LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

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\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV029179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	14	21	47	rBV	2944366	3102392	100.00%	12.972%
2	1.217	48	55	73	rVB2	333816	339886	10.96%	1.421%
3	1.311	75	84	107	rVB2	447198	536568	17.30%	2.244%
4	1.420	109	118	140	rBV2	45061	146738	4.73%	0.614%
5	1.568	157	164	178	rVB	136800	160846	5.18%	0.673%
6	2.108	322	332	347	rVB3	323310	512477	16.52%	2.143%
7	2.764	524	536	550	rBV3	16576	33871	1.09%	0.142%
8	3.185	649	667	689	rBV	383414	812438	26.19%	3.397%
9	3.902	873	890	944	rBV2	695848	1901604	61.29%	7.951%
10	4.343	1010	1027	1064	rBV	175987	454230	14.64%	1.899%
11	4.603	1089	1108	1136	rBV	235854	609261	19.64%	2.548%
12	5.044	1229	1245	1257	rBV2	422405	1056127	34.04%	4.416%
13	5.613	1410	1422	1453	rBV	343877	714926	23.04%	2.989%
14	5.912	1502	1515	1544	rBV	265780	541717	17.46%	2.265%
15	6.063	1549	1562	1596	rVV	232638	485627	15.65%	2.031%
16	6.982	1838	1848	1878	rBV	100388	196991	6.35%	0.824%
17	7.310	1939	1950	1966	rBV	504942	898867	28.97%	3.758%
18	7.387	1966	1974	1990	rVB	54063	106777	3.44%	0.446%
19	7.619	2037	2046	2065	rBV	56669	106909	3.45%	0.447%
20	8.085	2180	2191	2233	rBV	417501	911728	29.39%	3.812%
21	8.847	2417	2428	2463	rBV	503124	849323	27.38%	3.551%
22	9.011	2469	2479	2495	rBV	41372	68449	2.21%	0.286%
23	9.137	2505	2518	2540	rVB	70420	122111	3.94%	0.511%
24	9.539	2633	2643	2666	rVB	110661	181009	5.83%	0.757%
25	9.928	2754	2764	2778	rBV	20553	33440	1.08%	0.140%
26	10.207	2835	2851	2870	rBV	168380	272442	8.78%	1.139%
27	10.468	2912	2932	2942	rBV	34189	69025	2.22%	0.289%
28	10.731	3004	3014	3025	rBV	31681	51614	1.66%	0.216%
29	11.239	3162	3172	3190	rBV	532815	844802	27.23%	3.532%
30	11.329	3190	3200	3215	rVB	75128	119715	3.86%	0.501%
31	11.519	3245	3259	3278	rBV	885191	1388184	44.75%	5.804%
32	11.616	3278	3289	3310	rVB	537976	865275	27.89%	3.618%
33	11.738	3316	3327	3342	rBV	211690	335650	10.82%	1.403%
34	12.008	3401	3411	3418	rBV	45885	73875	2.38%	0.309%
35	12.104	3430	3441	3462	rBV	133111	217068	7.00%	0.908%
36	12.352	3508	3518	3527	rBV	194488	294593	9.50%	1.232%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

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\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

37	12.403	3527	3534	3541	rVB2	35252	46503	1.50%	0.194%
38	12.458	3541	3551	3561	rBV2	148864	265747	8.57%	1.111%
39	12.538	3570	3576	3584	rVB3	30726	43684	1.41%	0.183%
40	12.715	3621	3631	3650	rVB	84747	143128	4.61%	0.598%
41	12.873	3664	3680	3692	rBV2	148182	238040	7.67%	0.995%
42	12.940	3692	3701	3711	rVB3	25210	43284	1.40%	0.181%
43	13.037	3722	3731	3751	rVB4	52076	96227	3.10%	0.402%
44	13.207	3772	3784	3792	rVB3	26671	45921	1.48%	0.192%
45	13.490	3857	3872	3897	rBV	1036802	1636995	52.77%	6.845%
46	13.609	3897	3909	3921	rBV	346347	543202	17.51%	2.271%
47	13.902	3985	4000	4012	rBV2	22229	39359	1.27%	0.165%
48	14.079	4045	4055	4067	rBV5	16561	34011	1.10%	0.142%
49	14.284	4106	4119	4136	rVB6	29348	54567	1.76%	0.228%
50	14.564	4193	4206	4217	rBV	50554	85559	2.76%	0.358%
51	14.802	4270	4280	4295	rBV	504736	794917	25.62%	3.324%
52	15.352	4441	4451	4462	rBV	46683	72641	2.34%	0.304%
53	15.657	4536	4546	4566	rVB6	19501	41282	1.33%	0.173%
54	15.799	4581	4590	4600	rBV2	34720	55279	1.78%	0.231%
55	16.471	4788	4799	4818	rBV	103263	171642	5.53%	0.718%
56	16.773	4883	4893	4907	rVB	27082	47337	1.53%	0.198%

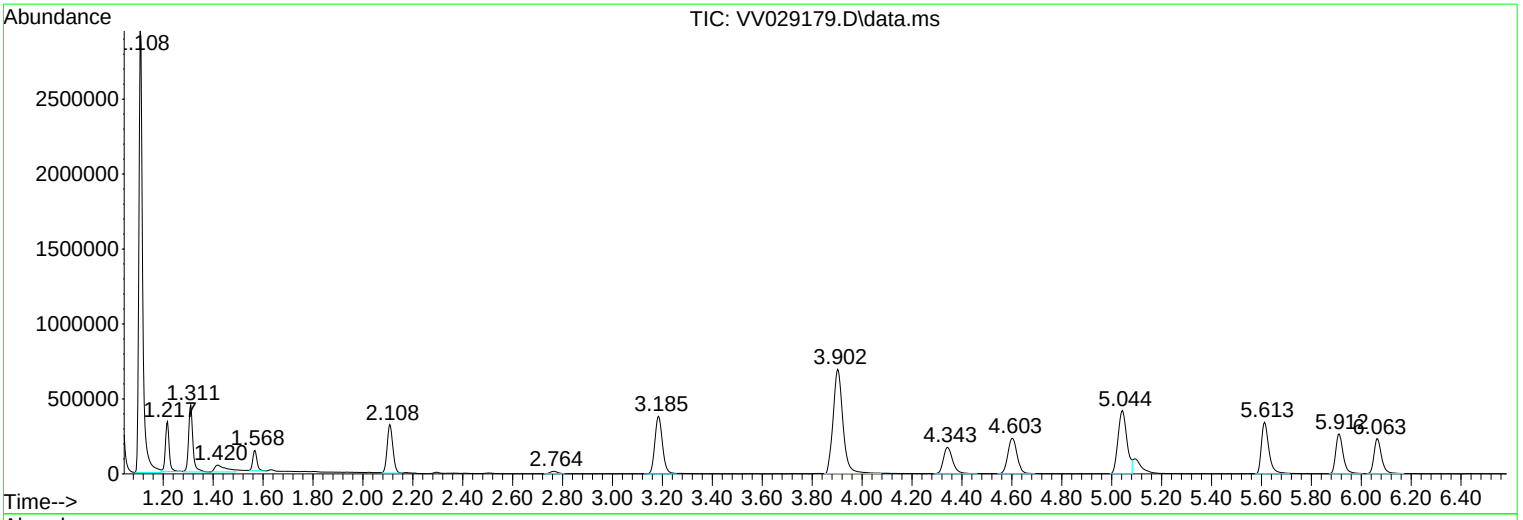
Sum of corrected areas: 23915880

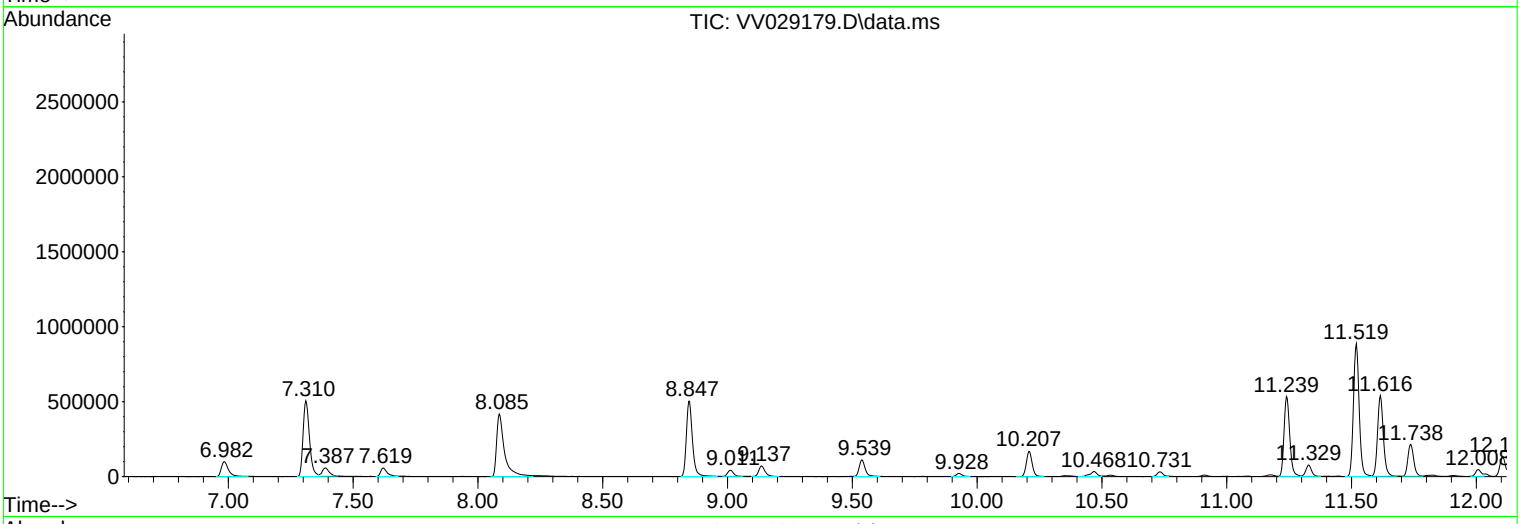
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

