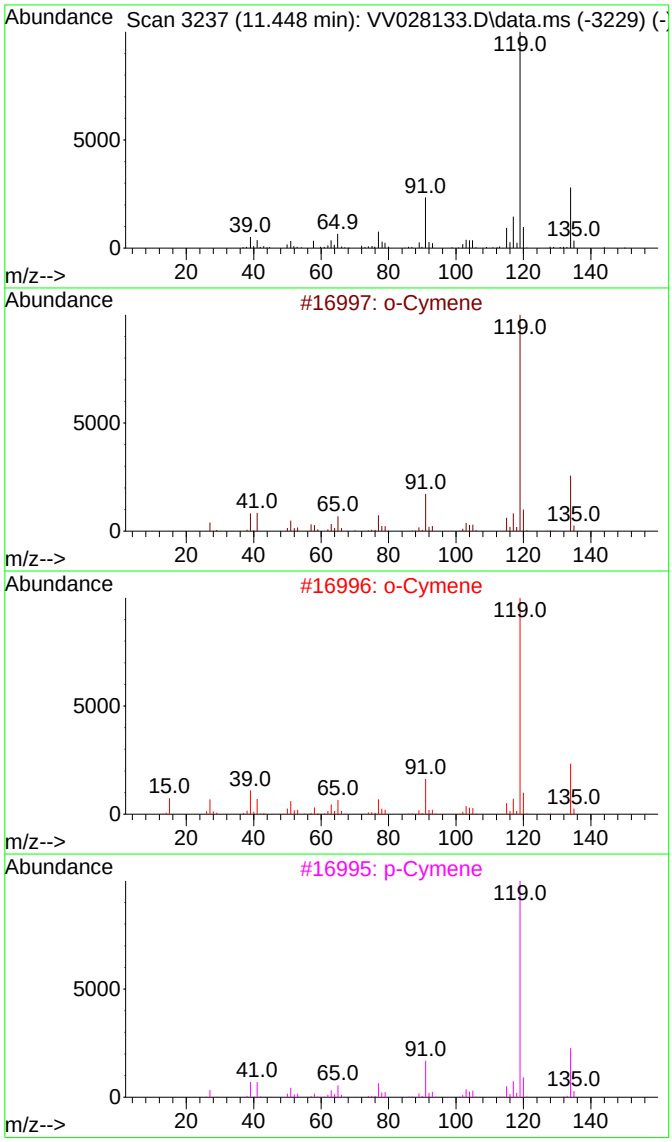
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

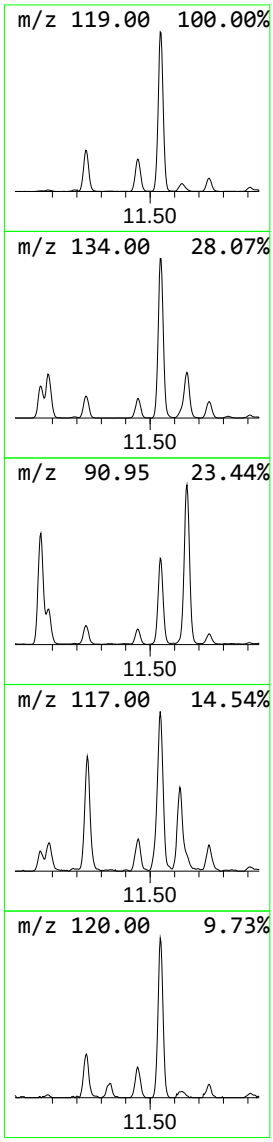
****

Peak Number 5 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.448	0.73 ug/L	151759	1,4-Dichlorobenzene-d4	11.246

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	p-Cymene	134	C10H14	000099-87-6	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

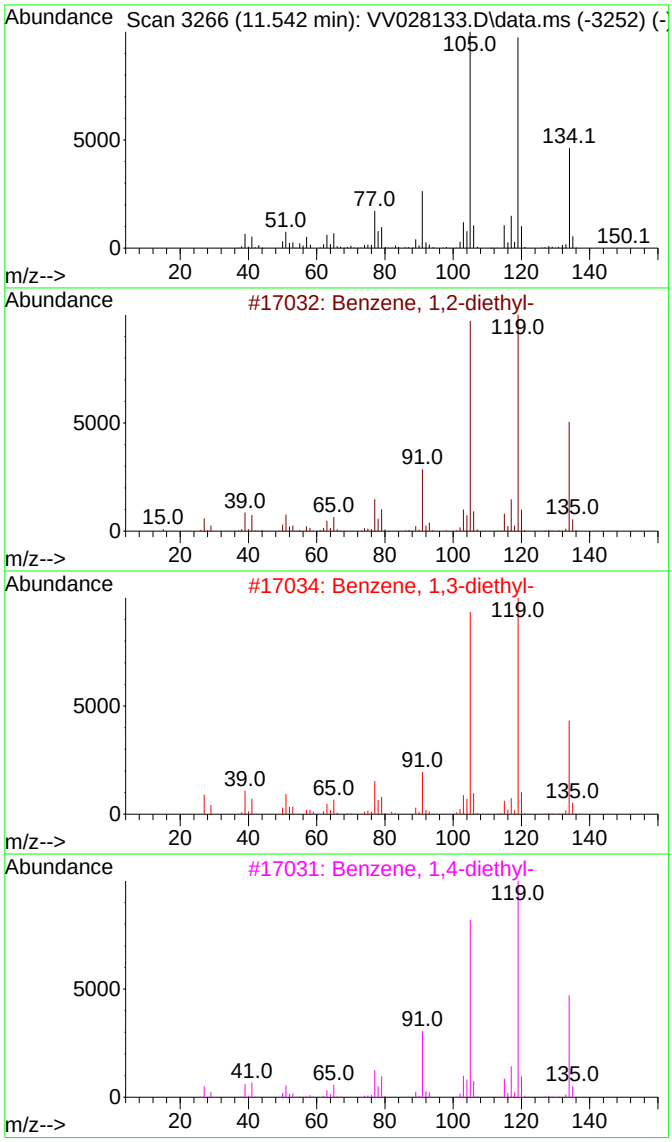
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

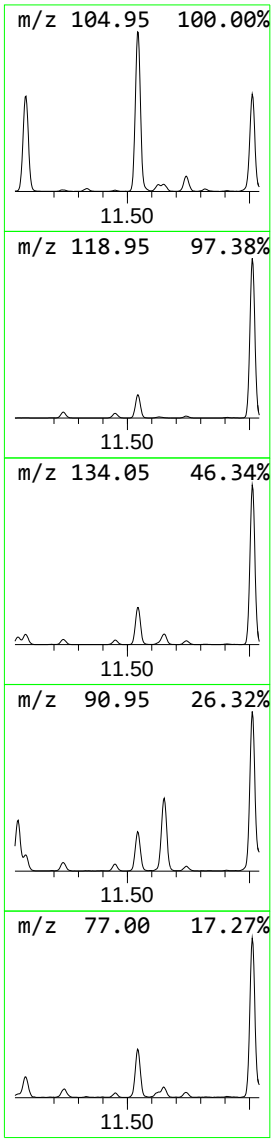
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.541	6.39 ug/L	1324020	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

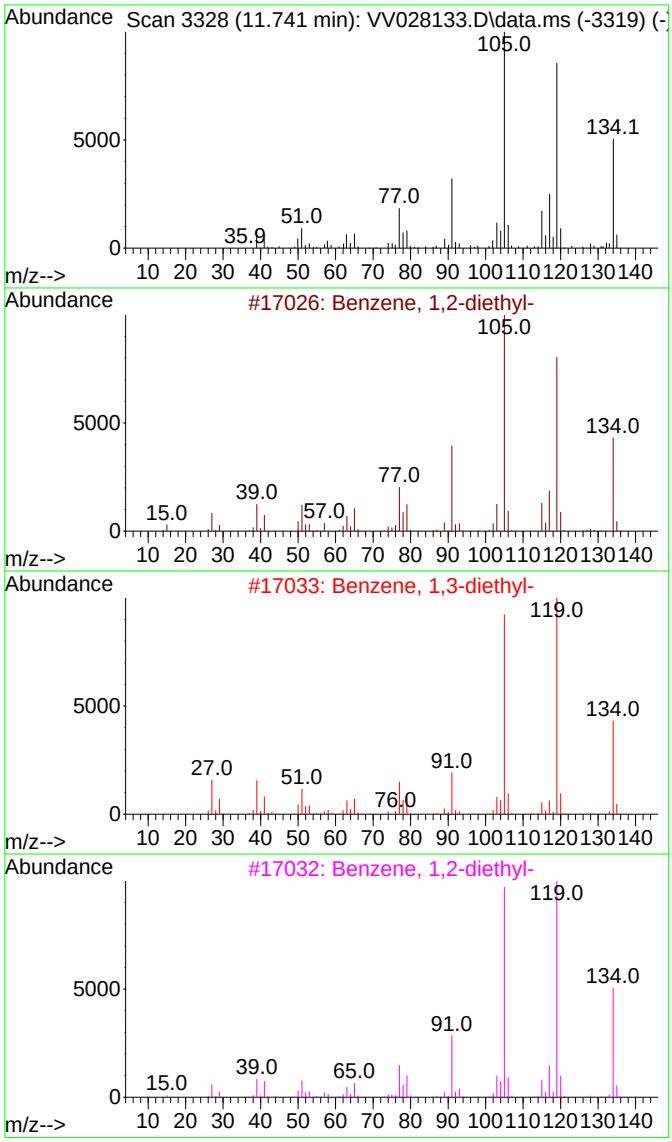
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

