LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029182.D
Acq On : 19 Nov 2022 19:50
Operator : SY/MD
Sample : N5694-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB44

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: VV029182.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.217	48	55	66	rBV	220979	222145	2.35%	0.786%
2	1.307	76	83	104	rVB	161254	189332	2.01%	0.670%
3	1.423	108	119	141	rBV2	30055	132447	1.40%	0.468%
4	1.568	157	164	184	rVB	133683	160212	1.70%	0.567%
5	2.114	320	334	350	rVB4	587503	985650	10.45%	3.486%
6	3.185	648	667	695	rBV	815132	1703000	18.05%	6.023%
7	3.902	873	890	938	rBV	3864144	9433357	100.00%	33.361%
8	4.342	1012	1027	1058	rBV	167445	447416	4.74%	1.582%
9	4.603	1087	1108	1139	rBV	1028508	2571775	27.26%	9.095%
10	5.043	1229	1245	1293	rBV2	401560	1164159	12.34%	4.117%
11	5.612	1410	1422	1454	rBV	334267	696458	7.38%	2.463%
12	5.908	1499	1514	1548	rBV	2617142	5064366	53.69%	17.910%
13	6.066	1550	1563	1589	rVB	216447	457861	4.85%	1.619%
14	6.985	1837	1849	1873	rBV	97802	192433	2.04%	0.681%
15	7.310	1937	1950	1984	rBV	485673	878188	9.31%	3.106%
16	7.616	2033	2045	2079	rBV3	73103	159284	1.69%	0.563%
17	8.088	2182	2192	2229	rBV	371364	858069	9.10%	3.035%
18	8.847	2415	2428	2455	rBV	479978	806494	8.55%	2.852%
19	10.210	2840	2852	2879	rVB	155856	256627	2.72%	0.908%
20	11.242	3162	3173	3195	rBV	467669	750110	7.95%	2.653%
21	11.615	3276	3289	3313	rBV	430176	699303	7.41%	2.473%
22	13.612	3896	3910	3937	rBV	273057	448334	4.75%	1.586%

