LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
Data File : VV027369.D
Acq On : 13 Aug 2022 15:25
Operator : SY/MD
Sample : N4115-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5D50

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\SFAMVTR081122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV027369.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.140	26	31	42	rVB	19726	23768	2.52%	0.367%
2	1.301	75	81	93	rVB	74941	81592	8.65%	1.260%
3	1.371	94	103	122	rBV	67480	204590	21.68%	3.158%
4	1.564	156	163	173	rVB	70238	80234	8.50%	1.239%
5	2.101	320	330	348	rVB	133258	202126	21.42%	3.120%
6	2.230	360	370	381	rVB	9561	18092	1.92%	0.279%
7	3.886	872	885	923	rBV2	115283	420140	44.53%	6.486%
8	4.339	1011	1026	1051	rBV2	120591	309695	32.82%	4.781%
9	4.461	1058	1064	1078	rVB8	5626	12836	1.36%	0.198%
10	5.040	1227	1244	1264	rBV2	239934	606018	64.23%	9.355%
11	5.612	1411	1422	1440	rBV	164823	345229	36.59%	5.329%
12	5.911	1503	1515	1529	rBV9	13616	32545	3.45%	0.502%
13	6.063	1549	1562	1577	rBV	159337	330658	35.05%	5.104%
14	6.982	1836	1848	1870	rBV	55094	113325	12.01%	1.749%
15	7.313	1937	1951	1980	rBV	224012	423636	44.90%	6.540%
16	7.622	2033	2047	2061	rBV	34092	66630	7.06%	1.029%
17	8.085	2181	2191	2227	rBV	481069	943497	100.00%	14.565%
18	8.850	2416	2429	2450	rBV	272627	469861	49.80%	7.253%
19	9.545	2633	2645	2656	rBV	7381	13488	1.43%	0.208%
20	10.214	2841	2853	2871	rBV	148485	240745	25.52%	3.716%
21	10.448	2918	2926	2943	rBV	15105	34873	3.70%	0.538%
22	10.538	2946	2954	2962	rBV	15297	24228	2.57%	0.374%
23	10.734	3006	3015	3028	rBV2	16294	26750	2.84%	0.413%
24	10.914	3062	3071	3079	rBV	19952	30156	3.20%	0.466%
25	11.246	3164	3174	3192	rVV	263698	402329	42.64%	6.211%
26	11.332	3192	3201	3215	rVB	42868	68243	7.23%	1.053%
27	11.535	3253	3264	3270	rBV5	14851	31923	3.38%	0.493%
28	11.574	3271	3276	3281	rVV2	16838	23363	2.48%	0.361%
29	11.622	3281	3291	3313	rVB	301197	506758	53.71%	7.823%
30	11.815	3343	3351	3363	rVB2	11035	18638	1.98%	0.288%
31	11.908	3374	3380	3385	rBV5	7206	10081	1.07%	0.156%
32	11.940	3385	3390	3400	rVB2	9802	14998	1.59%	0.232%
33	12.014	3402	3413	3422	rBV2	21677	36926	3.91%	0.570%
34	12.114	3435	3444	3452	rBV	14032	24983	2.65%	0.386%
35	12.165	3457	3460	3472	rVB5	9345	12762	1.35%	0.197%
36	12.310	3494	3505	3512	rBV4	10654	19666	2.08%	0.304%

LSC Area Percent Report

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5D50

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\SFAMVTR081122WMA.M
Title : TRACE VOA SFAM1.0