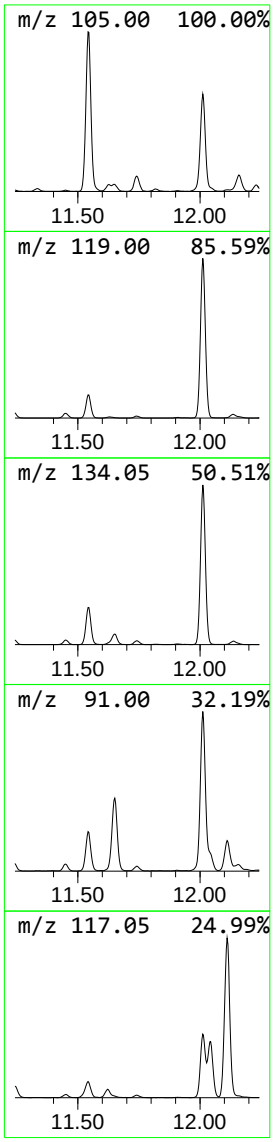
****

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.741	0.62 ug/L	127856	1,4-Dichlorobenzene-d4	11.246

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





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Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

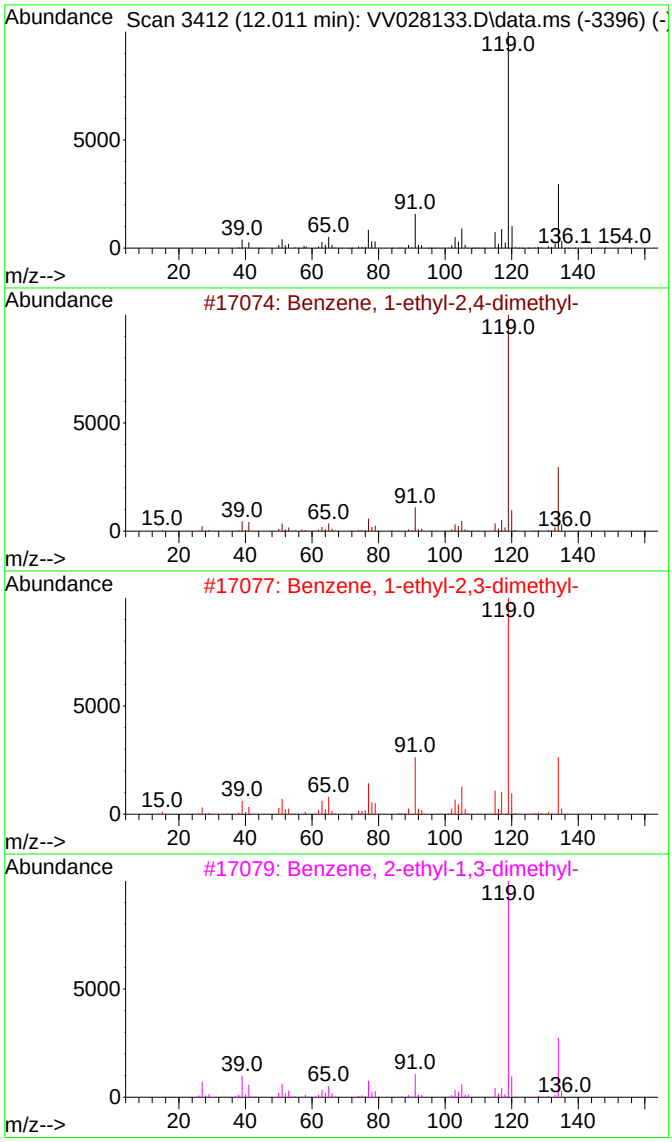
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

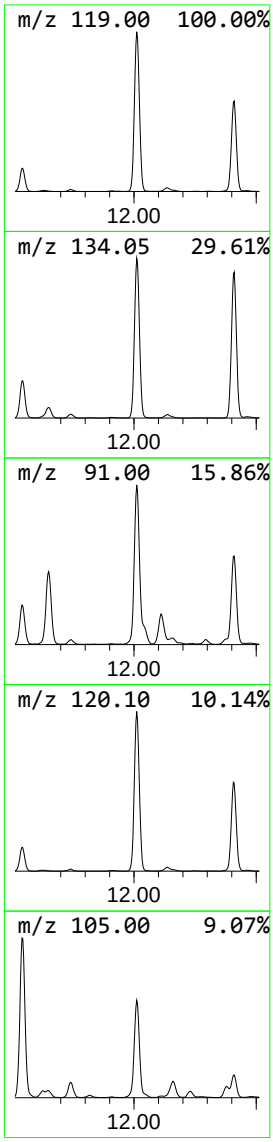
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.011	24.14 ug/L	5004450	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

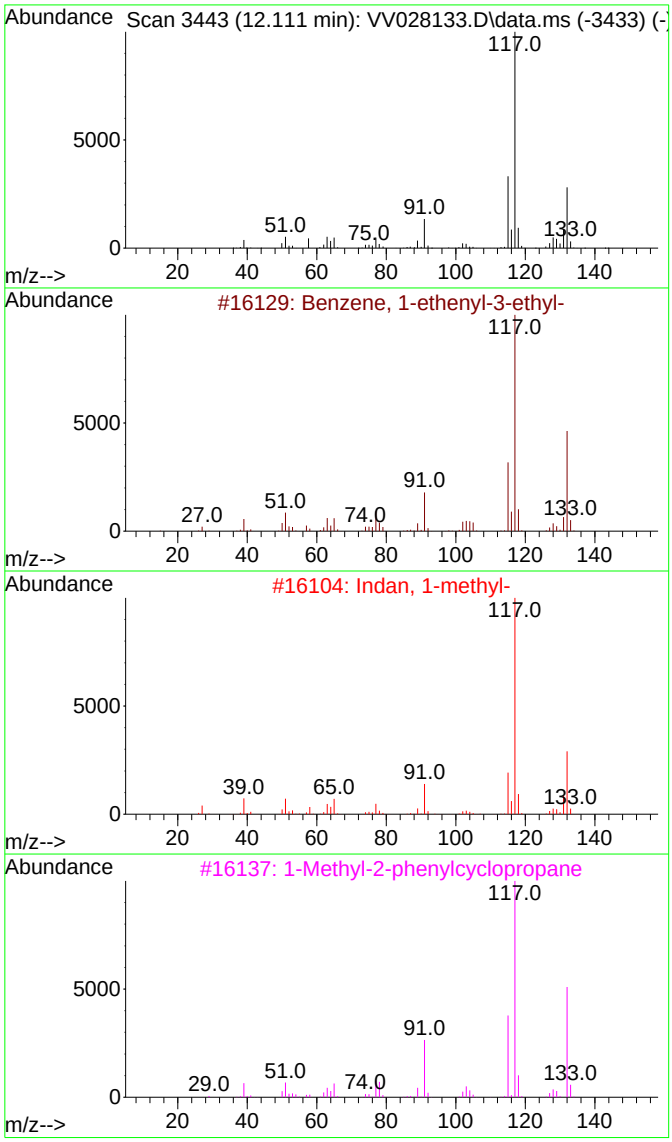
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

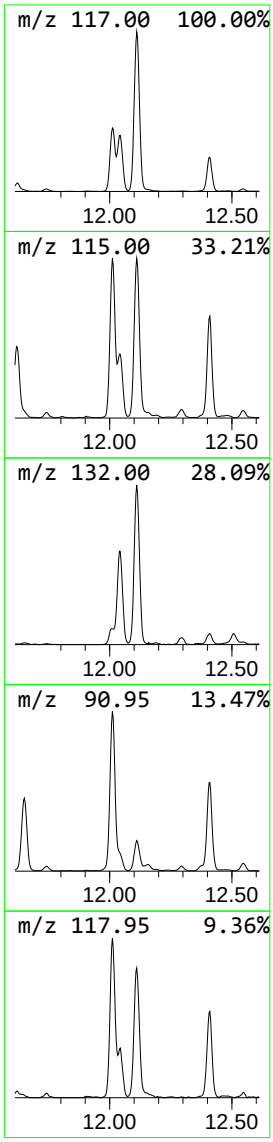
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.111	5.54 ug/L	1147860	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

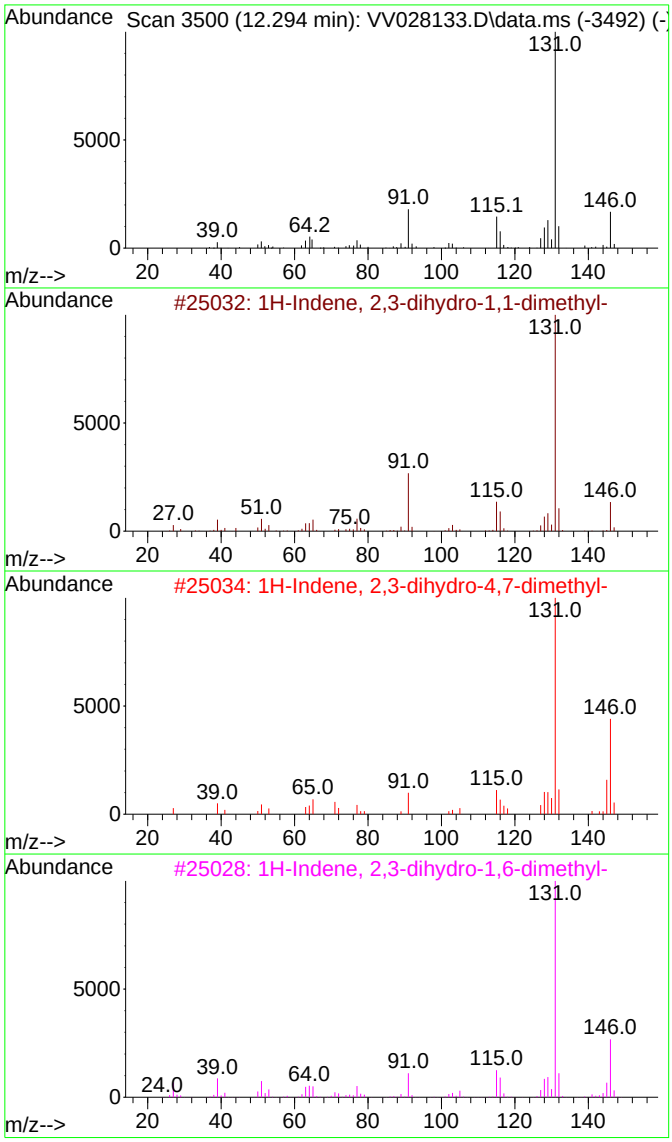
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