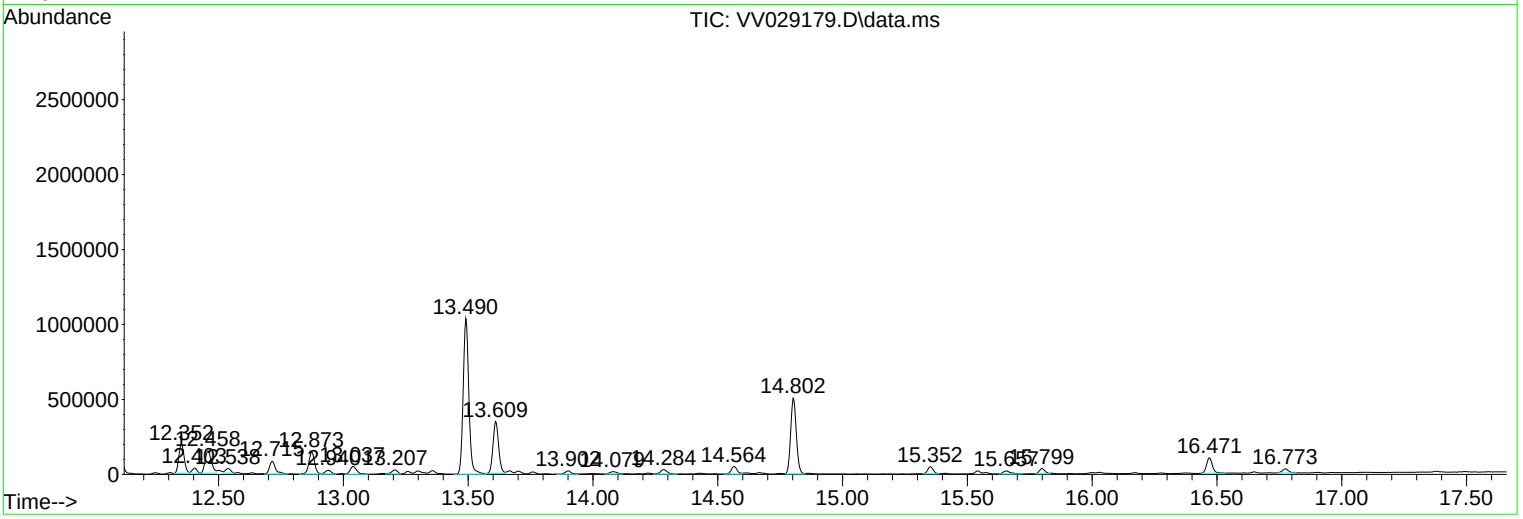
Instrument :
MSVOA_V
ClientSampleId :
BHB41

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.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\VV111922\
Data File : VV029179.D
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Operator : SY/MD
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Instrument :
MSVOA_V
ClientSampleId :
BHB41

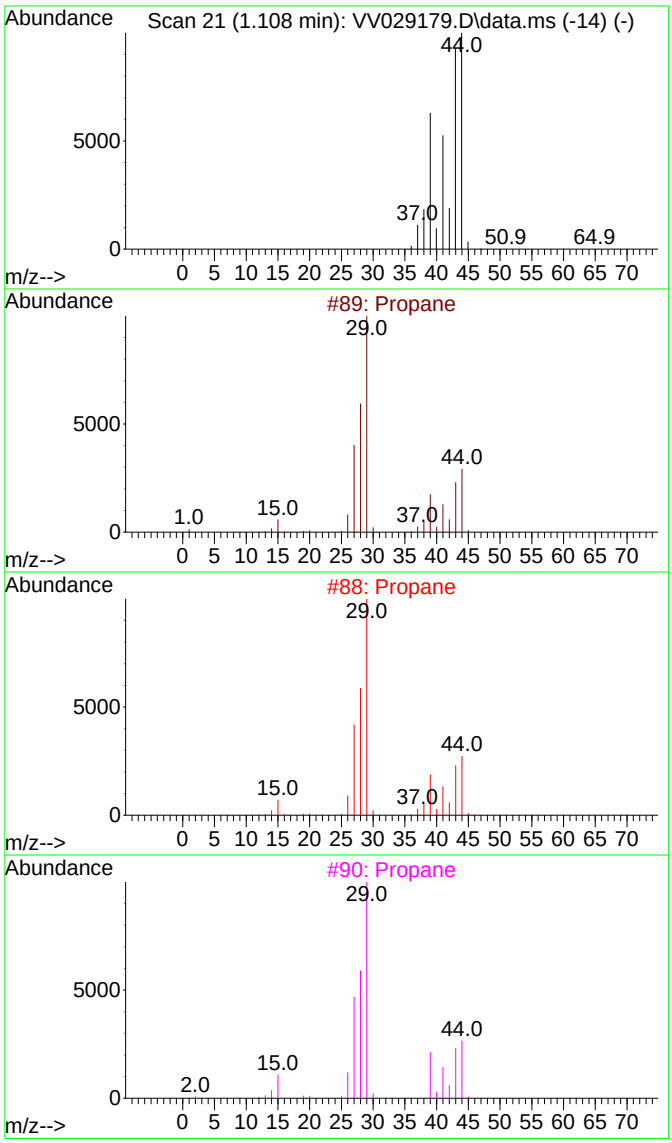
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

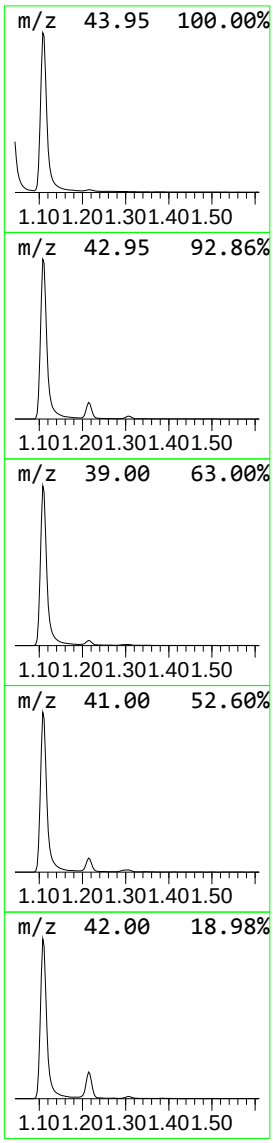
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	21.70 ug/L	3102390	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propane	44	C3H8	000074-98-6	78
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

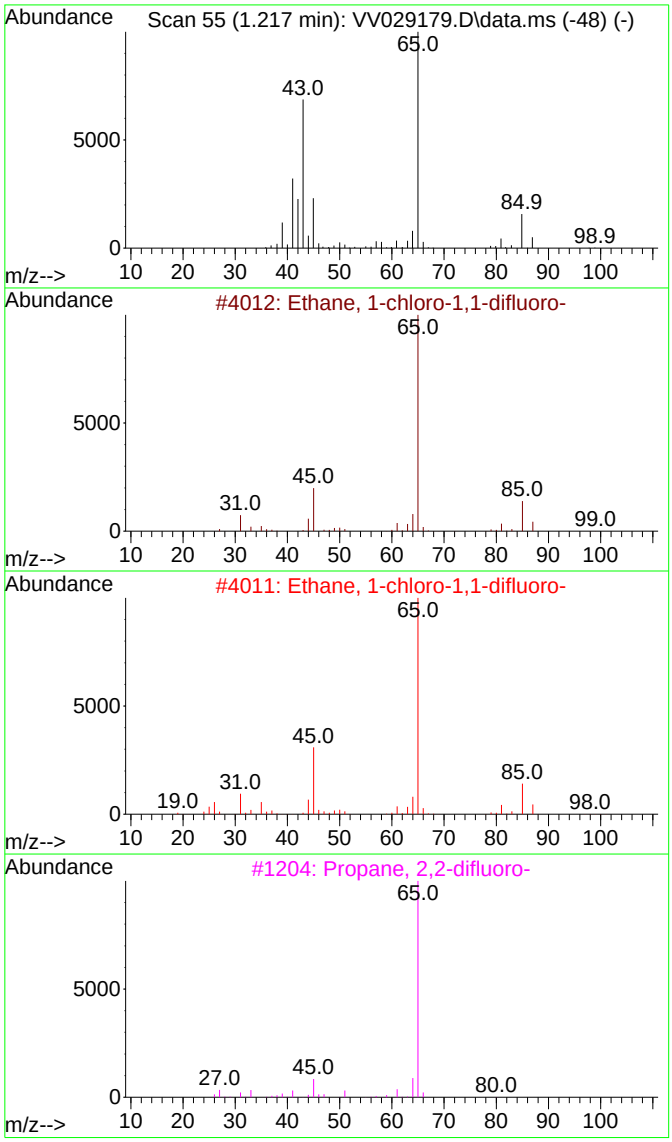
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