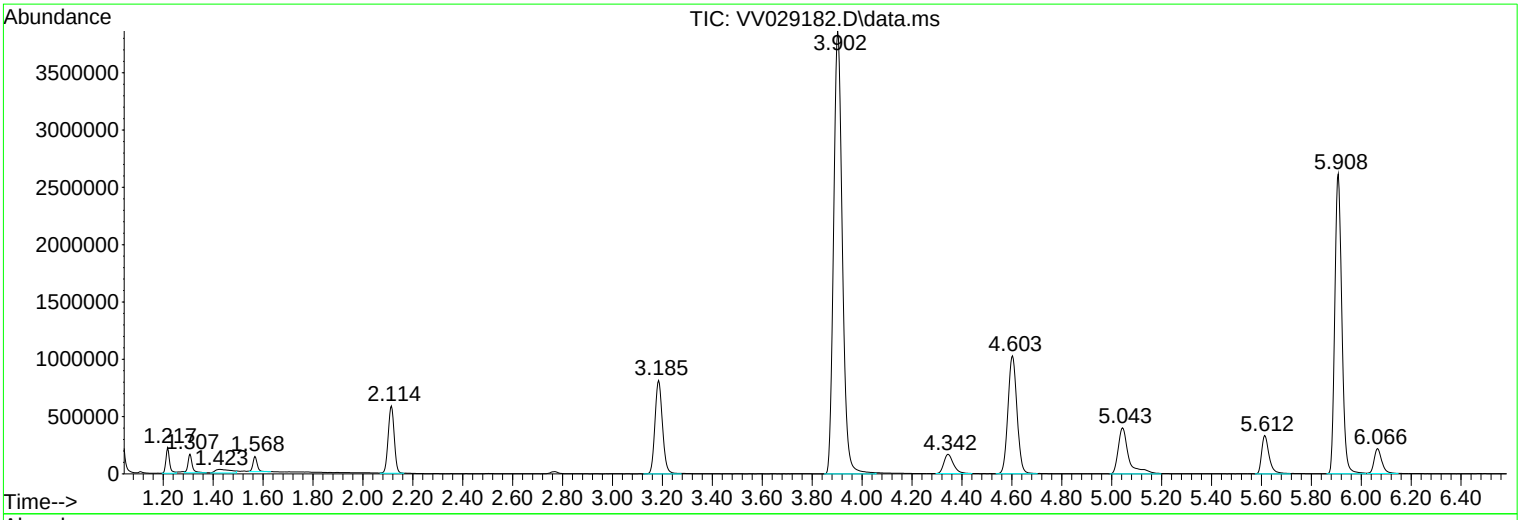
Sum of corrected areas: 28277020

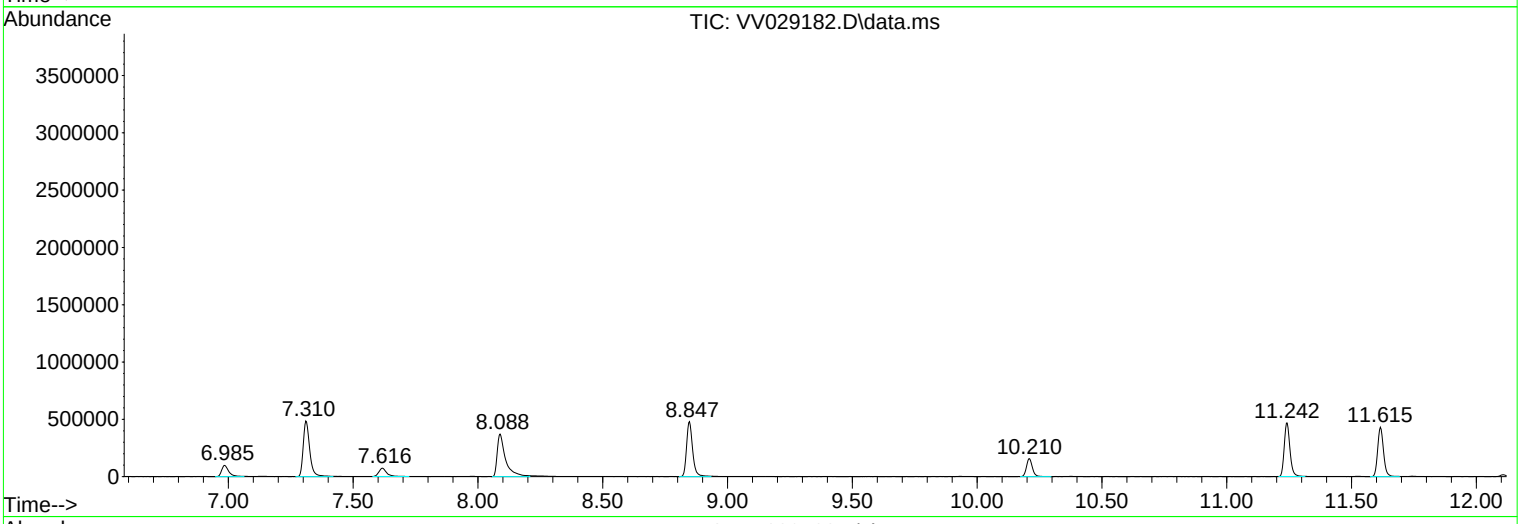
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029182.D
Acq On : 19 Nov 2022 19:50
Operator : SY/MD
Sample : N5694-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