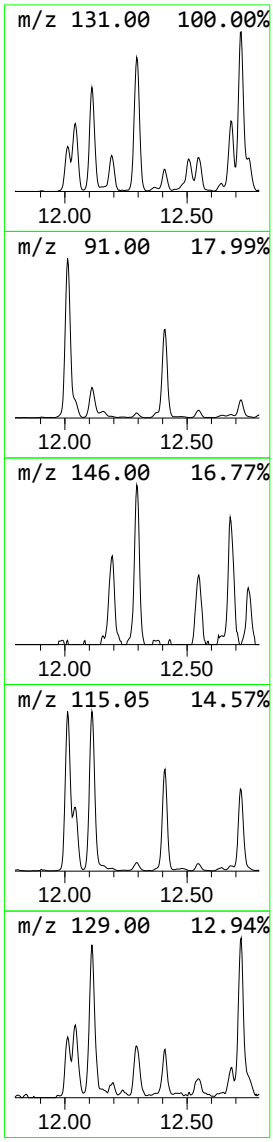
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.294	0.50 ug/L	104355	1,4-Dichlorobenzene-d4	11.246

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-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90





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Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

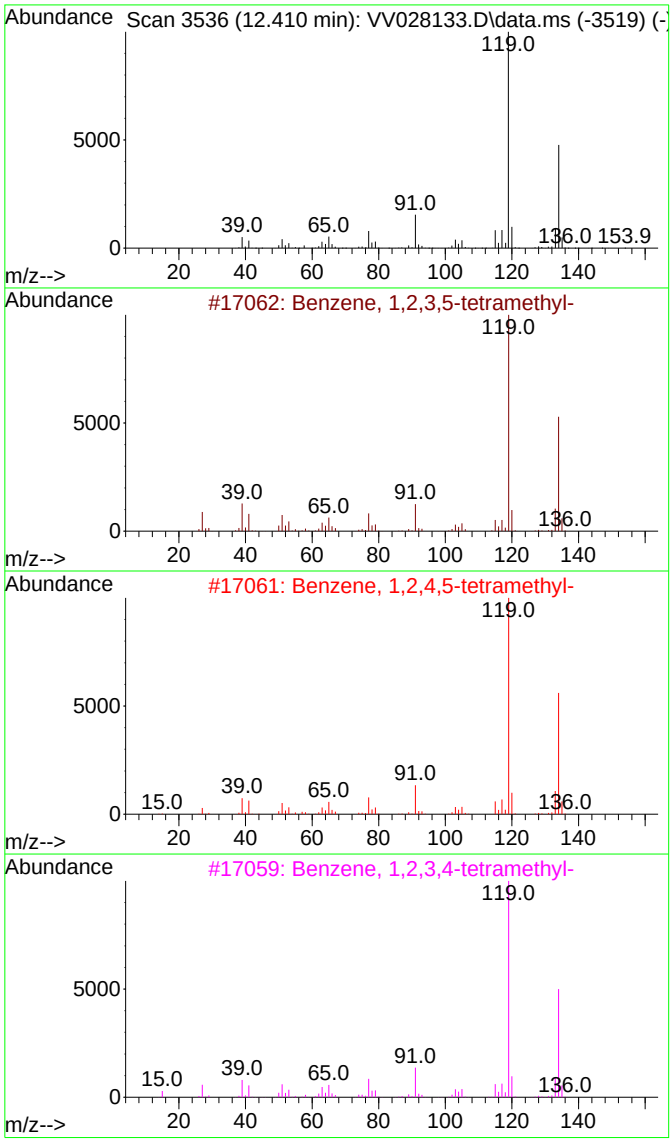
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

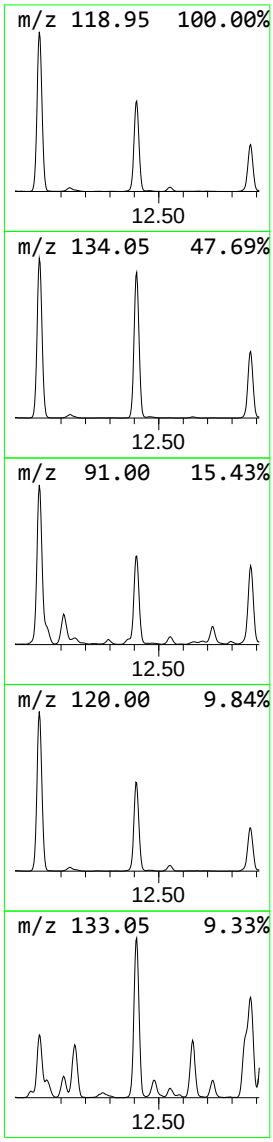
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	13.48 ug/L	2793890	1,4-Dichlorobenzene-d4	11.246

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

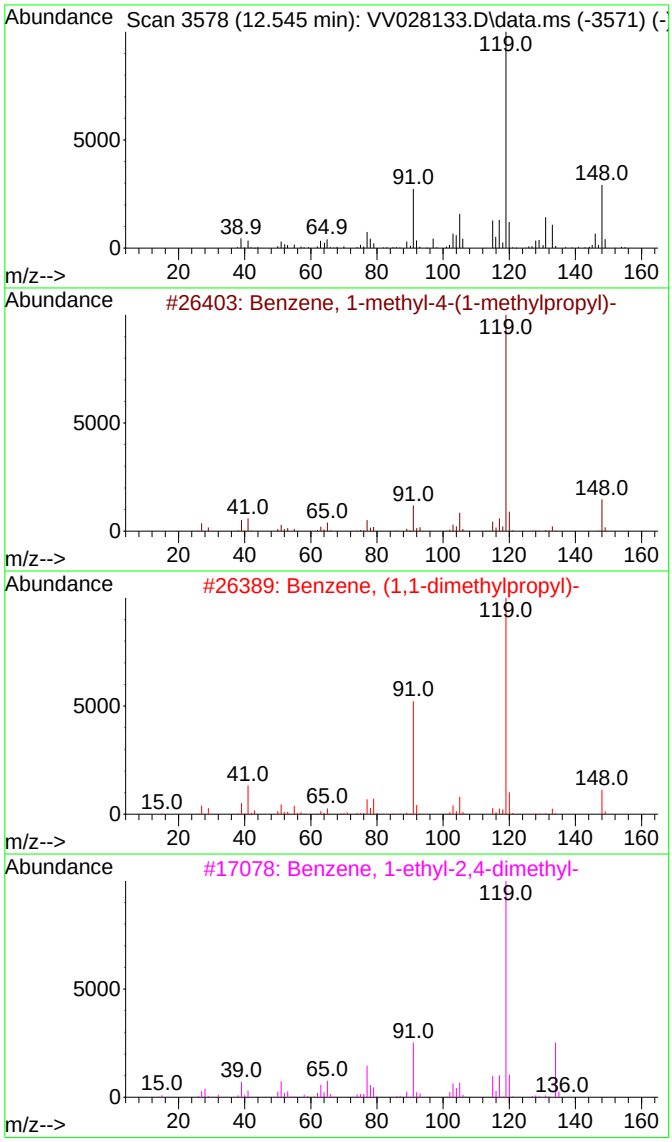
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

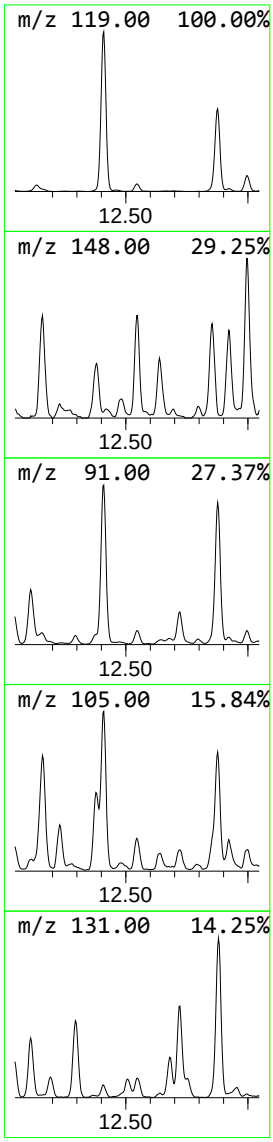
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	0.85 ug/L	176327	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
4	o-Cymene	134	C10H14	000527-84-4	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

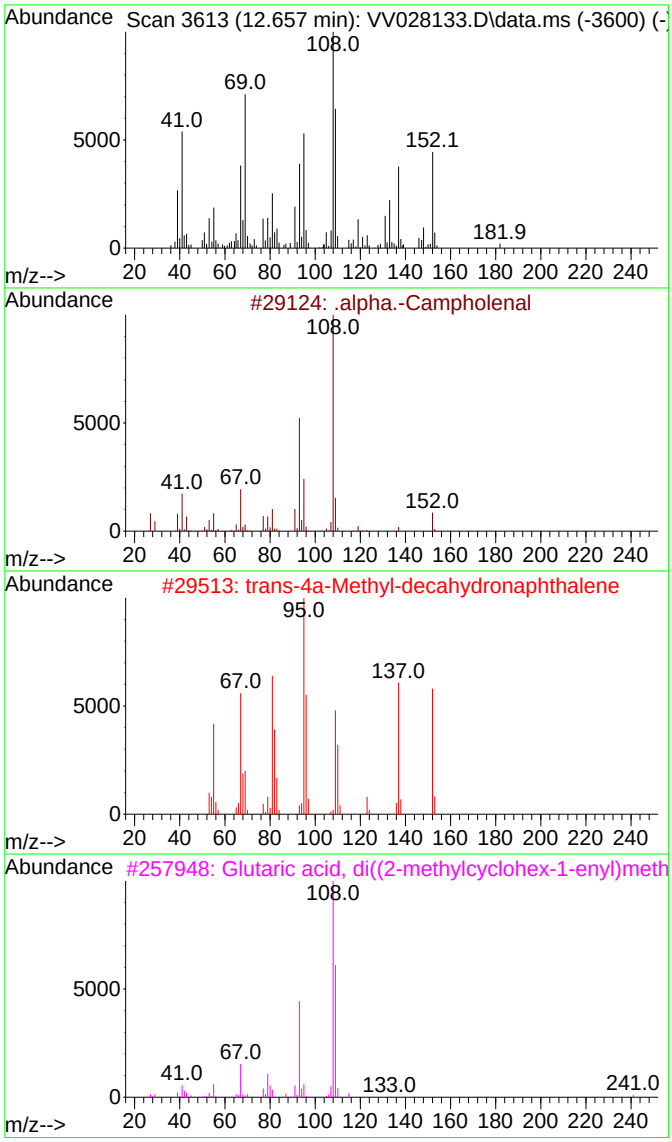
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