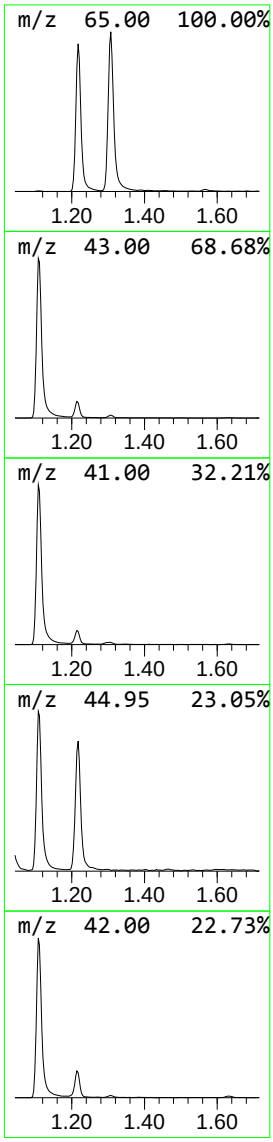
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethane, 1-chloro-1,1-difluoro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	2.38 ug/L	339886	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	90
2	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	83
3	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	40
4	2,2-Difluoropropionic acid	110	C3H4F2O2	000373-96-6	9
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

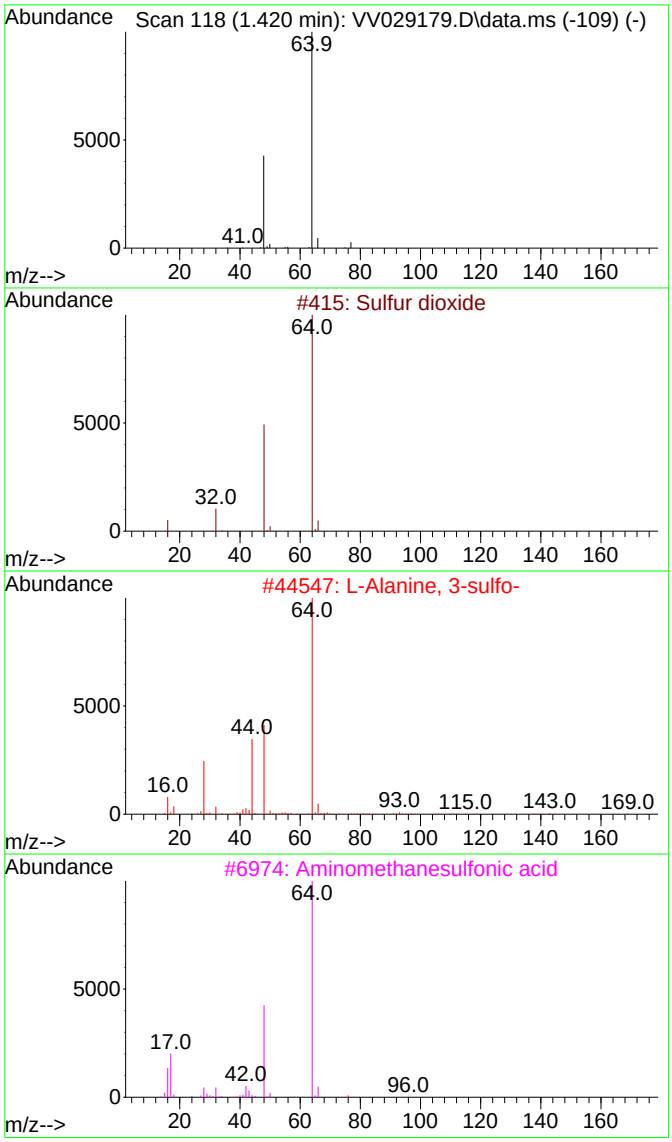
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

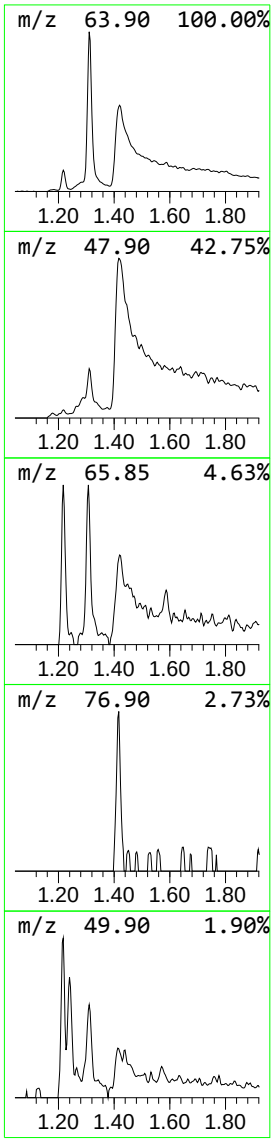
****

Peak Number 3 Sulfur dioxide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.420	1.03 ug/L	146738	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Sulfur dioxide	64	O2S	007446-09-5	7
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

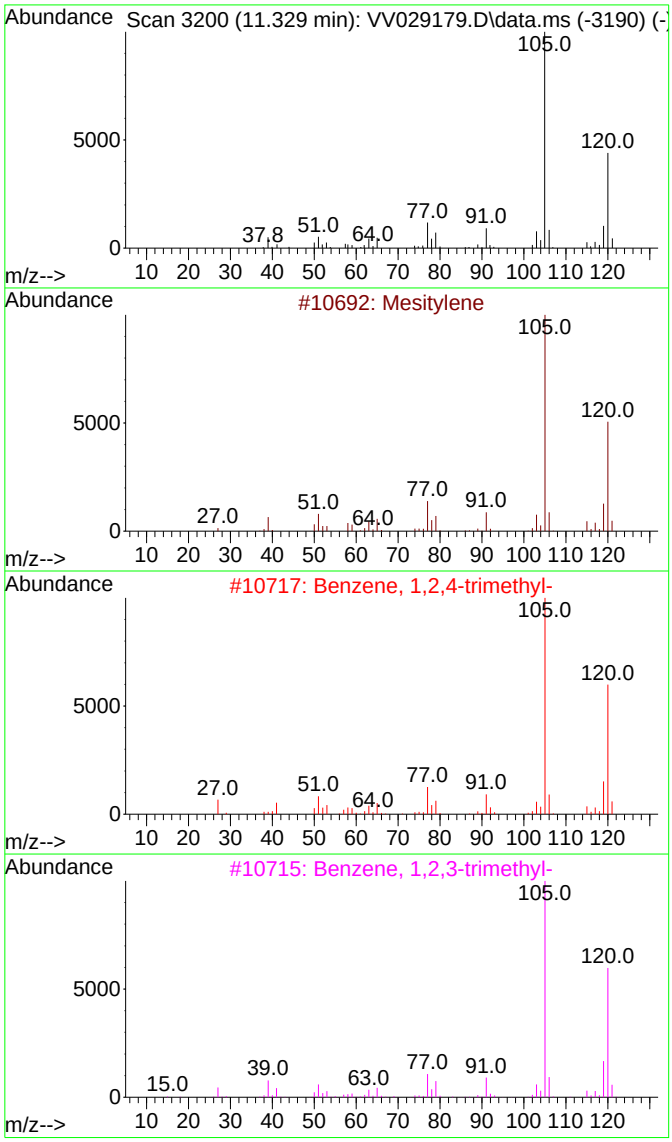
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

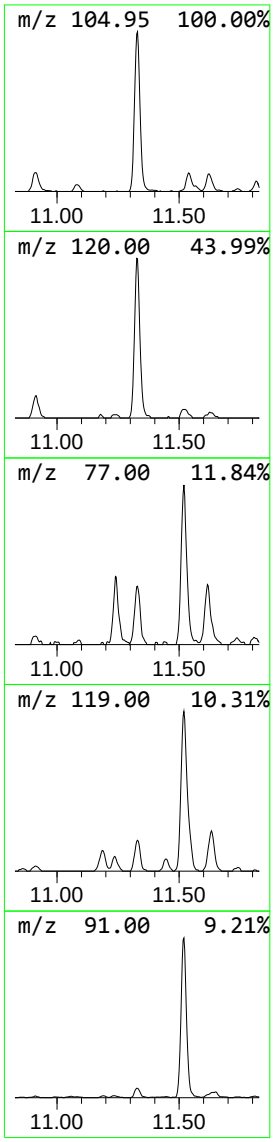
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.329	0.71 ug/L	119715	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