37	12.410	3527	3536	3545	rVB2	12306	19816	2.10%	0.306%
38	12.461	3545	3552	3562	rVB	19567	28324	3.00%	0.437%
39	12.728	3626	3635	3647	rVB8	9270	15225	1.61%	0.235%
40	12.879	3672	3682	3693	rVB4	30613	50295	5.33%	0.776%
41	13.043	3723	3733	3745	rVB2	37957	61492	6.52%	0.949%
42	13.268	3794	3803	3817	rBV10	7629	14948	1.58%	0.231%
43	13.609	3901	3909	3918	rBV3	9721	13973	1.48%	0.216%
44	13.705	3928	3939	3948	rBV7	9666	16727	1.77%	0.258%
45	14.104	4053	4063	4075	rVB6	11217	19573	2.07%	0.302%
46	14.432	4155	4165	4175	rBV8	7249	12222	1.30%	0.189%

Sum of corrected areas: 6477977

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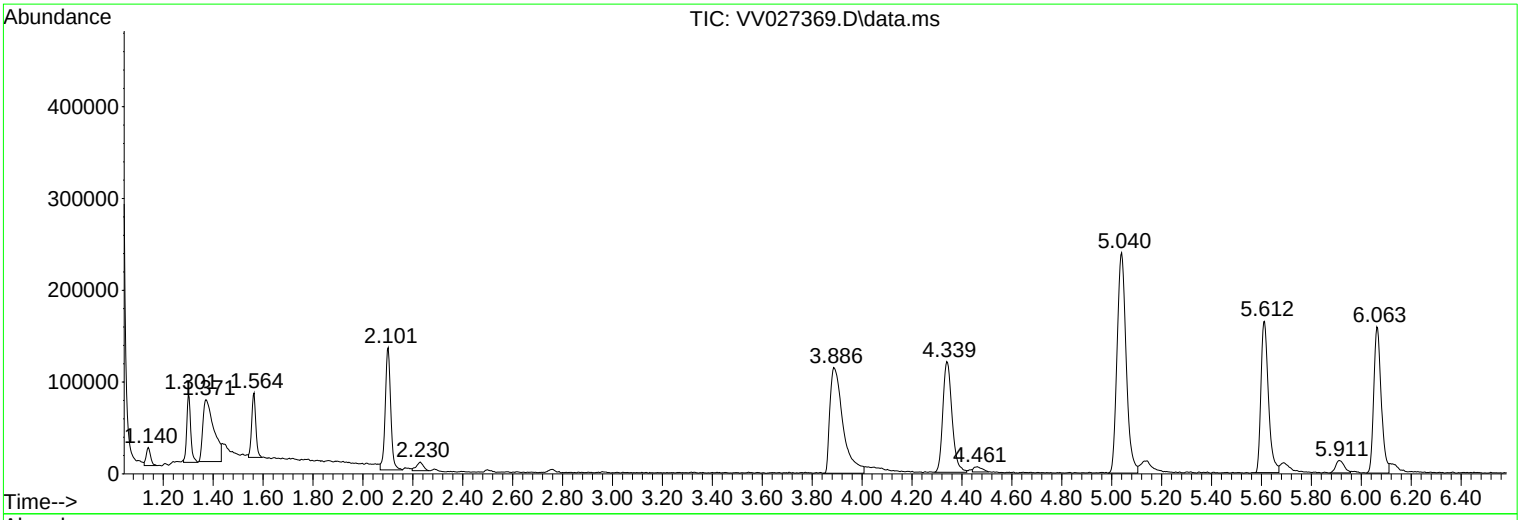
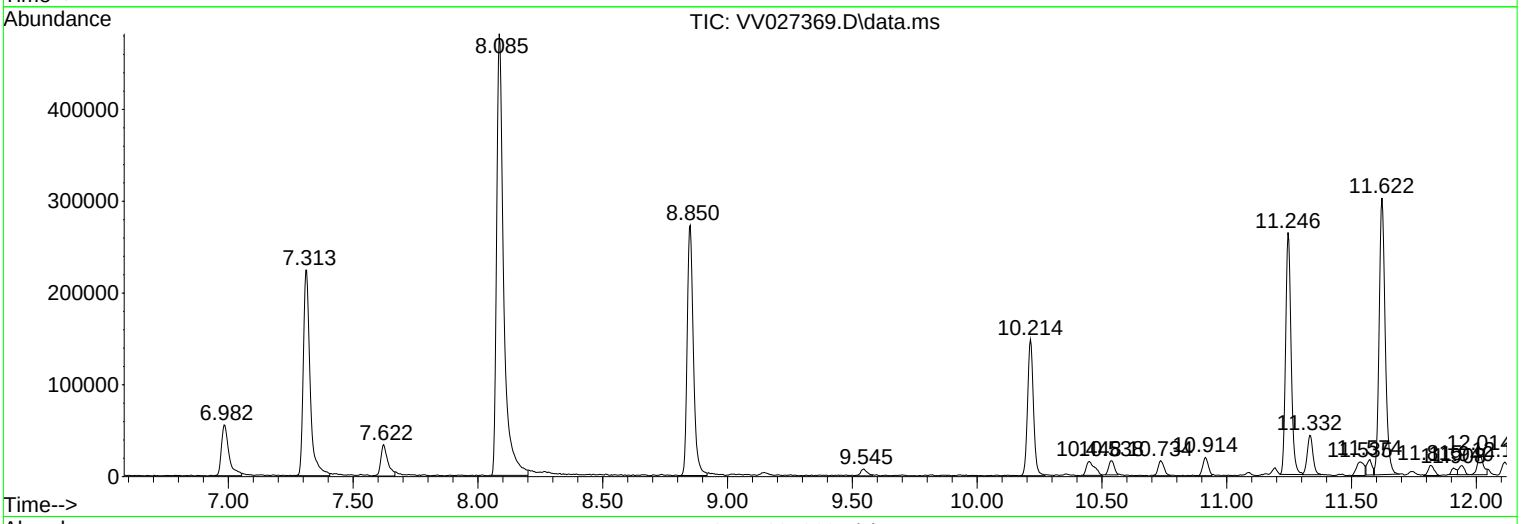
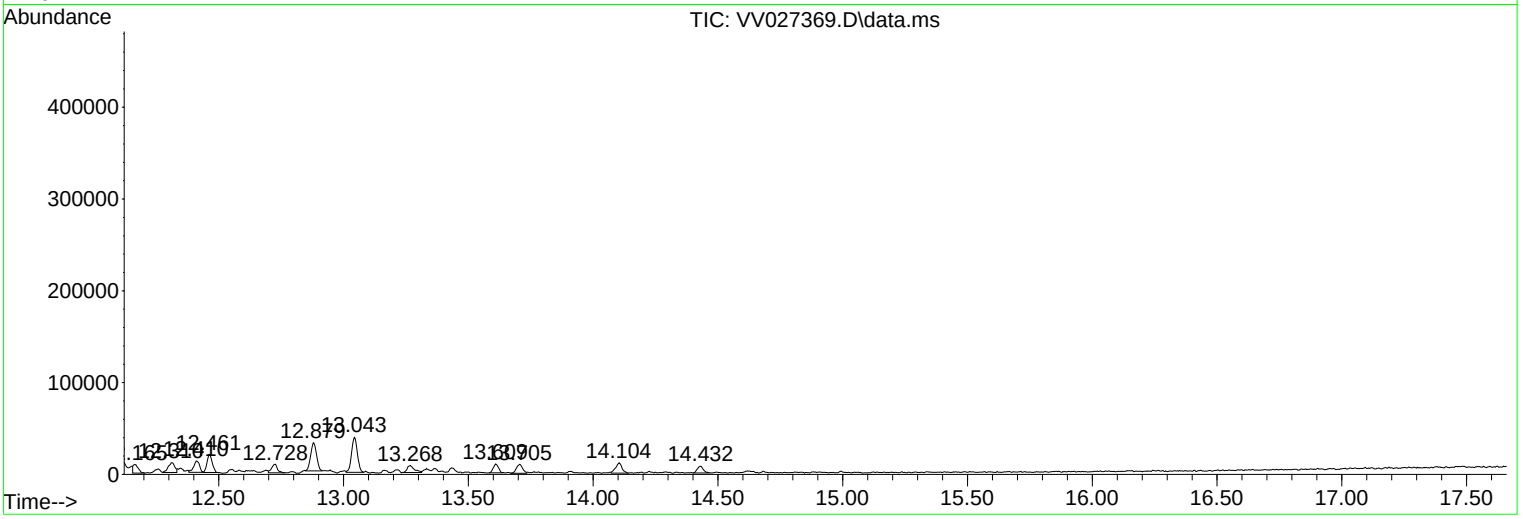
F5D50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Instrument :
MSVOA_V
ClientSampleId :
F5D50