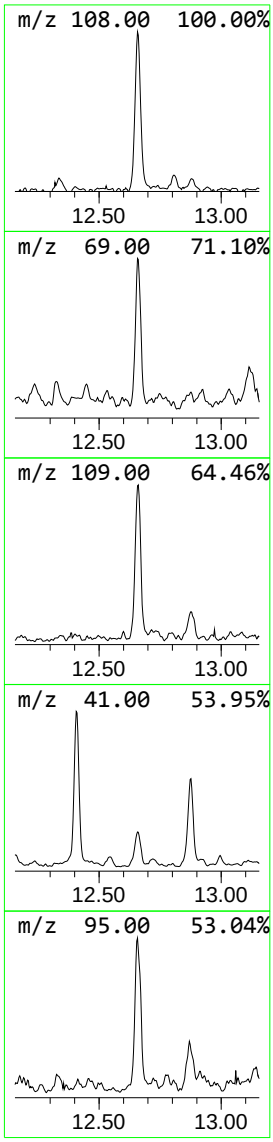
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 .alpha.-Campholenal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	1.33 ug/L	276544	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Campholenal	152	C10H16O	004501-58-0	50
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	41
3	Glutaric acid, di((2-methylcyclo...	348	C21H32O4	1000405-51-2	38
4	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	38
5	Ethanol, 2-(4-methylphenoxy)-	152	C9H12O2	015149-10-7	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

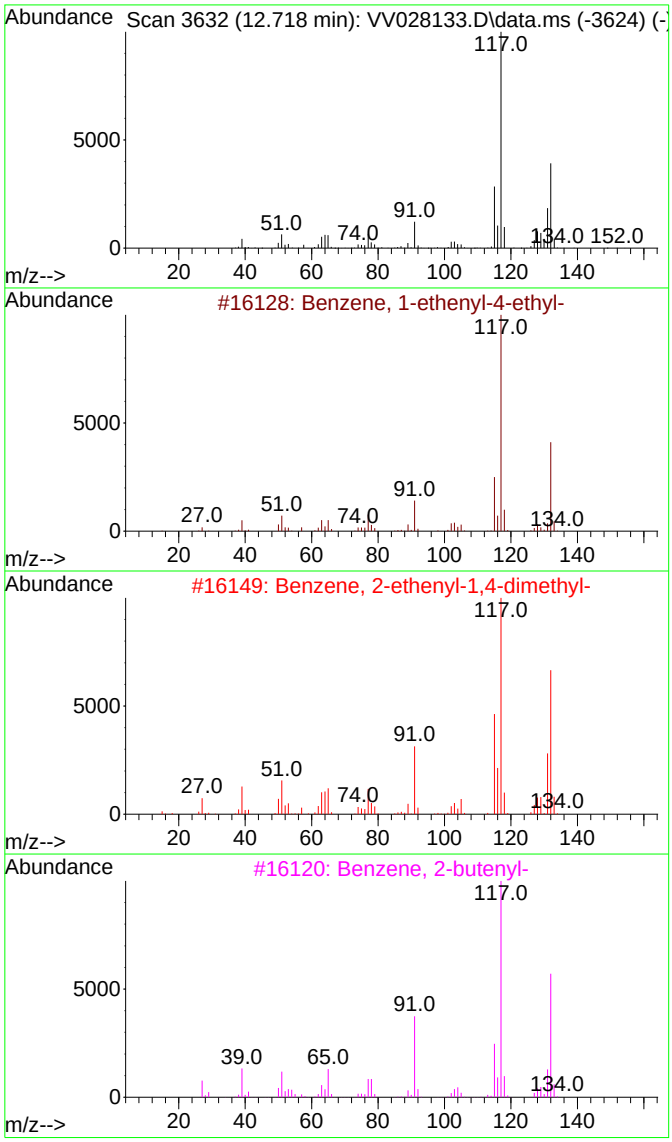
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

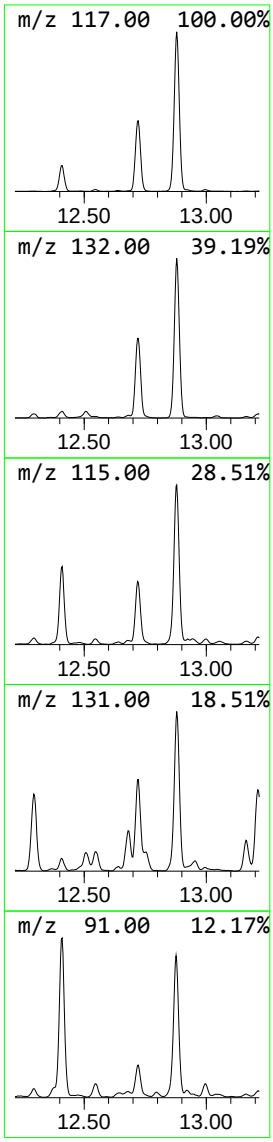
****

Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.718	3.84 ug/L	795112	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	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_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

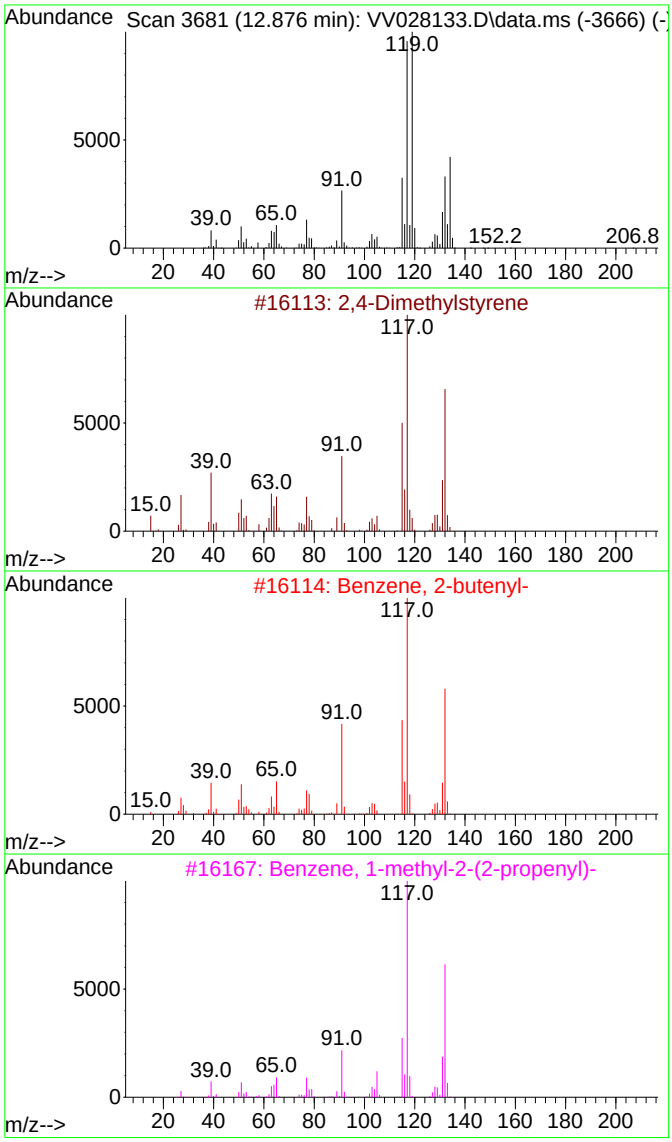
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

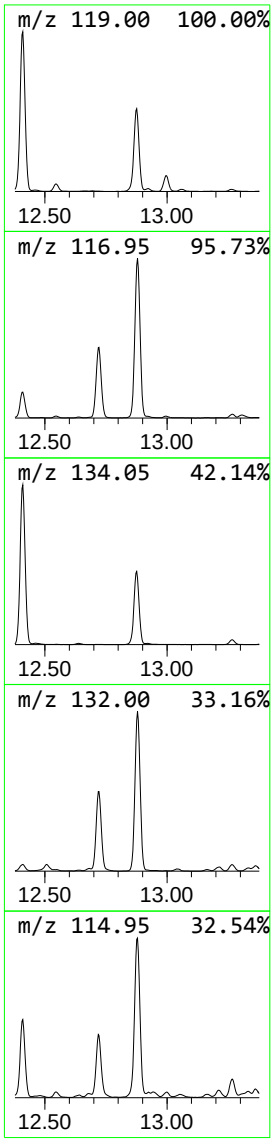
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.876	14.50 ug/L	3005930	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