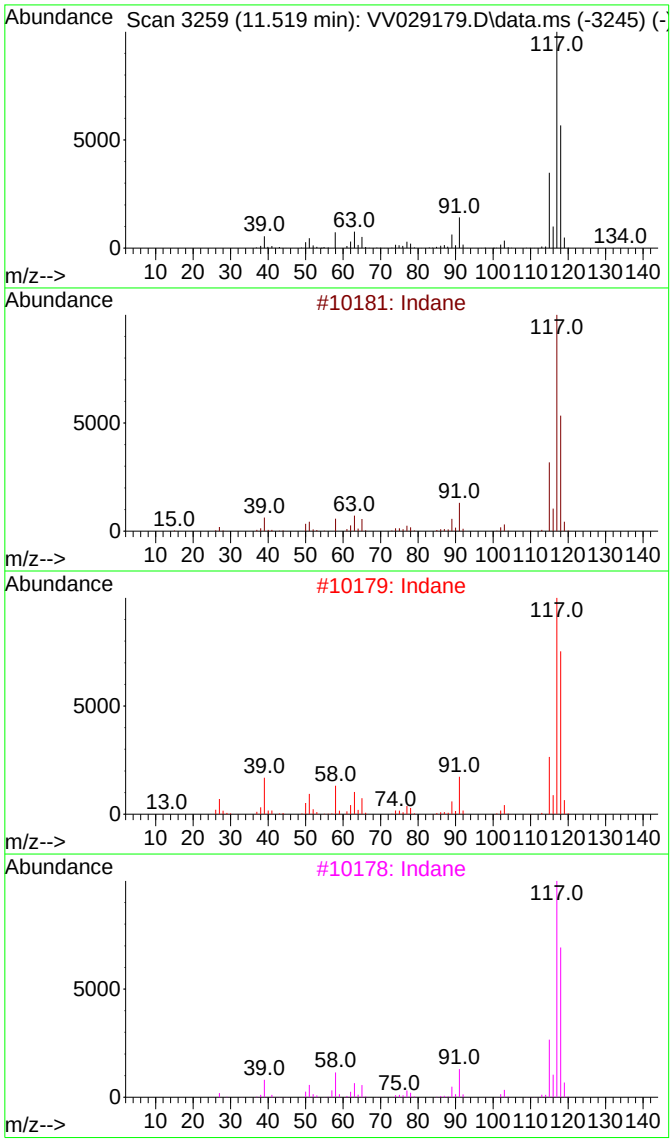
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

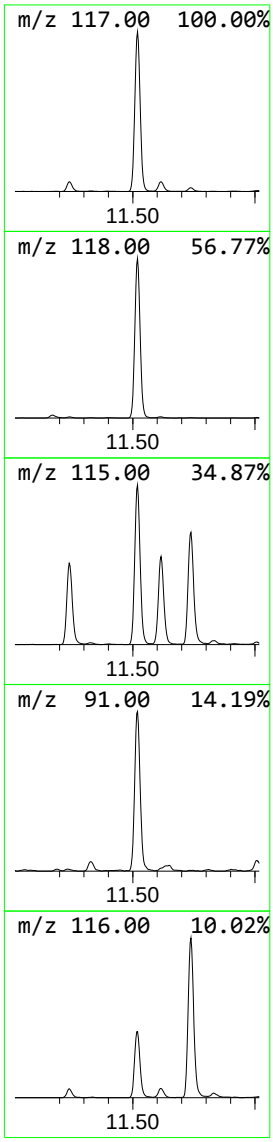
****

Peak Number 6 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	8.22 ug/L	1388180	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
5	Deltacyclene	118	C9H10	007785-10-6	72





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Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

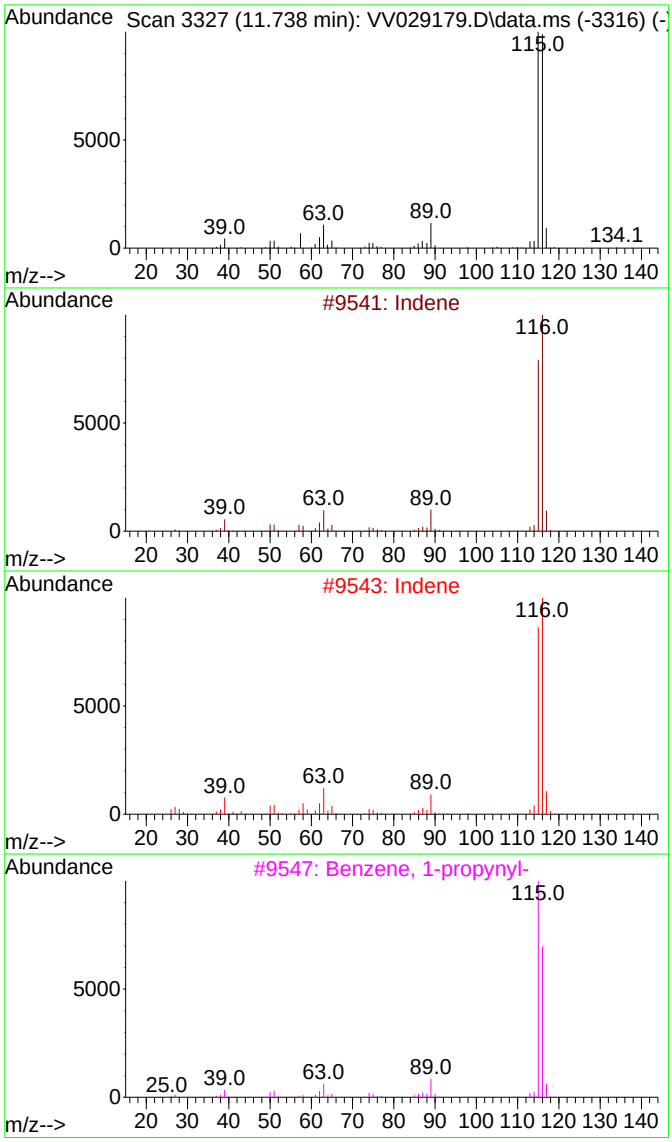
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

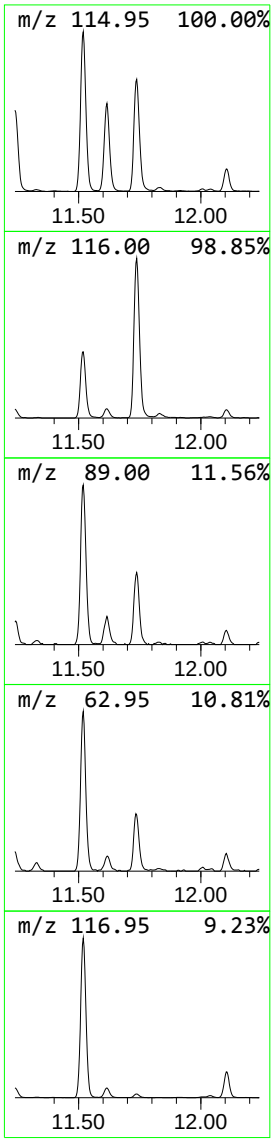
****

Peak Number 7 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.738	1.99 ug/L	335650	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

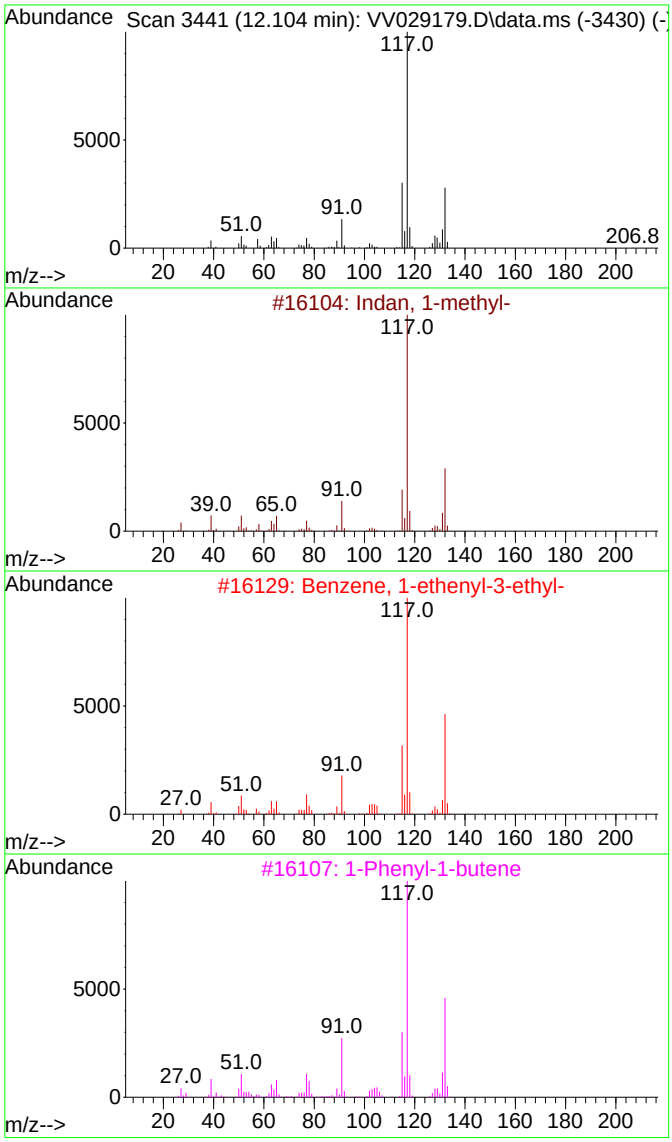
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