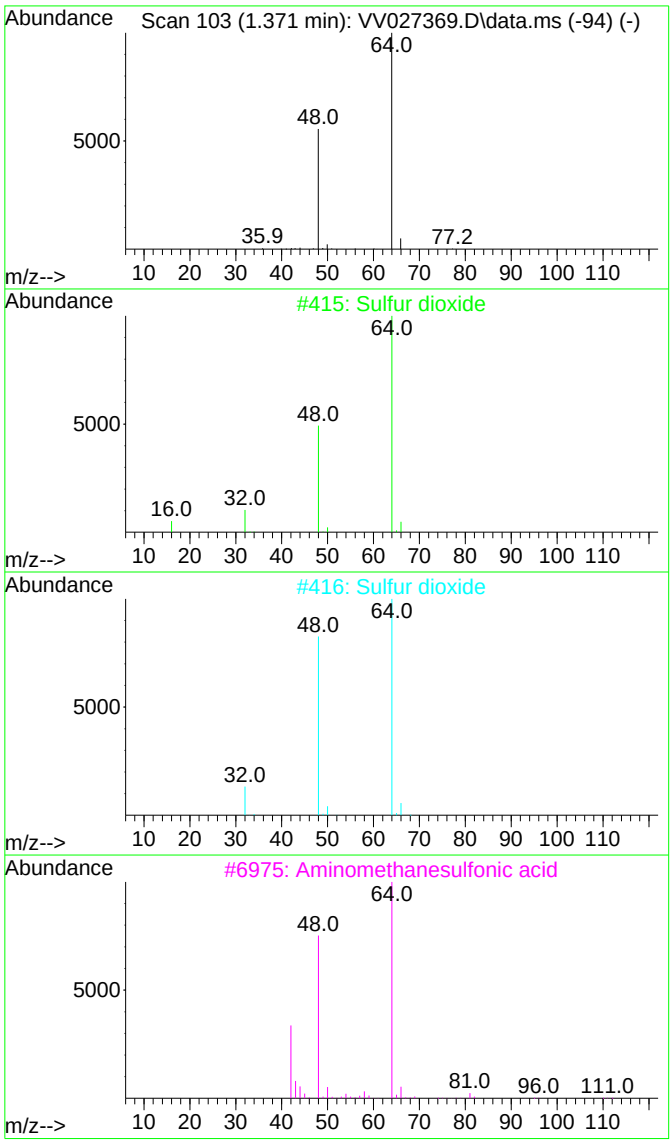
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

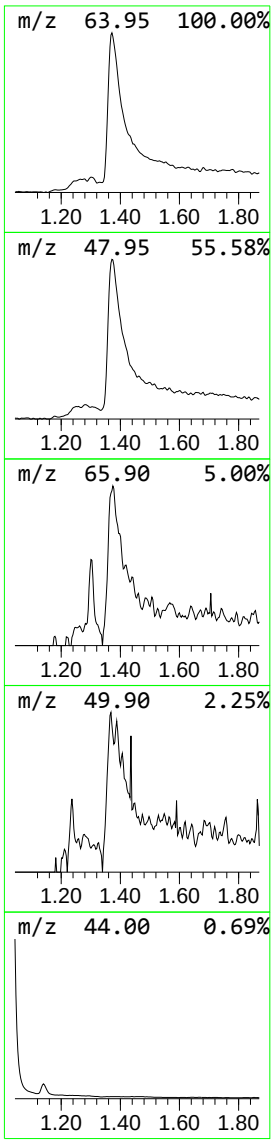
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.371	2.96 ug/L	204590	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