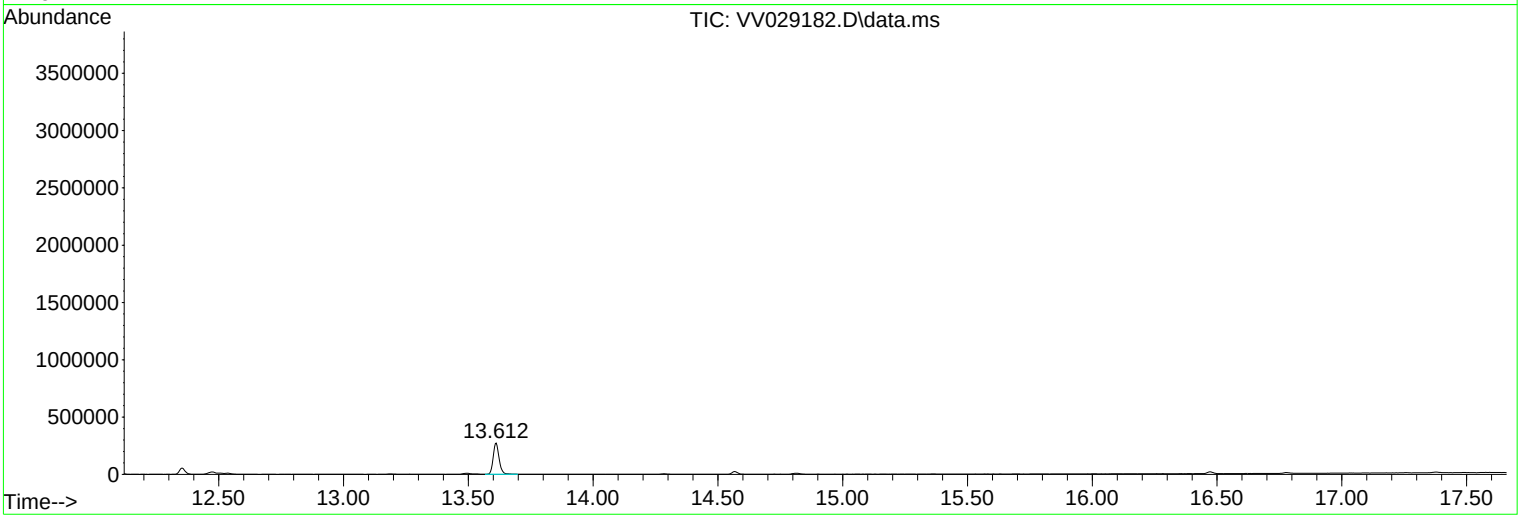
Instrument :
MSVOA_V
ClientSampleId :
BHB44

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 : VV029182.D
Acq On : 19 Nov 2022 19:50
Operator : SY/MD
Sample : N5694-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB44

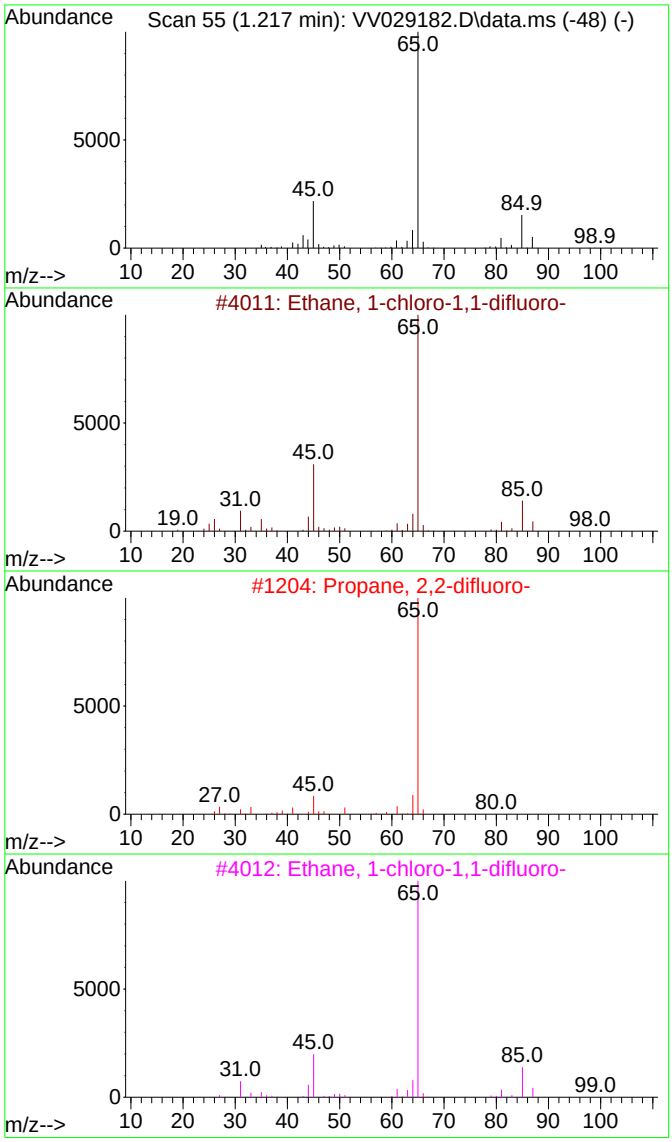
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