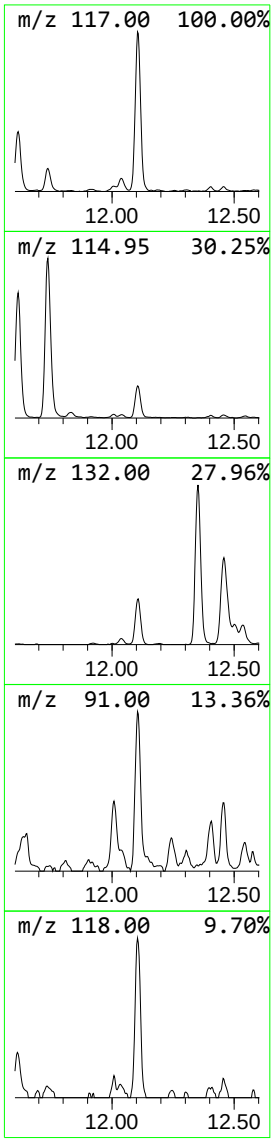
****

Peak Number 8 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	1.28 ug/L	217068	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

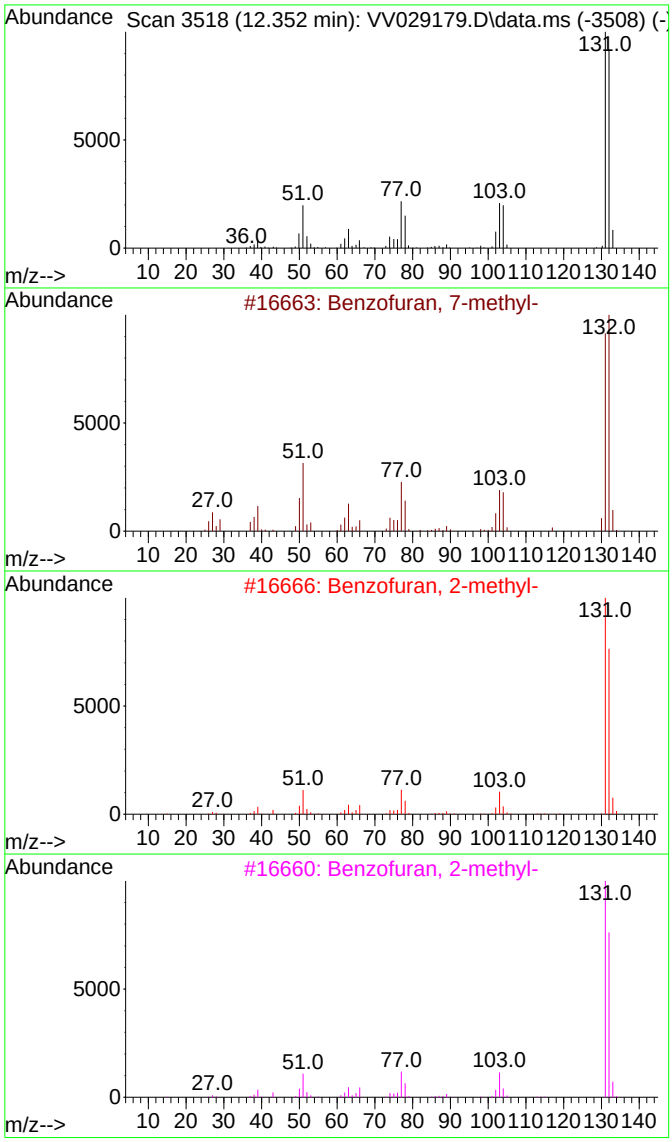
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

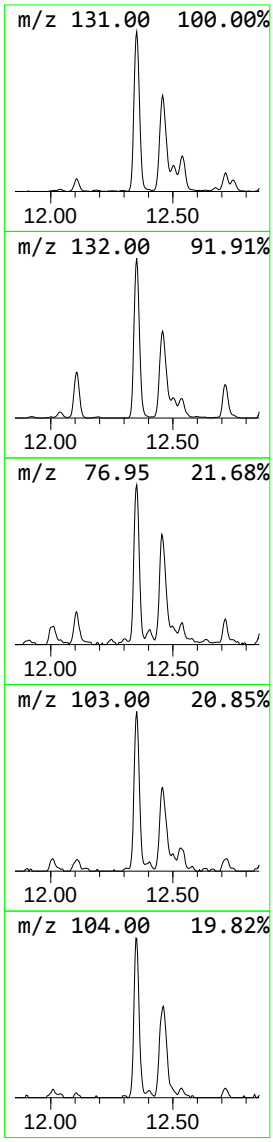
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	1.74 ug/L	294593	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





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Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

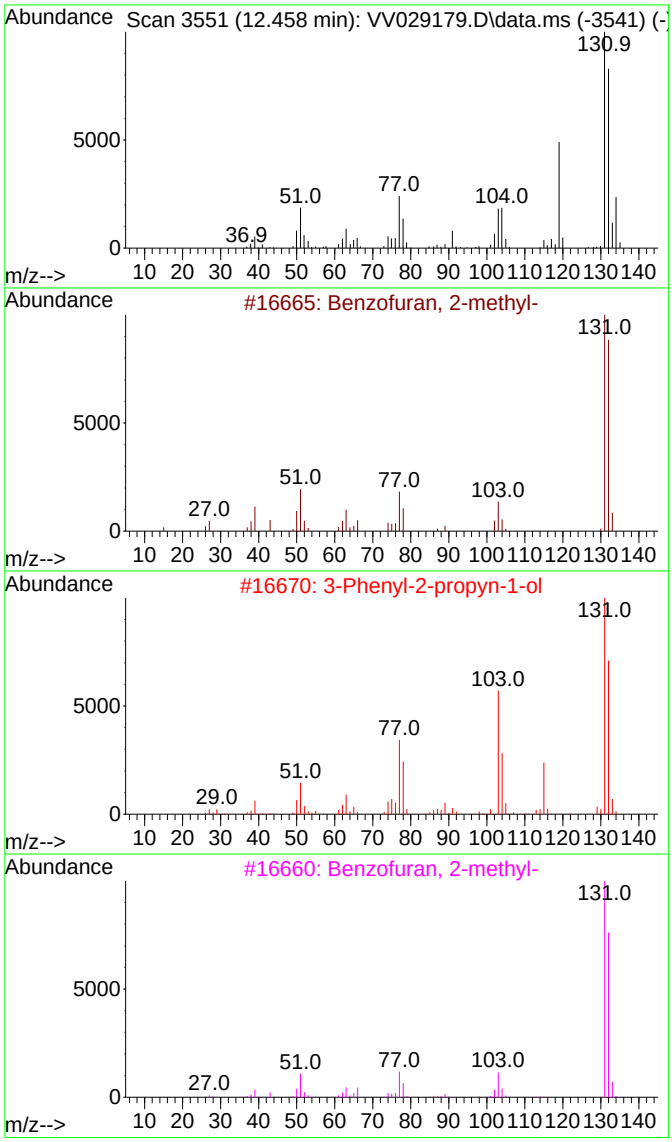
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

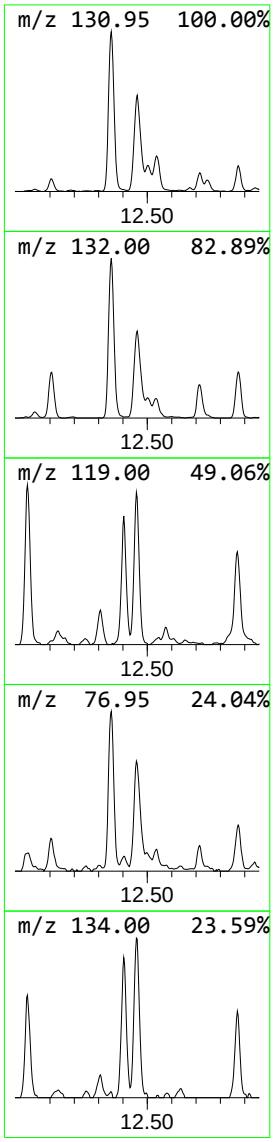
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.458	1.57 ug/L	265747	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	89
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	78