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Instrument :
MSVOA_V
ClientSampleId :
F5D50

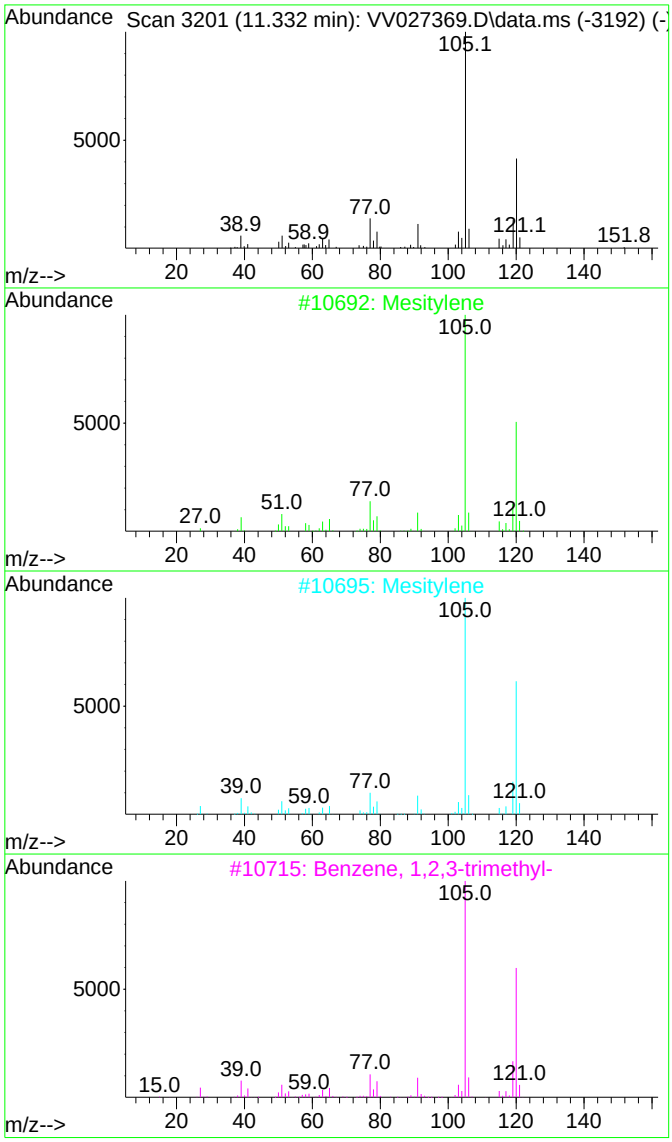
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

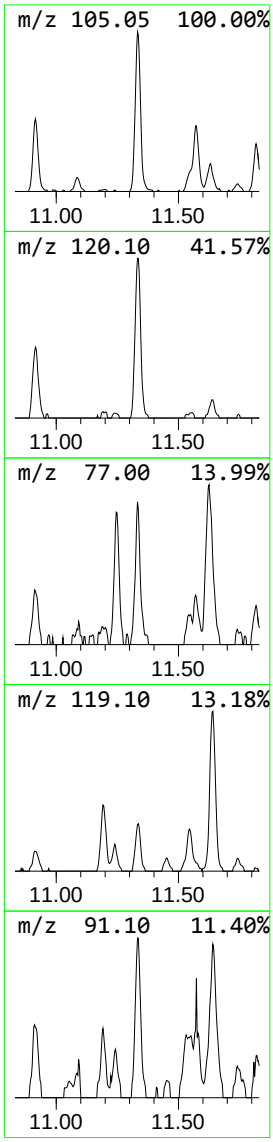
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.332	0.85 ug/L	68243	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5D50