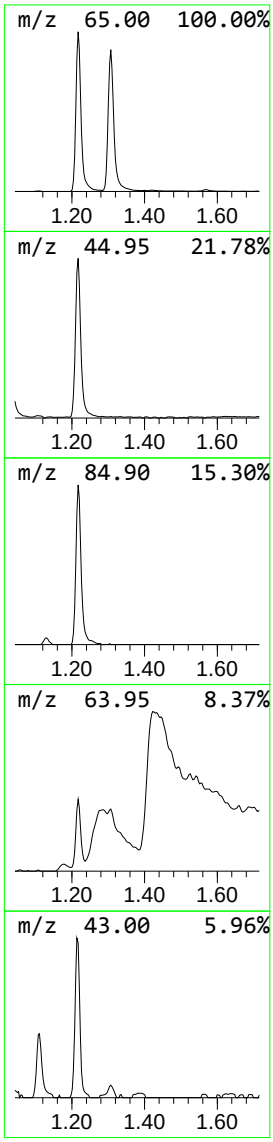
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	1.59 ug/L	222145	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	43
2	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	43
3	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	38
4	2,2-Difluoropropionic acid	110	C3H4F2O2	000373-96-6	4
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029182.D
Acq On : 19 Nov 2022 19:50
Operator : SY/MD
Sample : N5694-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB44

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

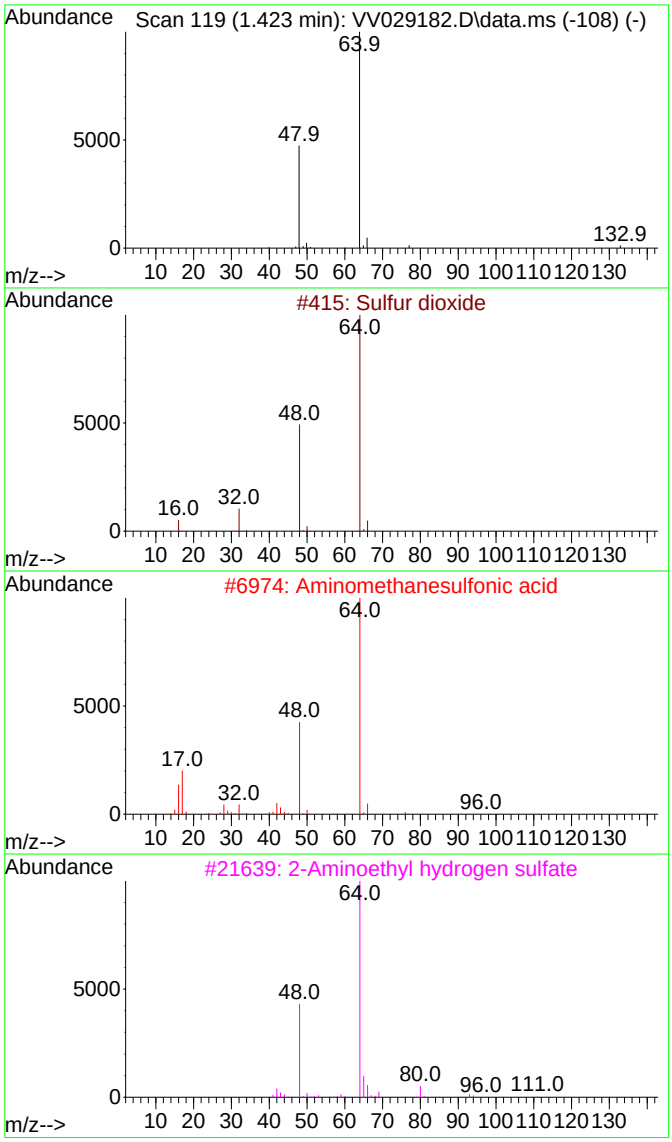
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

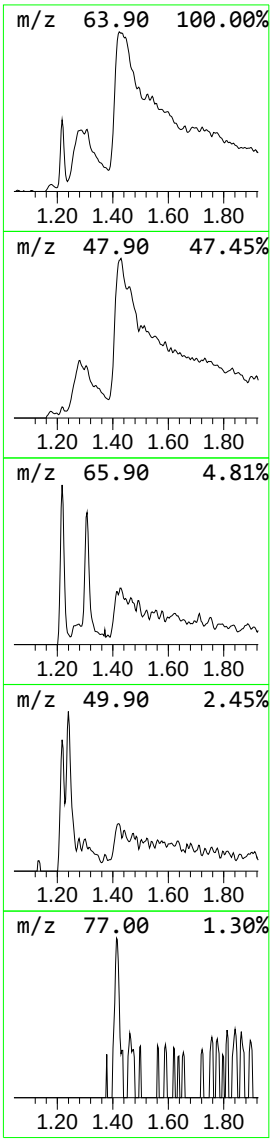
****

Peak Number 2 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.423	0.95 ug/L	132447	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	1,1,1,2,2,3,3,4,4,5,5-Undecafluo...	602	C10F22O2S	1000486-78-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029182.D
Acq On : 19 Nov 2022 19:50
Operator : SY/MD
Sample : N5694-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB44