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Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

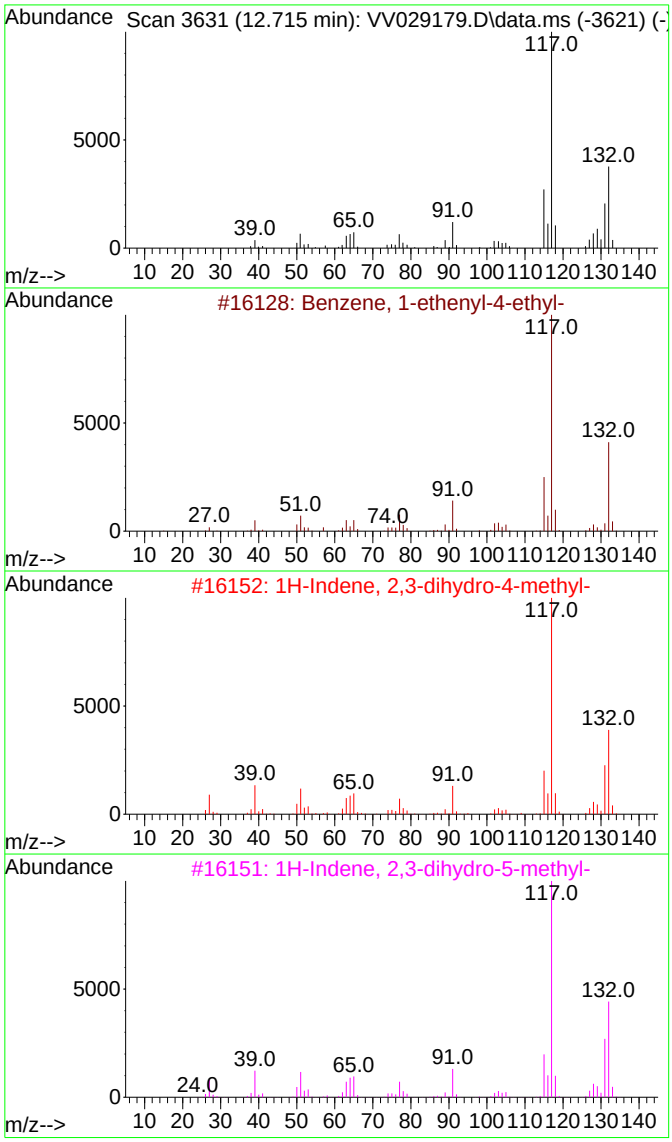
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

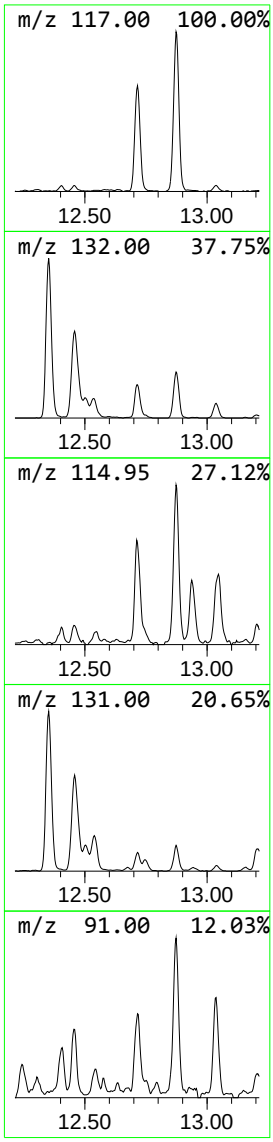
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.715	0.85 ug/L	143128	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83





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Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

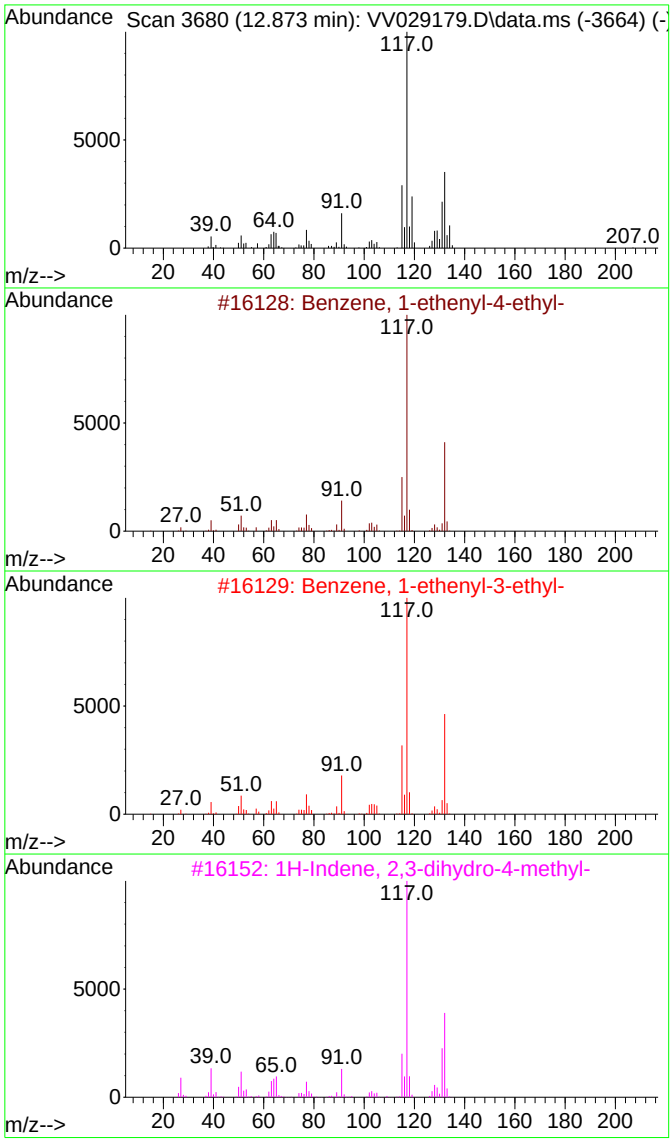
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

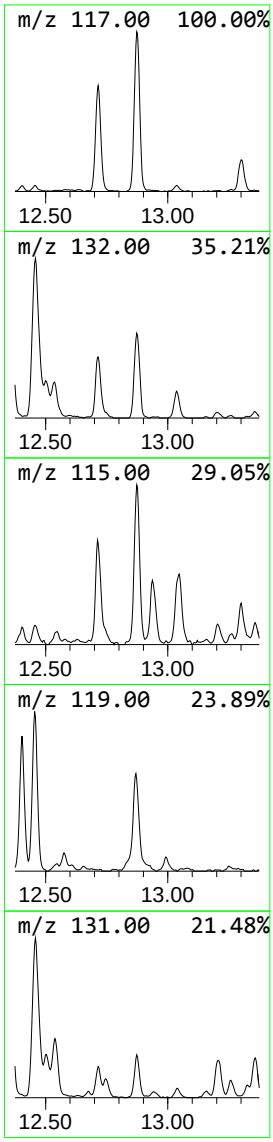
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	1.41 ug/L	238040	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	89
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76





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Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

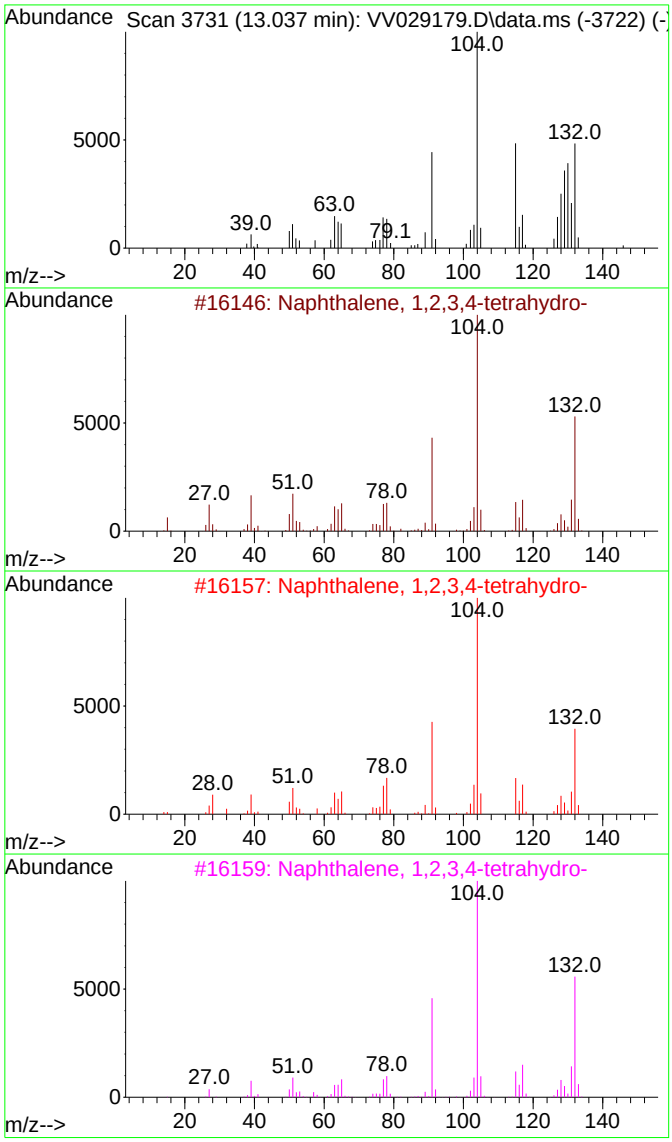
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