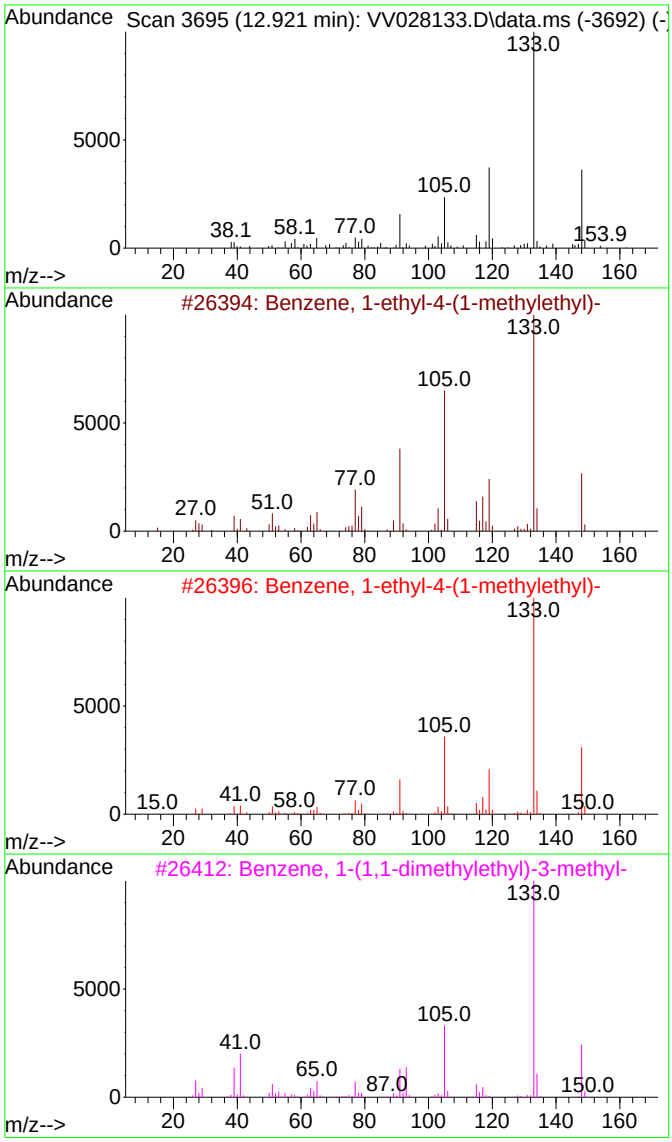
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

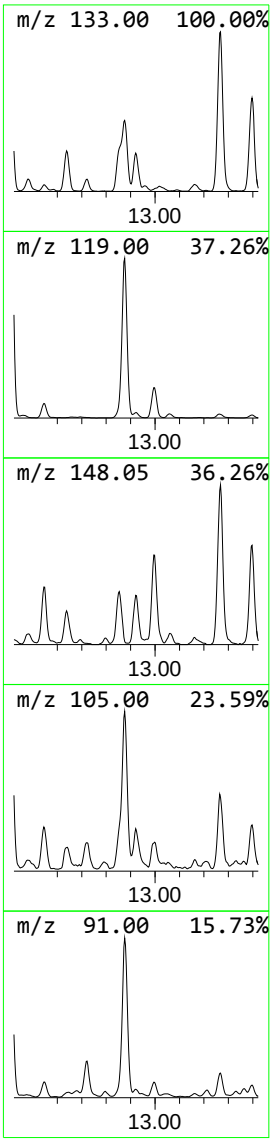
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	0.62 ug/L	129046	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	64
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

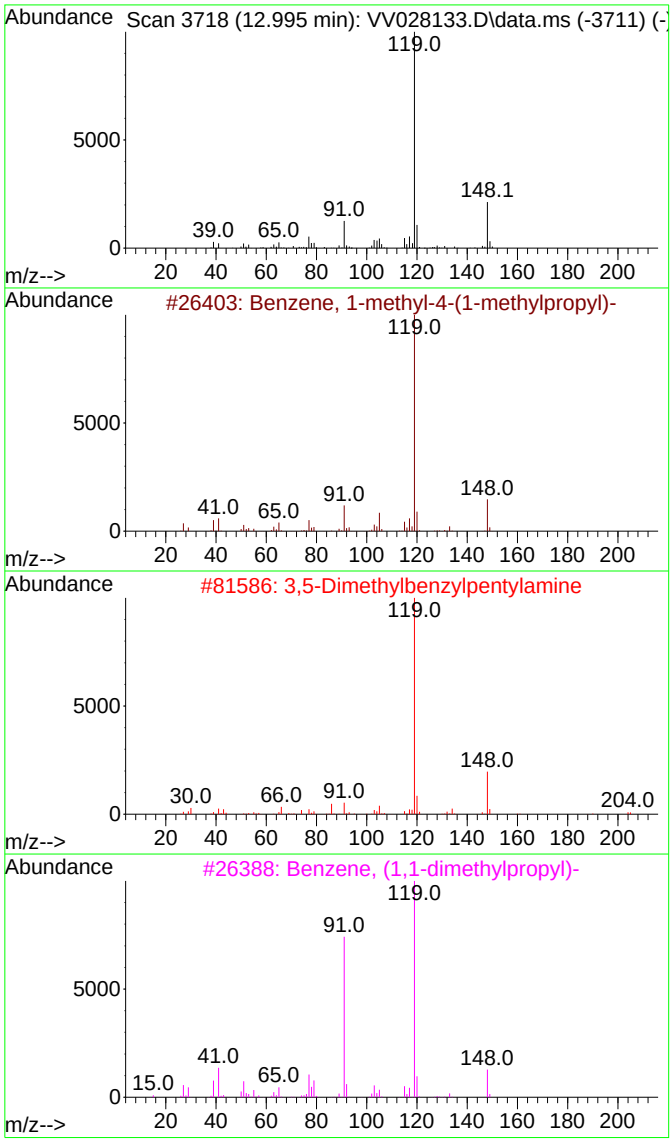
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

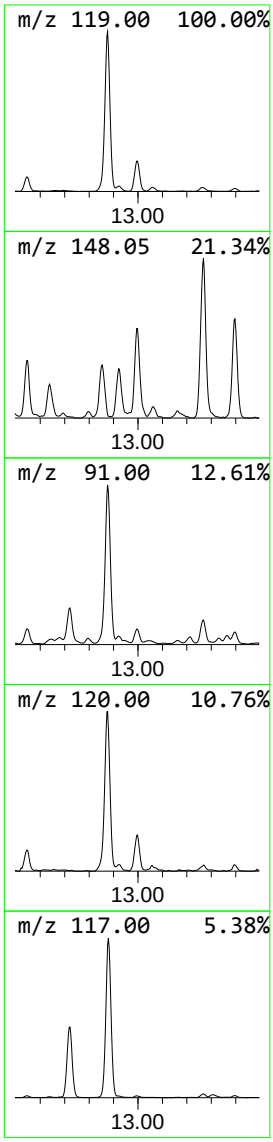
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3,5-Dimethylbenzylpentylamine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.995	0.89 ug/L	184878	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	78
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

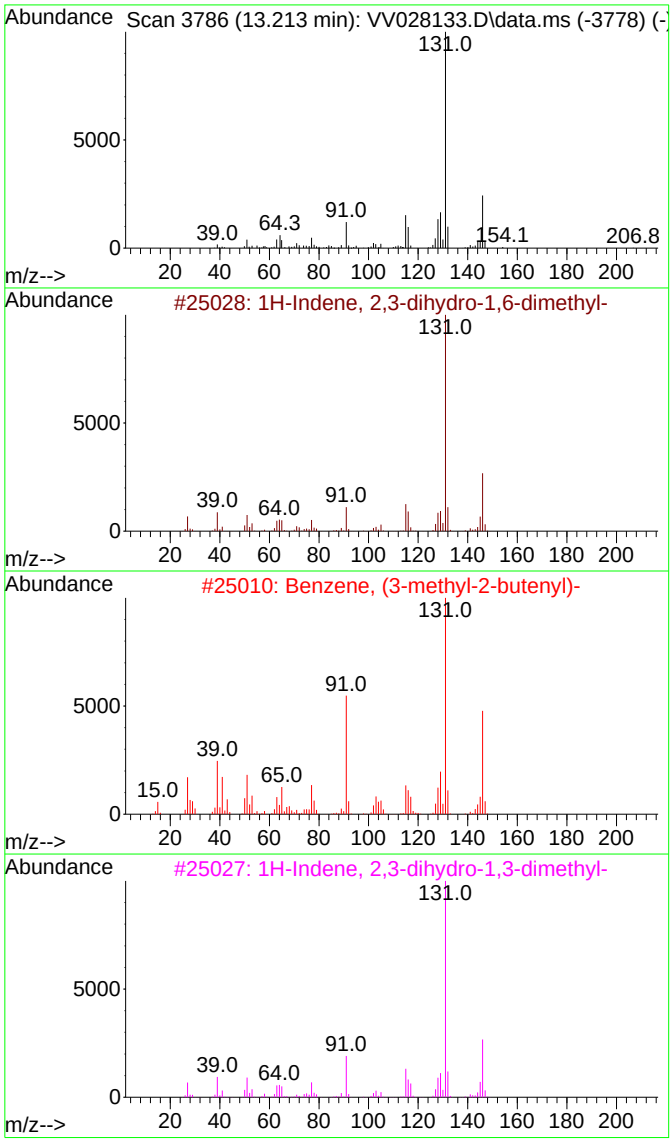
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

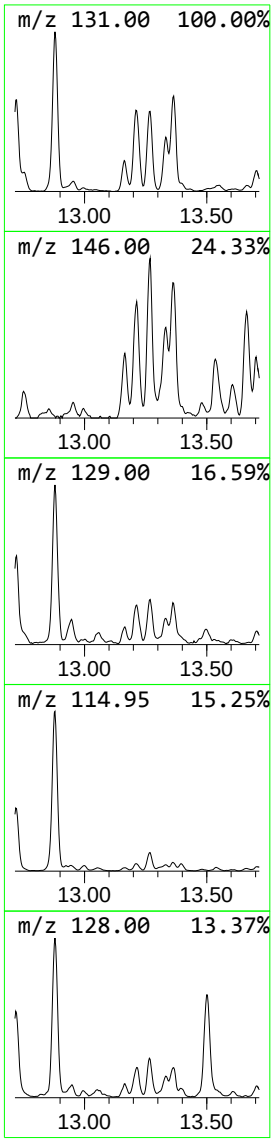
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.214	0.56 ug/L	115357	1,4-Dichlorobenzene-d4	11.246

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	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





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Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