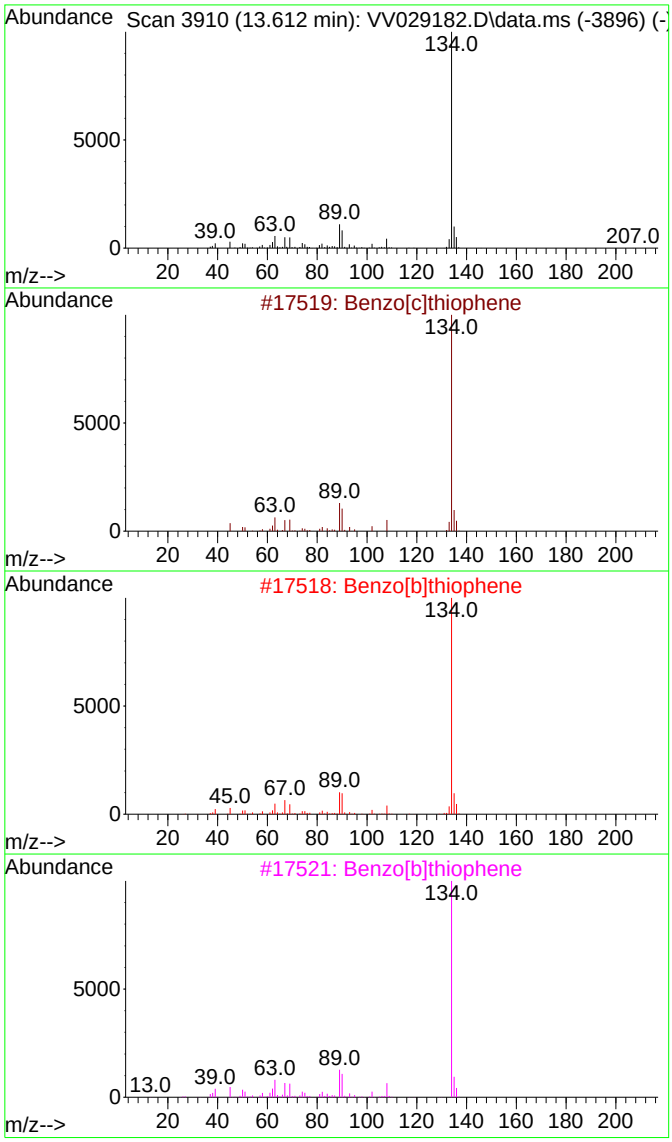
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

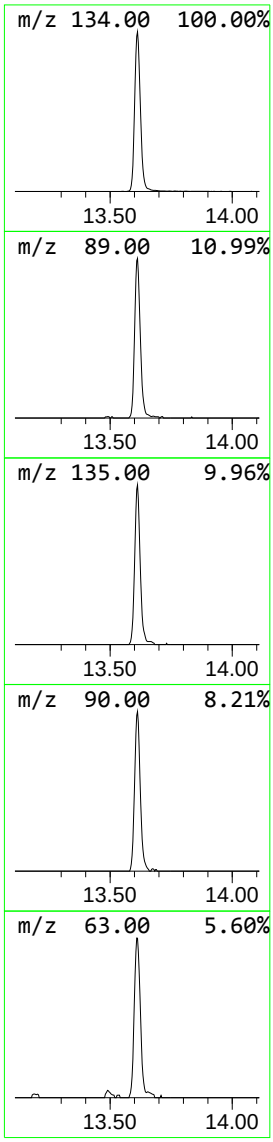
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzo[c]thiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.612	2.99 ug/L	448334	1,4-Dichlorobenzene-d4	11.242

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	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029182.D
Acq On : 19 Nov 2022 19:50
Operator : SY/MD
Sample : N5694-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB44

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
unknown-01	1.217	1.6	ug/L	222145	1	5.612	696458	5.0
Sulfur dioxide	1.423	0.9	ug/L	132447	1	5.612	696458	5.0
Benzo[c]thiophene	13.612	3.0	ug/L	448334	3	11.242	750110	5.0