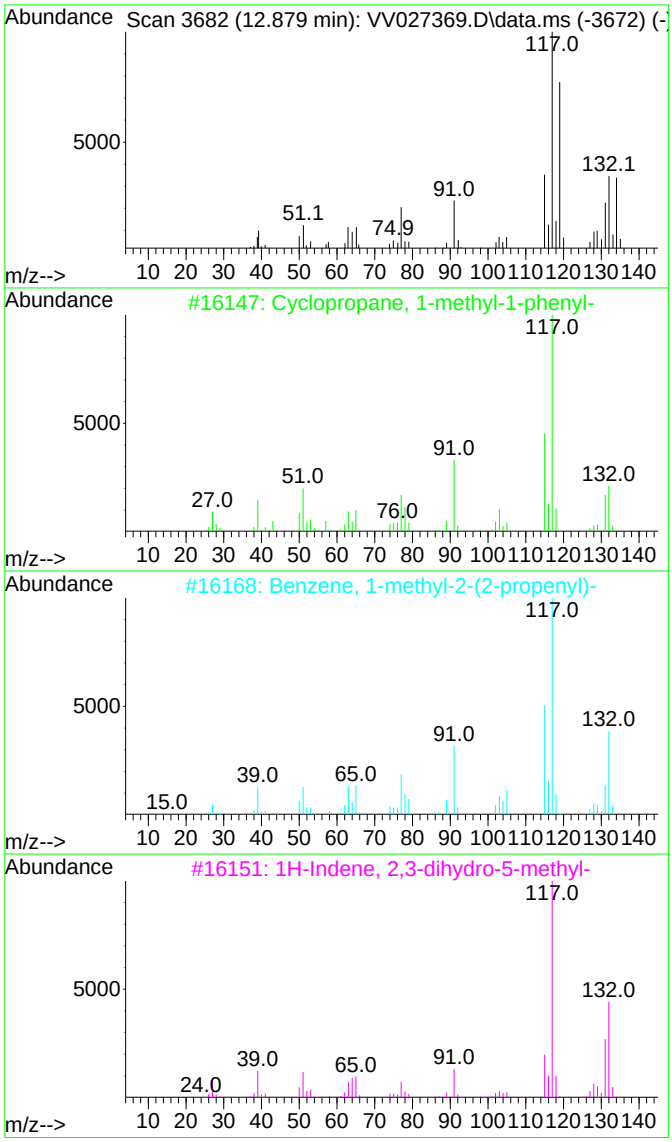
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

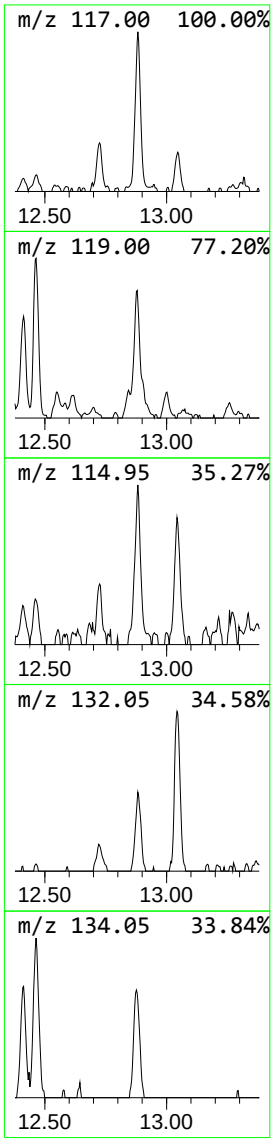
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopropane, 1-methyl-1-ph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	0.63 ug/L	50295	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	70
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50





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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :
F5D50