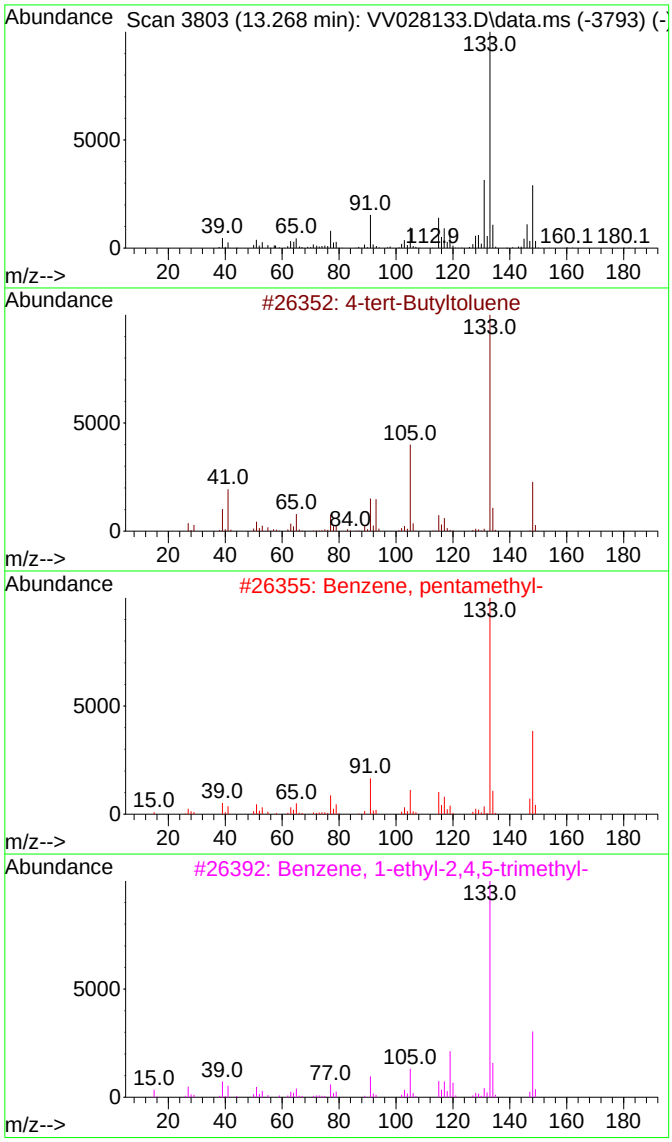
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

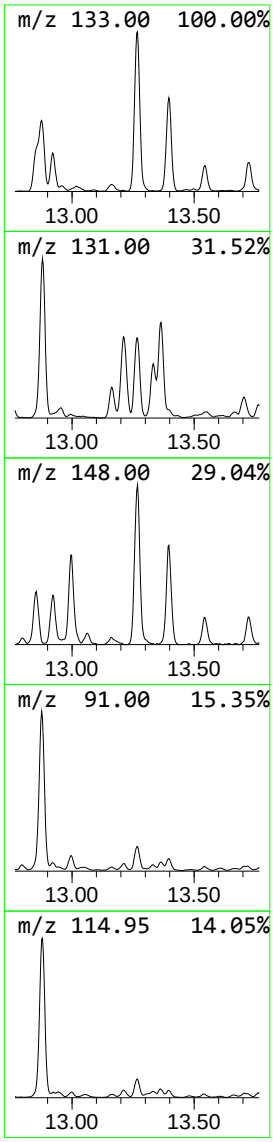
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4-tert-Butyltoluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	2.34 ug/L	485845	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butyltoluene	148	C11H16	000098-51-1	70
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	68
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	68
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	62





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Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

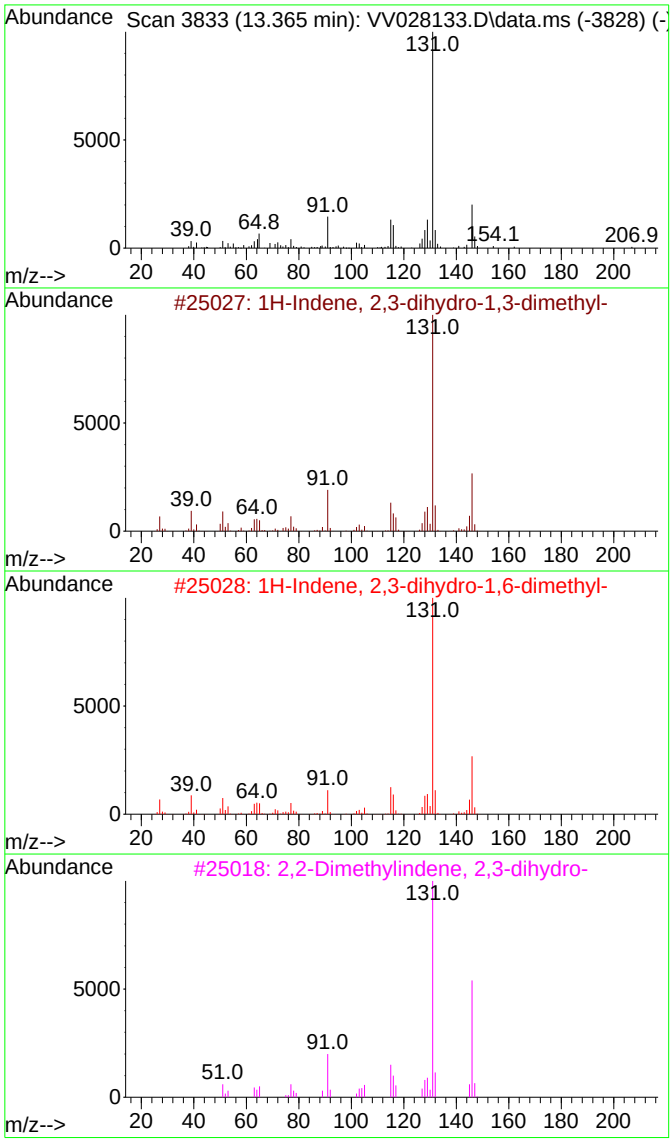
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

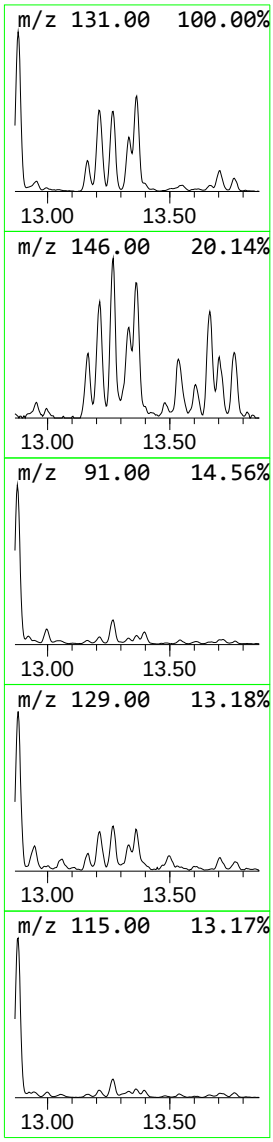
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.365	0.64 ug/L	132397	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





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Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

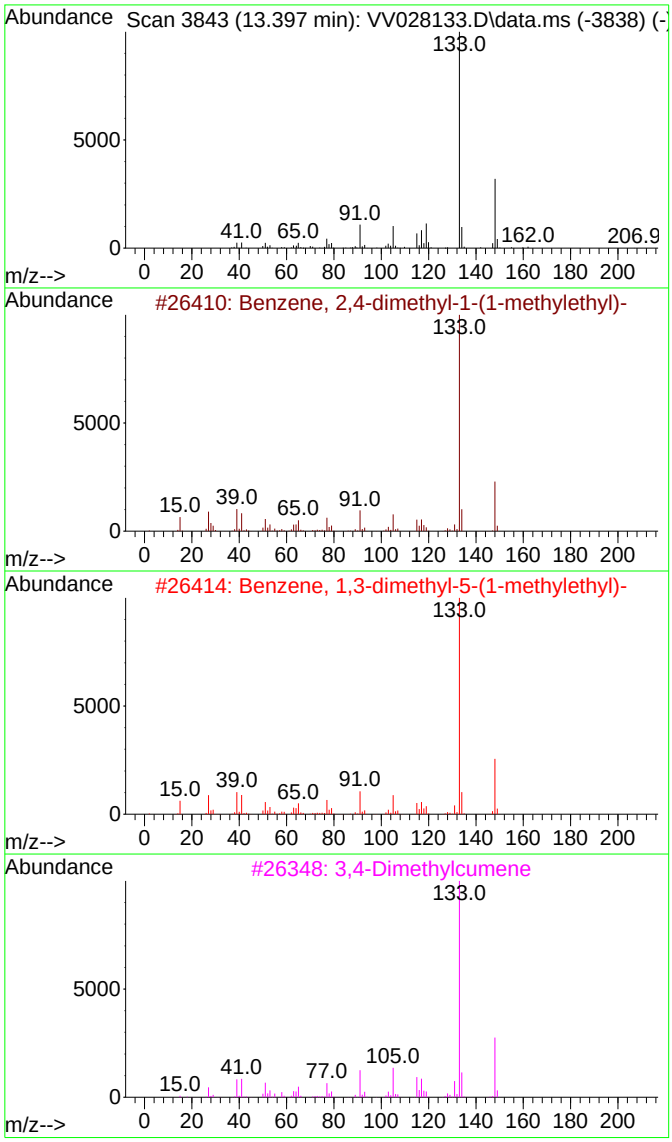
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

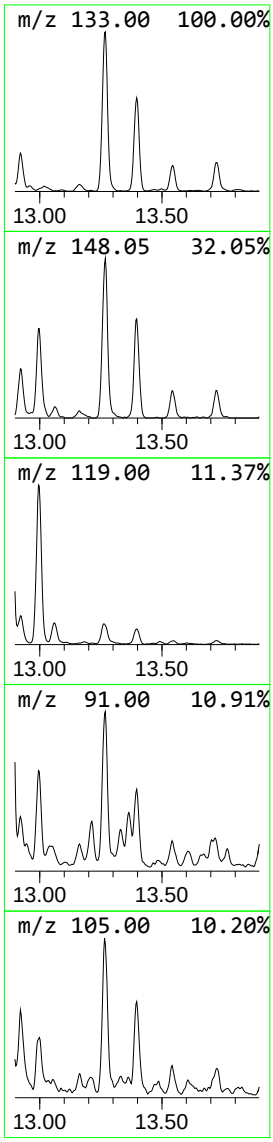
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.397	1.06 ug/L	219850	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	86
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	80
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