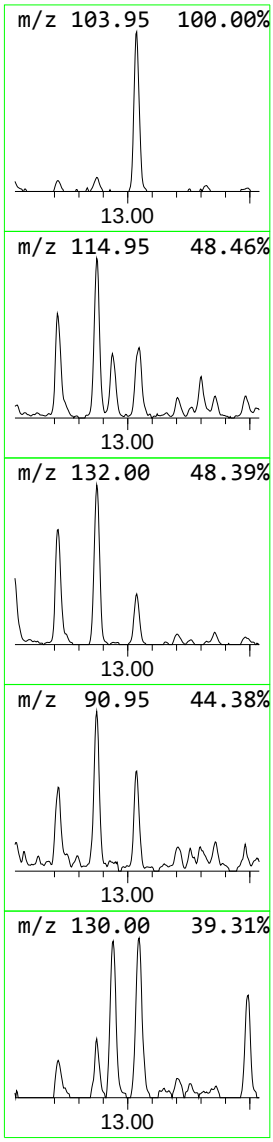
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.037	0.57 ug/L	96227	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

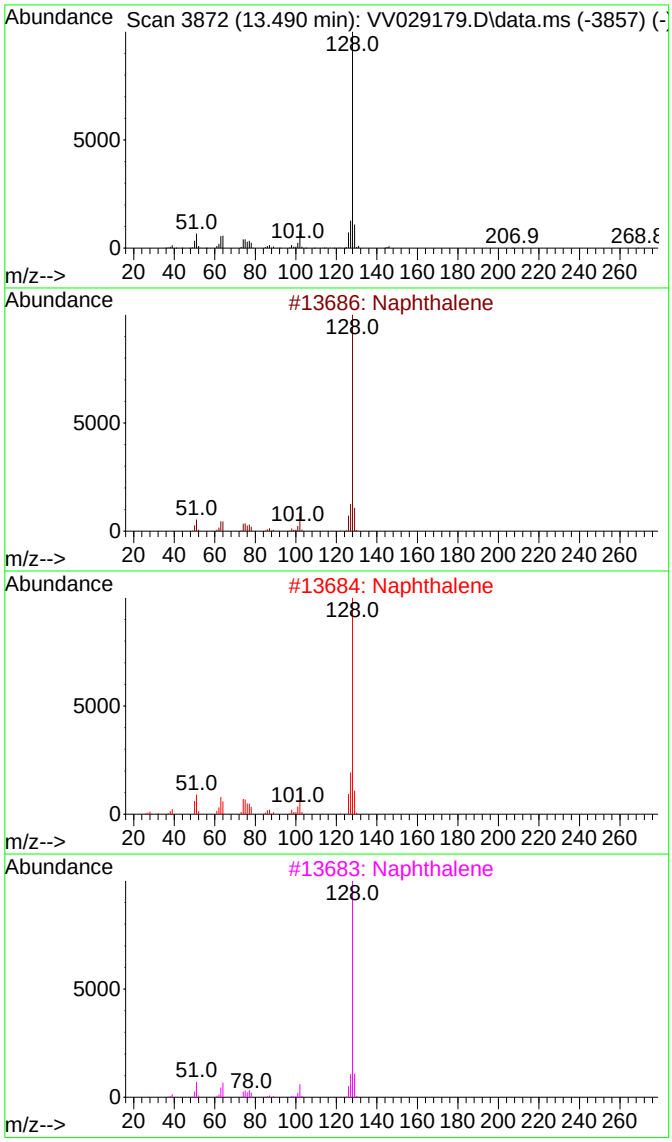
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

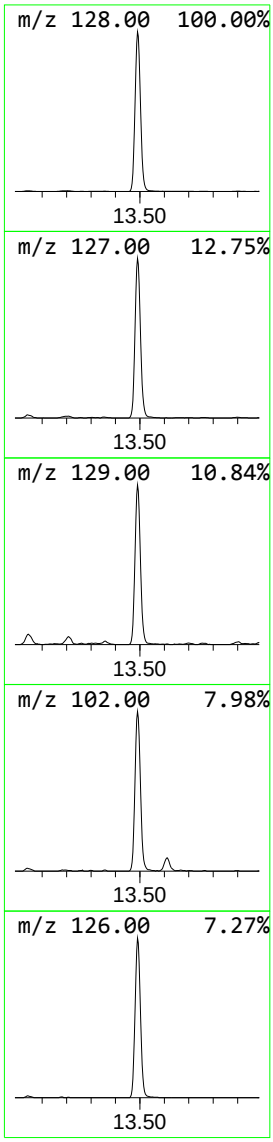
****

Peak Number 14 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.490	9.69 ug/L	1637000	1,4-Dichlorobenzene-d4	11.239

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	93
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

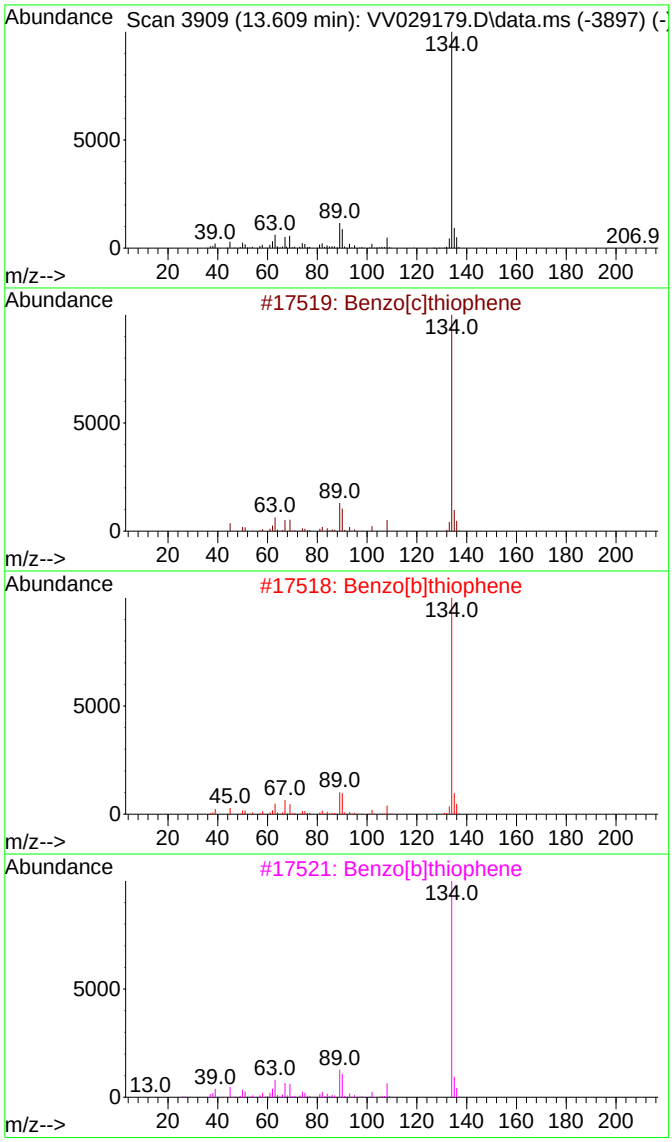
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

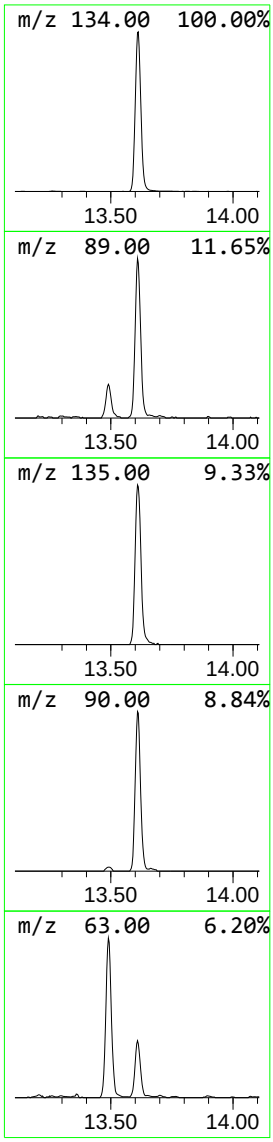
****

Peak Number 15 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.609	3.21 ug/L	543202	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