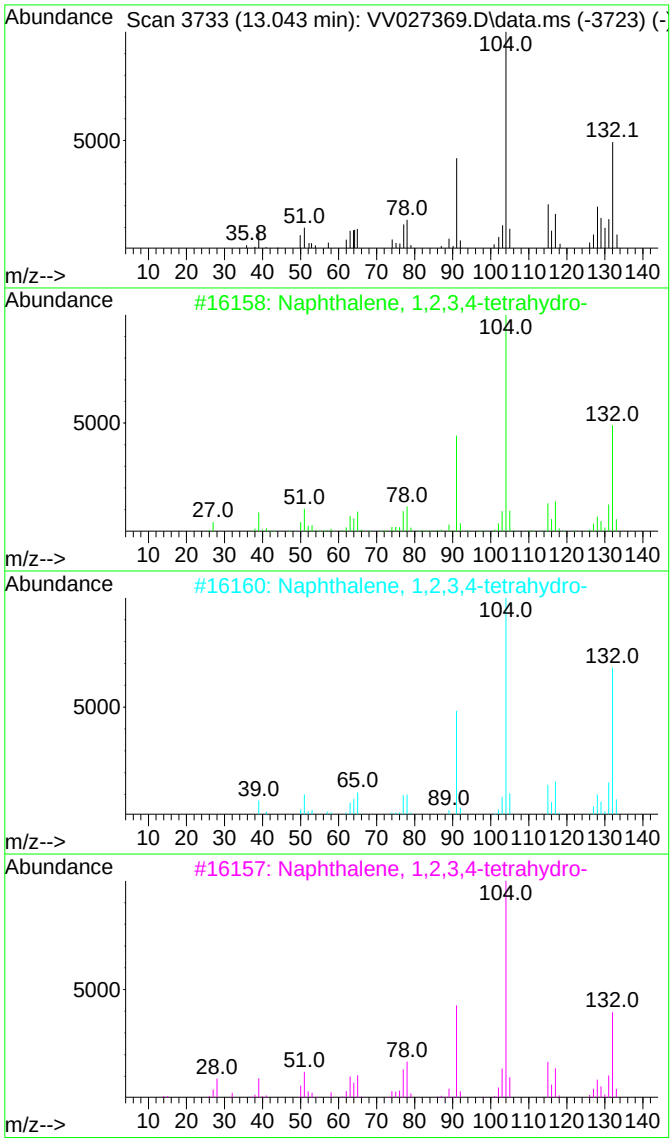
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

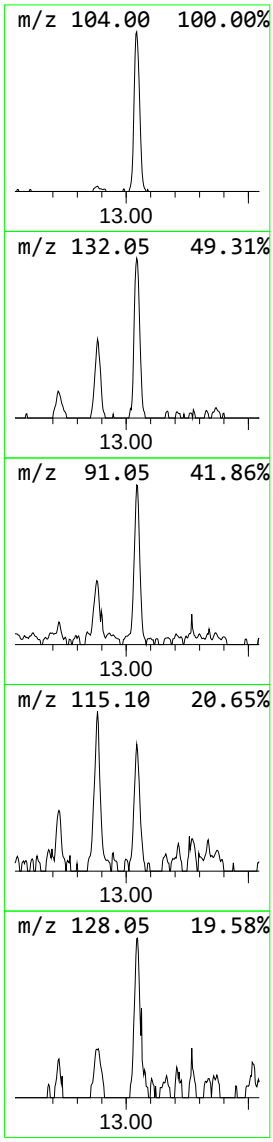
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	0.76 ug/L	61492	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
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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
Sulfur dioxide	1.371	3.0	ug/L	204590	1	5.612	345229	5.0
Benzene, 1,2,3-...	11.332	0.8	ug/L	68243	3	11.246	402329	5.0
Cyclopropane, 1...	12.879	0.6	ug/L	50295	3	11.246	402329	5.0
Naphthalene, 1,...	13.043	0.8	ug/L	61492	3	11.246	402329	5.0