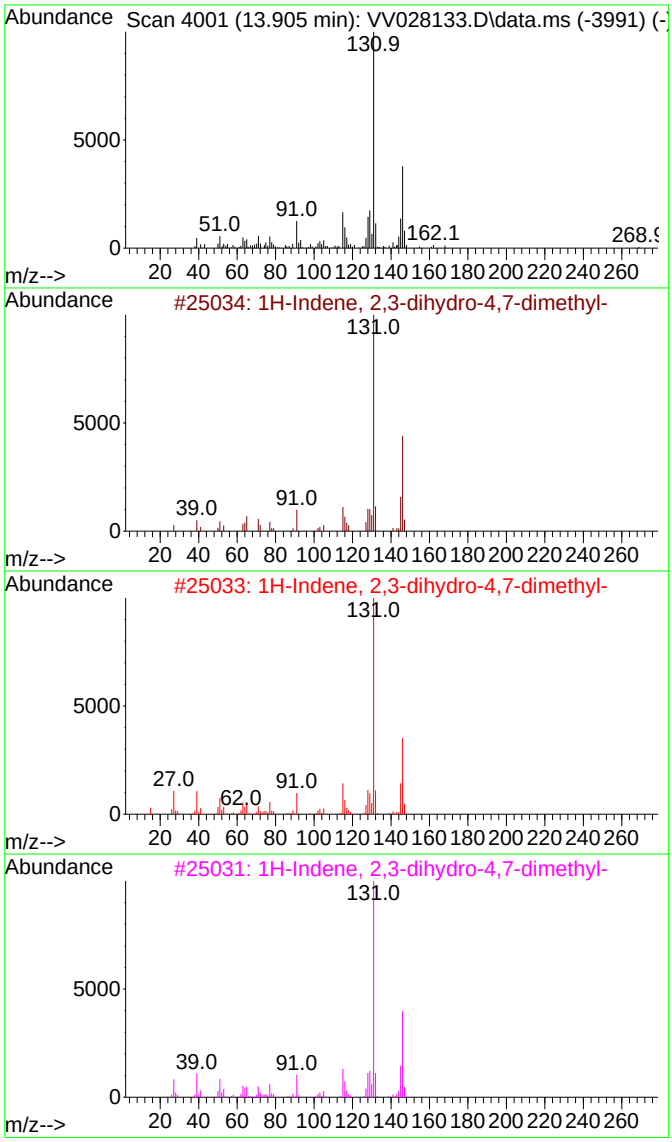
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

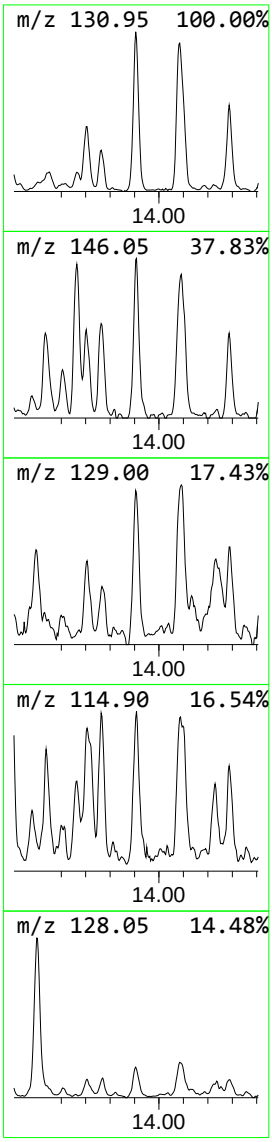
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.905	0.67 ug/L	138189	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

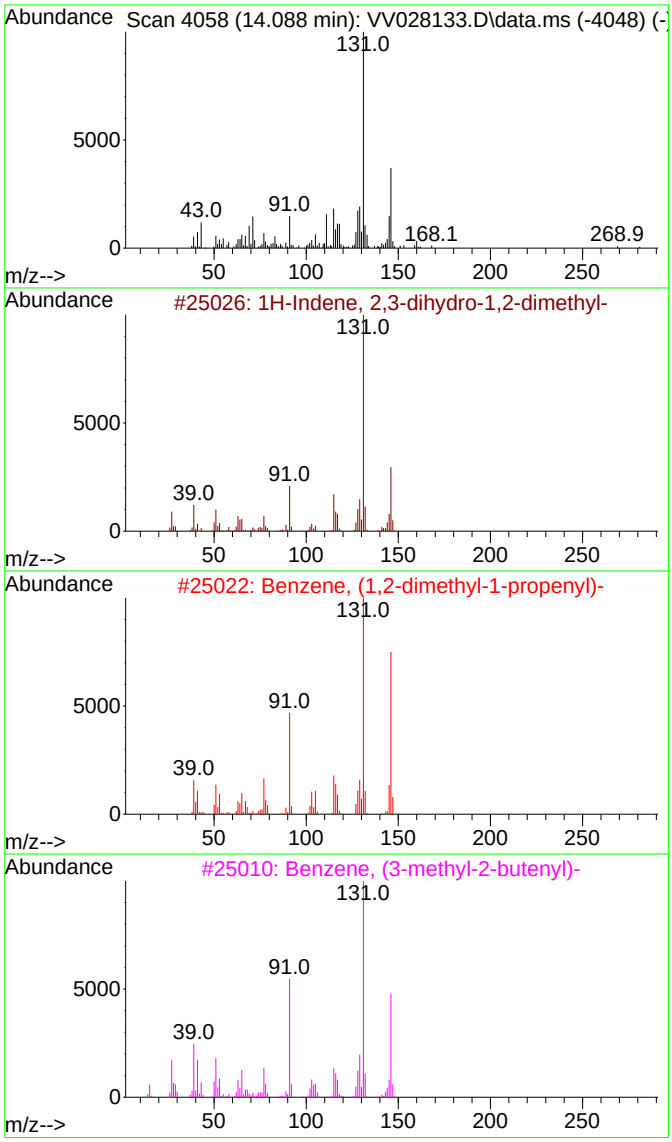
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

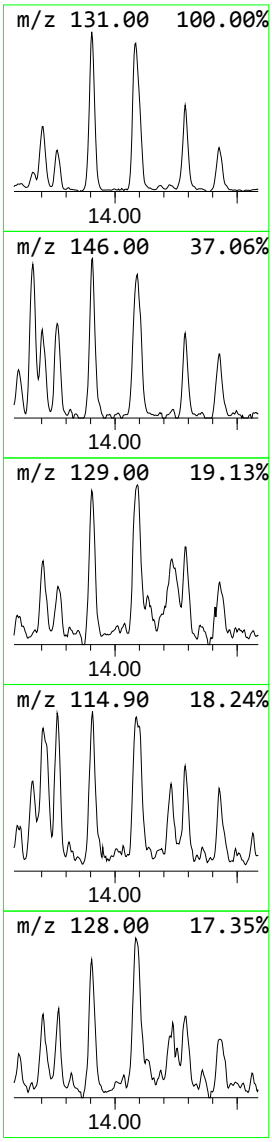
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.088	0.93 ug/L	192760	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

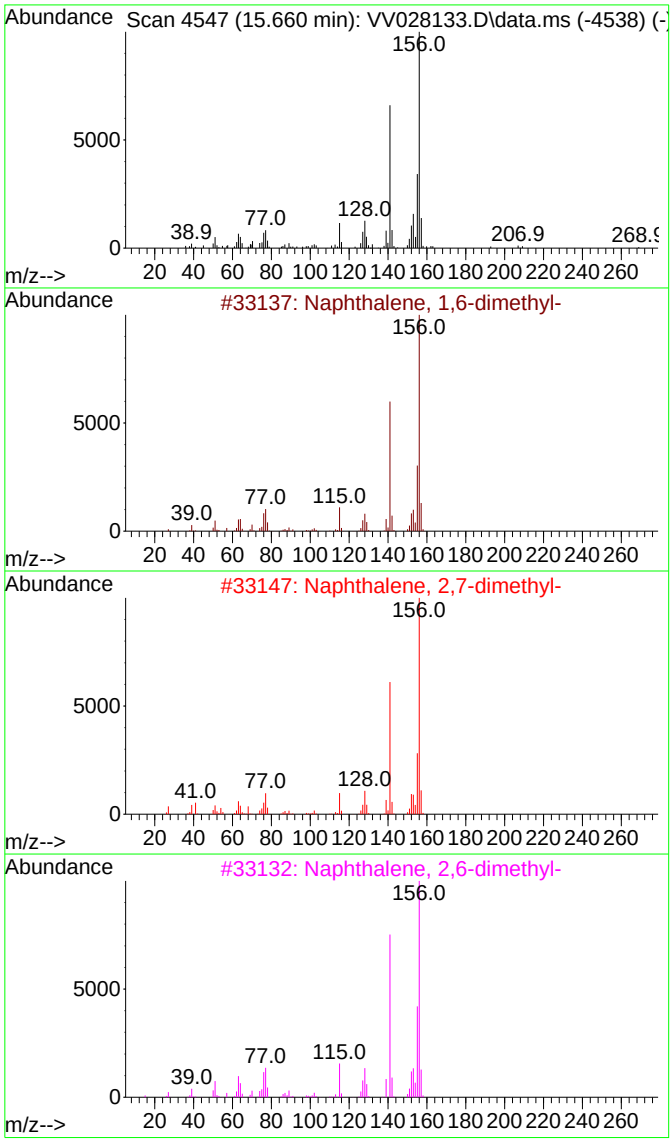
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

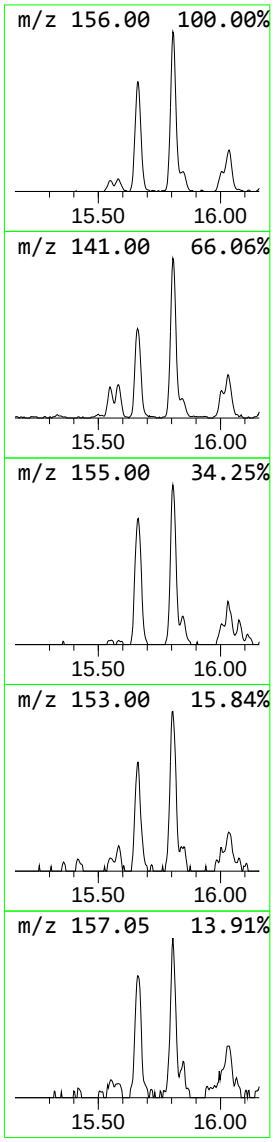
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.660	0.55 ug/L	114120	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