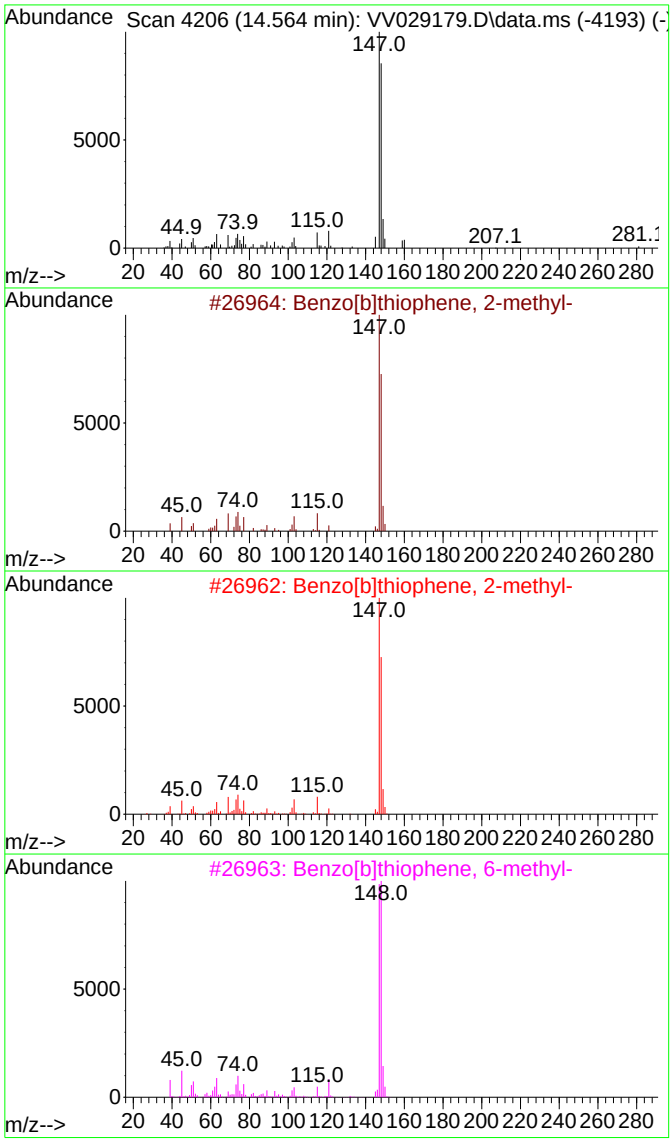
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

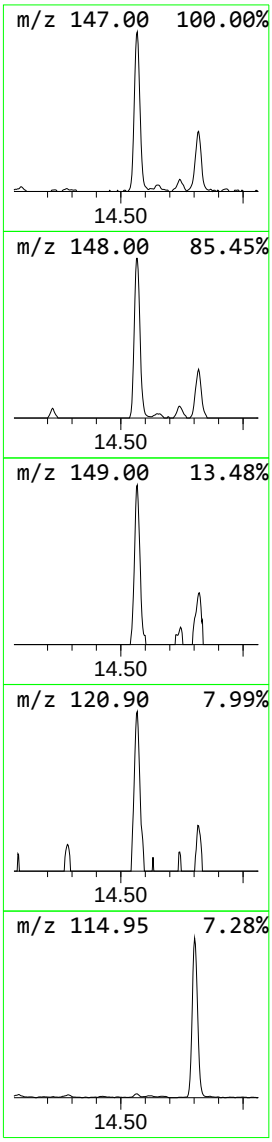
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]thiophene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	0.51 ug/L	85559	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

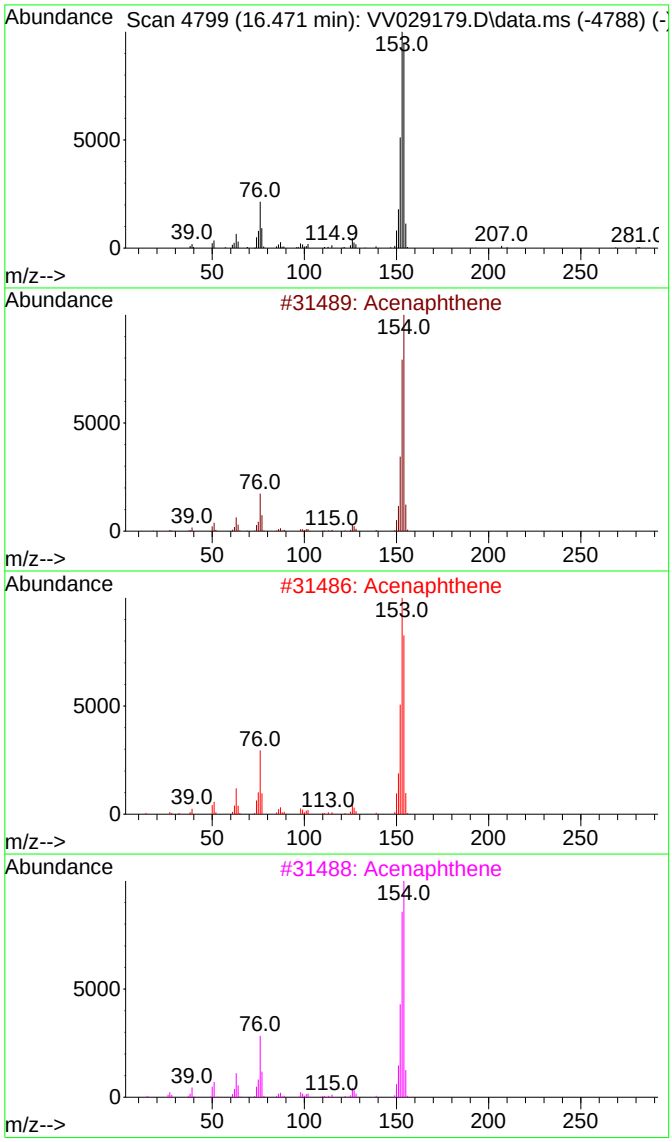
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

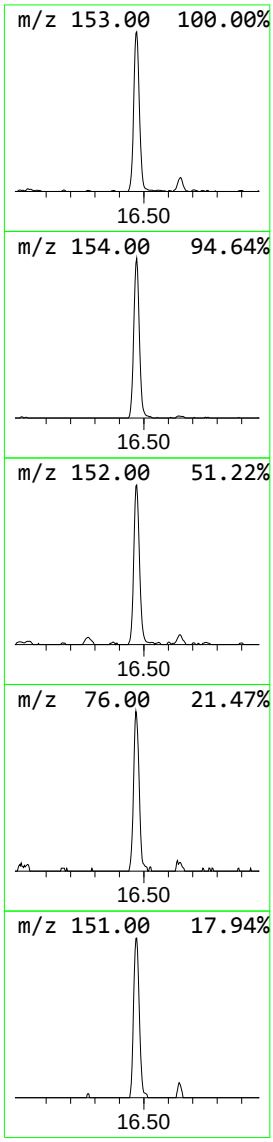
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-ethenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.471	1.02 ug/L	171642	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	81
4	Acenaphthene	154	C12H10	000083-32-9	74
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.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
(DEL) Alkane: S...	1.108	21.7	ug/L	3102390	1	5.613	714926	5.0
Ethane, 1-chlor...	1.217	2.4	ug/L	339886	1	5.613	714926	5.0
Sulfur dioxide	1.420	1.0	ug/L	146738	1	5.613	714926	5.0
Benzene, 1,2,3-...	11.329	0.7	ug/L	119715	3	11.239	844802	5.0
Indane	11.519	8.2	ug/L	1388180	3	11.239	844802	5.0
Indene	11.738	2.0	ug/L	335650	3	11.239	844802	5.0
Indan, 1-methyl-	12.104	1.3	ug/L	217068	3	11.239	844802	5.0
Benzofuran, 7-m...	12.352	1.7	ug/L	294593	3	11.239	844802	5.0
Benzofuran, 2-m...	12.458	1.6	ug/L	265747	3	11.239	844802	5.0
Benzene, 1-ethe...	12.715	0.8	ug/L	143128	3	11.239	844802	5.0
Benzene, 1-ethe...	12.873	1.4	ug/L	238040	3	11.239	844802	5.0
Naphthalene, 1,...	13.037	0.6	ug/L	96227	3	11.239	844802	5.0
Azulene	13.490	9.7	ug/L	1637000	3	11.239	844802	5.0
Benzo[c]thiophene	13.609	3.2	ug/L	543202	3	11.239	844802	5.0
Benzo[b]thiophe...	14.564	0.5	ug/L	85559	3	11.239	844802	5.0
Naphthalene, 2-...	16.471	1.0	ug/L	171642	3	11.239	844802	5.0