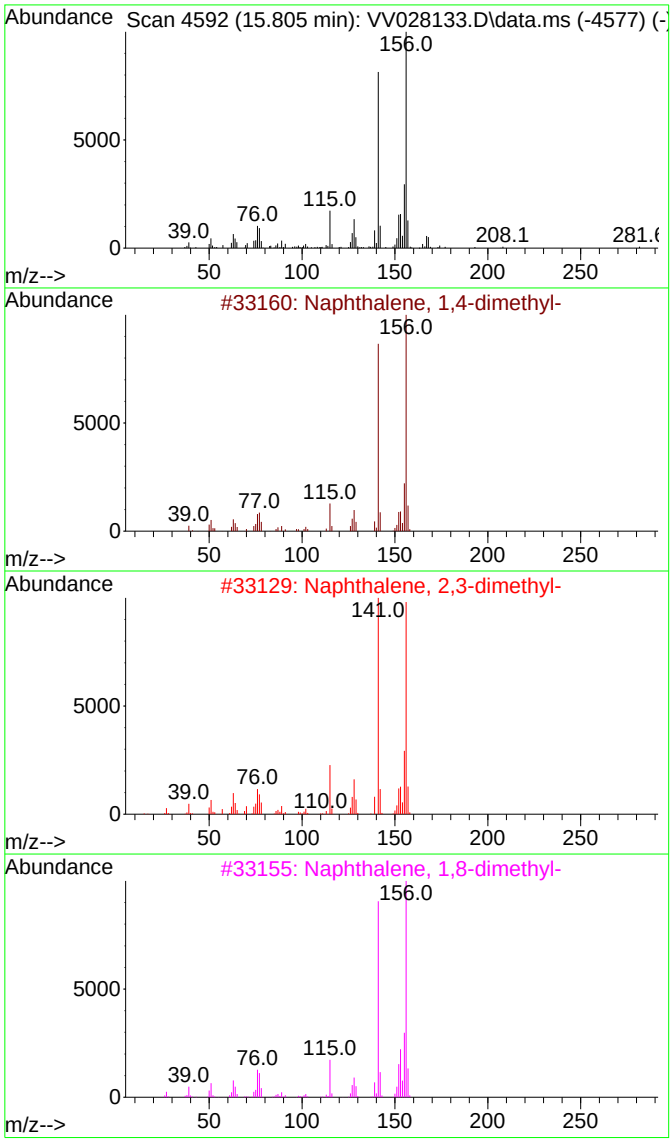
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

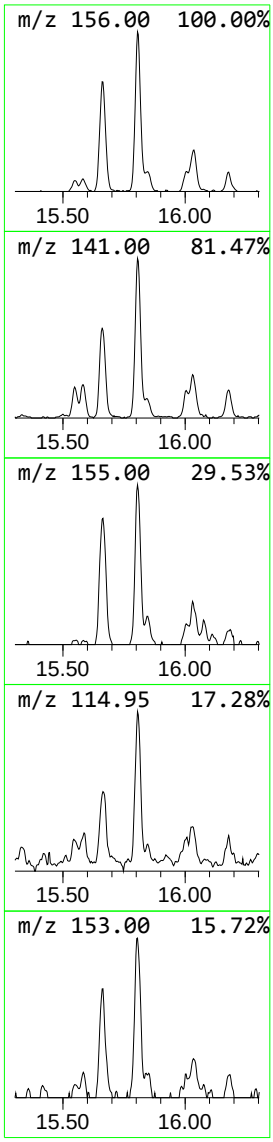
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.805	0.77 ug/L	160552	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

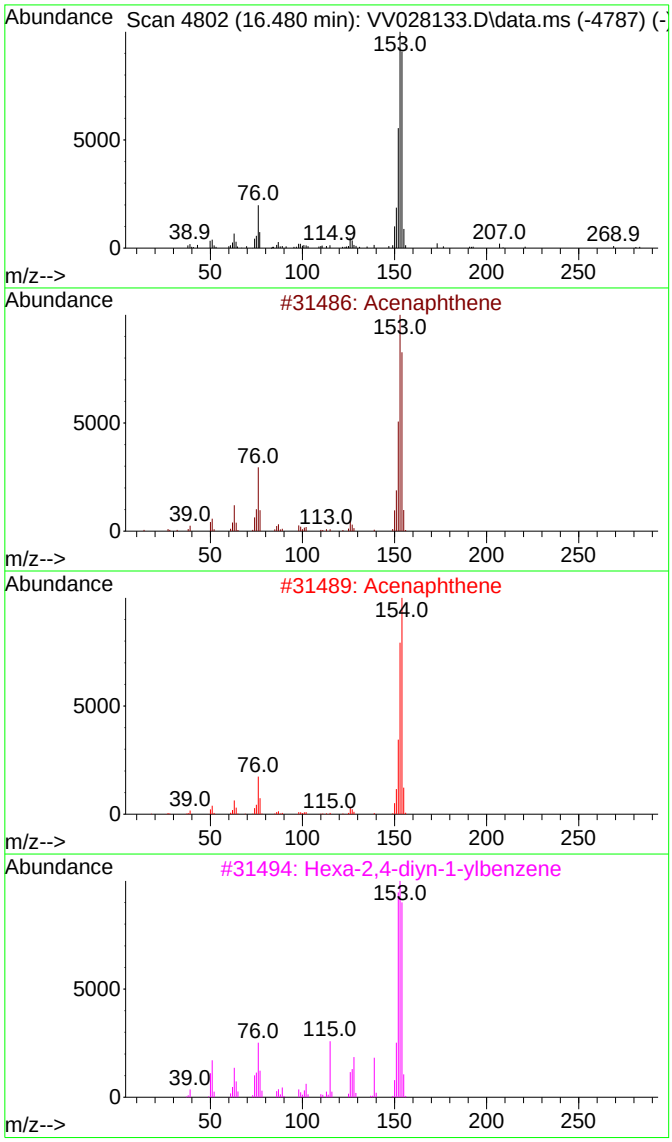
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

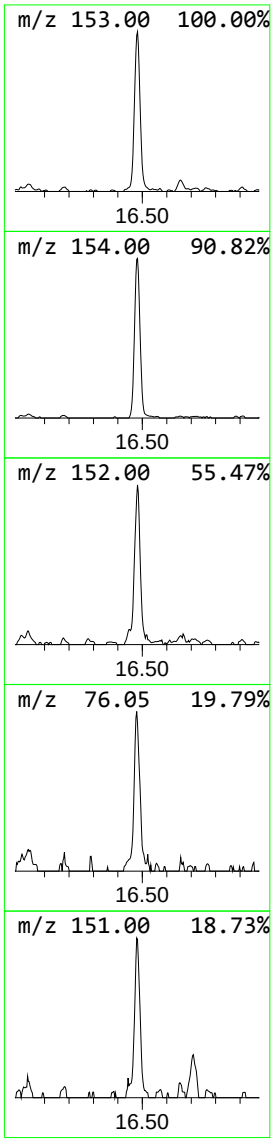
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Acenaphthene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	0.58 ug/L	119720	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	89
2	Acenaphthene	154	C12H10	000083-32-9	81
3	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
5	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028133.D
Acq On : 27 Sep 2022 12:40
Operator : SY/MD
Sample : N4820-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.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-	10.349	1.0	ug/L	204335	3	11.246	1036560	5.0
Benzene, (2-met...	11.053	1.2	ug/L	253389	3	11.246	1036560	5.0
Benzene, 1-meth...	11.085	2.0	ug/L	418829	3	11.246	1036560	5.0
o-Cymene	11.448	0.7	ug/L	151759	3	11.246	1036560	5.0
Benzene, 1,2-di...	11.541	6.4	ug/L	1324020	3	11.246	1036560	5.0
Benzene, 1,3-di...	11.741	0.6	ug/L	127856	3	11.246	1036560	5.0
Benzene, 1-ethy...	12.011	24.1	ug/L	5004450	3	11.246	1036560	5.0
Benzene, 1-ethe...	12.111	5.5	ug/L	1147860	3	11.246	1036560	5.0
1H-Indene, 2,3-...	12.294	0.5	ug/L	104355	3	11.246	1036560	5.0
Benzene, 1,2,3,...	12.410	13.5	ug/L	2793890	3	11.246	1036560	5.0
Benzene, 1-meth...	12.545	0.8	ug/L	176327	3	11.246	1036560	5.0
.alpha.-Camphol...	12.657	1.3	ug/L	276544	3	11.246	1036560	5.0
Benzene, 1-ethe...	12.718	3.8	ug/L	795112	3	11.246	1036560	5.0
2,4-Dimethylsty...	12.876	14.5	ug/L	3005930	3	11.246	1036560	5.0
Benzene, 1-ethy...	12.921	0.6	ug/L	129046	3	11.246	1036560	5.0
3,5-Dimethylben...	12.995	0.9	ug/L	184878	3	11.246	1036560	5.0
1H-Indene, 2,3-...	13.214	0.6	ug/L	115357	3	11.246	1036560	5.0
4-tert-Butyltol...	13.268	2.3	ug/L	485845	3	11.246	1036560	5.0
1H-Indene, 2,3-...	13.365	0.6	ug/L	132397	3	11.246	1036560	5.0
Benzene, 2,4-di...	13.397	1.1	ug/L	219850	3	11.246	1036560	5.0
1H-Indene, 2,3-...	13.905	0.7	ug/L	138189	3	11.246	1036560	5.0
1H-Indene, 2,3-...	14.088	0.9	ug/L	192760	3	11.246	1036560	5.0
Naphthalene, 1,...	15.660	0.6	ug/L	114120	3	11.246	1036560	5.0
Naphthalene, 1,...	15.805	0.8	ug/L	160552	3	11.246	1036560	5.0
Acenaphthene	16.480	0.6	ug/L	119720	3	11.246	1036560	5.0